



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

February 9, 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: February 9, 2016 (Pg. 7)**

Approve

B **Minutes: Regular Meeting of January 26, 2016 (Pg. 44)**

Approve

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

Ratify

D **Financial Review: Second Quarter of Fiscal Year 2015-16 (Pg. 56)**

Receive and file the financial review for the second quarter of Fiscal Year 2015-16.

E **Uniform Service Contact: Award (Pg. 73)**

Accept the proposal from Prudential Overall Supply and authorize the General Manager to execute an initial three-year contract, in an amount not to exceed \$60,000, with two one-year renewal options for uniform service.

F **Palo Comado Canyon Road Potable Water Main Relocation Project: Final Acceptance (Pg. 82)**

Approve execution of a Notice of Completion and have the same recorded; in the absence of claims from subcontractors and others, release the retention in the amount of \$5,443.75 within 30 calendar days after filing the Notice of Completion; approve an additional appropriation, in the amount of \$21,424.50, for CIP Job No. 10606, Palo Comado Canyon Road Potable Water Main Relocation Project; declare the easement for Tract No. 8451, Los Angeles County Recorder's Document No. 8347, as surplus property; and authorize the General Manager to execute a quitclaim deed to extinguish the easement.

G **Detachment of 23371 Palm Canyon, Malibu: Approval of Revised Resolutions (Pg. 96)**

Pass, approve and adopt proposed Resolutions Nos. 2483 and 2484, approving the detachment of APN 4452-027-009 from the District's service area.

RESOLUTION NO. 2483

JOINT RESOLUTION OF THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES, THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL WATER DISTRICT, AND THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL WATER IMPROVEMENT DISTRICT NO. 12, APPROVING AND ACCEPTING THE NEGOTIATED EXCHANGE OF PROPERTY TAX REVENUES RESULTING FROM ANNEXATION OF

PROPERTY DESIGNATED AS ANNEXATION 29-3, AS A PART OF LOCAL AGENCY FORMATION COMMISSION REORGANIZATION 2014-06, TO LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 29, MALIBU

RESOLUTION NO. 2484

JOINT RESOLUTION OF THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES, THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL WATER DISTRICT, AND THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL WATER IMPROVEMENT DISTRICT NO. 12, APPROVING AND ACCEPTING THE NEGOTIATED EXCHANGE OF PROPERTY TAX REVENUES RESULTING FROM ANNEXATION OF PROPERTY DESIGNATED AS ANNEXATION 29-3, AS A PART OF LOCAL AGENCY FORMATION COMMISSION REORGANIZATION 2014-06, TO LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 29, MALIBU

(Reference is hereby made to Resolution Nos. 2483 and 2484 on file in the District's Resolution Book and by this reference the same are incorporated herein.)

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

A **Legislative and Regulatory Updates**

B **Water Supply Conditions and Drought Response (Pg. 104)**

6 **TREASURER**

7 **FACILITIES AND OPERATIONS**

A **Easement Encroachment at 4191 Vicasa Drive, Calabasas: Revised Consent Agreement (Pg. 106)**

Approve and execute the Consent Agreement with the Parker Family Trust for an easement encroachment at 4191 Vicasa Drive, Calabasas.

B **Area 6 Reorganization: Annexation and Sphere of Influence Amendment (Pg. 112)**

Pass, approve and adopt proposed Resolution No. 2485, requesting the Local Agency Formation Commission to initiate proceedings for the reorganization of territory and amendment of the District's sphere of influence.

RESOLUTION NO. 2485

RESOLUTION OF APPLICATION BY LAS VIRGENES MUNICIPAL WATER DISTRICT REQUESTING THE LOCAL AGENCY FORMATION COMMISSION TO INITIATE PROCEEDINGS FOR THE REORGANIZATION OF TERRITORY LAFCO DESIGNATION NO. 2016-01 TO THE LAS VIRGENES MUNICIPAL WATER DISTRICT AND SPHERE OF INFLUENCE (SOI) AMENDMENT OF THE LAS VIRGENES MUNICIPAL WATER DISTRICT

(Reference is hereby made to Resolution No. 2485 on file in the District's

Resolution Book and by this reference the same is incorporated herein.)

C Topanga Canyon Boulevard Parcels: Detachment Request (Pg. 119)

Consider whether or not to approve in concept the detachment of APN Nos. 2173-013-004, 2173-013-005 and 2173-013-006 from the District's service area.

D Infrastructure Investment Plan: Fiscal Years 2016-17 through 2020-21 (Pg. 130)

Receive and file the Infrastructure Investment Plan for Fiscal Years 2016-17 through 2020-21.

E 2016 Potable Water and Sanitation Capacity Fees Study (Pg. 253)

Budget and appropriate \$42,500 for a study of the District's potable water and sanitation capacity fees, and authorize the General Manager to execute a professional services agreement with Raftelis Financial Consultants, in an amount not to exceed \$42,500, to complete the study.

F Saddletree Tank Rehabilitation Project: Construction Award (Pg. 259)

Find that the Saddletree Tank Rehabilitation Project is categorically exempt from the requirements of the California Environmental Quality Act and authorize the General Manager to file a Notice of Exemption; award a construction contract to Paso Robles Tank, Inc., in the amount of \$364,674, for the project; and reject all remaining bids upon receipt of duly executed contract documents.

G Rancho Las Virgenes Composting Facility: Replacement of Loader (Pg. 263)

Authorize the General Manager to issue a purchase order to Coastline Equipment Company of Oxnard, in the amount of \$163,336.50, for a John Deere 444K 4WD loader and execute Carl Moyer Program Contract No. 16169 for \$38,936 in grant funding; and declare Vehicle No. 710, the existing Volvo L70 loader, as surplus equipment for disposal in accordance with the grant requirements.

8 FINANCE AND ADMINISTRATION

A Claim from Jeffrey A. Jones (Pg. 297)

Approve payment, in the amount of \$2,800, for the cost of pumping excess water that may have entered the claimant's septic system and deny the remainder of the claim for unsubstantiated damages to the claimant's driveway and lost wages.

B Claim from Shannon Barnholtz (Pg. 317)

Deny the claim from Shannon Barnholtz.

9 INFORMATION ITEMS

A **Claim from Santos Flaniken (Pg. 325)**

B **Consulting Services to Support Water Budget Development (Pg. 331)**

10 **NON-ACTION ITEMS**

A **Organization Reports**

(1) MWD Representative Report/Agenda(s) **(Pg. 333)**

(2) Other

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

C **General Manager Reports**

(1) General Business

(2) Follow-Up Items

D **Director's Comments**

11 **FUTURE AGENDA ITEMS**

12 **PUBLIC COMMENTS**

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13 **CLOSED SESSION**

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

Las Virgenes - Triunfo Joint Powers Authority v. United States
Environmental Protection Agency and Heal the Bay, Inc. v. Lisa P. Jackson

14 **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 : February 9, 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. 71973 through 72132 were issued in the total amount of \$ 589,358.38

Payments through wire transfers as follows:

1/29/2016 Metropolitan Water Dist. Payment for water deliveries in the month of November 2015 \$ 941,934.42

Total wires \$ 941,934.42

Total payments \$ 1,531,292.80

(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
02/09/16**

Company Name	Company No.	Check No.	Check No.	Check No.	Total
		71973 thru 72023 01/26/16	72024 thru 72062 02/02/16	72063 thru 72132 02/09/16	
		Amount	Amount	Amount	
Potable Water Operations	101	24,124.43	46,290.16	95,065.62	165,480.21
Recycled Water Operations	102	25.00			25.00
Sanitation Operations	130	1,621.84	4,546.20	1,213.15	7,381.19
Potable Water Construction	201				0.00
Water Conservation Construction	203				0.00
Sani- Construction	230		544.50		544.50
Potable Water Replacement	301	9,096.46		161,316.55	170,413.01
Reclaimed Water Replace	302				0.00
Sanitation Replacement	330		1,105.50		1,105.50
Internal Service	701	43,857.16	22,022.67	47,305.89	113,185.72
JPA Operations	751	30,142.92	18,261.66	53,227.53	101,632.11
JPA Construction	752		14,910.11		14,910.11
JPA Replacement	754		13,976.00	6,664.03	20,640.03
Total Printed		108,867.81	121,656.80	364,792.77	595,317.38
Voided Checks/ payment stopped:					
Ck#71790	701	(33.00)			(33.00)
Ck#71648	101	(5,566.00)			(5,566.00)
Ck#66765	101	(360.00)			(360.00)
Total Voids		(5,959.00)	0.00	0.00	(5,959.00)
Net Total		102,908.81	121,656.80	364,792.77	589,358.38



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

November 2015	Page No. 1 of 1
Mailed: 12/10/2015	Due Date: 01/29/2016
Invoice Number: 8539	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	1,290.7

SALES	Type	Volume (AF)	Rate (\$ /AF)	Total (\$)
Full Service	Tier 1 Supply Rate	1,417.0	\$158.00	\$223,886.00
	System Access Rate	1,417.0	\$257.00	\$364,169.00
	Water Stewardship Rate	1,417.0	\$41.00	\$58,097.00
	System Power Rate	1,417.0	\$126.00	\$178,542.00
	Treatment Surcharge	1,417.0	\$341.00	\$483,197.00
SUBTOTAL				\$1,307,891.00

OTHER CHARGES AND CREDITS	Rate (\$ /AF)	
Conservation Debit/Credit	(\$543,288.00)	
Readiness To Serve Charge(Payment Schedule: M)	\$137,186.42	
Capacity Charge(Payment Schedule: M)	\$40,145.00	
SUBTOTAL		(\$365,956.58)

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)	18,438.7			
Tier 1 Annual Limit (For Current Calendar Year)	24,358.0			
Tier 1 YTD Deliveries (For Current Calendar Year)	18,438.7	75.7		
Tier 1 Current Month Deliveries	1,417.0			
Capacity Charge			7/7/2011	43.4

INVOICE TOTAL	Volume AF	Amount Now Due
	1,417.0	\$941,934.42

Note: Amount Due is based on highlighted fields

Approved for Payment

 David W. Pedersen, P.E.

Approved for Payment

 David R. Lippman

PAID
 1/29/16 SC

Batch Number - 242176
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Lim	Key Co	Amount	Invoice Number
71973	01/26/16	3077	AIRGAS USA, LLC	4 PADDLE SIGNS	PV	143800	001	00701	63.00	9046802049
				SZ 9&10 BOOTS	PV	143801	001	00701	391.04	9047018655
				60 PR XXL GLOVES	PV	143802	001	00701	125.57	9046852938
				48 PR XXL GLOVES	PV	143803	001	00701	100.45	9047071305
<p>Alt Payee 6658 AIRGAS USA, LLC P. O. BOX 7423 PASADENA CA 91109-7423</p>										
71974	01/26/16	2387	AMERRAY HYDRAULICS CORP	TEES,BUSHG,NP PLS,CNNCTRS	PV	143805	001	00701	1,820.48	43186
				Payment Amount					680.06	
71975	01/26/16	18160	ARC IMAGING RESOURCES	2016 PLOTTER MAINT	PV	143786	001	00701	1,276.00	A21204
				Payment Amount					1,820.48	
71976	01/26/16	19264	ARNOLD LAROCHELLE MATHEWS VANCONAS &	11/2/15 JPA MTG&WRKSH	PV	143864	001	00751	572.00	46025
				Payment Amount					1,276.00	
71977	01/26/16	2869	AT&T	SRV	PV	143806	001	00101	20.12	0051/010516
				1/5--2/4/16	PV	143806	002	00101	269.82	0051/010516
				1/5--2/4/16	PV	143806	003	00101	89.38	0051/010516
				1/5--2/4/16	PV	143806	004	00101	103.20	0051/010516
				1/5--2/4/16	PV	143806	005	00101	937.40	0051/010516
				1/5--2/4/16	PV	143806	006	00101	6,774.80	0051/010516
				1/5--2/4/16	PV	143806	007	00101	1,264.99	0051/010516
				1/5--2/4/16	PV	143806	008	00101	88.84	0051/010516
				1/5--2/4/16	PV	143806	009	00101	89.02	0051/010516

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Payment Number	Date	Address Number	Name	Payment Stub Message	Ty	Document . . .	Key Itr Co	Amount	Invoice Number
	1/5--2/4/16				PV	143806	010 00101	1,093.56	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	011 00101	490.98	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	012 00101	1,279.04	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	013 00101	44.56	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	014 00101	88.84	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	015 00101	88.84	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	016 00101	88.84	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	017 00101	88.84	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	018 00101	88.84	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	019 00101	88.84	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	020 00101	88.84	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	021 00101	88.84	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	022 00101	88.84	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	023 00101	88.84	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	024 00101	88.84	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	025 00101	89.02	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	026 00101	90.91	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	027 00101	88.84	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	028 00101	88.84	0051/010516
	SRV								
	1/5--2/4/16				PV	143806	029 00101	88.84	0051/010516
	SRV								

Batch Number - 242176
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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
				SRV	PV	143806	030	00101	89.02	0051/010516
				1/5-2/4/16						
				SRV	PV	143806	031	00101	88.84	0051/010516
				1/5-2/4/16						
				SRV	PV	143806	032	00101	44.42	0051/010516
				1/5-2/4/16						
				SRV	PV	143806	033	00101	44.42	0051/010516
				1/5-2/4/16						
				SRV	PV	143818	001	00701	96.03	9054/010516
				1/5-2/4/16						
				SRV	PV	143819	001	00701	472.62	9065/010516
				1/5-2/4/16						
				SRV	PV	143820	001	00701	474.22	9268/010516
				1/5-2/4/16						
				SRV	PV	143821	001	00701	117.71	7719/010716
				1/7-2/6/16						
				SRV	PV	143822	001	00701	117.71	7720/010716
				1/7-2/6/16						
				SRV	PV	143823	001	00701	85.81	7721/010716
				1/7-2/6/16						
				SRV	PV	143824	001	00101	202.38	2045/010716
				1/7-2/6/16						
				SRV	PV	143825	001	00130	101.19	2220/010716
				1/7-2/6/16						
				SRV	PV	143826	001	00101	408.83	2043/010716
				1/7-2/6/16						
				SRV	PV	143827	001	00101	33.29	0124/010716
				1/7-2/6/16						
				SRV	PV	143829	001	00101	67.60	0123/010716
				1/7-2/6/16						
				Payment Amount				16,413.49		
71978	01/26/16	7965	B&B PALLET CO.	55 YDS WOOD	PV	143760	001	00701	638.00	114506
				CHIPS						
				55 YDS WOOD	PV	143761	001	00701	638.00	114507
				CHIPS						
				55 YDS WOOD	PV	143762	001	00701	638.00	114508
				CHIPS						
				55 YDS WOOD	PV	143763	001	00701	638.00	114509
				CHIPS						
				55 YDS WOOD	PV	143764	001	00701	638.00	114510
				CHIPS						

Batch Number - 242176

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
				55 YDS WOOD CHIPS	PV	143765	001	00701	638.00	114511
				55 YDS WOOD CHIPS	PV	143766	001	00701	638.00	215982
				55 YDS WOOD CHIPS	PV	143767	001	00701	638.00	114512
				55 YDS WOOD CHIPS	PV	143768	001	00701	638.00	114514
				55 YDS WOOD CHIPS	PV	143769	001	00701	638.00	114515
				55 YDS WOOD CHIPS	PV	143770	001	00701	638.00	114516
				55 YDS WOOD CHIPS	PV	143771	001	00701	638.00	114517
				55 YDS WOOD CHIPS	PV	143772	001	00701	638.00	114518
71979	01/26/16	20219	ALLEN BAKER	Payment Amount TURF RMVL REBATE	PV	143292	001	00101	8,284.00 5,566.00	160350
71980	01/26/16	18080	BOOT BARN INC.	Payment Amount PRTCVC FTWR-M.HEWITT	PV	143775	001	00701	225.00	IVC0073766
71981	01/26/16	18739	CALIFORNIA HAZARDOUS SERVICES, INC.	Payment Amount 1/16 DSN OP SITE VISIT	PV	143792	001	00701	225.00 105.00	58373
71982	01/26/16	2513	CAPCO ANALYTICAL SERVICES	Payment Amount DEC15 DIGSTR TESTG	PV	143793	001	00701	105.00 585.00	159382
71983	01/26/16	18992	CDW GOVERNMENT	Payment Amount PANASONIC TB 54 W/4 GB RAM PANASONIC TB 54 W/4 GB RAM HP PRO MFP&TONER FREIGHT 3 SAMSUNG DRIVES	PV	143788	001	00701	585.00 1,458.42 14.00 299.75 19.99 604.95	BRH4334 BRH4334 BQN7453 BQN7453 BQN7453 BQG8100

Batch Number - 242176

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Payee Name	Payment Stub Message	Document Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
71984	01/26/16	19010	CDW GOVERNMENT 75 REMITTANCE DR., SUITE 1515 CHICAGO IL 60675-1515	Payment Amount JAN'15 WTR TRTMT	PV	143791	001	00701	562.71	2029766
71985	01/26/16	2554	COASTLINE EQUIPMENT	Payment Amount VEH#864 ALTNTR&KEY SWTCH	PV	143784	001	00701	425.90	276149
71986	01/26/16	19305	COMMERCIAL CLEANING SYSTEMS	Payment Amount JAN'16 CLEANING SVC	PV	143812	001	00701	3,525.68	311992
71987	01/26/16	19270	COMMUNICATION S RELAY, LLC	Payment Amount 1/16 SITE RNTL	PV	143808	001	00701	900.00	55834
71988	01/26/16	6966	CS-AMSCO	Payment Amount 4" ISOLATN VLV RPR FREIGHT	PV	143787	001	00701	860.01	10861
71989	01/26/16	17918	EARTHLINK BUSINESS CO.	Payment Amount JAN'16 MPLS LINES	PV	143810	001	00701	4,291.23	1318062501011 60
71990	01/26/16	2658	FEDERAL EXPRESS CORP	Payment Amount 1 PKG DEL 1/8/16	PV	143865	001	00701	30.60	5-288-94299
71991	01/26/16	2655	FERGUSON ENTERPRISES	Payment Amount 20 1" TEES&TUBG, COPPR	PV	143804	001	00701	4,215.90	0538885
				CR FOR UPS 7/11/15 INV	PD	143817	001	00701	10.19-	CM042744

All Payee 3207 FERGUSON ENTERPRISES, INC. #1083
P. O. BOX 740927
LOS ANGELES CA 90074-0827

Batch Number - 242176
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Amount	Invoice Number
71992	01/26/16	19397	FIRST CHOICE SERVICES	HQ COFFEE SUPPLIES	PV	143796	001 00701	159.78	210773
				OPS COFFEE SUPPLIES	PV	143797	001 00701	92.08	210774
				RLV COFFEE SUPPLIES	PV	143798	001 00701	38.87	210775
				TAPIA COFFEE SUPPLIES	PV	143799	001 00701	42.55	210776
				Payment Amount				4,205.71	
71993	01/26/16	2664	FLW INC	ASCO 2 WAY VALVES	PV	143849	001 00701	459.63	1118609
				ASCO 2 WAY VALVES	PV	143849	003 00701	14.67	1118609
				Payment Amount				333.28	
71994	01/26/16	20148	FUSIONSTORM	JUNIPR SWITCHS	PV	143774	001 00701	900.00	INV271780
				CONVRSN				474.30	
				Payment Amount				900.00	
71995	01/26/16	2701	GRAINGER, INC.	WIRNG HARNSS-ICE	PV	143782	001 00701	57.40	9925781081
				MCHN					
				Payment Amount				57.40	
				JAN'16 STORAGE	PV	143776	001 00701	44.48	0281919
71996	01/26/16	19548	GRM INFORMATION MANAGEMENT SERVICES-CA	JAN'16 STORAGE	PV	143777	001 00701	356.28	0281920
				Payment Amount				400.76	
71997	01/26/16	19781	IVA SOLUTIONS, INC.	SEC CAMERA UPGRD-50%	PV	143862	001 00701	9,096.46	144039
				Payment Amount				9,096.46	
71998	01/26/16	3406	JACK JONES TRUCKING, INC.	SHIP RLV MUFFN MNSTR	PV	143783	001 00751	66.78	Q87710
				Payment Amount				66.78	

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Payment Number	Payment Date	Name	Address Number	Payment Stub Message	Document Ty	Document Number	Key ltrm	Key Co	Amount	Invoice Number
71999	01/26/16	LA DWP	2611	RECTIFIER 12/14-1/14/16 Payment Amount	PV	143837	001	00101	40.97	017698/011516
72000	01/26/16	LABOR READY SOUTHWEST, INC	20032	TEMP SRV P/E 1/1/16	PV	143781	001	00701	978.24	20509355
72001	01/26/16	LAS VIRGENES MUNICIPAL WATER DISTRICT	3352	P/E 1/8/16 - 2 TEMPS Payment Amount	PV	143816	001	00701	1,630.40	20533762
72002	01/26/16	LAS VIRGENES MUNICIPAL WATER DISTRICT	3352	JED SMITH PS 12/3-1/6/16 Payment Amount	PV	143830	001	00101	23.36	0254/011316
72003	01/26/16	LOS ANGELES DAILY NEWS	2590	12/7-1/7/16 L/S#1 12/7-1/7/16 L/S#2 11/24-12/28/1 5 RWPS 11/24-12/28/1 5 BLD#8 RW 11/24-12/28/1 5 BLD#8 RW 11/24-12/28/1 5 BLD#7 RW Payment Amount	PV	143831	001	00130	25.67	1775/011316
72004	01/26/16	LOS ANGELES DAILY NEWS	2590	AD@12/6/15-O NE&DONE IRRIG"	PV	143780	001	00101	395.00	0010742014
72005	01/26/16	LOS ANGELES DAILY NEWS	2590	TRFFC COLLNS RPT@TRIUNFO RD Payment Amount	PV	143886	001	00102	25.00	916-00077-226 0-473
72006	01/26/16	HILLS/MALIBU SHERIFF'S STATION	5698	TRFFC COLLNS RPT@ROSALES Payment Amount	PV	143887	001	00701	25.00	916-00234-222 5-472
72007	01/26/16	MAILFINANCE	17295	1/9-2/8/16 PSTG MCHN Payment Amount	PV	143814	001	00701	221.98	N5716869
72008	01/26/16	MOTION	2839	15 CENTRT PMP Payment Amount	PV	143794	001	00701	580.52	CA22-599693

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Number	Key	Amount	Invoice Number
			INDUSTRIES, BELTS INC.						
			5 V-BELTS		PV	143795	001 00701	69.65	CA22-599639
			MOTION INDUSTRIES INC. FILE 749376 LOS ANGELES CA 90074						
72006	01/26/16	16754	NATURAL SURROUNDINGS	Payment Amount JAN'16 FLORAL MAINT	PV	143867	001 00701	235.00	6444
72007	01/26/16	2863	ON HOLD MARKETING SYSTEMS	Payment Amount ANNUAL FEE-MSG@TAPIA	PV	143857	001 00751	828.00	72562
72008	01/26/16	18530	PR ELECTRONICS INC.	Payment Amount ADPTR, TRNSMTR ,PNL, SIGNL CALC FREIGHT	PV	143815	001 00701	2,132.00	25167
72009	01/26/16	17174	ROTH STAFFING COMPANIES, LP	Payment Amount 12/21-12/23/1 5 E.M.AGUILAR	PV	143847	001 00701	459.54	13223106
72010	01/26/16	18973	SOUTHERN COUNTIES OIL	Payment Amount 55 GAL DRM CETUS HIPERSYN	PV	143863	001 00701	1,866.07	0488688-IN
72011	01/26/16	6940	SECTRAN SECURITY, INC.	Payment Amount JAN'16 COURIER SVC	PV	143813	001 00701	299.25	16010630
72012	01/26/16	19093	SOLARCITY - AU SOLAR 1 (GS1)	Payment Amount RW P/S 12/1-12/31/15 SOLAR	PV	143839	001 00751	11,969.40	9133440-00-02 3
72013	01/26/16	16271	SPOK, INC.	Payment Amount PAGR SRV 1/9-2/10/16 PAGR SRV 1/9-2/10/16 PAGR SRV 1/9-2/10/16	PV	143807	001 00701	291.54	Z0143084A
					PV	143807	002 00701	70.02	Z0143084A
					PV	143807	003 00701	42.03	Z0143084A

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Item	Co	Amount	Invoice Number
72014	01/26/16	2964	STATE BOARD OF EQUALIZATION	SALES/USE TAX-4TH QT'15	PV	143838	001	00701	403.59	1,667.00	97817885/123115
Payment Amount 1,667.00											
72015	01/26/16	4595	THE COPY DEPARTMENT	WLK EXP&P/S PLANS	PV	143778	001	00701	112.10	112.10	1486101
Payment Amount 552.44											
72016	01/26/16	18651	TOYOTA-LIFT OF LOS ANGELES	VEH#723 PM SVC	PV	143850	001	00701	664.54	118.19	WO-319019
Payment Amount 664.54											
VEH#134 PM SVC 112.62 WO-319021											
VEH#700 PM SVC 83.62 WO-319020											
VEH#700 CHARGR RPR 156.60 WO-322123											
VEH#202 PM SVC 146.49 WO-319022											
VEH#305 PM SVC 112.62 WO-319023											
VEH#302 PM SVC 83.62 WO-319024											
Payment Amount 813.76											
72017	01/26/16	3006	UNDERGROUND SERVICE ALERT	230 NEW TICKET CHGS	PV	143848	001	00701	345.00	345.00	1220150407
Payment Amount 345.00											
72018	01/26/16	18810	UNIFIRST CORPORATION	MATS/TWLS,UNI FRMS@TAPIA	PV	143860	001	00701	45.89	45.89	772425
Payment Amount 45.89											
MATS/TWLS,UNI FRMS@TAPIA 47.10 772425											
MATS/TWLS,UNI FRMS@TAPIA 45.89 773987											
MATS/TWLS,UNI FRMS@TAPIA 17.60 773987											

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Item	Co	Key	Amount	Invoice Number
	12/15		MATS/TWLS,UNI FRMS@TAPIA		PV	143868	001	00701		45.89	775560
	12/15		MATS/TWLS,UNI FRMS@TAPIA		PV	143868	002	00701		47.10	775560
	12/15		MATS/TWLS,UNI FRMS@TAPIA		PV	143869	001	00701		42.17	777201
	12/15		MATS/TWLS,UNI FRMS@TAPIA		PV	143869	002	00701		17.60	777201
	12/15		MATS/TWLS,UNI FRMS@TAPIA		PV	143870	001	00701		42.17	778761
	12/15		MATS/TWLS,UNI FRMS@TAPIA		PV	143870	002	00701		47.10	778761
	12/15		MATS/TWLS,UNI FRMS@WLNK		PV	143871	001	00701		13.88	772424
	12/15		MATS/TWLS,UNI FRMS@WLNK		PV	143871	002	00701		17.90	772424
	12/15		MATS/TWLS,UNI FRMS@WLNK		PV	143872	001	00701		13.88	773986
	12/15		MATS/TWLS,UNI FRMS@WLNK		PV	143872	002	00701		6.40	773986
	12/15		MATS/TWLS,UNI FRMS@WLNK		PV	143873	001	00701		13.88	775559
	12/15		MATS/TWLS,UNI FRMS@WLNK		PV	143873	002	00701		17.90	775559
	12/15		MATS/TWLS,UNI FRMS@WLNK		PV	143874	001	00701		13.88	777200
	12/15		MATS/TWLS,UNI FRMS@WLNK		PV	143874	002	00701		6.40	777200

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Payment Number	Date	Address Number	Name	Payment Stub Message	Ty	Document . . .	Key itm Co	Amount	Invoice Number
				FRMS@WLK	PV	143875	001 00701	13.88	778760
				12/15 MATS/TWLS,UNI					
				FRMS@WLK	PV	143875	002 00701	17.90	778760
				12/15 MATS/TWLS,UNI					
				FRMS@WLK	PV	143876	001 00701	215.50	772427
				12/15 MATS/TWLS,UNI					
				FRMS@HQ	PV	143877	001 00701	194.50	773989
				12/15 MATS/TWLS,UNI					
				FRMS@HQ	PV	143878	001 00701	215.50	775562
				12/15 MATS/TWLS,UNI					
				FRMS@HQ	PV	143879	001 00701	194.50	777203
				12/15 MATS/TWLS,UNI					
				FRMS@HQ	PV	143880	001 00701	215.50	778763
				12/15 MATS/TWLS,UNI					
				FRMS@HQ	PV	143881	001 00701	23.68	772426
				12/15 MATS/TWLS,UNI					
				FRMS@RLV	PV	143881	002 00701	30.30	772426
				12/15 MATS/TWLS,UNI					
				FRMS@RLV	PV	143882	001 00701	23.68	773988
				12/15 MATS/TWLS,UNI					
				FRMS@RLV	PV	143882	002 00701	20.80	773988
				12/15 MATS/TWLS,UNI					
				FRMS@RLV	PV	143883	001 00701	23.68	775561
				12/15 MATS/TWLS,UNI					
				FRMS@RLV	PV	143883	002 00701	30.30	775561
				12/15 MATS/TWLS,UNI					
				FRMS@RLV	PV	143884	001 00701	23.68	777202
				12/15 MATS/TWLS,UNI					

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Number	Key	Co	Amount	Invoice Number
MATS/TWLS,UNI										
			FRMS@RLV							
			12/15		PV	143884	002	00701	20.80	777202
MATS/TWLS,UNI										
			FRMS@RLV							
			12/15		PV	143885	001	00701	23.68	778762
MATS/TWLS,UNI										
			FRMS@RLV							
			12/15		PV	143885	002	00701	30.30	778762
MATS/TWLS,UNI										
			FRMS@RLV							
			12/15		PV	143885	002	00701	30.30	778762
Payment Amount										
72019	01/26/16	2780	VALLEY NEWS GROUP		PV	143809	001	00751	360.00	1-15-16
ADS-CMPST/OTL										
Y TR 1/14/16										
Payment Amount										
72020	01/26/16	16947	VENCO POWER SWEEPING, INC		PV	143811	001	00751	495.00	0002929-IN
Payment Amount										
72021	01/26/16	3047	WESCO DISTRIBUTION, INC.		PV	143840	001	00751	8.39	506222
FREIGHT-INV#5										
04743										
Payment Amount										
					PV	143841	001	00751	5.75	507968
FREIGHT-INV#5										
03866										
					PV	143842	001	00751	9.64	506746
FREIGHT-INV#5										
05509										
					PV	143843	001	00751	10.95	507197
FREIGHT-INV#5										
05922										
					PV	143844	001	00701	17.33	506380
10 CLEAR TUBE GUARDS										
					PV	143845	001	00701	44.52	505923
CABLE TIES										
					PV	143846	001	00701	6.96	507073
FREIGHT-INV#5										
05923										
Payment Amount										
72022	01/26/16	20257	WESTERN EXTERMINATOR COMPANY		PV	143866	001	00701	11,900.00	3634999
BIRD										
ABTMT@WSTLK										
Payment Amount										
									103.54	

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Payment Number	Payment Date	Address Number	Name	Payment Slub Message	Ty	Document Number	Key	Item	Co	Amount	Invoice Number
72023	01/26/16	18561	WHITE NELSON DIEHL EVANS LLP	TAX CONSLTG SRV-PIE 12/31/15	PV	143773	001 00701			1,950.00	157614
Payment Amount										11,900.00	
Payment Amount										1,950.00	
Total Amount of Payments Written										108,867.81	
Total Number of Payments Written										51	

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item Co	Amount	Invoice Number
72024	02/02/16	19269	ACC BUSINESS	INTERNET	PV	143959	001 00701	960.56	160128347
				12/11-1/10/16					
				SCADA MPLS	PV	143965	001 00130	480.82	160140231
				12/11-1/10/16					
				SCADA MPLS	PV	143965	002 00130	515.94	160140231
				12/11-1/10/16					
				SCADA MPLS	PV	143965	003 00130	480.67	160140231
				12/11-1/10/16					
				SCADA MPLS	PV	143965	004 00130	515.95	160140231
				12/11-1/10/16					
				SCADA MPLS	PV	143965	005 00130	480.83	160140231
				12/11-1/10/16					
				Payment Amount			3,434.77		
72025	02/02/16	19077	AGOURA LUBE & SMOG	VEH#904 OIL	PV	143932	001 00701	51.87	15983
				CHG					
				VEH#907 OIL	PV	143933	001 00701	55.79	16121
				CHG					
				Payment Amount			107.66		
72026	02/02/16	3077	AIRGAS USA, LLC	1/16 CYLINDER	PV	143934	001 00701	799.27	9932767745
				RENT					
			Alt Payee						
			6658 AIRGAS USA, LLC						
			P. O. BOX 7423						
			PASADENA CA 91109-7423						
				Payment Amount			799.27		
72027	02/02/16	18647	AMTECH ELEVATOR SERVICES	2/1-4/30/16	PV	143922	001 00701	823.56	DVA09741216
				ELEV MAINT					
				Payment Amount			823.56		
72028	02/02/16	2869	AT&T	SRV	PV	143957	001 00701	88.88	4639/011416
				1/14-2/13/16					
				SRV	PV	143958	001 00751	88.88	4860/011416
				1/14-2/13/16					
				Payment Amount			177.76		
72029	02/02/16	2407	ATLAS TOWING	TOW	PV	143993	001 00701	218.50	52873
				VEH#849-VINCE					
				AUTO					
				Payment Amount			218.50		
72030	02/02/16	7965	B&B PALLET CO.	55 YDS WOOD	PV	143889	001 00701	638.00	114519
				CHIPS					
				55 YDS WOOD	PV	143890	001 00701	638.00	114521

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Payment Number	Payment Date	Address Number	Name	Payment Sub Message	Ty	Document Number	Key	Item	Co	Amount	Invoice Number
				CHIPS	PV	143891	001	00701		638.00	114522
				55 YDS WOOD	PV	143892	001	00701		638.00	215757
				CHIPS	PV	143893	001	00701		638.00	215760
				55 YDS WOOD	PV	143894	001	00701		638.00	215764
				CHIPS							
				Payment Amount					3,828.00		
72031	02/02/16	2425	BANK OF AMERICA	VISA	PV	143945	001	00701		159.79	1162/010716
				CHG-PEDERSEN-DEC'15	PV	143946	001	00701		62.99	7941/010716
				VISA	PV	143947	001	00701		1,250.00	7961/010716
				CHG-GUZMAN-DEC'15	PV	143948	001	00701		1,233.16	6656/010716
				VISA	PV	143949	001	00701		1,087.05	3071/010716
				CHG-F&A-DEC'15	PV	143950	001	00701		192.45	1302/010716
				VISA	PV	143951	001	00701		107.94	7366/010716
				CHG-MAINT-DEC'15	PV	143952	001	00701		20.83	2698/010716
				VISA	PV	143953	001	00101		95.68	3713/010716
				CHG-TAPIA-DEC'15	PV	143953	002	00101		107.50	3713/010716
				VISA	PV	143953	003	00101		120.40	3713/010716

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Payment Number	Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Lim Co	Amount	Invoice Number
				DIST					
				N1-DEC'15					
				VISA CHG-WTR	PV	143953	004 00101	416.80	3713/010716
				DIST					
				N1-DEC'15					
				VISA CHG-WTR	PV	143953	005 00101	95.68	3713/010716
				DIST					
				N1-DEC'15					
				VISA CHG-WTR	PV	143953	006 00101	42.90	3713/010716
				DIST					
				N1-DEC'15					
				VISA CHG-WTR	PV	143954	001 00101	43.85	8102/010716
				DIST					
				N2-DEC'15					
				VISA CHG-WTR	PV	143954	002 00101	68.57	8102/010716
				DIST					
				N2-DEC'15					
				VISA CHG-WTR	PV	143954	003 00101	107.50	8102/010716
				DIST					
				N2-DEC'15					
				VISA CHG-WTR	PV	143954	004 00101	360.00	8102/010716
				DIST					
				N2-DEC'15					
				VISA	PV	143955	001 00101	689.78	7431/010716
				CHG-WSTLK-DEC					
				'15					
				VISA CHG-OPS	PV	143956	001 00101	124.66	1498/010716
				ADMIN-DEC'15					
				VISA CHG-OPS	PV	143956	002 00101	193.54	1498/010716
				ADMIN-DEC'15					
				VISA CHG-OPS	PV	143956	003 00101	16.31	1498/010716
				ADMIN-DEC'15					
				VISA CHG-OPS	PV	143956	004 00101	77.54	1498/010716
				ADMIN-DEC'15					
				VISA CHG-OPS	PV	143956	005 00101	200.00	1498/010716
				ADMIN-DEC'15					
				VISA	PV	143980	001 00701	55.86	2209/010716
				CHG-LIPPMAN-D					
				EC'15					
				VISA	PV	143981	001 00701	9.99	5832/010716
				CHG-CASPARY-D					

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
				EC'15						
				VISA CHG-R	PV	143982	001	00701	158.01	3954/010716
				CNSRV						
				N1-DEC'15						
				VISA CHG-R	PV	143982	002	00701	79.28	3954/010716
				CNSRV						
				N1-DEC'15						
				VISA CHG-R	PV	143982	003	00701	27.24	3954/010716
				CNSRV						
				N1-DEC'15						
				VISA CHG-R	PV	143982	004	00701	350.04	3954/010716
				CNSRV						
				N1-DEC'15						
				VISA CHG-R	PV	143982	005	00701	100.00	3954/010716
				CNSRV						
				N1-DEC'15						
				VISA CHG-R	PV	143982	006	00701	220.00	3954/010716
				CNSRV						
				N1-DEC'15						
				VISA CHG-R	PV	143982	007	00701	5.36	3954/010716
				CNSRV						
				N1-DEC'15						
				VISA CHG-R	PV	143982	008	00701	124.56	3954/010716
				CNSRV						
				N1-DEC'15						
				VISA CHG-R	PV	143982	009	00701	118.14	3954/010716
				CNSRV						
				N1-DEC'15						
				VISA CHG-R	PV	143982	010	00701	29.97	3954/010716
				CNSRV						
				N1-DEC'15						
				VISA CHG-R	PV	143983	001	00701	134.34	1722/010716
				CNSRV-DEC'15						
				VISA CHG-R	PV	143983	002	00701	85.72	1722/010716
				CNSRV-DEC'15						
				VISA CHG-R	PV	143983	003	00701	100.00	1722/010716
				CNSRV-DEC'15						
				VISA	PV	144031	001	00701	676.26	0271/010715
				CHG-PATTERSON						
				-DEC'15						
				Payment Amount					9,149.69	

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Ltn Co	Amount	Invoice Number
72032	02/02/16	2539	CITY OF SIMI VALLEY	PURCH WTR 11/12--1/13/16	PV	143961	001 00101	8,199.30	0092298667
				PURCH WTR 11/12--1/13/16	PV	143962	001 00101	304.47	0092298661
				Payment Amount			8,503.77		
72033	02/02/16	4586	CONSOLIDATED ELECTRICAL DISTRIBUTORS	3 LED CORN LIGHTS	PV	143895	001 00701	474.15	9009-726938
				2 COMMNCTN CABLES	PV	143896	001 00701	150.01	9009-727368
				2 EMER EXIT SIGNS	PV	143897	001 00701	55.54	9009-727422
				PLC FOR BLW CTRL UPGRD	PV	143899	001 00701	2,058.75	9009-726989
				DISCOUNT-PLC FOR BLW CTRL	PD	143900	001 00751	16.25	9009-726989
				UPGD					
				30A 600V PLUG BODY	PV	143889	001 00701	242.44	9009-727960
				Payment Amount			2,964.64		
72034	02/02/16	19033	DENOVO VENTURES, LLC	11/2 & 11/3/15 SUPPORT	PV	143991	001 00701	1,531.85	32947
				1/22/16 FUNCT SUPPORT	PV	143992	001 00701	131.25	34060
				Payment Amount			1,663.10		
72035	02/02/16	7420	DICALITE MINERALS CORP.	44 BAGS DICALITE 375	PV	143925	001 00701	9,711.90	436308
				44 BAGS DICALITE 375	PV	143925	002 00701	114.19	436308
				Payment Amount			9,826.09		
N 72036	02/02/16	17261	DOCTOR DIESEL	12/2/15 DSL TNK SVC	PV	143924	001 00701	316.43	15-354
				12/2/15 DSL TNK SVC	PV	143924	002 00701	316.43	15-354
				12/2/15 DSL TNK SVC	PV	143924	003 00701	949.29	15-354

Alt Payee 9884 DICALITE MINERALS CORP.
1 BALA AVENUE, SUITE 310
BALA CYNWYD PA 19004

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Amount	Invoice Number
							Item Co		
				TNK SVC					
				12/2/15 DSL	PV	143924	006 00701	632.85	15-354
				TNK SVC					
				Payment Amount			2,215.00		
72037	02/02/16	2658	FEDERAL EXPRESS CORP	1 PKG DEL 1/15/16	PV	143919	001 00701	61.95	5-295-73882
				Payment Amount			61.95		
72038	02/02/16	6770	G.I. INDUSTRIES	12/28-1/15/16 SHOP DISP	PV	143923	001 00701	1,090.48	2759709-0283-7
			Alt Payee 6771 G.I. INDUSTRIES P. O. BOX 541065 LOS ANGELES CA 90054-1065						
				Payment Amount			1,090.48		
72039	02/02/16	2705	HACH COMPANY	WTR QLTY TEST EQP	PV	143927	001 00701	403.58	9746642
				WTR QLTY TEST EQP	PV	143927	007 00701	79.47	9746642
				WTR QLTY TEST EQP	PV	143928	001 00701	3,215.50	9748755
			Alt Payee 6442 HACH COMPANY 2207 COLLECTIONS CENTER DR CHICAGO IL 60693						
				Payment Amount			3,698.55		
72040	02/02/16	6439	HIDDEN HILLS COMMUNITY ASSOCIATION	CLAIM-JED SMITH/WTR BRK	PV	149966	001 00101	4,809.00	CLAIM/JEDSMIT H
				Payment Amount			4,809.00		
72041	02/02/16	4144	INTERSTATE BATTERY SYSTEMS	1 STOCK BATTERY	PV	149930	001 00701	94.87	20001243
				2 STOCK BATTERIES	PV	149931	001 00701	412.39	10105222
				Payment Amount			507.26		
72042	02/02/16	18535	KEMIRA WATER SOLUTIONS, INC.	10.37 TN FERRIC CHLORIDE	PV	143898	001 00701	4,803.90	9017486235
			Alt Payee 18536 KEMIRA WATER SOLUTIONS MAIL CODE 5581, P. O. BOX 105046 ATLANTA GA 30348-5046						
				Payment Amount			4,803.90		

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Amount	Invoice Number
72043	02/02/16	2611	LADWP		PV	143918	001 00101	36.42	503850/011916
				RECTIFIER					
				12/15~1/15/16					
				TWN LKS P/S				5,171.67	875698/012116
				12/14~1/14/16					
				Payment Amount			5,208.09		
72044	02/02/16	3352	LAS VIRGENES MUNICIPAL WATER DISTRICT	TAPIA	PV	143995	001 00751	223.45	1760/012016
				12/8~1/11/16					
				RLV					
				12/8~1/11/16				384.71	2090/012016
				BLDG#1					
				12/8~1/11/16				213.38	2620/012016
				BLDG#8					
				12/8~1/11/16				218.00	2647/012016
				BLD#8 FIRE					
				12/8~1/11/16				7.50	2650/012016
				PRT					
				12/8~1/11/16				7.50	2654/012016
				BLD#7 FIRE					
				12/8~1/11/16				433.90	2656/012016
				PRT					
				12/8~1/11/16				262.28	2658/012016
				BLDG#2					
				12/8~1/11/16				64.83	2080/012016
				RLV FARM					
				12/8~1/11/16				1,815.55	
				Payment Amount			1,815.55		
72045	02/02/16	2610	LOS ANGELES COUNTY DEPT. OF PUBLIC WORKS	504416 MUREAU RD	PV	143920	001 00101	422.00	RE-PW-1601070 7797
				11/25/15:L201					
				12/2/15:L2015				914.00	RE-PW-1601070 7828
				04590 31424					
				MULHL					
				Payment Amount			1,336.00		
				REG-TECH				1,600.00	012716
				TRNG-CLERK					
				3/15~18					
				Payment Amount			1,600.00		
72046	02/02/16	16690	MAUREEN KANE & ASSOCIATES, INC.	HVY DTY	PV	143963	001 00701	163.69	CA22-600035
				12/8~1/11/16					
				Payment Amount			1,600.00		

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Number	Key	Amount	Invoice Number
							Lim Co		
			INDUSTRIES, INC.	SHEAVES					
				BUSHINGS&SHEAVES	PV	143984	001 00701	923.16	CA22-600339
				ES					
				SUPER HC	PV	143985	001 00701	24.37	CA22-599953
				V-BELT					
				10 STD	PV	143986	001 00701	130.78	CA22-599997
				V-BELTS					
				(6) 4 BOLT	PV	143987	001 00701	2,105.63	CA22-599965
				FLG					
				4 TRUFLEX	PV	143988	001 00701	31.11	CA22-600244
				BELTS					
				(6) 4 BOLT	PV	143990	001 00701	1,058.81	CA22-600181
				FLG					
			Alt Payee 10317 MOTION INDUSTRIES INC. FILE 749376 LOS ANGELES CA 90074						
				Payment Amount				4,437.55	
72048	02/02/16	18940	MP PRINTING & MAILING	6,000 DELINQ DOOR HANGRS	PV	143968	001 00701	450.75	59907
				Payment Amount				450.75	
72049	02/02/16	2842	NAPA AUTO PARTS	2 TRUFLX V-BELTS	PV	143974	001 00701	17.55	797602
				Payment Amount				17.55	
72050	02/02/16	17229	OMEGA ENGINEERING, INC.	3000 LB LOAD CELL	PV	143969	001 00701	643.10	H21902
				Payment Amount				10.00	
72051	02/02/16	20002	PETTY CASH - SUSAN BROWN	PETTY CASH 9/22/15--1/21/16	PV	143888	001 00701	289.98	012516
				Payment Amount				653.10	
72052	02/02/16	16659	RMC WATER AND ENVIRONMENT	11/28--12/25/15 WDLND HLS RW	PV	143916	001 00701	14,910.11	21239
				Payment Amount				289.98	
				11/28--12/25/15 SEASNL STRG	PV	143917	001 00701	13,976.00	21238
				Payment Amount				28,886.11	
72053	02/02/16	17174	ROTH STAFFING	12/28--12/30/15	PV	143913	001 00701	479.52	13225692

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Amount	Invoice Number
Number	Date	Number				Number	Item Co		Number
			COMPANIES, LP	5 E.M.AGUILLAR	PV	143914	001 00701	639.36	13230166
				1/5-1/8/16					
			E.M.AGUILLAR						
				Payment Amount				1,118.88	
72054	02/02/16	2958	SOUTHERN CALIFORNIA GAS CO	CONDUIT	PV	143960	001 00101	16.27	8400/012616
				11/23--12/21/15					
				5					
				TAPIA-ADJ CHG	PV	143967	001 00751	2.62	4000/012016
				11/3--12/5/15					
				Payment Amount				18.89	
72055	02/02/16	20177	TILLEY CRANE INSPECTION SERVICE CO., INC	QUADRENNIAL LOAD TESTS	PV	143915	001 00701	2,612.50	1629
				QUADRENNIAL LOAD TESTS	PV	143915	003 00701	2,314.25	1629
				QUADRENNIAL LOAD TESTS	PV	143915	004 00701	1,306.25	1629
				Payment Amount				6,233.00	
72056	02/02/16	9505	TIRE MAN AGOURA	VEH#803	PV	143970	001 00701	1,614.11	2048565
				TIRES,BRK					
				PADS					
				VEH#907 (4)	PV	143971	001 00701	872.93	2049040
				NEW TIRES					
				Payment Amount				2,487.04	
72057	02/02/16	17645	TORO ENTERPRISES INC.	24" EMGCY	PV	143964	001 00101	5,245.70	9684
				RPR@BARONGAT					
				E					
				Payment Amount				5,245.70	
72058	02/02/16	2780	VALLEY NEWS GROUP	WTR CONSRV	PV	134265	001 00101	360.00	8-7
				ADS 8/7/14					
				Payment Amount				360.00	
72059	02/02/16	18914	WECK LABORATORIES, INC.	LAB SRV@TAPIA	PV	143972	001 00701	97.50	W6A0527-LV
				LAB SRV@LAB	PV	143973	001 00701	67.00	W5K1341-LV
				Payment Amount				164.50	
72060	02/02/16	8514	WEST COAST IRRIGATION	8" & 6" LAKE GASKETS	PV	143994	001 00751	59.13	8368
				Payment Amount				59.13	
				Total Amount of Payments Written				119,064.77	

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Total Number of Payments Written										
										37

Payment Number	Date	Address Number	Name	Payment Stub Message	Ty	Document . . . Number	Key Item Co	Amount	Invoice Number
72061	02/02/16	2956	SOUTH COAST AIR QUALITY MGMT DIST	EMSN#164911 LV-2	PV	143976	001 00101	121.44	2897498
				OPS FEE#164911	PV	143977	001 00101	346.54	2896466
				LV-2 ICE	PV	143978	001 00751	346.54	2892712
				ANL OP-ID#87606	PV	143979	001 00751	127.51	2893966
				RLV					
				EMSN-ID#87606	PV	143979	001 00751	127.51	2893966
				RLV					
				Payment Amount				942.03	
				Total Amount of Payments Written				942.03	
				Total Number of Payments Written				1	

Payment Number	Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Lim Co	Amount	Invoice Number
72062	02/02/16	9092	THE BANK OF NEW YORK MELLON	ADM	PV	143110	001 00230	544.50	252-1909545
				FEE-12/1/15-1 1/30/16					
				ADM	PV	143110	002 00230	1,105.50	252-1909545
				FEE-12/1/15-1 1/30/16					
				Payment Amount				1,650.00	
				Total Amount of Payments Written				1,650.00	
				Total Number of Payments Written			1		

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key lim	Key Co	Amount	Invoice Number
72071	02/09/16	20259	JOHN CALOZ	TURF RMVL REBATE	PV	143938	001	00101	1,320.00	280788
				Payment Amount					1,320.00	
72072	02/09/16	5688	JULIO CAMPOS	TURF RMVL REBATE	PV	143943	001	00101	11,382.00	451230
				Payment Amount					11,382.00	
72073	02/09/16	8839	CEDROS CONSTRUCTION INC	PROG PMT#1-PALO CMD PW MAIN PROG PMT#1-PALO CMD PW MAIN 5% RETENTION-PMT #1	PV	144036	001	00701	109,375.00	10606#1
				Payment Amount					500.00-	10606#1
				Payment Amount					5,443.75-	10606/RTN#1
72074	02/09/16	18118	CHANNEL ISLANDS PUBLIC MGMT ASSOC.-HR	2016 MBRSH-P-L.F.	PV	144055	001	00701	45.00	MBRSH-P/2016-L F
				Payment Amount					45.00	
72075	02/09/16	3172	CITY CLERKS ASSOCIATION OF CA.	2016 MBRSH-P-J.GUZM AN	PV	144024	001	00701	160.00	1186
				Payment Amount					160.00	
72076	02/09/16	2534	CITY OF CALABASAS	RFMD BAL - CLOSED A/C INTEREST	PV	144004	001	00101	1,313.32	9997362
				Payment Amount					2.73	9997362/INTER EST
				Payment Amount					1,316.05	
72077	02/09/16	2541	CITY OF WESTLAKE VILLAGE	PRMT-LK RPR@31926 WTRGT	PV	144053	001	00101	195.00	15/16-035
				Payment Amount					195.00	
72078	02/09/16	15925	CORTECH ENGINEERING, INC.	3 AIR OP DBL DIAPHRGM PMP	PV	144063	001	00701	8,927.10	59501
				Payment Amount					245.17	59501
				Payment Amount					9,172.27	
72079	02/09/16	6966	CS-AMSCO	3 AIR OP DBL DIAPHRGM PMP Payment Amount 2-6" PLUG	PV	143905	001	00701	3,265.64	10895

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Number	Date	Number				Number	Item Co		Number
				VLVS&EPOXY					
				FREIGHT	PV	143905	003 00701	69.46	10895
				Payment Amount				3,335.10	
72080	02/09/16	11330	DIAL SECURITY	12/26-12/31/1	PV	144041	001 00701	578.50	266424
				5 DRGHT					
				ENFRGMT	PV	144042	001 00701	1,565.50	266424
				12/26-12/31/1					
				5 DRGHT					
				ENFRGMT	PV	144043	001 00701	1,608.00	266520
				1/2-1/6/16					
				DRGHT ENFRGMT					
				Payment Amount				3,752.00	
72081	02/09/16	16387	BENNY DIBA	TURF RMVL	PV	143936	001 00101	1,472.00	1170596
				REBATE					
				Payment Amount				1,472.00	
72082	02/09/16	2654	FAMCON PIPE	CK	PV	144044	001 00701	1,864.99	176439
				VLV,ROMAGRP&D					
				ISC/STEM ASSY					
				Payment Amount				1,864.99	
72083	02/09/16	2655	FERGUSON ENTERPRISES	UNIONS & ELLS	PV	144045	001 00701	352.89	0538900
				2 BUTT STRAPS	PV	144046	001 00701	915.60	0538900-1
				ASHCROFT	PV	144047	001 00701	973.04	0538900-2
				GAUGES					
				Payment Amount				2,241.53	
72084	02/09/16	20266	HAMID GHOLAMI	RFND BAL -	PV	144008	001 00101	138.55	066064
				CLOSED A/C					
				Payment Amount				138.55	
72085	02/09/16	2701	GRAINGER, INC.	1-1/4" PRSSR	PV	143909	001 00751	435.69	9935485475
				RELIEF VLV					
				ULTRASNC LVL	PV	143910	001 00751	1,008.48	9930229381
				TRNSMTR					
				Payment Amount				1,444.17	
72086	02/09/16	3810	GREATER	ONLN	PV	144054	001 00701	485.00	241362

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Amount	Invoice Number
Number	Date	Number				Number	Item Co		Number
			CONEJO VALLEY	DIRECTRY&MBRS					
			CHAMBER OF COMMERC	HP 3/16-3/17					
72087	02/09/16	20267	MABEL HINDY	Payment Amount	PV	144009	001 00101	485.00	030601
				RFND BAL -				63.02	
				CLOSED A/C					
72088	02/09/16	16869	WEN HU	Payment Amount	PV	144019	001 00101	63.02	1140654
				TURF RMVL				6,000.00	
				REBATE					
72089	02/09/16	3083	JCI JONES CHEMICALS, INC	Payment Amount	PV	143901	001 00701	6,000.00	679189
				4,280 GAL				5,692.40	
				BISULFITE					
				INC					
			Alt Payee	JCI JONES CHEMICALS, INC					
				P.O. BOX 636877					
				CINCINNATI OH 45263-6877					
72090	02/09/16	5230	KENNEDY/JENKS CONSULTANTS	Payment Amount	PV	143903	001 00701	5,692.40	97949
				WTR SYS MODEL				2,830.00	
				EVAL					
72091	02/09/16	20268	SAMIYA KHAN	Payment Amount	PV	144010	001 00101	2,830.00	070149
				RFND BAL -				52.49	
				CLOSED A/C					
72092	02/09/16	20260	KEVIN KINDELT	Payment Amount	PV	143939	001 00101	52.49	690272
				TURF RMVL				2,240.00	
				REBATE					
72093	02/09/16	2789	LIEBERT CASSIDY WHITMORE	Payment Amount	PV	144056	001 00701	2,240.00	1413610
				PRF SRV-P/E				357.50	
				11/30/15 GEN					
72094	02/09/16	15552	ANDREW K. McLAREN	PRF SRV-P/E	PV	144057	001 00701	32.50	1414959
				12/31/15 GEN					
				Payment Amount				390.00	
72095	02/09/16	20263	BETTY MEHLING	TURF RMVL	PV	143935	001 00101	9,000.00	160331
				REBATE					
				Payment Amount				9,000.00	
72096	02/09/16	20269	HONG MOON	TURF RMVL	PV	143942	001 00101	2,372.00	352148
				REBATE					
				Payment Amount				2,372.00	
				RFND BAL -				15.59	
				CLOSED A/C					

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72097	02/09/16	18840	MP PRINTING & MAILING	19,000 IRRIG POL PRNT&MAILG 31,500 CRRNT FLW PRINTNG 315,000 BILLNG INVOICE	PV	144076	001 00701	2,657.61	60100
				Payment Amount				15.59	
72098	02/09/16	8349	HOWARD NAM	TURF RMVL REBATE	PV	144018	001 00101	3,872.00	341494
				Payment Amount				12,332.48	
72099	02/09/16	19887	OAKRIDGE GEOSCIENCE, INC.	10/24/15-1/26 /16 RAS PMP MNMTR	PV	144034	001 00701	500.00	002,001-4
				Payment Amount				3,872.00	
72100	02/09/16	17329	ODYSSEY POWER	PM@SITE GENERATORS PM@SITE GENERATORS PM@SITE GENERATORS PM@SITE GENERATORS	PV	144066	001 00701	1,080.00	64154
				Payment Amount				500.00	
72101	02/09/16	16372	OLIN CORPORATION - CHLORALKALI	4,954 GAL HYPOCHLORITE 4,956 GAL HYPOCHLORITE	PV	144027	001 00701	2,700.99	2113657
				Payment Amount				3,240.00	
72102	02/09/16	20270	LYNN OLSON	RFND BAL - CLOSED A/C	PV	144012	001 00101	86.56	052488
				Payment Amount				5,429.57	
72103	02/09/16	18084	PHOENIX CIVIL ENGINEERING,	PIE 1/15/16 AIR VAC	PV	144032	001 00701	325.00	PHOE15-422
				Payment Amount				86.56	

CO
1802

Alt Payee 16373 OLIN CORPORATION - CHLORALKALI
P.O. BOX 402766
ATLANTA GA 30384-2766

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72104	02/09/16	19133	PINNACLE PETROLEUM, INC.	RELOCTN Payment Amount 8,804 GAL REG 87 OCTANE GAS	PV	143907	001	00701	325.00 19,702.71	124045
72105	02/09/16	18530	PR ELECTRONICS INC.	Payment Amount PR TRANSMITTERS	PV	144033	001	00701	19,702.71 1,374.27	25902
72106	02/09/16	20272	PRIMEBORE CORP	PR TRANSMITTERS Payment Amount RFND BAL - CLOSED A/C	PV	144014	001	00101	11.25 1,385.52 1,313.32	9998527
72107	02/09/16	10238	R C BECKER & SON INC.	Payment Amount RFND BAL - CLOSED A/C	PV	144007	001	00101	384.12 384.12	09998542
72108	02/09/16	16212	RADWELL INTERNATIONAL, INC.	Payment Amount RPR EOTEC FIBR TRNSCVR	PV	144048	001	00701	856.00 856.00	INV2383177
72109	02/09/16	20261	CHRISTINE RIFKIN	Payment Amount TURF RMVL REBATE	PV	143940	001	00101	856.00 3,896.00	160150
72110	02/09/16	8285	SECURITY PAVING COMPANY INC.	Payment Amount RFND BAL - CLOSED A/C	PV	144016	001	00101	3,896.00 1,273.27	9998607
72111	02/09/16	19323	WILLIAM/GERTR UD SMITH	Payment Amount STNDBY CHG RFND-2015	PV	144028	001	00301	1,273.27 71.10	4456-033-056/ 2015
72112	02/09/16	17853	STATE WATER POLLUTION CLEANUP&ABATE MENT	Payment Amount ORDER#R4-2015 -0233	PV	144026	001	00751	71.10 18,000.00	R4-2015-0233
72113	02/09/16	4595	THE COPY DEPARTMENT	Payment Amount WJFP PLANS	PV	143911	001	00701	18,000.00 498.78	1485224
				Payment Amount WJFP & P/S SPECS	PV	143912	001	00701	1,199.13	1486220

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
72114	02/09/16	8193	THORSON GMC TRUCK	Payment Amount 2 CHVRLT XTND CAB TRCKS	PV	144065	001	00701	54,659.20	T44706
									1,697.91	
72115	02/09/16	16281	TOTAL AIR ANALYSIS, INC.	Payment Amount 5 IC ENGN COMPLNC TSTG	PV	144038	001	00701	7,100.00	161870
									54,659.20	
72116	02/09/16	20271	CAMILE TURNER	Payment Amount RFND BAL - CLOSED A/C	PV	144013	001	00101	16.82	063898
									7,100.00	
72117	02/09/16	2780	VALLEY NEWS GROUP	Payment Amount AD-IRRIG CHNG@1/21/16	PV	144023	001	00101	460.00	1-22
									16.82	
72118	02/09/16	18923	VAULT ACCESS SOLUTIONS	Payment Amount RAF VAULT LID 40"X70"O.D.	PV	144040	001	00701	4,300.00	191
									460.00	
72119	02/09/16	16623	VELOCITY TECHNOLOGY SOLUTIONS, INC.	Payment Amount MAR'16 DISASTR RECVRY	PV	144067	001	00701	3,114.00	311434
									4,300.00	
72120	02/09/16	18604	VENTURA PEST CONTROL	Payment Amount JAN'16 PEST CNTL JAN'16 PEST CNTL JAN'16 PEST CNTL	PV	143908	001	00701	110.00	501794
									3,114.00	
									110.00	
									380.00	
									195.00	
72121	02/09/16	2436	VINCE BARNES AUTOMOTIVE	Payment Amount VEH#865 OIL PAN GSKT VEH#849 FUEL TNK&SERPTN BLT VEH#849 ALTERNATR SRV VEH#803 HEATER SRV	PV	144072	001	00701	399.97	021343
									685.00	
									628.62	
									307.55	
									836.54	
72122	02/09/16	20264	TIMOTHY VIRAMONTES	Payment Amount TURF RMVL REBATE	PV	144020	001	00101	7,964.00	650554
									2,172.68	

Batch Number - 242507
 Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Ltm	Key Co	Amount	Invoice Number
72123	02/09/16	19685	W. LITTEN INC.	Payment Amount 1/3-1/9/16 SRV@RLV	PV	144030	001	00701	2,872.65	11050
72124	02/09/16	3037	WAITE BROS. PLUMBING	Payment Amount REBLD FLSH VLVS@OPS	PV	144078	001	00701	240.00	38847
72125	02/09/16	18521	WALTON MOTORS & CONTROLS, INC.	Payment Amount SUPPLY FAN MOTOR	PV	144035	001	00701	1,323.26	37620
72126	02/09/16	18914	WECK LABORATORIES, INC.	Payment Amount LAB SRV@MLK RES-TTHM	PV	144068	001	00701	120.00	W6A1365-LV
72127	02/09/16	3048	WEST COAST AIR CONDITIONING	Payment Amount A/C PM@BLDG#7&8	PV	144049	001	00701	395.00	S71891
72128	02/09/16	4830	WEST COAST ROTOR	Payment Amount ROTOR REFURBISH	PV	144039	001	00701	7,723.00	24811
72129	02/09/16	20273	MARK/DONNA WHITE	Payment Amount RFND BAL - CLOSED A/C	PV	144015	001	00101	43.37	042960
72130	02/09/16	20265	ROBERT WIDDEN	Payment Amount TURF RMVL REBATE	PV	144021	001	00101	2,892.00	540316
72131	02/09/16	6257	STEPHEN WURTZEL	Payment Amount TURF RMVL REBATE	PV	143944	001	00101	1,422.00	500091
72132	02/09/16	20262	SHEILA ZAMEL	Payment Amount TURF RMVL REBATE	PV	143941	001	00101	10,256.00	602020
									10,256.00	
									364,792.77	

Batch Number - 242507
Bank Account - 00146807 Cash-General

Payment Number	Date	Address Number	Name	Payment Stub Message	Document . . . Ty Number	Key Item Co	Amount	Invoice Number
								Total Number of Payments Written
								70



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

MINUTES
REGULAR MEETING

5:00 PM

January 26, 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, Jay Lewitt, Leonard Polan, Lee Renger, and Glen Peterson

Absent: None

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

2. APPROVAL OF AGENDA

General Manager David Pedersen 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 Caspary. Motion carried unanimously.

3. PUBLIC COMMENTS

None.

4. CONSENT CALENDAR

A List of Demands: January 26, 2016 - Approve

B Minutes: Regular Meeting of January 12, 2016 - Approve

C Cash and Investment Report for December 2015 - Receive and File

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

5. ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS

A Legislative and Regulatory Updates

General Manager David Pedersen reported that a response letter was sent to the State Water Resources Control Board (Water Board) regarding the Notice of Violation for the District failing to meet its water conservation standard. He noted the Water Board would be adopting revised emergency regulations at its meeting on February 2, 2016. He also noted that the Water Board was accepting comments through January 28, 2016, on proposed changes to the emergency regulations. He stated that District staff was working with MWD agency members to submit comments and to suggest that the Water Board focus more on efficiency standards. He reported that legislative bills would continue to be introduced through February 19, 2016, and the deadline for two-year bills to move out of the house of origin was the end of the month. He noted the District submitted comments for AB 163 (Herzberg) related to ocean discharge prohibition. He also noted that an Assembly Bill would be introduced by Assemblymember Eggman, which would propose forcing a statewide vote for the Sacramento-San Joaquin Delta fix and conveyance. He also noted that staff would be monitoring the "No Blank Checks" ballot initiative, which was filed by Stockton area farmer Dean Cortopassi. He also reported that Senator Dianne Feinstein would be proposing a drought bill, which would include short and long-term actions related to the ability to move water during wet periods and improving drought resiliency through desalination, recycled water, and storage, and including up to \$1.3 billion for projects. He noted that Las Virgenes Municipal Water District and other water agencies are mentioned in the bill as agencies eligible for water recycling funds.

D Water Supply Conditions and Drought Response

General Manager David Pedersen referred to the Water Supply Conditions chart in the agenda packet and made note of increased snowpack and precipitation.

6. TREASURER

Director Lewitt stated that the Treasurer's report was in order.

7. BOARD OF DIRECTORS

A Local Agency Formation Commission: Election of Special District Representative

Select a candidate to serve as the Local Agency Formation Commission Special District Representative and authorize the General Manager to execute and return the official voting ballot no later than 5:00 p.m. on Friday, April 8, 2016.

General Manager David Pedersen presented the report.

Director Caspary moved to vote for Donald L. Dear and approve Item 7A as presented. Motion seconded by Director Lewitt. Motion carried by the following vote:

AYES: Caspary, Lewitt, Renger, Peterson

NOES: None

ABSTAIN: Polan

8. FINANCE AND ADMINISTRATION

A Budget Planning Calendar for Fiscal Year 2016-17

Receive and file the Budget Planning Calendar for Fiscal Year 2016-17 and authorize implementation of a two-year budget process for Fiscal Years 2016 through 2018.

Director of Finance and Administration Donald Patterson presented the report.

Director Polan moved approve Item 8A as presented. Motion seconded by Director Caspary. Motion carried unanimously.

Board President Peterson asked staff to ensure that the budget schedule coincides with election years.

B Potable Water Standby Charge: Adoption of Ordinance

By a roll call vote, waive the full reading of proposed Ordinance No. 278 as it relates to continuation of the Water Replacement Fund Standby Charge for the fiscal year commencing July 1, 2016; give second reading of the Ordinance by title only; approve the rules and regulations for Water Standby Charge Deferrals; pass, approve and adopt the Ordinance as presented; and order publication within 15 days of adoption using a summary of the Ordinance.

ORDINANCE NO. 278

AN ORDINANCE OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT AS IT RELATES TO STANDBY CHARGES FOR THE FISCAL YEAR COMMENCING JULY 1, 2016

Director Renger moved waive the full reading of Ordinance No. 278 as it relates to continuation of the Water Replacement Fund Standby Charge for the fiscal year commencing July 1, 2016. Motion seconded by Director Caspary. Motion carried unanimously.

Director Renger moved to give second reading of Ordinance No. 278 by title only; approve the rules and regulations for Water Standby Charge Deferrals; pass, approve and adopt Ordinance No. 278 as presented; and order publication within 15 days of adoption using a summary of the ordinance. Motion seconded by Director Polan. Motion carried by the following roll call vote:

AYES: Caspary, Lewitt, Polan, Renger, Peterson

NOES: None

ABSENT: None

District Counsel Keith Lemieux read Ordinance No. 278 in title only.

9. INFORMATION ITEMS

A Potable Water Air-Vacuum Release Valves Relocation: Award of Final Design Contract

10. NON-ACTION ITEMS

A Organization Reports

(1) MWD Representative Report

Board President Peterson reported that the MWD Special Committee on the Bay-Delta met earlier in the day to discuss the planning process for the delta tunnels and the upcoming hearing before the State Water Board. He also reported that he visited the breaks in the State Water Project. He commented that the canal is a massive facility, which is currently filled with 50-year old debris. He noted that repairs to the canal would entail the use of new fiber membrane technology.

(2) Other

B Director's Reports on Outside Meetings

Director Caspary reported he attended the Association of Water Agencies of Ventura County WaterWise Breakfast on January 21, 2016, where guest speaker Eric Boldt from

the National Oceanic and Atmospheric Administration/National Weather Service spoke regarding snowpack, water outlook, and El Niño weather conditions.

C General Manager Reports

(1) General Business

General Manager David Pedersen reported that the District received notice of award of Proposition 84 grant funds in the amount of \$2 million to be used for the Calleguas – Las Virgenes Interconnection Project. He reminded the Board that a Special Meeting of Las Virgenes – Triunfo Joint Powers Authority would be held on January 27, 2016, at 5:30 p.m., in the Board Room for the Recycled Water Seasonal Storage Basis of Design Workshop No. 2. He also reminded the Board that a Calleguas – Las Virgenes Public Financing Authority Meeting would be held on February 9, 2016, at 4:30 p.m., in the Board Room to consider refunding bonds. He stated that staff was proposing to cancel the February 23, 2016 Board Meeting due to lack of quorum because three of the Board members would be in Washington, D.C. He also stated that MWD staff had set up the annual student art exhibit in the District's Atrium.

(2) Follow-Up Items

D Directors' Comments

None.

11. FUTURE AGENDA ITEMS

Director Polan moved for a Future Agenda Item to discuss funding a long-term study to evaluate water quality and contaminants of emerging concern and impacts on health in general. Motion died for lack of a second.

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)):

Las Virgenes – Triunfo Joint Powers Authority v. United States Environmental Protection Agency and Heal the Bay, Inc. v. Lisa P. Jackson

15. OPEN SESSION AND ADJOURNMENT

Seeing no further business to come before the Board, the meeting was duly adjourned at **5:37 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)

February 2, 2016

To: Payroll

From: David W. Pedersen
General Manager**RE: Per Diem Request – January 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* – 6 MWD** – 6	12	\$200.00	\$2,400.00
Leonard Polan	5	\$200.00	\$1,000.00
Lee Renger	5	\$200.00	\$1,000.00

*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


 To: Clerk of the Board Director's Name: Glen Peterson
 Month of: Dec-15 Division: 2


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

Date(s)	# of Days Claimed		Reimbursible Expenses ² (Y/N)	Check One		Event Title
	Event	Travel ¹		Total	MWD	
1/4/16	1		1 n		x	JPA meeting
1/6/16	1		1 n/a	x		Prep for E & O Committee
1/8/16	1		1 n/a	x		Northern Caucus
1/11/16	1		1 n	x		Committee meetings
1/12/16	1		1 n/a	x	x	Committee and Board meetings
1/13/16	1		1 n/a	x		Colorado River Board of California/ Ontario
1/19/16	1		1	x		Pre Bay Delta meeting
1/21/16	1		1		x	AWA Oxnard
1/22/16	1		1 yes		x	ACWA State Leg committee/ Sacramento
1/25/16	1		1 n/a	x		Inspection with Chairman of Break in SWP
1/26/16	1		1 n/a	x	x	Committee meetings and Board meeting
1/27/16	1		1 n/a		x	Special JPA meeting
			12			

Date Submitted: 1/26/16
 Director Signature: 

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.

LAS VIRGENES MUNICIPAL WATER DISTRICT - PER DIEM REPORT

	To:	Dave Pedersen	Director's Name:	Lee Renger		
	Month of January 2016		Division:	3		
The following are Las Virgenes Municipal Water District Board of Directors Meetings, Committee Meetings/Conferences I have attended:						
Date(s)	# of Days Claimed	Reimbursible Expenses ²		Event Title		
		Travel 1	Total		Check One	
	Event			MWD	LVMWD	
1/4/2016	1		1		X	JPA BOARD MEETING
1/12/2016	1		1		X	LVMWD BOARD MEETING
1/21/2016	1		1		X	AWA BREAKFAST
1/26/2016	1		1		X	LVMWD BOARD MEETING
1/27/14	1		1		X	JPA Special Meeting - workshop
TOTAL			5			

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.



February 9, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject : Financial Review: Second Quarter of Fiscal Year 2015-16

SUMMARY:

The second quarter financial review presents data as of December 31, 2015. Overall, operating revenues through the second quarter of Fiscal Year 2015-16 were 3.0% lower than budgeted, which was offset by operating expenses at 6.6% below budget.

RECOMMENDATION(S):

Receive and file the financial review for the second quarter of Fiscal Year 2015-16.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

FINANCIAL IMPACT:

There is not financial impact associated with this action.

DISCUSSION:

The second quarter financial review presents data as of December 31, 2015. This represents the halfway point of the fiscal year. It is important to note that due to the timing of various projects and payments, the second quarter report should be used primarily to identify areas where attention needs to be focused to determine if there is an emerging trend that may affect the District's position at fiscal year-end.

Attachment A provides a table summarizing the Fiscal Year 2015-16 year-to-date financial results. The amounts in the "FY 2014-15 YTD Actual" column represent the revenues and expenditures through the second quarter of the prior fiscal year. The "FY 2015-16 YTD Budget" column represents the budget through the second quarter of the current fiscal year. The "FY 2015-16 YTD Actual" column represents the second quarter actuals for the current fiscal year.

The following is a summary of the second quarter financial results:

	FY 2015/16 Budget	FY 2015/16 Actual	Variance from Budget	Prior Year Actual	Variance from Prior Year
Potable Water Revenue	\$16,286,545	\$15,993,877	(\$292,668)	\$19,015,601	(\$3,021,724)
Potable Water Expense	\$17,725,805	\$17,462,774	(\$263,031)	\$18,348,275	(\$885,501)
Recycled Water Revenue	\$3,829,831	\$3,375,477	(\$454,354)	\$4,229,633	(\$854,156)
Recycled Water Expense	\$2,695,231	\$2,001,642	(\$693,589)	\$1,551,953	\$449,689
Sanitation Revenue	\$8,712,928	\$8,601,602	(\$111,326)	\$8,643,865	(\$42,263)
Sanitation Expense	\$5,787,043	\$5,023,743	(\$763,300)	\$5,261,815	(\$238,072)
Capital Project Expenses		\$2,673,296		\$3,111,074	(\$437,778)

Potable Water Operations:

Revenues for potable water were 1.8% lower than budget and 15.9% lower than FY 2014-15. The variance from prior fiscal year was primarily due to reduced demand as a result of continued conservation efforts. Potable water expenses were 1.5% lower than budget and 4.8% lower than FY 2014-15.

Recycled Water Operations:

Recycled water sales continued to be lower than anticipated in the budget, mainly driven by conservation measures. Revenues for recycled water were 11.9% lower than budget and 20.2% lower than FY 2014-15. Recycled water expenses were 29.0% lower than budget and 25.7% lower than FY 2014-15.

Sanitation Operations:

Sanitation revenues for the second quarter were 1.3% lower than budget and 0.5% lower than FY 2014-15. Sanitation expenses were 13.2% lower than budget and 4.5% lower than FY 2014-15.

Attachment B provides a graphical summary of the second quarter financial results.

Attachment C provides a summary of the financial results for the District's second quarter capital improvement projects.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Mark Uribe, Finance Manager

ATTACHMENTS:

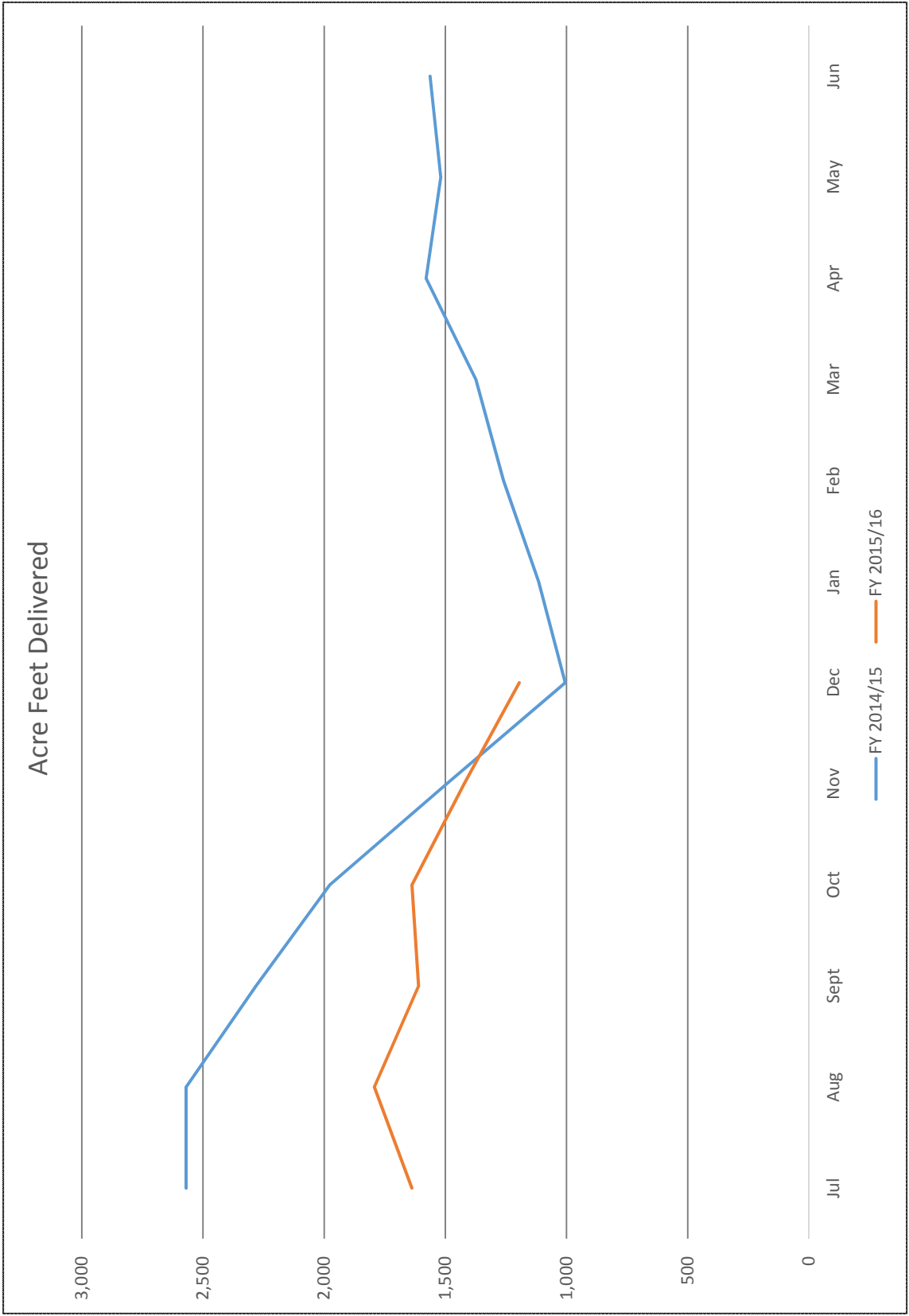
Attachment A: Summary of YTD Financial Results

Attachment B: Graphical Summary of YTD Financial Results

Attachment C: Financial Results for Capital Improvement Projects

Las Virgenes Municipal Water District
Quarterly Update - December 31, 2015
Fiscal Year 2015/16 Year to Date

	FY 2014/15 YTD Actual	FY 2015/16 YTD Budget	FY 2015/16 YTD Actual
<u>All Enterprises</u>			
Total Operating Revenues	\$31,889,099	\$28,829,304	\$27,970,956
Expenses:			
Source of Supply	\$13,517,657	\$12,595,578	\$12,175,852
Purchased Services	\$4,570,262	\$4,995,752	\$4,298,384
O&M Expenses	\$3,284,322	\$4,064,969	\$4,063,019
Administrative	\$3,789,801	\$4,551,780	\$3,950,903
Total Operating Expenses	<u>\$25,162,042</u>	<u>\$26,208,079</u>	<u>\$24,488,158</u>
Income available for Replacement & Debt Service	<u>\$6,727,057</u>	<u>\$2,621,225</u>	<u>\$3,482,798</u>
<u>Potable Water Operations</u>			
Total Operating Revenues	\$19,015,601	\$16,286,545	\$15,993,877
Expenses:			
Source of Supply	\$12,208,661	\$10,240,902	\$10,421,590
O&M Expenses	\$3,093,804	\$3,786,563	\$3,858,598
Administrative	\$3,045,810	\$3,698,340	\$3,182,586
Total Operating Expenses	<u>\$18,348,275</u>	<u>\$17,725,805</u>	<u>\$17,462,774</u>
Income available for Replacement & Debt Service	<u>\$667,326</u>	<u>(\$1,439,260)</u>	<u>(\$1,468,897)</u>
<u>Recycled Water Operations</u>			
Total Operating Revenues	\$4,229,633	\$3,829,831	\$3,375,477
Expenses:			
Source of Supply	\$1,308,996	\$2,354,676	\$1,754,262
O&M Expenses	\$55,360	\$105,145	\$68,107
Administrative	\$187,597	\$235,410	\$179,273
Total Operating Expenses	<u>\$1,551,953</u>	<u>\$2,695,231</u>	<u>\$2,001,642</u>
Income available for Replacement & Debt Service	<u>\$2,677,680</u>	<u>\$1,134,600</u>	<u>\$1,373,835</u>
<u>Sanitation Operations</u>			
Total Operating Revenues	\$8,643,865	\$8,712,928	\$8,601,602
Expenses:			
Purchased Services	\$4,570,262	\$4,995,752	\$4,298,384
O&M Expenses	\$135,159	\$173,261	\$136,315
Administrative	\$556,394	\$618,030	\$589,044
Total Operating Expenses	<u>\$5,261,815</u>	<u>\$5,787,043</u>	<u>\$5,023,743</u>
Income available for Replacement & Debt Service	\$3,382,050	\$2,925,885	\$3,577,859





Quarterly Financial Report

FY2015/16 Year to Date as of December 31, 2015

	FY2014/15 Actual YTD	FY2015/16 Budget YTD	FY2015/16 Actual YTD
Total Revenues	\$33,112,201	\$29,973,998	\$29,115,650
Total Expenses	\$25,682,585	\$26,676,019	\$24,956,098
Net Sources (Uses) of Funds	\$7,429,616	\$3,297,979	\$4,159,552

All Enterprises – Variances to Prior Year and to Budget

Second Quarter FY 2015-16

	FY 2014/15 Actual	FY 2015/16 Budget	FY 2015/16 Actual	Variance from Budget	Variance from Prior Year
Potable Water Revenue	\$19,015,601	\$16,286,545	\$15,993,877	(\$292,668)	(\$3,021,724)
Potable Water Expense	\$18,348,275	\$17,725,805	\$17,462,774	(\$263,031)	(\$885,501)
Recycled Water Revenue	\$4,229,633	\$3,829,831	\$3,375,477	(\$454,354)	(\$854,156)
Recycled Water Expense	\$1,551,953	\$2,695,231	\$2,001,642	(\$693,589)	\$449,689
Sanitation Revenue	\$8,643,865	\$8,712,928	\$8,601,602	(\$111,326)	(\$42,263)
Sanitation Expense	\$5,261,815	\$5,787,043	\$5,023,743	(\$763,300)	(\$238,072)
Capital Project Expenses			\$2,673,296		\$3,111,074

Total Enterprise Operation

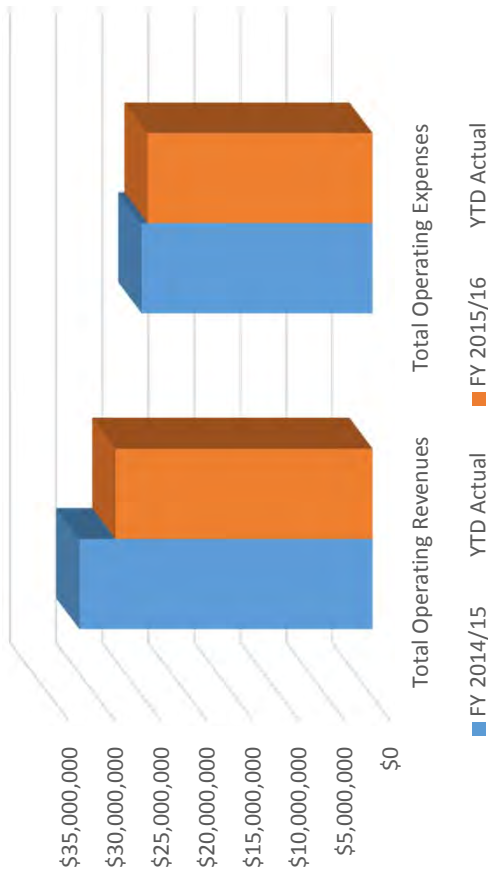
Year-to-Date



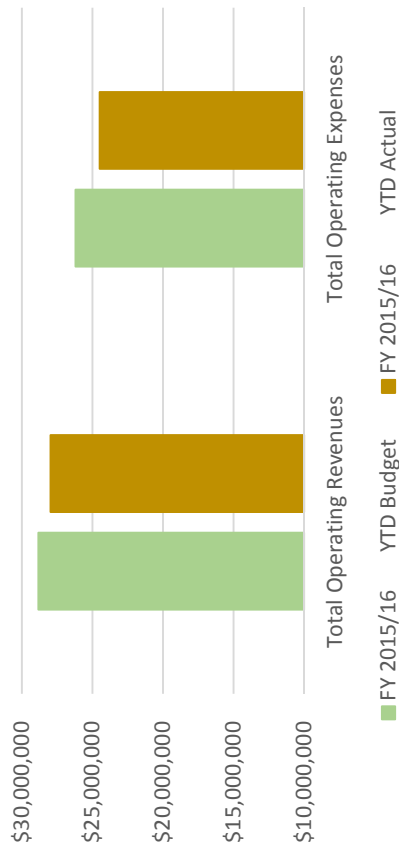
Second Quarter FY 2015/16

	FY 2014/15 YTD Actual	FY 2015/16 YTD Budget	FY 2015/16 YTD Actual
Total Operating Revenues	\$31,889,099	\$28,829,304	\$27,970,956
Expenses:			
Source of Supply	\$13,517,657	\$12,595,578	\$12,175,852
Purchased Services	\$4,570,262	\$4,995,752	\$4,298,384
O&M Expenses	\$3,284,322	\$4,064,969	\$4,063,019
Administrative	\$3,789,801	\$4,551,780	\$3,950,903
Total Operating Expenses	\$25,162,042	\$26,208,079	\$24,488,158
Income available for Replacement & Debt Service	\$6,727,057	\$2,621,225	\$3,482,798

Operating Revenue & Expenses YTD Comparison



FY 2015/16 Budget vs. Actual



Potable Water

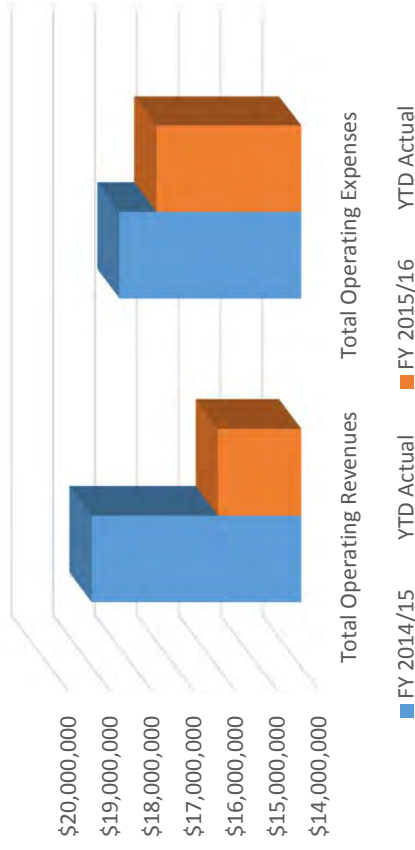
Year-to-Date



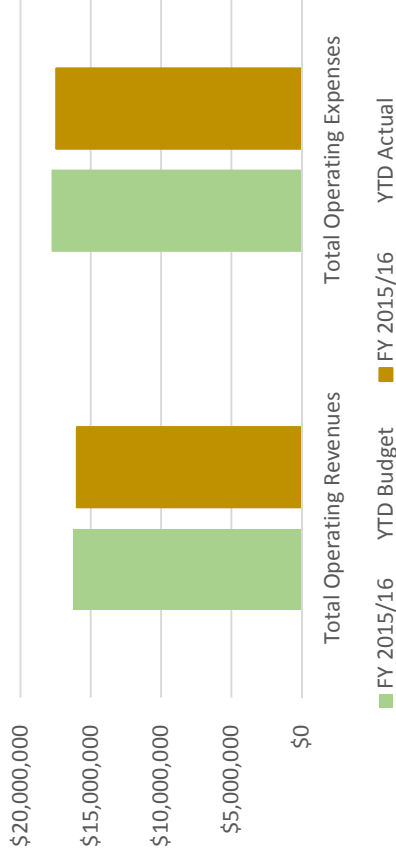
Second Quarter FY 2015/16

Total Operating Revenues	\$19,015,601	\$16,286,545	\$15,993,877
Expenses:			
Source of Supply	\$12,208,661	\$10,240,902	\$10,421,590
O&M Expenses	\$3,093,804	\$3,786,563	\$3,858,598
Administrative	\$3,045,810	\$3,698,340	\$3,182,586
Total Operating Expenses	\$18,348,275	\$17,725,805	\$17,462,774
Income available for Replacement & Debt Service	\$667,326	(\$1,439,260)	(\$1,468,897)

Potable Water
Operating Revenue & Expenses YTD Comparison



Potable Water
Year to Date Budget vs. Actual



Recycled Water

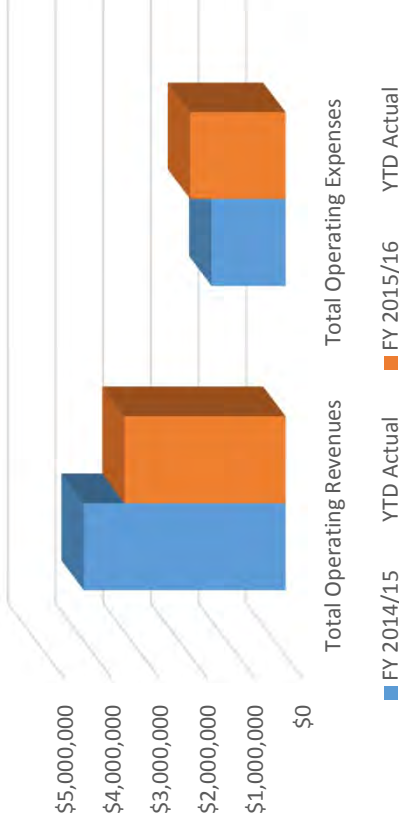
Year-to-Date



Second Quarter FY 2015/16

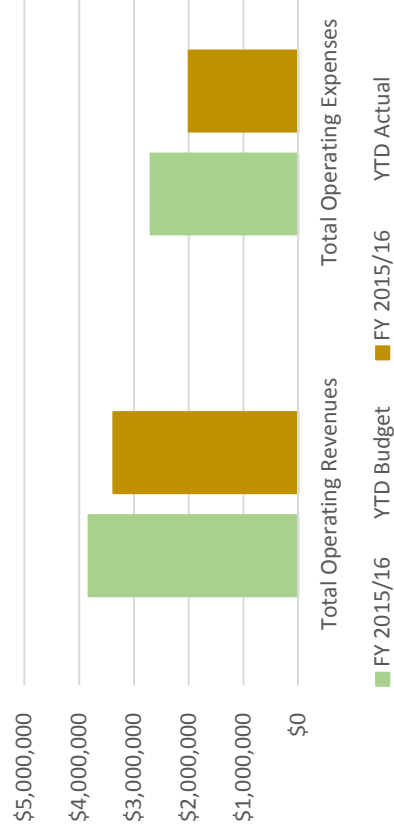
Total Operating Revenues	\$4,229,633	\$3,829,831	\$3,375,477
Expenses:			
Source of Supply	\$1,308,996	\$2,354,676	\$1,754,262
O&M Expenses	\$55,360	\$105,145	\$68,107
Administrative	\$187,597	\$235,410	\$179,273
Total Operating Expenses	\$1,551,953	\$2,695,231	\$2,001,642
Income available for Replacement & Debt Service	\$2,677,680	\$1,134,600	\$1,373,835

Recycled Water
Operating Revenue & Expenses YTD Comparison



Recycled Water

Year to Date Budget vs. Actual



Sanitation

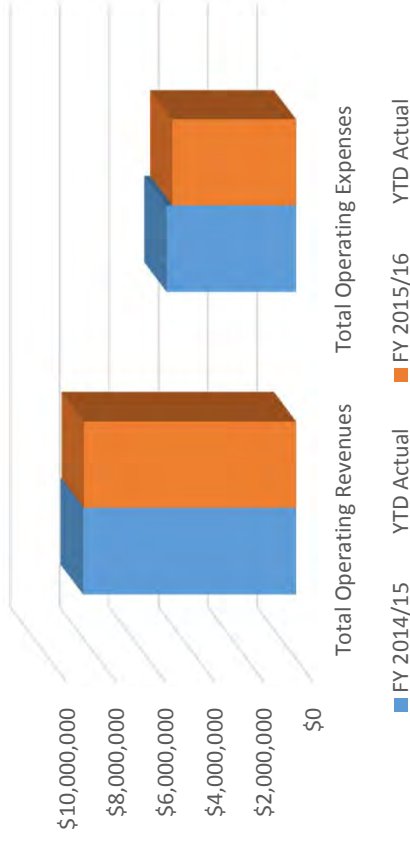
Year-to-Date



Second Quarter FY 2015/16

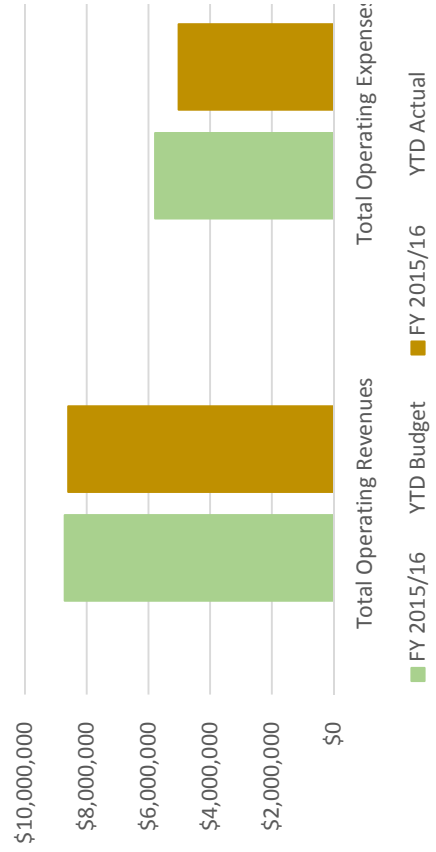
Total Operating Revenues	\$8,643,865	\$8,712,928	\$8,601,602
Expenses:			
Purchased Services	\$4,570,262	\$4,995,752	\$4,298,384
O&M Expenses	\$135,159	\$173,261	\$136,315
Administrative	\$556,394	\$618,030	\$589,044
Total Operating Expenses	\$5,261,815	\$5,787,043	\$5,023,743
Income available for Replacement & Debt Service	\$3,382,050	\$2,925,885	\$3,577,859

Sanitation
Operating Revenue & Expenses YTD Comparison



Sanitation

Year to Date Budget vs. Actual



**Las Virgenes Municipal Water District
Capital Improvement Project Status
December 31, 2015**

Job # - Description

Job # - Description	Total Project Appropriations	Prior Year Expenditures	Current Year Expenditures	Total Project Expenditures	Balance Available
Completed Projects					
10476 5 MG Tank @ LV Reservoir New 5 million gallon concrete reservoir (tank) near the Las Virgenes reservoir.	\$13,606,169	\$12,714,997	\$335,570	\$13,050,567	\$555,602
10487 Construct 3rd Digester @Rancho Construct a third anaerobic digester at the Rancho Composting Facility. Construction complete, accepted by JPA Board of Directors on January 5, 2015. Item 5B.	\$7,423,548	\$7,876,866	\$8,914	\$7,885,780	(\$462,232)
10508 Tank Renovation:Calabasas Tank Coating, repairs and mechanical improvements to the Calabasas water tank. Construction complete, accepted by Board of Directors on June 9, 2015.	\$2,756,038	\$2,757,483	\$2,472	\$2,759,955	(\$3,917)
10522 Rsvr #2 Imprvmnt (Lining Cover Cement lining of slopes of Reservoir No. 2. (recycled water). Final acceptance approved 7/14/2015.	\$1,607,010	\$1,503,277	\$187	\$1,503,464	\$103,546
10538 Tapia Channel Mixing Improvmt Replace air channel mixing components at the Tapia water reclamation facility (WRF).	\$1,109,242	\$92,939	\$1,106,241	\$1,199,180	(\$89,938)
10543 Bldg. 7 & 8 HVAC Integration Upgrade and replace LVMWD campus air conditioner and chiller system. In Progress / Construction	\$297,990	\$297,106	\$1,305	\$298,411	(\$421)
10562 Tapia Structural Repairs Tapia Structural Repairs (combined with IIP No. 10582).	\$46,500	\$2,345	\$238	\$2,583	\$43,917
10573 Sewer Grit Handling Development of a sewer grit dewatering, removal and handling system at Tapia.	\$50,000	\$13,680	\$30,723	\$44,403	\$5,597
10582 Tapia Balancg Pond Sealant Rpl Replace sealant in balancing pond and fix sub grade of the return activated sludge (R.A.S.) pumps to address settling.	\$80,500	\$22,060	\$10,762	\$32,822	\$47,678
Total Completed Projects	\$26,976,997	\$25,280,753	\$1,496,412	\$26,777,165	\$199,832
Projects to complete by June 30, 2016					

Job # - Description

Job # - Description	Total Project Appropriations	Prior Year Expenditures	Current Year Expenditures	Total Project Expenditures	Balance Available
Projects to complete by June 30, 2016					
10418 Rehab 18" RW Pipe (Tapia/Milhd) Replace failing recycled water pipelines between Tapia WRF and Mulholland Highway.	\$443,231	\$324,336	\$2,147	\$326,483	\$116,748
10539 Saddletree Tank Improvements Perform recommended interior and exterior overhaul of the Saddletree water tank.	\$554,606	\$16,256	\$6,445	\$22,701	\$531,905
10541 Building 8 Computer Cntr Upgrd Upgrade District campus computer systems to provide additional protection of equipment and data.	\$199,070	\$19,070	\$9,859	\$28,929	\$170,141
10542 Vault Lid Replacement Replace potable water system vault lids to provide safer and easier access. In Progress / Construction	\$506,750	\$332,026	\$0	\$332,026	\$174,724
10559 Manhole Rehab, F2/F3 Line Rehabilitate manholes identified and prioritized in the Sewer Rehabilitation Study.	\$291,500	\$0	\$2,495	\$2,495	\$289,005
10560 Rancho:Rehab Existg CentrateLn Provide mechanical and/or chemical cleaning of minerals from the existing centrate line.	\$175,390	\$0	\$0	\$0	\$175,390
10564 Centrate Equalization Tank Construct a centrate equalization tank at the centrate treatment facility at Tapia.	\$1,250,519	\$42,197	\$98,289	\$140,486	\$1,110,033
10565 Rancho LV:Digester Cleang/Rpr Clean out and evaluate the condition of digesters that have been in service for more than 20 years.	\$287,500	\$0	\$0	\$0	\$287,500
10568 Twin Lakes Trnk Drainage Proj. Replace the existing drainage system at the Twin Lakes tank site. Design	\$346,000	\$49,834	\$16,967	\$66,801	\$279,199
10570 RLV Compost Fac: New Loader Purchase of replacement loader for use at Rancho. In Progress / Construction	\$180,000	\$0	\$0	\$0	\$180,000
10583 Fleet Maint-Oil Lub System Replace failing oil lubrication system for routine maintenance of District vehicles. In Progress / Construction	\$21,500	\$0	\$10,478	\$10,478	\$11,022
10585 IT Capital Purchases-FY 14-15 Purchase of Information Technology related software and equipment.	\$145,500	\$52,935	\$14,807	\$67,742	\$77,758

<i>Job # - Description</i>	<i>Total Project Appropriations</i>	<i>Prior Year Expenditures</i>	<i>Current Year Expenditures</i>	<i>Total Project Expenditures</i>	<i>Balance Available</i>
Projects to complete by June 30, 2016					
10589 WIMS Software Implementation Purchase and installation of water information management solution (WIMS). In Progress / Construction	\$32,350	\$25,740	\$0	\$25,740	\$6,610
10594 CIS Infinity Modif-Bdg BsRt Modify District's billing software to accommodate water budget based rate structure.	\$95,000	\$0	\$0	\$0	\$95,000
10598 Vehicle Rpl Program - FY15-16 Systematic replacement of district fleet based on age and condition of vehicles.	\$175,000	\$0	\$35,736	\$35,736	\$139,264
10599 Construction Services Truck Purchase new Construction Services Truck to replace aging fleet vehicle.	\$150,000	\$0	\$0	\$0	\$150,000
10604 EOC-Dedicated Equip Crash Cart This project is to fund and purchase technology equipment necessary to establish a dedicated EOC (emergency operations center) crash cart.	\$25,000	\$0	\$0	\$0	\$25,000
10605 Performance Evaluation S/Ware The District's employee performance evaluation software is at end-of-live and is no longer supported by the vendor. This project will identify a solution to support employee performance appraisals.	\$15,000	\$0	\$0	\$0	\$15,000
10606 Palo Comado Cyn Rd PW Main Ric Relocate potable water main to public right-of-way for Palo Comado Canyon Road to improve accessibility and facilitate future maintenance. Appropriation of \$150,000 approved by Board of Directors 8/25/2015, Item 8A	\$150,000	\$0	\$57,534	\$57,534	\$92,466
Total Projects to complete by June 30, 2016	\$5,043,916	\$862,394	\$254,757	\$1,117,151	\$3,926,765
Multi-Year Projects					
10236 Raise Air Vac Valves Install air-vacuum valves and piping modifications in West Hills and Hidden Hills.	\$381,621	\$44,853	\$3,908	\$48,761	\$332,860
10430 Twin Lakes P/S Pipeline Proj. New pipeline through Chatsworth Park to the Twin Lakes pump station. Design Complete	\$1,700,000	\$20,490	\$973	\$21,463	\$1,678,537
10520 SCADA System Communictn Upgrd Upgrade the JPA owned portion of the supervisory control and data acquisition system (SCADA) system to an Ethernet based radio network and provide additional data paths for system redundancy.	\$93,100	\$32,447	\$0	\$32,447	\$60,653

Job # - Description

Total Project Appropriations **Prior Year Expenditures** **Current Year Expenditures** **Total Project Expenditures** **Balance Available**

Multi-Year Projects

10521 SCADA System Comm Upgrd (LV) Upgrade the LVMWD owned portion of the supervisory control and data acquisition system (SCADA) system to an Ethernet based radio network and provide additional data paths for system redundancy.	\$1,387,232	\$140,557	\$0	\$140,557	\$1,246,675
10540 Lost Hills Overpass RW Main Relocation of recycled water main due to demolition of Lost Hills overpass.	\$765,101	\$93,914	\$10,987	\$104,901	\$660,200
10551 Centrate System-Pump Impellers Upgrade Rancho centrate system pump impellers to handle solids in the system. In Progress / Construction	\$35,000	\$0	\$0	\$0	\$35,000
10556 Interconnection With CMWD Design and construct a potable water interconnection with the Calleguas Municipal Water District.	\$704,768	\$42,869	\$54,212	\$97,081	\$607,687
10557 Westlake Filtrn Plant Expansn Replace pumps and motors to increase capacity and reduce regulatory requirements. Design	\$5,127,017	\$274,864	\$55,346	\$330,210	\$4,796,807
10558 Westlake P/S Upgrade Update aging pump engines to achieve higher flow rate and provide better utilization of reservoir when it is at lower levels. Design	\$5,149,234	\$195,710	\$47,775	\$243,485	\$4,905,749
10563 Tapia Supplmntl Carbon Study Study to identify supplemental carbon sources needed for the biological denitrification process at Tapia.	\$85,000	\$0	\$0	\$0	\$85,000
10567 Progimble Logic Contrlr Upgrd Replace obsolete programmable logic controllers and upgrade other electrical equipment at Tapia.	\$216,500	\$0	\$0	\$0	\$216,500
10572 Agoura Rd Widening Project Valve cover, manhole lid and relocation of appurtenances following following street overlays. In Progress / Construction Reimbursed through Measure R funding	\$60,000	\$16,258	\$80,596	\$96,854	(\$36,854)
10574 Rancho Facility Improvement Replace and repair significant components of the JPA's Rancho Las Virgenes Composting Facility	\$384,000	\$74,496	\$61,604	\$136,100	\$247,900
10576 Building No. 7 Improvement Interior painting, warehouse lighting, locker room countertop, parking lot slurry seal, Building #7 (LVMWD Campus). In Progress / Construction	\$47,000	\$0	\$1,711	\$1,711	\$45,289
10577 PW Pump Station Improvements Repair and replace potable water system pump station components.	\$28,500	\$3,311	\$0	\$3,311	\$25,189



<i>Job # - Description</i>	<i>Total Project Appropriations</i>	<i>Prior Year Expenditures</i>	<i>Current Year Expenditures</i>	<i>Total Project Expenditures</i>	<i>Balance Available</i>
Multi-Year Projects					
10578 Security Upgrades-LVMWD Security improvements at LVMWD facilities. In Progress / Construction	\$31,000	\$0	\$4,198	\$4,198	\$26,802
10579 Security Upgrades- JPA Security improvements at JPA facilities. In Progress / Construction	\$32,000	\$0	\$18,244	\$18,244	\$13,756
10581 PW System Equipment Upgrades Replace emergency generator components and filter pump components for the potable water system. In Progress / Construction	\$38,500	\$1,984	\$4,400	\$6,384	\$32,116
10587 RW Storage Study-FY 14-15 Study of potential recycled water storage areas. Appropriation of \$406,480 approved by JPA Board of Directors 9/1/2015, Item 6A	\$721,644	\$174,716	\$216,493	\$391,209	\$330,435
10588 Woodland Hills Golf Crs-RW Ext Installation of a recycled water pipeline to the City of Los Angeles. Expenses under this project will be reimbursed by the Los Angeles Department of Water and Power. Project is 100% funded by Los Angeles Department of Water and Power.	\$1,338,638	\$12,366	\$198,289	\$210,655	\$1,127,983
10590 PW System Rehab.- FY 14-15 Multiple year programs to maintain reliable service within the potable water system by replacing PRV stations. Design	\$469,709	\$0	\$100,698	\$100,698	\$369,011
10592 Agoura Rd. RW Main Extension Construct 5,000 feet of recycled water main extension along Agoura Road. Project managed by City of Agoura Hills	\$1,272,665	\$1,192	\$14,653	\$15,845	\$1,256,820
10593 CIS Infinity Software Upgrade Purchase and migrate to latest version of District's billing system.	\$95,000	\$0	\$0	\$0	\$95,000
10595 Tapia Primary Flow Diversion Installation of permanent piping to convey primary effluent to RAS re-aeration basins.	\$44,000	\$0	\$0	\$0	\$44,000
10596 Lift Stations PLC Upgrades This project replaces programmable logic controllers (PLCs) at the Lift Stations with newer PLCs and provides necessary equipment upgrades (fiber optics, network switches and programming) to complete the installation.	\$47,180	\$0	\$0	\$0	\$47,180
10597 Tapia E&I Upgrades 1. Replace obsolete and malfunctioning mechanical protective relays for generators with new solid state controls. 2. Install roots blower/motor vibration system to protect expensive motor and reduce repair cycle. 3. Roots interface upgrade. 4. Replace	\$137,250	\$0	\$0	\$0	\$137,250

<i>Job # - Description</i>	<i>Total Project Appropriations</i>	<i>Prior Year Expenditures</i>	<i>Current Year Expenditures</i>	<i>Total Project Expenditures</i>	<i>Balance Available</i>
Multi-Year Projects					
10600 Tapia WRF Reliability Imprvmnt Replace or rehabilitate facilities and equipment at the Tapia Water Reclamation Facility (WRF) based on failure, exceedence of useful life, or obsolescence.	\$100,000	\$0	\$6,771	\$6,771	\$93,229
10601 Rancho Reliability Improvement Replace or rehabilitate facilities and equipment at the Rancho facility based on failure, exceedence of useful life, or obsolescence.	\$100,000	\$0	\$6,771	\$6,771	\$93,229
10602 Misc RW Extension Funding to develop miscellaneous recycled water system extensions.	\$106,000	\$0	\$6,921	\$6,921	\$99,079
10603 Bldg.1 Tenant Imprvmnt-FY15-16 Provide necessary improvements and upgrades to building 1 to enhance rental marketability.	\$430,000	\$0	\$27,577	\$27,577	\$402,423
Total Multi-Year Projects	\$21,127,659	\$1,130,027	\$922,127	\$2,052,154	\$19,075,505
Projects on Hold					
10446 Buffer Land at Rancho This is a placeholder program for potential acquisition of additional buffer land around Rancho (no property is currently identified). Placeholder	\$250,000	\$0	\$0	\$0	\$250,000
10493 Tapia: Sludge Screening Install a screener for primary and secondary sludge at Tapia. Project On Hold	\$385,000	\$0	\$0	\$0	\$385,000
10513 Tapia Gate & Drive Rpl-FY12-13 Replaces existing gates in the tanks and channels at Tapia as well as drive mechanisms for flights and chains.	\$309,650	\$7,768	\$0	\$7,768	\$301,882
10537 Raw Sludge WetWell Mixing Impv Replace the existing raw sludge mixing pump at Tapia with a more suitable unit. Project On Hold	\$127,000	\$0	\$0	\$0	\$127,000
10586 AMR Implementation- FY 14-15 Installation of automated meter reading/advanced metering infrastructure (AMR/AMI) for the potable water system. In Progress / Construction	\$1,275,000	\$0	\$0	\$0	\$1,275,000
Total Projects on Hold	\$2,346,650	\$7,768	\$0	\$7,768	\$2,338,882

<i>Job # - Description</i>	<i>Total Project Appropriations</i>	<i>Prior Year Expenditures</i>	<i>Current Year Expenditures</i>	<i>Total Project Expenditures</i>	<i>Balance Available</i>
<i>Totals</i>	<u>\$55,495,222</u>	<u>\$27,280,942</u>	<u>\$2,673,296</u>	<u>\$29,954,238</u>	<u>\$25,540,984</u>
<i>Less: Triunfo Sanitation District's share of JPA Projects</i>	<u>\$5,441,816</u>	<u>\$3,027,949</u>	<u>\$525,867</u>	<u>\$3,553,817</u>	<u>\$1,888,000</u>
<i>Total Las Virgenes share: All Projects</i>	<u>\$50,053,406</u>	<u>\$24,252,993</u>	<u>\$2,147,429</u>	<u>\$26,400,421</u>	<u>\$23,652,984</u>



February 9, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject : Uniform Service Contact: Award

SUMMARY:

On October 27, 2015, the Board authorized a Request for Proposals for uniform service. Two proposals were received and evaluated by staff. Upon completion of the evaluation process, the proposal submitted by Prudential Overall Supply was identified as the highest scoring. As a result, staff recommends the Board accept the proposal from Prudential and authorize the General Manager to execute a contract for the service.

RECOMMENDATION(S):

Accept the proposal from Prudential Overall Supply and authorize the General Manager to execute an initial three-year contract, in an amount not to exceed \$60,000, with two one-year renewal options for uniform service.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

Sufficient funds are available for the uniform service in the adopted Fiscal Year 2015-16 Budget and will be proposed in future year budgets. The estimated annual cost for employee uniforms is \$19,200.

DISCUSSION:

The District has 63 positions that require employees to wear uniforms. To present a consistent, professional appearance and positive image of the District, a uniform service is used to provide and launder the various uniform items. Uniform deliveries are required weekly at all four District facilities; (1) Headquarters, (2) Rancho Las Virgenes Composting Facility, (3) Tapia Water Reclamation Facility, and (4) Westlake Filtration Plant. In addition to ten standard shirt/pant uniform sets, employees are issued jackets, lab coats, and coveralls, as needed. Bath towels, shop rags, and rubber-backed mats are also provided through the uniform contract.

On October 28, 2015, a request for proposals was posted on the District's website and eight different vendors were notified of the solicitation. Two proposals were received in December and evaluated by staff.

Purchasing facilitated an evaluation team that rated the proposals using a preset scoring matrix. The team was comprised of four District employees, including representatives from Rancho, Tapia, and Westlake facilities, who each rated the proposals using a scoring matrix of 0 to 200 points, based on the following criteria: cost, quality of product offered, experience and references for similar contracts, timeline, quality of approach offered, invoicing methods, length of contract offered, and product availability. The team met to discuss the ratings, samples, and references to ensure each proposal was fairly evaluated. Cost was the highest weighted criteria; a set amount of points was used by all evaluators during evaluation. The lowest cost received a higher point value. Timeliness and accuracy of the weekly deliveries, appearance of the delivered goods, and invoicing methods are all important factors covered under the breakdowns of the other criteria.

Staff recommends Prudential Overall Supply based on the expectation of a higher quality product and service, while reducing staff time spent resolving delivery and invoice discrepancies.

Following is a summary of each proposer's estimated annual cost using proposal pricing, average point rating given by each evaluator (200 possible), and total points achieved (800 possible).

<u>Company</u>	<u>Price</u>	<u>Average Points</u>	<u>Total Points</u>
Prudential Overall Supply	\$19,184.33	140.88	563.5
Unifirst Corporation	\$16,131.66	122.38	489.5

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Gretchen Bullock, Purchasing Supervisor

ATTACHMENTS:

Uniform Service Agreement

Las Virgenes Municipal Water District VENDOR SERVICE AGREEMENT—Uniform Services

As of February __, 2016, **Las Virgenes Municipal Water District** hereinafter called "District," and **Prudential Overall Supply** hereinafter called "Vendor," agree as follows:

1. Purpose.

Under this Agreement, Vendor shall provide uniform services to District, located at 4232 Las Virgenes Road, Calabasas, California, in the prescribed manner, at the prescribed locations and times listed in attached hereto as Exhibit "A", Uniform Services Request for Proposal.

2. Delivery.

The Vendor shall, in good workmanlike and professional manner, furnish the uniform services described in Exhibit "A" for the duration of the contract period per the frequency schedule listed in Exhibit "A".

3. Consideration.

(a) The District shall pay Vendor for the services in the amounts stated on the Bid Form-Schedule submitted by Vendor and attached hereto as Exhibit "B".

(b) The District shall make one monthly payment to Vendor within thirty (30) days of receipt of the final properly prepared invoice submittal or delivery of services for each month, whichever is later. It is left to the Vendor's discretion to invoice weekly or monthly.

(c) The District may retain out of any amounts due the Vendor sums sufficient to cover any unpaid claims; provided, however, that sworn statements of said claims shall have been filed with the District.

(d) The District shall deduct from invoices and shall not pay the following:

(d1) Any charges attributable to work that have, in the opinion of the District representative, not been performed or have been improperly performed by the Vendor. Billing adjustments for this unsatisfactory service shall be permanent retention of 100% of the estimated monthly cost for work that is incomplete or deficient as stated herein.

(d2) Any claims for extra work unless the work was approved in writing in advance by the District representative.

4. Term.

This Agreement shall commence on the date above written, and shall continue until March 1, 2019, with two (2) possible one (1) year renewal options at the District's choosing. The District will notify Vendor of intent to renew or not at least 30 but no longer than 60 days prior to end of original contract term.

5. Specifications

The services shall be performed in accordance with the Exhibit "A" and the agreed upon exceptions noted in proposal documents submitted by Vendor on Exhibit "B".

6. Subcontracts.

The Vendor shall not subcontract or assign responsibility for performance of any portion of this Agreement without the prior written consent of the District.

7. Independent Contractor.

The Vendor is an independent contractor, and not an employee of District.

8. Indemnification.

Vendor shall defend, indemnify, and hold harmless District, its officers, employees and agents, from and against loss, injury, liability, or damages arising from any act or omission to act, including any negligent act or omission to act by Vendor or Vendor's officers, employees, or agents. Vendor's duty to indemnify and defend does not extend to the damages or liability caused by the District's sole negligence, active negligence, or willful misconduct.

9. Insurance.

(a) Vendor shall procure and maintain, for the duration of this Agreement, insurance against claims for injuries to persons or damages to property arising from or in connection with the performance of the work hereunder by the Vendor, officers, agents, employees, or volunteers.

(b) Vendor shall provide the following coverage:

(1) Commercial general liability insurance written on an occurrence basis in the amount of \$2,000,000 combined single limit per occurrence for bodily injury, personal injury, and property damage. The insurance policy shall be amended to provide the general aggregate limit shall apply separately to the work under this Agreement or the general aggregate shall be twice the required per occurrence limit.

(2) Automobile liability insurance insuring all owned, non-owned and hired automobiles, in the amount of \$1,000,000 combined single limit per accident for bodily injury and property damage.

(3) Workers' Compensation insurance as required by the Labor Code of the State of California with the statutory limits required by the Labor Code.

(4) Employer's liability insurance of at least \$1,000,000 per occurrence.

(c) The insurance policies required above shall be endorsed to contain the following specific provisions:

(1) Commercial general liability and automobile liability:

(i) District and its officers, employees, agents and volunteers are specifically named as additional insureds.

(ii) Vendor's insurance shall be primary insurance as respects

the District, its board members, officers, employees, agents and volunteers and any insurance or self-insurance maintained by District shall be in excess of Vendor's insurance and shall not contribute to it.

(iii) Any failure to comply with the claim reporting provisions of the policies or any breach of a policy warranty shall not affect coverage under the policy provided to District, its board members, officers, employees, agents and volunteers.

(iv) The policies shall contain a waiver of transfer rights of recovery ("waiver of subrogation") against District, its board members, officers, employees, agents and volunteers, for any claims arising out of the work of Vendor.

(v) The policies may provide coverage which contains deductible or self-insured retentions. Such deductible and/or self-insured retentions shall not be applicable with respect to the coverage provided to District under such policies. Vendor shall be solely responsible for deductible and/or self-insured retention and District, at its option, may require Vendor to secure the payment of such deductible or self-insured retentions by a surety bond or an irrevocable and unconditional letter of credit. The insurance policies that contain deductibles or self-insured retentions in excess of \$25,000 per occurrence shall not be acceptable without the prior approval of District.

(vi) Prior to start of work under this Agreement, Vendor shall file with District evidence of insurance as required above from an insurer or insurers certifying to the required coverage.

(2) Each policy required in this section shall contain a policy cancellation clause that provides the policy shall not be canceled or otherwise terminated by the insurer or the Vendor or reduced in coverage or in limits except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the District, Attention: Office Manager.

(d) Insurance required by this Agreement shall be placed with insurers licensed by the State of California to transact insurance business of the types required herein. Each insurer shall have a current Best Insurance Guide rating of not less than A: VII unless prior approval is secured from the District as to the use of such insurer.

10. Damages.

All damages incurred to District facilities by the Vendor's operation shall be repaired or replaced at the Vendor's expense. Repairs will be performed by the District or contractor of its choice and the Vendor shall reimburse the District for the value of the repair.

11. Changes in Work.

The District representative and/or his designee may prescribe, in writing, a modification of requirements or of methods of work; or in the quantity of character or the work to be furnished. In the event conditions develop which, in the opinion of service provider, make strict compliance with these contract specifications impractical, service provider shall submit to the District representative for his/her consideration and approval or disapproval, a written request for modification of requirements of the work. This request shall set forth in detail, the reasons why the specified requirements are

considered impractical and service provider's proposal for any alternate that will relieve this alleged impracticality.

If such changes increase or diminish the quantity or amount of work to be done, they shall not constitute the basis for a claim for damages or anticipated profits on the work that may be dispensed with; provided that as such changes or alterations render useless any work already done or materials already furnished or used in the work, the District representative shall make reasonable allowance therefore, which action shall be binding upon both parties. Should any contract item be deleted in its entirety, payment will be made only for actual costs incurred prior to notification of such deletion.

Should the District need to increase or decrease the work, regardless of the change, all changes made to the contract documents, whether it be character of the work or quantity of the work, must be agreed upon, in writing, by both District representative and service provider and implemented with a change order. If no prices are named in the contract to cover such changes or alterations, the cost of such changes shall be determined by agreement between the District representative and the service provider. If an agreement cannot be reached, such changes shall be covered as hereinafter provided for as extra work

12. Extra Work.

Any extra work performed hereunder shall be subject to all of the provisions of the contract and service provider's sureties shall be bound with reference thereto as under the original contract.

Extra work and material will ordinarily be paid for at a lump sum or unit price agreed on in writing by the District representative and service provider before the extra work shall be ordered.

13. Temporary Suspension of Work.

The District shall have the authority to suspend the work wholly or in part, for such period as the District deems necessary, due to unsuitable weather or to such other conditions as are considered unfavorable for the suitable prosecution of the work. The service provider shall immediately comply with the written order of the District to suspend the work wholly or in part, and shall not resume the work until ordered to do so in writing by the District.

In the event that a suspension of work is ordered because of failure on the part of the service provider to carry out orders given or to perform any provisions of the work, such suspension of work shall not relieve the service provider of its responsibility to complete the work within the time limits set forth in the contract documents, and shall not be considered cause for extension of the time for completion, and further, such suspension of Work shall not entitle the service provider to any additional compensation.

14. Disputes.

Should any dispute arise respecting the true value of any work done, of any work omitted, or of any extra work which service provider may be required to do, or respecting the size of any payment to service provider during the performance of this contract, said dispute shall be decided by the District representative which shall be final.

15. Deficiencies.

Deficiencies for single items will be corrected within one (1) week after notification. Deficiencies may include but are not limited to: incorrect size, wrong deliveries, incomplete returns, unrepaired, wrinkled or dirty items. Deficiencies for multiple items for one employee or additional items such as towels must be corrected within two business days. The District Reserves the right to cancel the order and/or to refuse delivery if the items ordered are not furnished within the established time periods.

16. Minimum Acceptable Level of Service.

The minimum acceptable level of service for this contract will be a 98% performance of each delivery to each department/division. Satisfactory performance will include no shortages, repairs completed, loss/damage replacements, clean and presentable uniforms etc. The vendor may be assessed a \$50.00 penalty for each unacceptable delivery below the 98% performance level. The District will determine such non-acceptable level of service and will notify the Customer Service Manager of any short fall in service and the assessment amount will be deducted from the invoice.

17. Termination for Breach.

If the service provider willfully violates any of the conditions or covenants of the contract documents, including refusal or failure to prosecute the work or any separable part thereof with diligence and in accordance with the schedule specified by the contract documents, or if the service provider should be adjudged as bankrupt, or if service provider should make a general assignment for the benefit of service provider's creditors, or if a receiver should be appointed on account of service provider's insolvency, or the service provider should violate any of the provisions of this contract, the District may serve written notice upon the service provider and service provider's surety of the District's intention to terminate this contract. This notice of intent to terminate shall contain the reasons for such intention to terminate this contract, and a statement to the effect that the service provider's right to perform this contract shall cease and terminate upon the expiration of ten (10) days unless such violations have ceased and arrangements satisfactory to the District have been made for correction of said violations

18. Termination for Convenience.

The District may terminate performance of the work called for by the contract documents in whole or, from time to time, in part, if the District determines that a

termination is in the District's best interest.

The service provider shall terminate all or any part of the work upon delivery to the service provider of a notice of termination specifying that the termination is for the convenience of the District, the extent of termination, and the effective date of such termination.

After receipt of notice of termination, and except as directed by the District representative, the service provider shall, regardless of any delay in determining or adjusting any amounts due under this Termination for Convenience clause, immediately stop work as specified in the notice.

19. Miscellaneous.

(a) The waiver by either party of any breach of this agreement shall not bar the other party from enforcing any subsequent breach thereof.

(b) Notices shall be deemed received when deposited in the U. S. Mail with postage prepaid and registered or certified addressed as follows unless advising in writing to the contrary:

Las Virgenes Municipal
Water District
ATTN: Gretchen Bullock
Purchasing Supervisor
4232 Las Virgenes Road
Calabasas, CA 91302
gbullock@lvmwd.com

Prudential Overall Supply
ATTN: Don Bryson
Corporate Sales
5300 Gabbert Road
Moorpark, CA 93021
donb@pos-clean.com

(f) If an action at law or in equity is brought to enforce this agreement, the prevailing party shall be entitled to reasonable attorney fees and costs.

(g) This Agreement represents the entire understanding of District and Vendor as to those matters contained herein. No prior oral or written understanding shall be of any force or effect with respect to those matters covered hereunder. This Agreement may not be modified or altered except in writing, signed by both parties.

(h) This Agreement shall be interpreted and construed under, and the rights of the parties will be governed by the laws of the State of California.

IN WITNESS WHEREOF, the parties hereby have caused this Agreement to be executed the date first above written.

APPROVED:
[District]

APPROVED:
[Vendor]

By: _____

By: _____

David Pedersen, General Manager

[Print Name & Title]

Approved as to Form:

By: _____
District Counsel



February 9, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject : Palo Comado Canyon Road Potable Water Main Relocation Project: Final Acceptance

SUMMARY:

On August 25, 2015 the Board approved a budget and appropriation of \$150,000 for the relocation of the 8-inch potable water main from an existing easement to the public right-of-way along Palo Comado Canyon Road to improve accessibility and facilitate future maintenance of the pipeline. In addition, the Board approved a Call for Bids for the work upon completion of design and authorized the General Manager to award a construction contract to the lowest responsible bidder, provided the bid amount was within the approved appropriation.

Staff completed the design work and issued a call for bids on October 12, 2015. Five bids were submitted and publically opened on October 30, 2015. The lowest responsive bid was submitted by Cedro Construction, Inc., in the amount of \$109,375. The General Manager awarded the construction contract to Cedro Construction, Inc. The work was recently completed with a total construction cost of \$134,406.50. There are no outstanding issues that prevent final acceptance of the project and release of the retention.

Additionally, relocation of the water main to the public right-of-way allowed the original pipeline to be abandoned in place within the existing easement. With completion of the abandonment, staff recommends extinguishing the easement.

RECOMMENDATION(S):

Approve execution of a Notice of Completion and have the same recorded; in the absence of claims from subcontractors and others, release the retention in the amount of \$5,443.75 within 30 calendar days after filing the Notice of Completion; approve an additional appropriation, in the amount of \$21,424.50, for CIP Job No. 10606, Palo Comado Canyon Road Potable Water Main Relocation Project; declare the easement for Tract No. 8451, Los Angeles County Recorder's Document No. 8347, as surplus property; and authorize the General Manager to execute a quitclaim deed to extinguish the easement.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

The total construction cost of the project was \$134,406.50, which is approximately 10% less than the approved appropriation of \$150,000 for the project. The total project cost, including District labor, general and administrative expenses, was \$171,424.50. An additional appropriation of \$21,424.50 is required to reconcile the total project cost.

DISCUSSION:

The project consisted of the abandonment and relocation of an existing 8-inch potable water main that was damaged by a contractor developing a site near the intersection of Chesebro Road and Palo Comado Canyon Road in the City of Agoura Hills.

A deductive change order, in the amount of \$500, was administratively approved by the General Manager to reflect the removal of hard rock excavation from the construction contract since no rock was discovered during excavation.

Following is a summary of the total project cost:

Construction Contract: \$109,375

Change Order No. 1: (\$500) deductive

Temporary Highline: \$23,800

Geotechnical Services: \$1,731.50

Total Construction Cost: \$134,406.50

District Labor: \$15,259

G&A Allocation: \$21,759

Total Project Cost: \$171,424.50

GOALS:

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

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

ATTACHMENTS:

Change Order No. 1

Notice of Completion

Existing Easement Map

Tract No 8451 Easement



CONTRACT CHANGE ORDER
No. 1

4232 Las Virgenes Road
 Calabasas, California 91302-1994

Project Palo Comado Potable Water Main Relocation

Project No. Acct. No. 10606.1880

Contractor Cedro Construction, Inc.

Date 1/22/2016

CONTRACTOR CHANGE ORDER NO. 1 The Contractor is hereby authorized and directed to make the herein described changes from the Plans and Specifications or do the following work not included in the Plans and Specifications for the construction of this project.

This change requested by: LVMWD

DESCRIPTION OF CHANGE:

	Description	Amount	Days
1	The deductive change order amount is for the removal of bid item 5 - Open Cut Hard Rock Excavation for the contract since no hard rock was encountered.	\$500.00	0
	TOTAL	\$500.00	0

INCREASES
 TOTAL AT AGREED PRICES OR FORCE ACCOUNT **\$ 500.00**
 DECREASES

Contract Change Order No. 1 Project No. 10606 Acct. No. 1880

Date 1/22/2016

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

INCREASES

Item	Description	Quantity	Unit Price	Total
TOTAL INCREASES				<u>\$N/A</u>

DECREASES

Item	Description	Quantity	Unit Price	Total
			\$	\$
TOTAL DECREASES				<u>\$</u>

TOTAL NET _____ IN CONTRACT ITEMS AT CONTRACT UNIT PRICES \$

TOTAL COST OF THIS CHANGE ORDER \$ 500.00 **INCREASE**

DECREASE

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

Recommended by

Departmental Approval

Eric Schlageter, P.E.
Project Engineer

David R. Lippman
Director of Facilities and Operations

ACCEPTED:

APPROVED:

Las Virgenes Municipal Water District

By: _____

By: _____
David W. Pedersen, General Manager

Date: _____

Date: _____

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

THIS CHANGE ORDER IS NOT EFFECTIVE UNTIL APPROVED BY OWNER

IF ACCEPTABLE TO THE CONTRACTOR, THIS CHANGE ORDER IS EFFECTIVE IMMEDIATELY

RECORDING REQUESTED BY

Las Virgenes Municipal Water District

AND WHEN RECORDED MAIL TO

Name Susan Brown
Street Address Las Virgenes Municipal Water District
City & State 4232 Las Virgenes Road
Zip Calabasas, CA 91302

SPACE ABOVE THIS LINE FOR RECORDER'S USE

T 420 LEGAL (9-94)

Notice of Completion

NOTICE IS HEREBY GIVEN THAT:

- 1. The undersigned is the owner of the interest or estate stated below in the property hereinafter described.
2. The full name of the undersigned is Las Virgenes Municipal Water District (NAME).
3. The full address of the undersigned is 4232 Las Virgenes Road, Calabasas CA 91302
4. The nature of the title of the undersigned is owner in fee
5. The full names and full addresses of all persons, if any, who hold title with the undersigned as joint tenants or as tenants in common are:
6. The names of the predecessors in interest of the undersigned, if the property was transferred subsequent to the commencement of the work of improvement herein referred to are (OR IF NO TRANSFER WAS MADE, INSERT THE WORD "none"):
7. A work of improvement on the property hereinafter described was completed on Feb 9, 2016 (DATE).
8. The name of the original contractor, if any, for the work of improvement was Cedro Construction, Inc.
9. The property on which the work of improvement was completed is in the City of Agoura Hills, County of Los Angeles, State of California, and is described as follows:
10. The street address of the said property is None

Dated: February 9, 2016

Las Virgenes Municipal Water District

(SIGNATURE)
Charles P. Caspary, Secretary of the Board (TYPED NAME)

VERIFICATION

I, the undersigned, say:
I am the person who signed the foregoing notice. I have read the above notice and know its contents, and the facts stated therein are true of my own knowledge.

I declare under penalty of perjury that the foregoing is true and correct.

Executed at Calabasas, California, this 9th day of February, 2016.

(SIGNATURE)
Charles P. Caspary, Secretary of the Board

DO NOT RECORD

Recommended Procedure in the Preparation of a Notice of Completion

A notice of completion must be filed for record *within 10 days* after completion of the work of improvement (to be computed exclusive of the day of completion), as provided in section 3093, Civil Code.

The "owner" who must file for record a notice of completion of a building or other work of improvement means the owner (or his successor in interest at the date of notice is filed) on whose behalf the work was done, though his ownership is less than the fee title. For example, if A is the owner in fee, and B, lessee under a lease, causes a building to be constructed, then B, or whoever has succeeded to his interest at the date the notice is filed, must file the notice.

If the ownership is in *two or more persons as joint tenants or tenants in common*, the notice may be signed by any one of the co-owners (in fact, the foregoing form is designed for giving of the notice by only one co-tenant), but the names and addresses of the other co-owners must be stated in paragraph 5 of the form.

In paragraphs 3 and 5, the full address called for should include street number, city, county and state.

As to paragraph 6, insert the date of completion of the work of improvement as a *whole* if applicable. However, if the notice is to be given only of completion of a particular contract, where work of improvement is made pursuant to two or more original contracts, strike the words "a work of improvement" and insert a general statement of the kind of work done or materials furnished pursuant to such contract (e.g. "The foundations for the improvements").

If the notice is to be given as a notice of completion of the work of improvement as a *whole*, insert the name of the prime contractor, if any, in paragraph 7. No contractor's name need be given if there is no general contractor, e.g., on so-called "owner-builder jobs". However, if the notice is to be given only of completion of a particular contract, where work of improvement is made pursuant to two or more original contracts, insert the name of the contractor who performed that particular contract.

Paragraph 8 should be completed only where the notice is signed by a successor in interest of the owner who caused the improvement to be constructed.

In paragraph 9, insert the *full legal* description, not merely a street address or tax description. Refer to deed or policy of title insurance. If the space provided for description is not sufficient, a rider may be attached.

In paragraph 10, show the street address, if any, assigned to the property by any competent public or governmental authority.

**NOTICE
OF COMPLETION**

CHICAGO TITLE COMPANY



WESTERN DIVISION HEADQUARTERS
245 S. LOS ROBLES AVENUE, SUITE 105
PASADENA, CALIFORNIA 91101-2820
(818) 432-7600

CHICAGO TITLE COMPANY





Sources: Esri, HERE, DeLorme, USGS, Intermap, iSwatopo, Com, NRCAN, Esri, Japan, METI, Esri (China (Hong Kong)), Esri (Taiwan), TomTom, Mapbox, @OpenStreetMap contributors, and the GIS User Community

1 inch = 40 feet

Las Virgenes Municipal Water District is not responsible for the accuracy of this presentation. This presentation is for illustrative purposes only. Verify the physical location of all property lines, water lines and ancillary information prior to use.

*EASEMENT TO
LVMWD
RECORDED*

6197560

8347

BK D2360 PG 477

When rec mail to

Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, California

RECORDED IN OFFICIAL RECORDS
OF LOS ANGELES COUNTY CALIF
FOR TITLE INSURANCE & TRUST CO
59 Min Past 3 PM FEB 14 1964
RAY E. LEE, County Recorder

Right of Way Deed

THIS INDENTURE, made this 5th day of February, 1964

between Harold G. Hughes and Elizabeth Hughes

Grantor, and Las Virgenes Municipal Water District, a municipal corporation of the State of California, Grantee

Witnesseth:

That for and in consideration of the sum of One and 00/100 Dollars (\$1.00), lawful money of the United States, and other valuable considerations, paid by Las Virgenes Municipal Water District to Grantor, the receipt whereof is hereby acknowledged, the Grantor does by these presents grant, bargain, sell, convey and transfer unto

LAS VIRGENES MUNICIPAL WATER DISTRICT,

a municipal corporation of the State of California, its successors and assigns forever, those permanent easements and rights of way ~~XXXXXX feet in width~~, including the right to remove at any time any improvements, structures, trees, shrubs and other growth thereon, unless otherwise herein provided, and at any time, and from time to time to construct, reconstruct, maintain, operate, repair, renew, enlarge, remove and replace a line or lines of pipe of whatever nature, vaults, manholes, laterals, meters, service and distribution connections, with all and every the appendages, facilities, structures and equipment necessary or convenient to be installed or used by Grantee in connection with any of the above mentioned facilities and equipment, for the purpose of transporting, conveying and distributing water in, under, upon, over and across the following described real property located in the County of Los Angeles, State of California, to wit See Exhibit "A"

FREE RECORDING IS REQUESTED AND IS ESSENTIAL TO ACQUISITION BY LAS VIRGENES MUNICIPAL WATER DISTRICT (193 COV CODE) LAS VIRGENES MUNICIPAL WATER DISTRICT

BY *Harry N Cook*
HARRY N COOK AUTHORIZED AGENT

8347

GRANT OF RIGHT OF WAY

TO

WITNESS FORM

STATE OF CALIFORNIA } ss
County of LOS ANGELES

On this 7 day of February A D, 19 64, before me, HARRY N. COOK
a Notary Public in and for the said County and State, residing therein, duly commissioned and sworn, personally
appeared WM G. COOK known to me to be the person whose name is
subscribed to the within instrument, as a Witness thereto, who being by me duly sworn, depose s
and say s

That he reside s in Los Angeles County
and that he was present and saw Harold G. Hughes and
Elizabeth Hughes personally known to h m
to be the same person s whose name s are subscribed to the within
and annexed Instrument, execute and deliver the same, and t he y
acknowledged to said affiant that t he y executed the same, and
that said affiant subscribed h is name thereto as a Witness

In Witness Whereof I have hereunto set my hand and affixed my official seal
the day and year in this certificate first above written

Harry N. Cook, Notary Public in and for said County and State
My Commission expires September 20, 1966.

GENERAL FORM

STATE OF } ss
County of

On this day of A D, 19 , before me,
a Notary Public in and for said County and State, residing therein, duly commissioned and sworn, personally
appeared

personally known to me to be the person whose name sub-
scribed to the within Instrument, and duly acknowledged to me that he
executed the same

In Witness Whereof I have hereunto set my hand and affixed my official seal
the day and year in this certificate first above written

Notary Public in and for said County and State

CORPORATION FORM

STATE OF } ss
County of

On this day of A D, 19 , before me,
a Notary Public in and for the said County and State, residing therein, duly commissioned and sworn, personally
appeared known to me to be the President and
known to me to be the Secretary of the

the Corporation that executed the within Instrument, known to me to be the per
sons who executed the within Instrument, on behalf of the Corporation therein
named, and acknowledged to me that such Corporation executed the same

In Witness Whereof I have hereunto set my hand and affixed my official seal
the day and year in this certificate first above written

Notary Public in and for said County and State

RESOLUTION

RESOLVED, that deed executed by Harold G Hughes and Elizabeth Hughes

and dated February 5 , 19 64 , conveying to the Las Virgenes Municipal Water
District, for a consideration of One and No/100 Dollars (\$1 00), certain real property situated in the County of
Los Angeles, State of California, designated by the Las Virgenes District as Parcel No I.D. 15-1.1 , more
particularly described in said deed, be, and the same hereby is, accepted

I HEREBY CERTIFY, that the foregoing is a full, true and correct copy of a Resolution adopted by the
Board of Directors of the Las Virgenes Municipal Water District, at its meeting held
February 10 , 19 64

William M. ...
Secretary of Las Virgenes Municipal Water District 93

8317

~~The character of said easements and rights of way in the above described tract property is more particularly described as follows~~

BK D2360 PG 478

The easement and right of way is more particularly described as follows

EXHIBIT "A" ?

The Northerly 4 00 feet of the Westerly 295 00 feet of Lot 19, in Block 4, as shown on the map of Tract No 8451, recorded in Book 104, Pages 79 thru 90, of Maps, in the office of the County Recorder, County of Los Angeles, State of California

The intent of this Right of Way Deed is to convey only that portion of the above described easement of which the Grantor herein is record owner

RESERVING therefrom the right to fill and compact soil to any depth at any time over said easement

Together with all reasonable, necessary or convenient means of ingress to and egress from said easements and rights of way for the purpose of exercising and using the rights herein granted

EXCEPTING AND RESERVING unto the Grantor only such grazing, agricultural, horticultural or landscaping rights as will not, in the judgment of the Grantee, interfere with or prohibit the free and complete use and enjoyment by Grantee, its successors or assigns, of the easements and rights of way hereby granted, provided however, that no building or other structure of any kind shall be erected, placed or maintained by Grantor, his successors or assigns, upon any of the easements and rights of way above described, except with the written consent of Grantee

TO HAVE AND TO HOLD the property herein by these presents granted and conveyed with all and every said easements and rights of way unto Las Virgenes Municipal Water District, its successor and assigns forever

In Witness Whereof the said Grantor herein and each of them, has executed this deed, the day and year in this instrument first above written

NAME OF GRANTOR

ADDRESS

X *Harold A Hughes*

5747 Fairview Place
Agoura, Calif.

X *Elizabeth Hughes*

WITNESS

Ann L Cook

R/W NO	2052-08-14(14A)5619-15
DRAWN BY	GC
CHECKED BY	DD
DATE	January 16, 1964

Notaries — Use Proper Form on Back

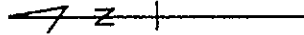
8317

2052 8

SCALE

TOTAL 21.31

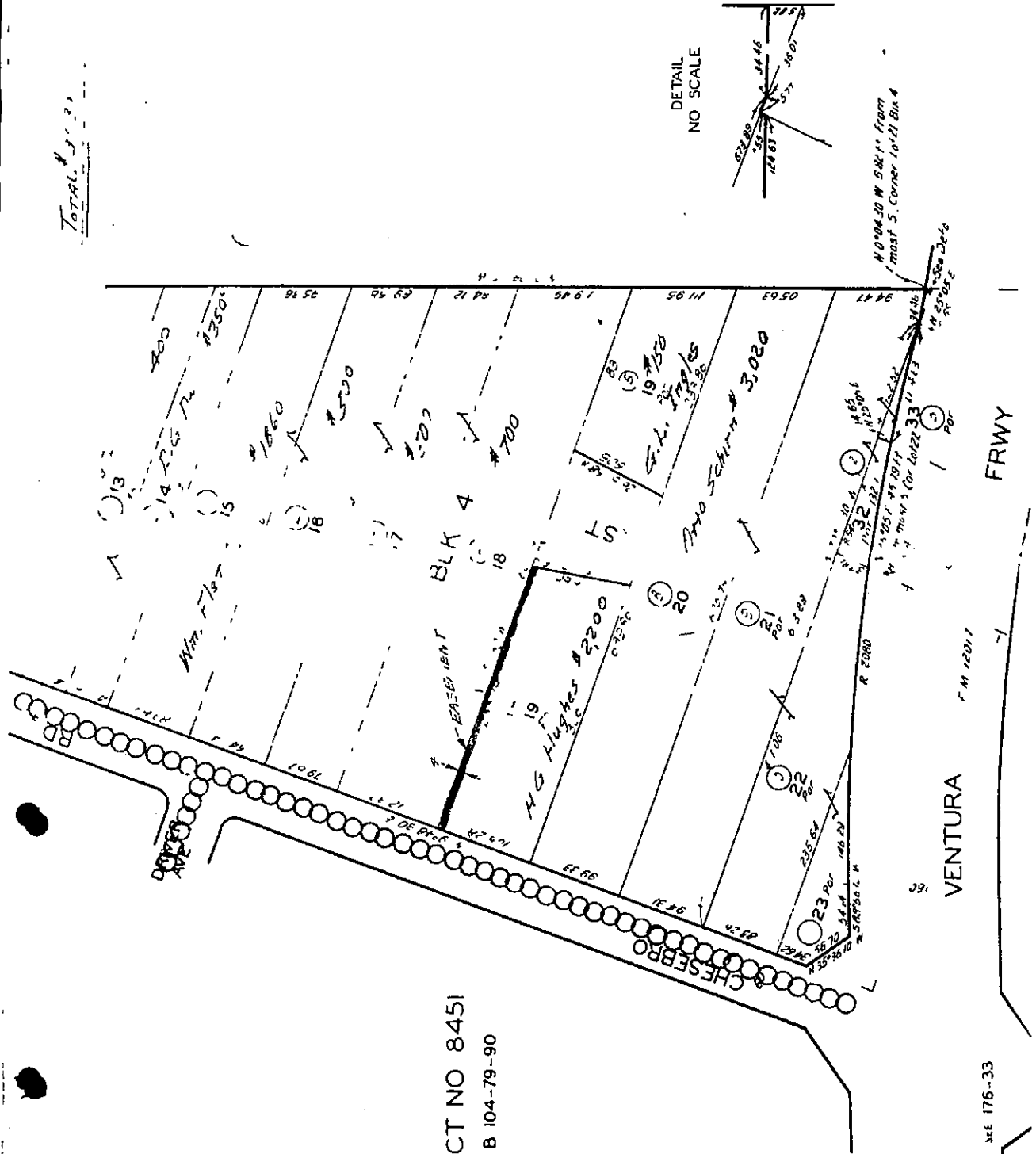
TRACT NO 8451
M B 104-79-90



CODE
4940

FOR PREV ASSM. SEE 176-33

95



DETAIL
NO SCALE

A 0°04'30" W S 84°11" E from
most S. Corner 10-11 Blk 4

FRWY

VENTURA

CHESBRO



February 9, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject : Detachment of 23371 Palm Canyon, Malibu: Approval of Revised Resolutions

SUMMARY:

On September 29, 2015, the Board adopted Resolution Nos. 2472 and 2473, approving the detachment of APN 4452-027-009 from the District's service area to allow for annexation to Los Angeles County Waterworks District No. 29, Malibu (WWD No. 29). Following adoption, WWD No. 29 was notified by the Los Angeles County Auditor-Controller that the resolutions required a revision. As a result, Staff recommends the Board adopt Resolution Nos. 2483 and 2484, the revised versions of the original resolutions.

RECOMMENDATION(S):

Pass, approve and adopt proposed Resolutions Nos. 2483 and 2484, approving the detachment of APN 4452-027-009 from the District's service area.

RESOLUTION NO. 2483

JOINT RESOLUTION OF THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES, THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL WATER DISTRICT, AND THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL WATER IMPROVEMENT DISTRICT NO. 12, APPROVING AND ACCEPTING THE NEGOTIATED EXCHANGE OF PROPERTY TAX REVENUES RESULTING FROM ANNEXATION OF PROPERTY DESIGNATED AS ANNEXATION 29-3, AS A PART OF LOCAL AGENCY FORMATION COMMISSION REORGANIZATION 2014-06, TO LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 29, MALIBU

RESOLUTION NO. 2484

JOINT RESOLUTION OF THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES, THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL WATER DISTRICT, AND THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL WATER IMPROVEMENT DISTRICT NO. 12, APPROVING AND ACCEPTING THE NEGOTIATED EXCHANGE OF PROPERTY TAX REVENUES RESULTING FROM ANNEXATION OF PROPERTY DESIGNATED AS ANNEXATION 29-3, AS A PART OF

LOCAL AGENCY FORMATION COMMISSION REORGANIZATION 2014-06, TO LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 29, MALIBU

(Reference is hereby made to Resolution Nos. 2483 and 2484 on file in the District's Resolution Book and by this reference the same are incorporated herein.)

FISCAL IMPACT:

No

ITEM BUDGETED:

No

DISCUSSION:

On September 29, 2015, the Board adopted Resolution Nos. 2472 and 2473, approving the detachment of APN 4452-027-009 from the District's service area. The original resolutions included tax sharing ratios for all agencies that share the tax revenue. Following submittal to the Los Angeles County Auditor-Controller, WWD No. 29 was notified that the reorganization involved only a straight transfer of tax revenue from the detaching agency to the annexing agency and, therefore, required revised resolutions. Resolution No. 2483 reapproves the detachment from Las Virgenes Municipal Water District, and Resolution No. 2484 reapproves the detachment from the Las Virgenes Municipal Water Improvement District No. 12.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Donald Patterson, Director of Finance and Administration

ATTACHMENTS:

Proposed Resolution No. 2483

Proposed Resolution No. 2484

Resolution No. 2483

JOINT RESOLUTION OF THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES, THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL WATER DISTRICT, AND THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL WATER IMPROVEMENT DISTRICT NO. 12, APPROVING AND ACCEPTING THE NEGOTIATED EXCHANGE OF PROPERTY TAX REVENUES RESULTING FROM ANNEXATION OF PROPERTY DESIGNATED AS ANNEXATION 29-3, AS A PART OF LOCAL AGENCY FORMATION COMMISSION REORGANIZATION 2014-06, TO LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 29, MALIBU

WHEREAS, pursuant to Section 99.01 of the Revenue and Taxation Code, in the case of any jurisdictional change that will result in a special district providing one or more services to an area where those services have not previously been provided by any local agency, the special district and each local agency that receives an apportionment of property tax revenue from the area may negotiate an exchange of property tax revenue generated in the area subject to the jurisdictional change and attributable to those local agencies; and

WHEREAS, the Board of Supervisors of the County of Los Angeles, acting on behalf of Los Angeles County Waterworks District No. 29, Malibu; together with the Board of Directors of the Las Virgenes Municipal Water District, and the Board of Directors of the Las Virgenes Municipal Water Improvement District No. 12, have determined that the amount of property tax revenue to be exchanged between their respective agencies as a result of the annexation proposal identified as Annexation 29-3 to Los Angeles County Waterworks District No. 29, Malibu, as a part of Local Agency Formation Commission Reorganization 2014-06, is as set forth:

NOW, THEREFORE, BE IT RESOLVED as follows:

1. The Los Angeles County Waterworks District No. 29, Malibu; Las Virgenes Municipal Water District, and Las Virgenes Municipal Water Improvement District No. 12 have determined that the amount of property tax revenue to be exchanged between their respective agencies as a result of the annexation proposal identified as Annexation 29-3, as part of LAFCO Reorganization 2014-06 is approved and accepted.
2. For fiscal years commencing on or after July 1, 2016, or the July 1 after the effective date of this jurisdictional change, whichever is later, the property tax revenue attributable to Annexation 29-3, as part of LAFCO Reorganization 2014-06, shall be transferred to the Los Angeles County Waterworks District No. 29, Malibu, from the Las Virgenes Municipal Water District and Las Virgenes Municipal Water Improvement District No. 12, and their share in the annexation area shall be reduced to zero.
3. For fiscal years commencing on or after July 1, 2016, or the July 1 after the effective date of this jurisdictional change, whichever is later, the following ratios of annual property tax increment attributable to the Tax Rate Area in the Annexation 29-3 territory shall be transferred to the Los Angeles County Waterworks District No. 29, Malibu, from the Las Virgenes Municipal Water District, and Las Virgenes Municipal Water Improvement District No. 12, and their share in the annexation area shall be reduced reduced accordingly.

Tax Rate Area	Agency	Annual Tax Increment Ratio Transfer to LACWWD
8630	Las Virgenes Municipal Water District (LVMWD)	0.000770743
8630	Las Virgenes Municipal Water Improvement District No. 12	0.002153660

4. No transfer of property tax revenues other than those specified in Paragraph 2 shall be made as a result of Annexation 29-3.
5. If at any time after the effective date of this Joint Resolution the calculations used herein to determine initial property tax transfers or the data used to perform those calculations are found to be incorrect, thus producing an improper or inaccurate property tax transfer, the property tax transfer shall be recalculated, and the corrected transfer shall be implemented for the next fiscal year, and any amounts of property tax received in excess of that which is proper shall be refunded to the appropriate agency.

PASSED, APPROVED, AND ADOPTED this _____ day of _____, 2016, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Glen Peterson
President, Board of Directors
Las Virgenes Municipal Water District

ATTEST:

Secretary

Resolution No. 2484

JOINT RESOLUTION OF THE BOARD OF SUPERVISORS OF THE COUNTY OF LOS ANGELES, THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL WATER DISTRICT, AND THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL WATER IMPROVEMENT DISTRICT NO. 12, APPROVING AND ACCEPTING THE NEGOTIATED EXCHANGE OF PROPERTY TAX REVENUES RESULTING FROM ANNEXATION OF PROPERTY DESIGNATED AS ANNEXATION 29-3, AS A PART OF LOCAL AGENCY FORMATION COMMISSION REORGANIZATION 2014-06, TO LOS ANGELES COUNTY WATERWORKS DISTRICT NO. 29, MALIBU

WHEREAS, pursuant to Section 99.01 of the Revenue and Taxation Code, in the case of any jurisdictional change that will result in a special district providing one or more services to an area where those services have not previously been provided by any local agency, the special district and each local agency that receives an apportionment of property tax revenue from the area may negotiate an exchange of property tax revenue generated in the area subject to the jurisdictional change and attributable to those local agencies; and

WHEREAS, the Board of Supervisors of the County of Los Angeles, acting on behalf of Los Angeles County Waterworks District No. 29, Malibu; together with the Board of Directors of the Las Virgenes Municipal Water District, and the Board of Directors of the Las Virgenes Municipal Water Improvement District No. 12, have determined that the amount of property tax revenue to be exchanged between their respective agencies as a result of the annexation proposal identified as Annexation 29-3 to Los Angeles County Waterworks District No. 29, Malibu, as a part of Local Agency Formation Commission Reorganization 2014-06, is as set forth:

NOW, THEREFORE, BE IT RESOLVED as follows:

1. The Los Angeles County Waterworks District No. 29, Malibu; Las Virgenes Municipal Water District, and Las Virgenes Municipal Water Improvement District No. 12 have determined that the amount of property tax revenue to be exchanged between their respective agencies as a result of the annexation proposal identified as Annexation 29-3, as part of LAFCO Reorganization 2014-06 is approved and accepted.
2. For fiscal years commencing on or after July 1, 2016, or the July 1 after the effective date of this jurisdictional change, whichever is later, the property tax revenue attributable to Annexation 29-3, as part of LAFCO Reorganization 2014-06, shall be transferred to the Los Angeles County Waterworks District No. 29, Malibu, from the Las Virgenes Municipal Water District and Las Virgenes Municipal Water Improvement District No. 12, and their share in the annexation area shall be reduced to zero.
3. For fiscal years commencing on or after July 1, 2016, or the July 1 after the effective date of this jurisdictional change, whichever is later, the following ratios of annual property tax increment attributable to the Tax Rate Area in the Annexation 29-3 territory shall be transferred to the Los Angeles County Waterworks District No. 29, Malibu, from the Las Virgenes Municipal Water District, and Las Virgenes Municipal Water Improvement District No. 12, and their share in the annexation area shall be reduced reduced accordingly.

Tax Rate Area	Agency	Annual Tax Increment Ratio Transfer to LACWWD
8630	Las Virgenes Municipal Water District (LVMWD)	0.000770743
8630	Las Virgenes Municipal Water Improvement District No. 12	0.002153660

4. No transfer of property tax revenues other than those specified in Paragraph 2 shall be made as a result of Annexation 29-3.
5. If at any time after the effective date of this Joint Resolution the calculations used herein to determine initial property tax transfers or the data used to perform those calculations are found to be incorrect, thus producing an improper or inaccurate property tax transfer, the property tax transfer shall be recalculated, and the corrected transfer shall be implemented for the next fiscal year, and any amounts of property tax received in excess of that which is proper shall be refunded to the appropriate agency.

PASSED, APPROVED, AND ADOPTED this _____ day of _____, 2016, by the following vote:

AYES:

NOES:

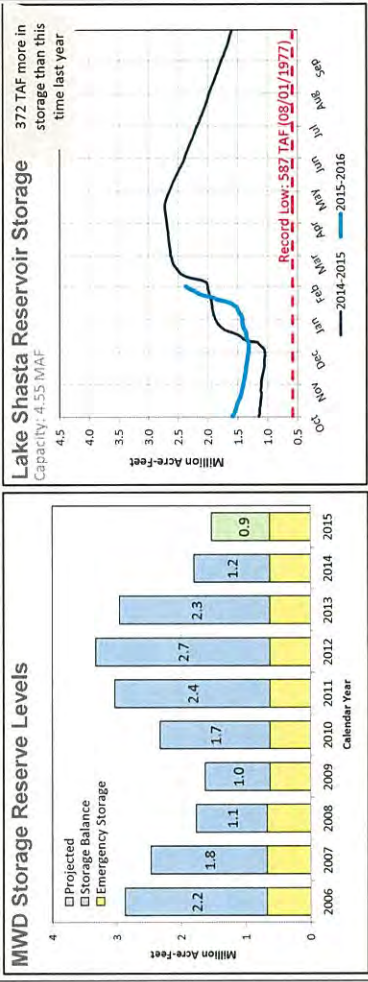
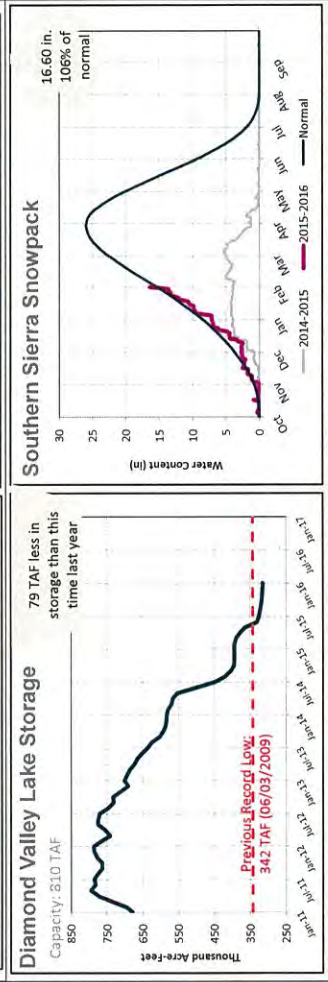
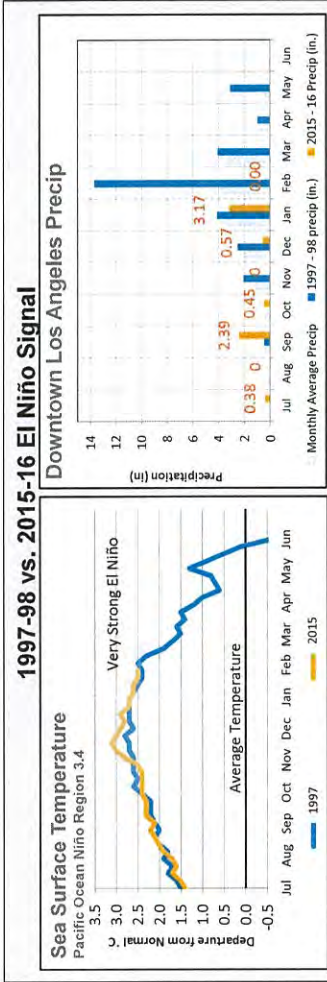
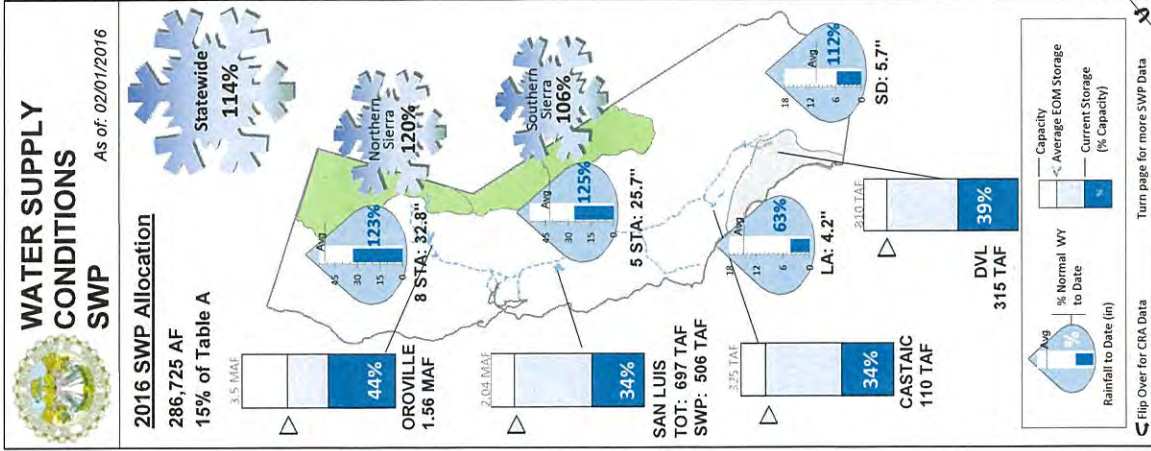
ABSENT:

ABSTAIN:

Chairperson, Board of Directors
Las Virgenes Municipal
Water Improvement District No. 12

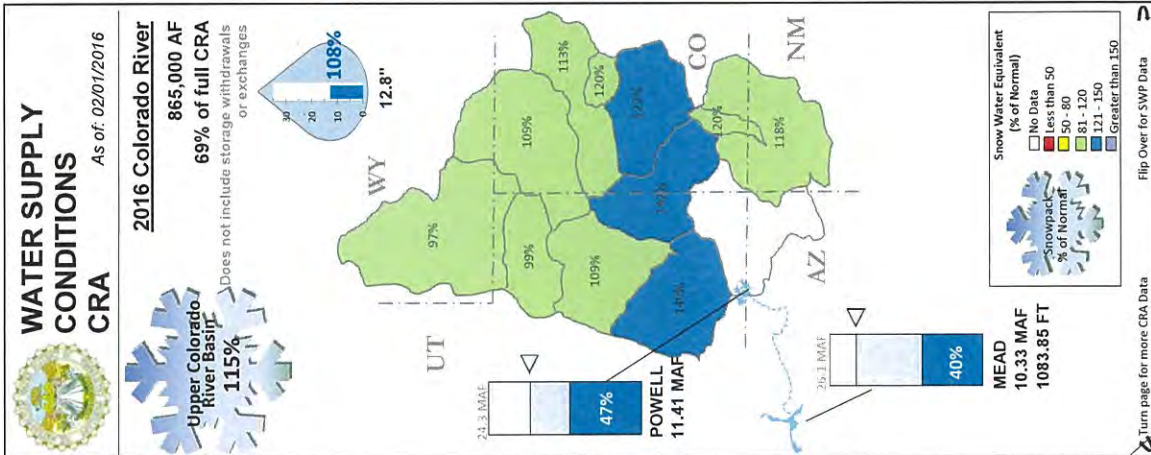
ATTEST:

Secretary



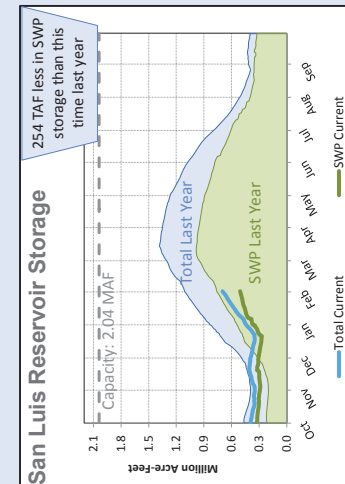
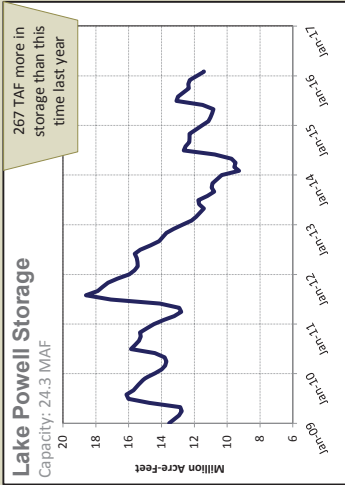
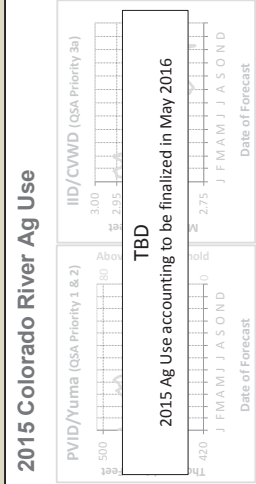
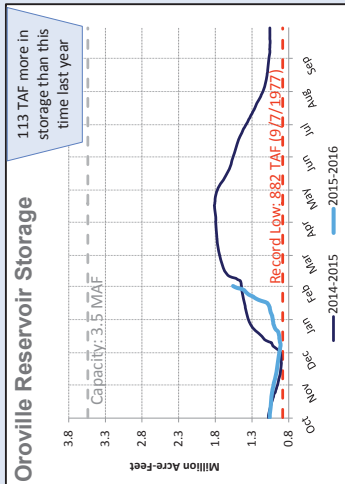
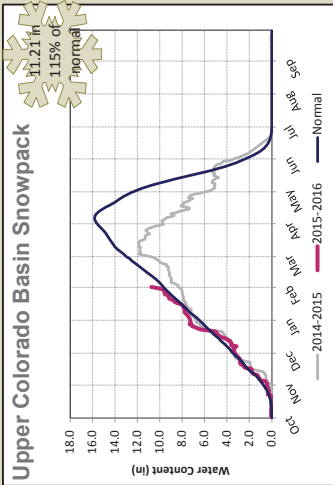
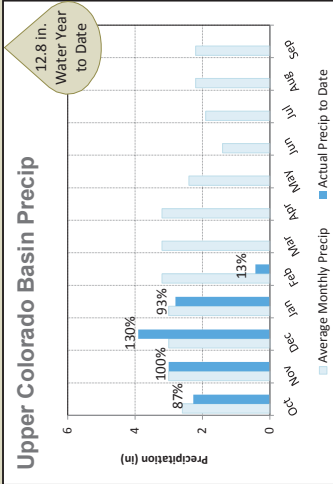
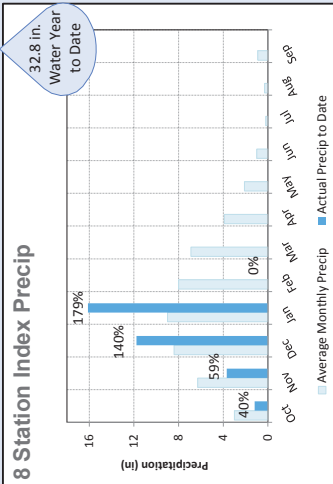
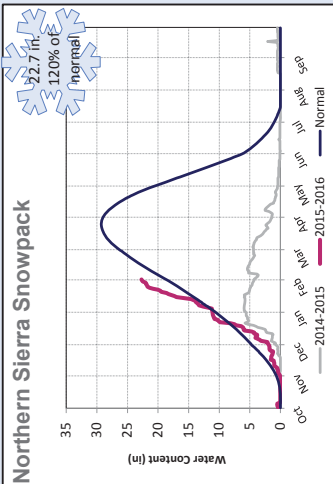
This report is produced by the Water Resource Management group and combines information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state,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

http://www.mwdh2o.com/PDF/About_Your_Water/2.4_water_supply_conditions.pdf



State Water Project Resources

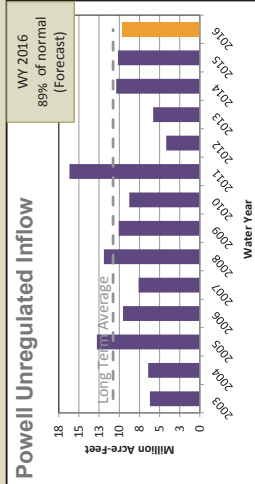
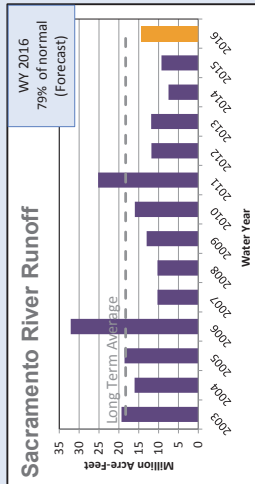
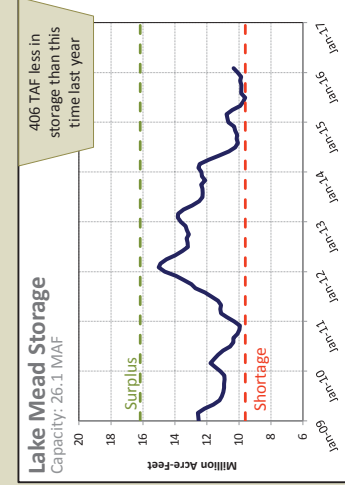
As of: 02/01/2016



Lake Mead Shortage/Surplus Outlook

	2016	2017	2018	2019	2020
Shortage	0%	18%	52%	65%	59%
Surplus	0%	0%	6%	7%	15%

Likelihood based on results from the August 2015 USBR Colorado River Simulation System model run



Other SWP Contract Supplies for 2016 (AF)

Transfer Supplies	TBD
Mult Year Pool	TBD
Pool A/B (Purchased)	TBD
Article 56 (Prior Cal. Year(s) CO)	0



February 9, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject : Easement Encroachment at 4191 Vicasa Drive, Calabasas: Revised Consent Agreement

SUMMARY:

On January 12, 2016, staff presented the Board with a proposed consent agreement allowing an encroachment within a District easement at 4191 Vicasa Drive, Calabasas. Action on item was tabled because the Board expressed concerns with limited access for future operation and maintenance of the recycled water main within the easement and potential liability that could be associated with a water main break. Staff performed a site visit to investigate the concerns, met with the property owner and contractor, and revised the consent agreement to address the concerns.

At the Board meeting, staff proposes to present its finding related to the concerns. Also, Mr. Ray E. Parker, Jr. and his contractor are expected to attend.

RECOMMENDATION(S):

Approve and execute the Consent Agreement with the Parker Family Trust for an easement encroachment at 4191 Vicasa Drive, Calabasas.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

FINANCIAL IMPACT:

There is no fiscal impact associated with this action.

DISCUSSION:

The District owns and operates an 8-inch recycled water main within a 15-foot-wide easement along the southern property line of 4191 Vicasa Drive, Calabasas (see attached map). The owners are constructing a studio and study on the property and requested the District's consent for an encroachment into the easement for the footing of the new structure. There was a misunderstanding between District staff and the owner about proceeding with construction prior to approval of the consent agreement and, therefore, construction of the foundation has completed. The owner has since ceased work pending the Board's action on the easement encroachment.

On January 12, 2016, the Board expressed concerns with limited access for future operation and maintenance of the recycled water pipeline within the easement and potential liability that could be associated with a water main breaks. Staff met on-site with the property owner and his contractor to field verify the clearances. During the site visit, staff maneuvered its Kubota mini-excavator within the easement where the building foundation had already been completed. The excavator had sufficient clearance to reach the pipe and travel along its length. Attached is a photo showing the excavator within the easement area.

With regard to concerns with the adjacent building foundation, the property owner and his contractor informed staff that they had encountered bedrock when excavating for the footing, which was keyed into the rock. Section 4 of the consent agreement provides the District with indemnification for any liability associated with the property owner's use of the easement. To address potential concerns with damage to the District's recycled water main, the property owner expressed a willingness to encase the main in concrete for the length of the encroachment per District standards.

Additionally, the property owner agreed to accept responsibility for any additional future operation and maintenance cost that may be incurred by the District as a result of the encroachment. The following language was added to the revised consent agreement: *"Should the District incur additional future costs to operate, maintain, repair or replace its facilities within the Easement due to the home addition, the property owner shall be responsible for those costs."*

GOALS:

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

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

ATTACHMENTS:

Map

Photo of Kubota Mini-Excavator

Revised Consent Agreement

4205

23102

4191



4188

4180

4168

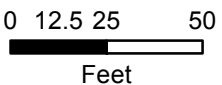
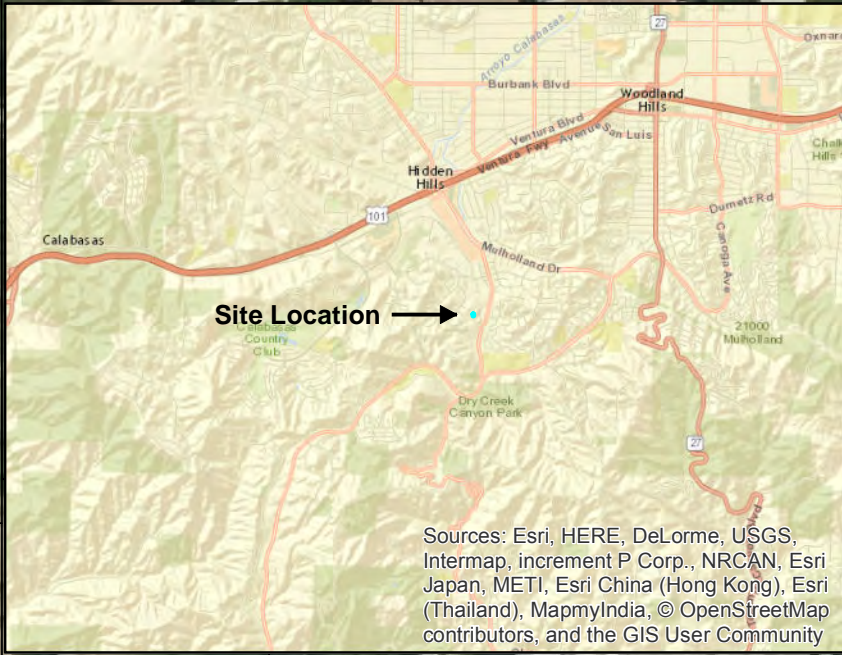
4162

Legend

-  Easement
-  Recycled Water Distribution Main

8 inch

Vicasa Dr



4191 VICASA DR

108





RECORDING REQUESTED BY
LAS VIRGENES MUNICIPAL WATER DISTRICT

WHEN RECORDED MAIL TO

SUSAN BROWN
LAS VIRGENES MUNICIPAL WATER DISTRICT
4232 LAS VIRGENES ROAD
CALABASAS, CA 91302

SPACE ABOVE THIS LINE RESERVED FOR RECORDER'S USE

CONSENT AGREEMENT

THIS AGREEMENT is made as of this _____ day of _____ 2016,

BY AND BETWEEN

LAS VIRGENES MUNICIPAL WATER DISTRICT,
hereinafter referred to as the "District"

AND

RAY E. PARKER, JR. and ELAINE M. PARKER, as
Trustees of the PARKER FAMILY TRUST, dated
June 27, 2012

The parties agree as follows:

Section 1. Purpose and Scope

This agreement sets forth the terms and conditions for the property owner's use of a portion of a District easement.

Section 2. Description of Easement

The easement which is affected by this agreement is described in that certain Right-of-Way Deed recorded on September 21, 1989 as Instrument No. 89-1522955 of the Official Records of the Los Angeles County Recorder.

Section 3. Use of Easement

The property owner is building a new structure over a portion of the easement and may use a portion of the subject easement for the construction of a footing, as shown in Exhibit "A", in order to support a new home addition that shall not interfere with or prohibit the free and complete use and enjoyment of the easement by the District. Should the District incur additional future costs to operate, maintain, repair or replace its facilities within the Easement due to the home addition, the property owner shall be responsible for those costs.

Section 4. Indemnification

Property owner shall save and hold District, its officers, agents and employees free and harmless from any and all costs, liability or damages, including attorney's fees, resulting from any act or

omission to act, including any negligent act, or omission to set by property owners, their agents and employees arising out of property owner's use of the subject easement.

Section 5. Other Agreement

Except as provided herein, this agreement shall not modify or amend the terms and conditions of the subject easement.

Section 6. Inurement

The agreement shall bind and benefit the parties, their successors and assigns.

THE PARTIES HAVE EXECUTED THIS AGREEMENT AS OF THE DATE FIRST ABOVE WRITTEN.

LAS VIRGENES MUNICIPAL WATER DISTRICT

BY: _____
President

ATTEST:

BY: _____
Secretary

APPROVED AS TO FORM:

BY: _____
District Counsel

Ray E. Parker, Jr., Trustee
PARKER FAMILY TRUST

Elaine M. Parker, Trustee
PARKER FAMILY TRUST



February 9, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject : Area 6 Reorganization: Annexation and Sphere of Influence Amendment

SUMMARY:

Area 6 consists of 122.45 acres within the City of Calabasas, including 11.8 acres of developed area (Tract 40932 with 42 lots) and approximately 110.65 acres of vacant land, located just outside of the District's eastern boundary (see attached map).

The District currently serves the 11.8-acre developed area pursuant to the terms of a 1990 three-party agreement executed between the District, Los Angeles County Waterworks District No. 29 (WWD No. 29) and the developer. However, the developed area was never annexed to the District. Further, Area 6 is not within the sphere of influence of a special district charged with providing water and wastewater services.

As a result, Local Agency Formation Commission (LAFCO) representatives requested that the 11.8-acre developed area be annexed to the District along with a concurrent sphere of influence amendment to add all of Area 6 to the District's sphere of influence. The action was proposed as part of LAFCO's clean-up efforts and to align the District's boundaries with the Calabasas City limits. WWD No. 29 and West Basin Municipal Water District staff concur with the proposed reorganization.

RECOMMENDATION(S):

Pass, approve and adopt proposed Resolution No. 2485, requesting the Local Agency Formation Commission to initiate proceedings for the reorganization of territory and amendment of the District's sphere of influence.

RESOLUTION NO. 2485

RESOLUTION OF APPLICATION BY LAS VIRGENES MUNICIPAL WATER DISTRICT REQUESTING THE LOCAL AGENCY FORMATION COMMISSION TO INITIATE PROCEEDINGS FOR THE REORGANIZATION OF TERRITORY LAFCO DESIGNATION NO. 2016-01 TO THE LAS VIRGENES MUNICIPAL WATER DISTRICT AND SPHERE OF INFLUENCE (SOI) AMENDMENT OF THE LAS VIRGENES MUNICIPAL WATER DISTRICT

(Reference is hereby made to Resolution No. 2485 on file in the District's Resolution Book

and by this reference the same is incorporated herein.)

FISCAL IMPACT:

Yes

ITEM BUDGETED:

No

FINANCIAL IMPACT:

The District is responsible for the administrative cost to process the annexation and sphere of influence amendment, currently estimated to be \$5,600, which will be offset by additional standby charge revenue of approximately \$300 annually.

DISCUSSION:

Customers served by the District must be within its boundaries unless an out-of-agency service agreement is in place. Due to lack of WWD No. 29 facilities and the availability of District water service adjacent to the area of Tract 40932, WWD No. 29 requested that the District serve the development in a letter dated December 15, 1989. Subsequently, a three-party agreement was executed between the District, WWD No. 29 and the developer. However, a portion of Tract 40932 was never annexed to the District's service area; this action would address that issue. Standby charges would be assessed on the newly-annexed parcels.

The proposed sphere of influence amendment for Area 6 includes 110.65 acres of vacant land currently zoned as "Open Space" or "Mountainous" (maximum density of one dwelling unit per 10 acres) in the City of Calabasas. The likelihood of development of this area is low. Water service to a potential development would need to be obtained through a limited service agreement given the 1,450-foot hydraulic gradient of the District water system and relatively high elevations of the area, between 1,525 to 1,600 feet above mean sea level.

GOALS:

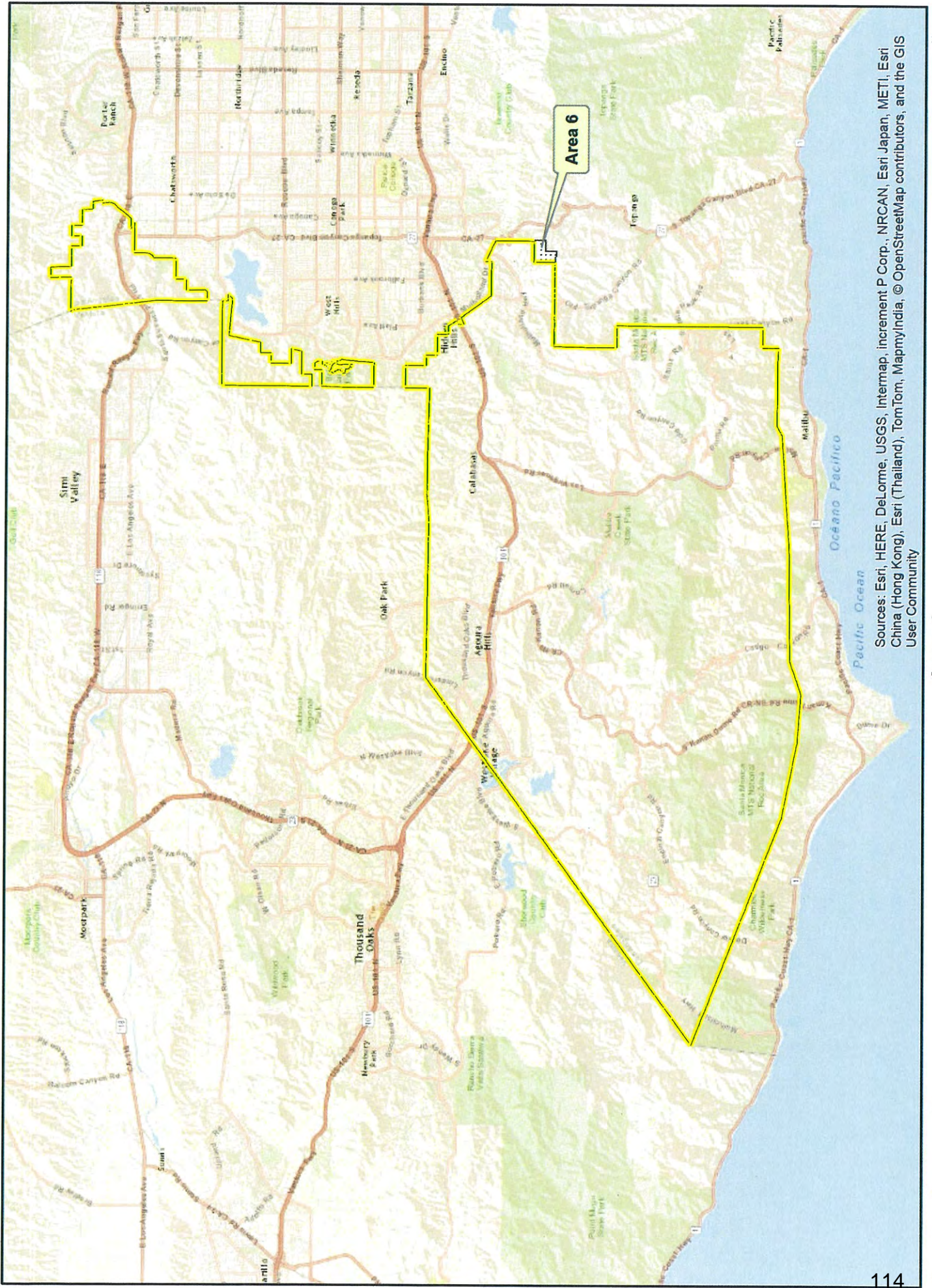
Construct, Manage and Maintain All Facilities and Provide Services to Assure System Reliability and Environmental Compatibility

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

ATTACHMENTS:

Area 6 Map

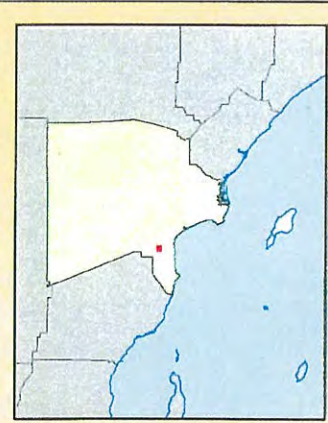
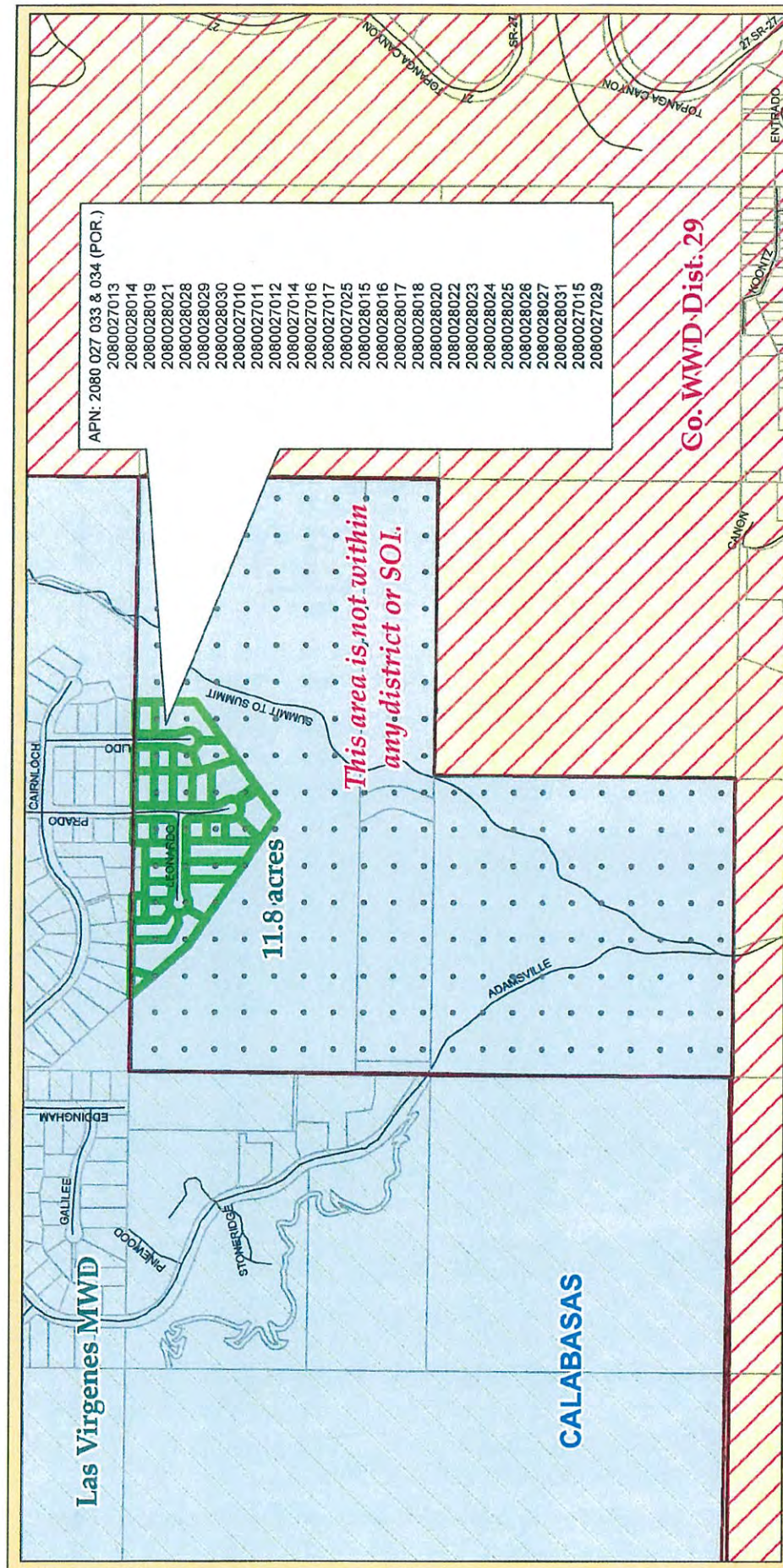
Proposed Resolution No. 2485



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



Area 6 Las Virgenes Municipal Water District



August 6, 2014



LAFCO
 Local Agency Formation Commission
 for the County of Los Angeles

Area 6
Las Virgenes
Municipal Water District



Legend

- Sphere of Influence Area
- Parcels serviced by LVMWD
- Parcels
- CWWD No. 29
- Las Virgenes MWD
- County Unincorporated
- Area not within any District or SOL

RESOLUTION OF APPLICATION TO INITIATE PROCEEDINGS BY THE LAS VIRGENES MUNICIPAL WATER DISTRICT REQUESTING THE LOCAL AGENCY FORMATION COMMISSION TO INITIATE PROCEEDINGS FOR THE REORGANIZATION OF TERRITORY LAFCO DESIGNATION NO. 2016-01 TO THE LAS VIRGENES MUNICIPAL WATER DISTRICT AND SPHERE OF INFLUENCE (SOI) AMENDMENT OF THE LAS VIRGENES MUNICIPAL WATER DISTRICT

BE IT RESOLVED by the Las Virgenes Municipal Water District Board of Directors as the governing body of the Las Virgenes Municipal Water District (District), that:

WHEREAS, the District desires to initiate proceedings pursuant to the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000, commencing with Section 56000 of the California Government Code, for a change of organization that would annex territory to the District; and

WHEREAS, this reorganization is being proposed based upon a Resolution of Application to Initiate Proceedings for a concurrent annexation of 11.8± acres (proposed territory) and SOI amendment filed by the District on behalf of the District; and

WHEREAS, the proposed territory to be annexed is inhabited; and

WHEREAS, the boundary of the reorganization area is described in the legal description, and depicted on the corresponding map, Exhibits A and B, respectively, for the annexation, which by this reference are incorporated herein; and

WHEREAS, the proposed concurrent annexation and SOI amendment of 11.8± acres is exempt from the California Environmental Quality Act (CEQA) pursuant to Article 19, Section 15319, Class 19(a) of the 2012 CEQA Statutes and Guidelines; and

WHEREAS, in addition, the proposed SOI amendment expansion of 110.65± acres to the District is exempt from the provisions of CEQA pursuant to State CEQA Guidelines Section 15061.b.3 because it can be seen with certainty that there is no possibility that the SOI amendment will be significant effect on the environment. The Sphere of Influence amendment of 110.65± acres will remain vacant with no proposed development at this time. Any future development would be subject to discretionary approval(s) by the City of Calabasas; and

WHEREAS, the SOI amendment of the District includes the proposed annexation territory and four vacant parcels (APNs: 2080 013 007, 2080 013 008, 2080 013 016, and 2080 013 902) total 122.45± acres; and

WHEREAS, the proposed territory and the four vacant parcels to be detached from the West Basin Municipal Water District, and amendment to the West Basin Municipal Water District SOI boundary/district Boundary;

NOW, THEREFORE, BE IT RESOLVED by the Las Virgenes Municipal Water District Board of Directors as the governing body of the District, that:

1. Application and a proposal is hereby made to the Local Agency Formation Commission of Los Angeles County for a change of organization as follows:
 - a. This proposal is made pursuant to the Cortese-Knox-Hertzberg Local Government Reorganization, Act of 2000 commencing with Section 56000, Government Code, State of California.
 - b. The nature of the proposed change of organization is the reorganization of the territory to the District.
 - c. The territory proposed to be annexed is inhabited and the boundary is described and depicted in Exhibits "A" and "B," for the annexation area, and is attached hereto.
 - d. It is desired that the proposed annexations provide for and be made subject to the following terms and conditions:
 - i. The annexed territory shall be subject to the payment of such service charges, assessments, or taxes as the District may legally impose.
 - ii. The Board of Directors of the Las Virgenes Municipal Water District shall be the governing body of the District.
 - iii. Any taxes, fees, charges, or assessments for the District may be collected by the County of Los Angeles Tax Collector in the same manner as ad valorem property taxes or as otherwise allowed by law.
 - e. The reason for this proposal is as follows:
 - i. The properties, officially designated as Assessor Parcel Nos. 2080 027 033 (POR.), 2080 027 034 (POR.), 2080 027 013, 2080 028 014, 2080 028 019, 2080 028 021, 2080 028 028, 2080 028 029, 2080 028 030, 2080 027 010, 2080 027 011, 2080 027 012, 2080 027 014, 2080 027 016, 2080 027 017, 2080 027 025, 2080 028 015, 2080 028 016, 2080 028 017, 2080 028 018, 2080 028 020, 2080 028 022, 2080 028 023, 2080 028 024, 2080 028 025, 2080 028 026, 2080 028 027,

2080 028 031, 2080 027 015, and 2080 027 029 have been receiving potable water and wastewater services from the District without having been formally annexed into the District. This action will update the District boundaries so that these properties are properly identified as being within the District.

2. This Resolution of application to Initiate Proceedings is hereby adopted and approved by the Las Virgenes Municipal Water District Board of Directors, and the Local Agency Formation Commission of Los Angeles County is hereby requested to initiate proceedings for the reorganization of territory as authorized and in the manner provided by the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000.

//

The foregoing Resolution was adopted on the _____ day of _____, 2015, by the Las Virgenes Municipal Water District Board of Directors as the governing body of the Las Virgenes Municipal Water District.

By _____
David W. Pedersen, P.E.
General Manager

APPROVED AS TO FORM:

COUNSEL

By _____
Wayne Lemieux



February 9, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject : Topanga Canyon Boulevard Parcels: Detachment Request

SUMMARY:

The owner of three properties on Topanga Canyon Boulevard at the District's easterly border has requested the parcels be detached from the District's service area and annexed to Los Angeles County Waterworks District No. 29, Malibu (WWD No. 29) and West Basin Municipal Water District. The properties are not currently receiving water service, and the owner has been unable to secure an easement necessary to extend the District's existing water system to them. WWD No. 29 staff have expressed a willingness to serve the properties because it has a water main in Topanga Canyon Boulevard that fronts one of properties. Prior to initiating a request for detachment of the properties from the District and annexation to WWD No. 29, the Local Agency Formation Commission of Los Angeles County (LACFO) asked if the District would approve the reorganization in concept.

RECOMMENDATION(S):

Consider whether or not to approve in concept the detachment of APN Nos. 2173-013-004, 2173-013-005 and 2173-013-006 from the District's service area.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

No

FINANCIAL IMPACT:

The financial impact of the detachment would be the loss of approximately \$400 per year in standby charge revenue and any applicable connection fees should the parcels be developed in the future.

DISCUSSION:

The three properties (APN Nos. 2172-013-004, 2173-013-005 and 2172-013-006) front Topanga Canyon Boulevard and are within the District's service area at its eastern border. The parcels are 0.43 acres, 0.53 acres and 37.13 acres in size, respectively. The smaller two parcels are vacant, while the larger 37-acre parcel is being used as a family horse ranch.

The District's nearest potable water system facilities are the west, north and south of the three properties. A water main extension would be required through A.C. Stelle Middle School to the west, a mobile home park to the north or through a Mulholland Heights Homeowners Association open space area to the south. To-date, the property owner has been unable to secure an easement through any of these routes despite an investment of nearly \$3,500 in legal fees.

An easement through A.C. Stelle Middle School has been problematic because the Las Virgenes Unified School District is currently in the process of dedicating the area as a conservation easement for mitigation of impacts associated with construction of the school. Approvals would be required from both the Resource Conservation District of the Santa Monica Mountains and U.S. Army Corps of Engineers for any construction within the conservation easement. However, those reviews cannot begin until the lengthy dedication process is completed. Further, it is unlikely that the disturbance of the mitigation area for extension of a water main would be permissible.

The property owner also explored extending a water main from the adjacent mobile home park. However, the water main extension would need to be constructed within private property, and the owners have not been supportive. Extension of a water main from the south is infeasible due to steep terrain and conflicts with an existing trail easement. As a result, the property owner has been unable to secure a viable means to extend the District's water system to his parcels.

The 37-acre parcel (APN No. 2173-013-006) and 0.43-acre parcel (APN No. 2173-013-004) are currently zoned A-1-2. The A-1 Zoning allows single-family residences and higher-density developments such as health retreats and senior citizen residences. The "-2" after the zoning designation means each single-family residence must have a minimum parcel size of 2 acres, so the maximum number of parcels that could be placed on the larger parcel would be 18. According to County Regional Planning staff, these A-1 parcels are very constrained with two significant ridgelines, a stream, oaks, and steep hillsides, so the chance of obtaining approval for an 18-lot subdivision is extremely low. The 0.53-acre parcel (APN No. 2173-013-005) is currently zoned RPD-0.5-U. RPD means the parcel received a zone change for a specific project with one-half acre per dwelling unit.

In 2008, a 19-lot development was proposed on the parcels. Subsequently, in 2010, an assisted living facility with four three-story buildings and 310 parking spaces was proposed. However, challenges were encountered on water main extensions required for both projects; the environmental documentation was never completed. There are not current development plans for the properties.

Attached for reference are maps of the location and copies of correspondence related to the property owners efforts to secure an easement for the water main extension.

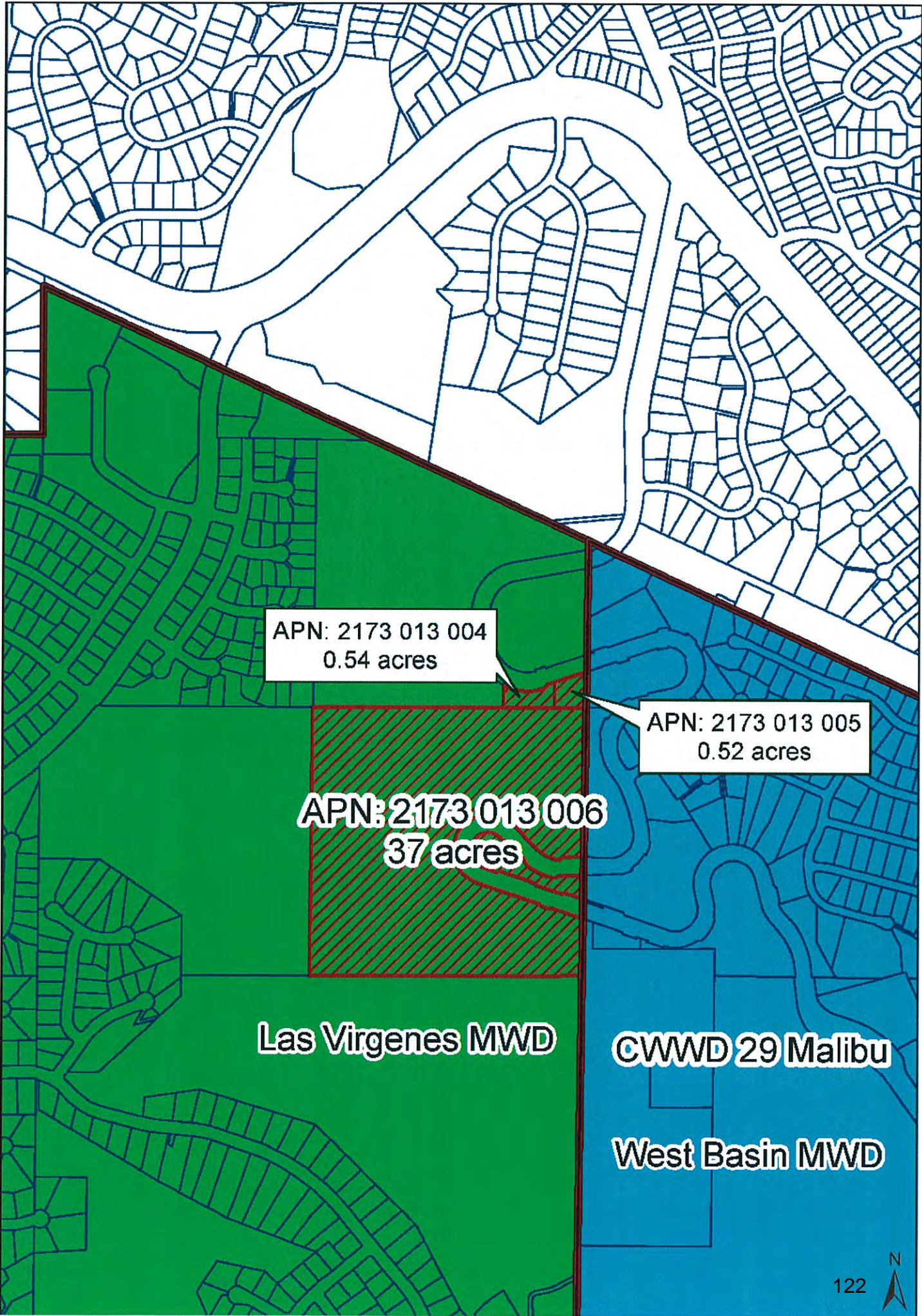
GOALS:

Provide Excellent Service That Exceeds Customer Expectations

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

ATTACHMENTS:

Maps and Correspondence for Water Main Extension



APN: 2173 013 004
0.54 acres

APN: 2173 013 005
0.52 acres

APN: 2173 013 006
37 acres

Las Virgenes MWD

CWWD 29 Malibu

West Basin MWD

Topanga
Canyon Blvd

Muholland Hwy



Legend

Conservation Easement



LAS VIRGENES UNIFIED SCHOOL DISTRICT
4111 LAS VIRGENES ROAD
CALABASAS, CALIFORNIA 91302
Telephone: (818) 880-4000
Fax: (818) 880-4200
www.lvusd.org



BOARD OF EDUCATION

ANGELA CUTBILL

JILL GAINES

CINDY ISER

DALLAS LAWRENCE

LESLI STEIN

DANIEL STEPENOSKY, Ed.D.
SUPERINTENDENT

December 29, 2014

Mr. Steve Weiser
KIBO Group
256 26th St., Ste 201
Santa Monica, CA 90402

Dear Mr. Weiser:

We are in receipt of your request for a waterline easement over part of the property at A.C. Stelle Middle School.

As you may not be aware of A.C. Stelle Middle School is considered an Oak and Riparian Mitigation Area. The 10' wide easement for water line purposes shown in your Exhibit "B" appears to be in the same location as the mitigation area.

Should you wish to have our attorneys investigate your request, please send \$5,000 in advance to cover any legal fees incurred by the district.

Sincerely,

A handwritten signature in black ink, appearing to read 'Karen Kimmel', is written over the typed name.

Karen Kimmel, CPA
Assistant Superintendent, Business

KK:kb

LAS VIRGENES UNIFIED SCHOOL DISTRICT
4111 LAS VIRGENES ROAD
CALABASAS, CALIFORNIA 91302
Telephone: (818) 880-4000
Fax: (818) 880-4200
www.lvusd.org



BOARD OF EDUCATION

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SUPERINTENDENT

April 24, 2015

Mr. Alberto Valner
President
KIBO Group
256 26th Street, Suite 201
Santa Monica, CA 90402

RE: Waterline Easement for Ravenswood Ranch Project

Dear Mr. Valner:

The Las Virgenes Unified School District ("District") has reviewed KIBO Group's ("KIBO") request for a waterline easement over a portion of the District's A.C. Stelle Middle School property ("Property"). Specifically, KIBO requested a 10' water line easement running along the northern boundary of the Property from Mulholland Drive to the Property's eastern boundary in order to provide water service to Ravenswood Ranch, located east of the Property ("Waterline Easement").

The District is not in a position to grant such an easement without approvals from the Resource Conservation District of the Santa Monica Mountains ("Santa Monica Conservation District") and the U.S. Army Corps of Engineers ("ACOE") due to its obligations under a conservation easement agreement to be finalized within the next few months ("Conservation Easement"). From drawings submitted by KIBO, it appears the Waterline Easement would cross through portions of the Property that will be subject to this Conservation Easement which is being granted as mitigation for the effects of construction of A.C. Stelle Middle School.

Section 14 of the Conservation Easement requires the District to obtain written approval from the Santa Monica Conservation District and the ACOE prior to granting any additional easements over the area subject to the Conservation Easement. It is likely that approval would depend on the amount of disturbance to the Property that construction, operation and maintenance of a waterline represents.

Before any action can be taken on KIBO's request, the Conservation Easement needs to be finalized and fully executed, expected to occur within the next few months. Once that document

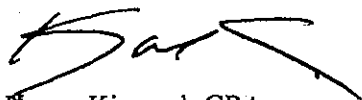
is recorded, if KIBO still is interested in obtaining the Waterline Easement, the District is willing to request it from the Conservation District and ACOE so long as there is no cost to the District.

The District would require a written agreement with KIBO outlining the obligations of each party for requesting approvals and an additional deposit of \$8,500 to be used for all expenses that might be incurred by the District related to the approval request, including legal fees, administrative costs, and other related costs.

Of the original \$5,000 the District received to inquire about the waterline easement request the legal fees incurred to date is \$3,441.50.

If you are still interested in pursuing this matter, please follow up with the District in 3 – 4 months to find out if the conservation easement has been recorded. If you have any additional questions, please do not hesitate to contact me. I am available by telephone at (818) 878-5203, or via email at kimmel@lvusd.org.

Sincerely,



Karen Kimmel, CPA
Assistant Superintendent – Business Services

copy: Kathleen J. McKee
Real Estate Counsel

Zhao, John

From: Steve Weiser <SWeiser@kibogroupla.com>
Sent: Thursday, December 10, 2015 11:59 AM
To: Zhao, John
Subject: 4101 topanga

John,

Thank you for the call yesterday, as I was saying we have been trying to get water to our ranch for over a year and 1/2 now. We started off talking with woodland hills trailer park, who at 1st was very nice and open to it till they said the only way we can get water from them is if we give them rights to tell us what we could ever build on the site and pay a large fee. Next was the LVUSD who we spoke with Kelly Beder, we spent months of time and paid to have there attorneys look threw the easement, in the end they passed us on to the Santa Monica conservancy and Army Cor of engineering. and that ended fast. Next we talked to the gated home community adjacent to the school and no home owner wants to allow us to dig up there yard and run a main line threw it. Our only option is to now get water service from dwp, the land adjacent to us and 2 of our existing properties are in waterworks district . Please help us and allow us to leave and receive water ASAP we have our horses and barn hands there

Thank you
Steve

KIBO GROUP

Steve Weiser

256 26TH ST., STE. 201

SANTA MONICA, CA 90402

Office (424) 293-2301

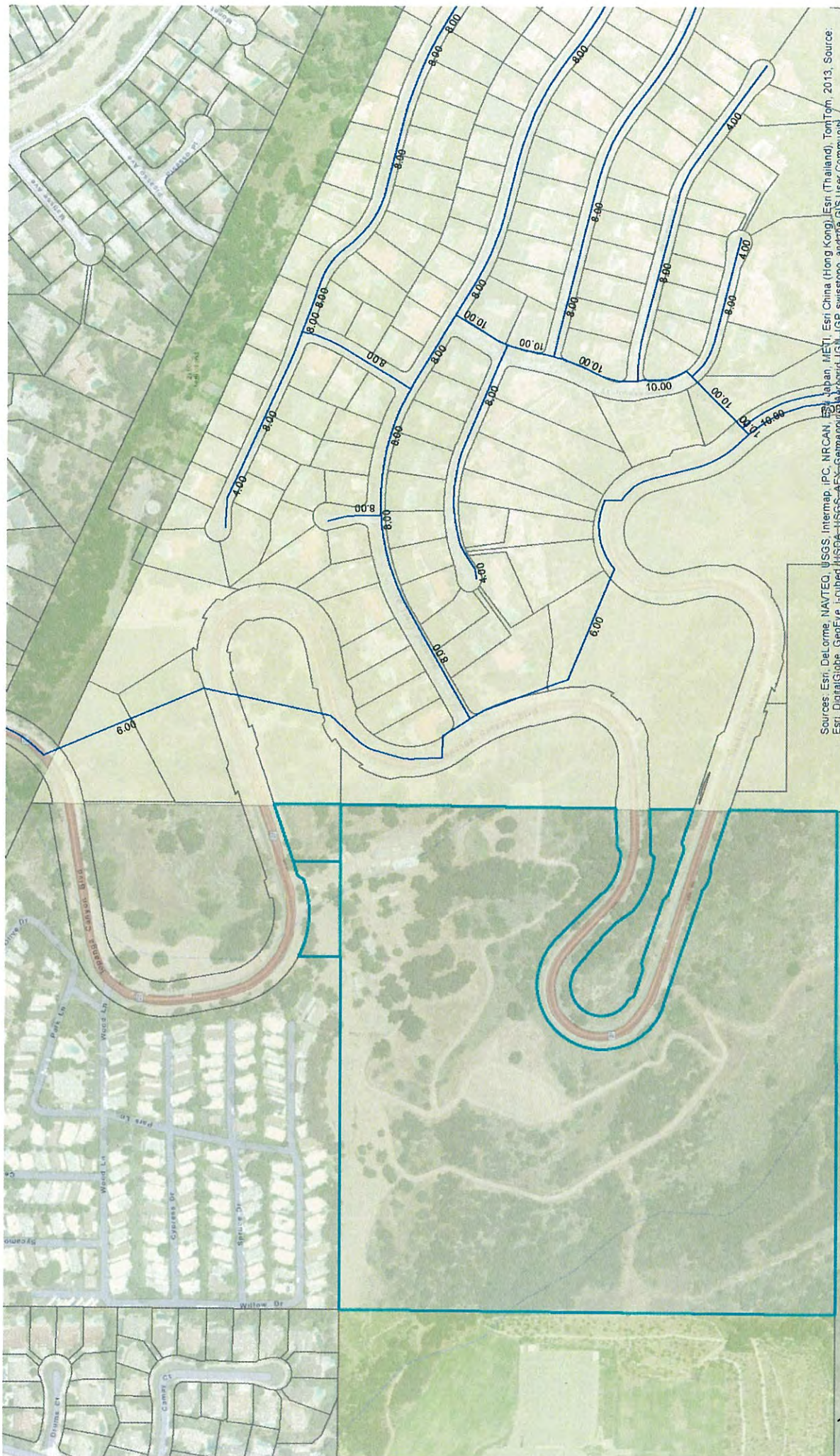
Fax. (424) 293-2060

Cell (818) 419-7122

Sweiser@kibogroupla.com

DISTRICT 29

WATER MAINS





February 9, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject : Infrastructure Investment Plan: Fiscal Years 2016-17 through 2020-21

SUMMARY:

The Infrastructure Investment Plan (IIP) is a planning document used to identify, prioritize and establish preliminary budgets for facility improvement and replacement projects over a five-year planning period.

The IIP incorporates proposed projects from a number of sources including the recently completed Potable Water, Sanitation and Recycled Water Master Plan Updates, implementation of recommendations in specific facility studies, regulatory requirements and facility condition assessments.

The IIP anticipates a total of \$73,793,611 in capital improvement projects over the five-year period. LVMWD's share of the total would be \$61,764,972, which consists of \$32,544,569 for potable water projects, \$24,254,710 for sanitation projects and \$4,965,693 for recycled water projects. Triunfo Sanitation District's share of the JPA projects would be \$12,028,639.

RECOMMENDATION(S):

Receive and file the Infrastructure Investment Plan for Fiscal Years 2016-17 through 2020-21.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

FINANCIAL IMPACT:

The IIP is a planning document and does not appropriate funds to any project with the

recommended action. The appropriations for projects planned for Fiscal Years 2016-17 and 2017-18 will be presented with the Proposed Two-Year Budget Plan in May.

The previous year's IIP (Fiscal Years 2015-16 through 2019-20) was an integral part of the District's 2015 rate study, which provided the basis for the current five-year schedule. As part of this proposed IIP process, staff compared the proposed IIP to the capital improvement projects assumed in the 5-year projections contained in the rate study model. The total proposed projects are consistent with the 2015 rate study with the exception of \$9.4 million in funding for AMR/AMI and \$5.1 million in funding for proposed Building No. 1 improvements. Staff will present funding and financing options for these projects as they are developed.

DISCUSSION:

The IIP covers a planning period of five-years and uses the recently completed Potable Water, Sanitation and Recycled Water Master Plan Updates, specific facility plans, known regulatory requirements and condition assessments to identify proposed capital projects and programs. Much of the focus for this IIP is on replacement and rehabilitation of aging facilities serving the potable water, sanitation and recycled water systems.

Potable water system project focus on improving the ability to meet expanded demand and emergency supply, and to modernize the system through implementation of automated metering infrastructure (AMR/AMI).

In addition to the general reliability improvement program initiated last year for Tapia, potential sanitation projects are proposed for the plant to achieve Summer Season compliance with the TMDL for Malibu Creek.

For the recycled water system, continued efforts will focus on recycled water seasonal storage and on the Woodland Hills Golf Course recycled water pipeline extension.

Following is a summary of major projects included in the IIP:

Potable Water System Improvements

- Raise Air Vacuum Valves
- Twin Lakes Pump Station Pipeline
- Interconnection with CMWD
- Westlake Filtration Plant Expansion
- Westlake Pump Station Upgrade
- Twin Lakes Tank Drainage Project
- Potable Water System Rehabilitation
- Potable Water Tank Coating Evaluation
- AMR Implementation
- Nitrification Measures Implementation

Tapia Water Reclamation Facility:

- Tapia Sluice Gate and Drive Replacement
- Centrate Equalization Tank
- Programmable Logic Controller Upgrades
- Tapia Reliability Improvements
- Tapia Electrical Duct Bank Infrastructure Upgrade
- Tapia Primary Clarifier Tank Nos. 2-5 Rehabilitation

- Summer Season 2013 TMDL Compliance
- Process Air Improvements

Rancho Las Virgenes Composting Facility:

- Raw Sludge Wet Well Mixing Improvements
- Digester Cleaning
- Reliability Improvements
- Amendment Bin and Conveyance Modification

Recycled Water System:

- Lost Hills Overpass Recycled Water Main Relocation
- Recycled Water Storage - Phase II
- Woodland Hills Golf Course Recycled Water Pipeline Extension (100% reimbursed by LADWP)
- Miscellaneous Recycled Water System Extensions
- Recycled Water Tank Coating

At the Board meeting, staff will provide a presentation on the various proposed projects as well as an overview of funding strategies needed to implement the IIP.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Doug Anders, Administrative Services Coordinator

ATTACHMENTS:

Proposed Infrastructure Investment Plan

LVMWD REPORT # 2723.00

4232 LAS VIRGENES ROAD
CALABASAS, CALIFORNIA 91302-1994
TELEPHONE: (818)251-2100
LOS ANGELES COUNTY, CALIFORNIA

**LVMWD INFRASTRUCTURE
INVESTMENT PLAN (IIP)**

FISCAL YEAR 2016/17 – FISCAL YEAR 2020/21

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Section 1

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Infrastructure Investment Plan
For the Period of
FY 2016/17 - FY 2020/21

Overview

The Capital Improvements Plan or Infrastructure Investment Plan (Plan) is a planning document used to identify, prioritize and establish baseline expenditures for facility improvements or replacement projects which ensure the district can consistently meet the needs of the public, both for now and into the future.

This Plan covers a five (5) year planning horizon and provides historical detail related ongoing Potable Water, Sanitation and Recycled Water projects. When applicable, information from recently completed planning documents and studies are used to update project cost estimates.

The information provided in this Plan is intended to inform the reader of current and proposed capital improvement projects, their status and potential costs. Reports are included that sort projects and costs by priority and by location. Detailed project descriptions, sorted in numerical order, are found in Section 3.

The Infrastructure Investment Plan has been prepared and reviewed by staff to identify the candidate projects for future funding consideration and accomplishment. The Plan incorporates facility needs identified by a number of sources. These include: integration of new facility improvements identified in master planning documents; implementation of actions recommended in major studies; the facilities or programs necessary to meet regulatory compliance requirements; and, maintenance, repair, or replacement of component systems to continue normal operations.

The Plan places the prospective projects into various program years to organize them over the five-year planning period. Because of the complexity of facility planning, either deferral or speeding up of projects may occur. These changes are dealt with in the Annual Budget and are amended in the next year's Plan. Receipt of the Infrastructure Investment Plan by the Board of Directors is recognized as one of the key planning steps necessary to formulate an overall Financial Plan and Budget for the District.

Assumptions

Significant drivers influencing the development of the Infrastructure Investment Plan ("Plan") include: 1) regulatory and policy issues effecting LVMWD and JPA operations; 2) master plan recommended facility replacement and repair; and 3) internally developed programs to improve service delivery and efficiency. Some examples include:

- The Potable Water, Sanitation and Recycled Water System Master Plans were completed in fiscal year 2013-2014. Projects included in this Plan and out-year projects will be evaluated relative to the findings in the new master plan documents.
- Potable water system projects will focus on improving ability to meet expanded demand and emergency supply, and to modernize the system through implementation of automated metering infrastructure.
- Projects related to proposed regulatory standards for Malibu Creek and their impact to the Tapia Water Reclamation Facility ("Tapia") are included in this plan (60048 Summer Season 2013 TMDL Compliance).
- Significant effort will continue towards developing recycled water seasonal storage options (10587 - Recycled Water Storage – PH II).
- The Woodland Hills Golf Course recycled water pipeline extension – expenses to be fully reimbursed by the LADWP – will move forward.
- Repair and replacement projects for JPA facilities will be scheduled for long term protection of agencies' investment and to improve operational efficiencies.

Summary

This year's Plan follows the previous trend on placing emphasis on "replacement-funded" projects for Recycled Water and Sanitation facilities. The proposed expenditures reflect the replacement of maturing district infrastructure and the need to replace, upgrade or refurbish existing systems to continue to provide high quality, reliable service. Exceptions to this trend are the pro-rata portions of projects that are attributed to new development or new users.

Major projects and programs with activity planned in fiscal year 2016-17 are summarized below.

Potable Water System

- Raise Air Vacuum Valves (10236)
- Twin Lakes Pump Station Pipeline (10430)
- Interconnection with CMWD (10556)
- Westlake Filtration Plant Expansion (10557)
- Westlake Pump Station Upgrade (10558)
- Twin Lakes Tank Drainage Project (10568)

- Potable Water System Rehabilitation (10590)
- Potable Water Tank Coating Evaluation (60049)
- AMR Implementation (99940)
- Nitrification Measures Implementation (99989)

Rancho/Farm

- Raw Sludge Wet Well Mixing (10537)
- Rancho Las Virgenes Digester Cleaning (10565)
- Rancho Reliability Improvements (10601)
- Rancho Amendment Bin and Conveyance Modification Project (60000)

Recycled Water (RW) System

- Lost Hills Overpass Recycled Water Main Relocation (10540)
- Recycled Water Storage – PH II (10587)
- Woodland Hills Golf Course RW Pipeline Extension (10588)
- Miscellaneous RW Extension (10602)
- Recycled Water Tank Coating (60050)

Tapia Water Reclamation Facility

- Tapia Sluice Gate and Drive (10513)
- Centrate Equalization Tank (10564)
- Programmable Logic Controller Upgrades (10567)
- Tapia Water Reclamation Facility Reliability Improvements (10600)
- Tapia Duct Bank Infrastructure Upgrade (60006)
- Tapia Primary Tanks No. 2-5 Rehabilitation (60043)
- Summary Season 2013 TMDL Compliance (60048)
- Process Air Improvements (99910)

Sewers and Lift Stations

- Manhole Rehabilitation (10559)
- Flow Meter Replacement (60040)

Administrative & Programs

- SCADA System Communication Upgrades (10520)
- Building No. 8 Computer Center Upgrades (10541)
- Security Upgrades (10579)
- CIS Infinity Software Upgrade (10593)
- Building #1 Tenant Improvements (10603)
- Headquarters Pavement Rehabilitation (60001)
- LCD Video Wall System (60002)
- Building No. 7 Furniture Replacement (60009)
- Building No. 7 Fire Panel Replacement (60014)
- Agenda Management Software (60034)
- Audio/Video Conferencing (60035)
- JD Edwards ERP Assessment (60036)
- AMMS Post Implementation Evaluation Review (60037)

Program Expense Offset

Programmed into the IIP are project expense offsets that reduce the overall cost or spread (through financing) the cost of implementing the Plan. The offsets are related to grant funding, financing, income generated from the project and reimbursement from other agencies. The included program offsets are listed below.

- Program 10556 - Interconnection With CMWD (60053: Grant Funding)
- Program 10602 - Miscellaneous RW Extension (60054: Grant Funding)
- Program 99940 - AMI/AMR Implementation (60055: Traditional Financing)
- Program 10603 - Building No. 1 Tenant Improvements (60056: Rental Income)
- Program 10588 - Woodland Hills Golf Course (99996: Reimbursement)

Infrastructure Investment Plan
Fiscal Year 2016-17-- Fiscal Year 2020-21

Expenditures by Fund

	FY 16/17	FY17/18	FY18/19	FY19/20	FY 20/21	5-Year Total
P/W Construction	\$1,166,310	\$357,483	\$0	\$0	\$16,500	\$1,540,294
P/W Replacement	\$9,792,242	\$5,782,177	\$4,182,666	\$3,923,597	\$7,280,693	\$30,961,375
Sanitation Construction	\$1,182,350	\$943,400	\$508,400	\$905,000	\$695,000	\$4,234,150
Sanitation Replacement	\$6,474,122	\$5,394,761	\$4,435,665	\$6,149,800	\$7,693,000	\$30,147,348
RW Conservation	\$676,780	\$1,357,400	\$656,400	\$656,400	\$210,000	\$3,556,980
RW Replacement	\$1,215,064	\$137,500	\$71,500	\$221,500	\$1,665,000	\$3,310,564
Total Costs	\$20,506,868	\$14,015,622	\$9,854,631	\$11,856,297	\$17,560,193	\$73,793,611

Infrastructure Investment Plan
Fiscal Year 2016/17 - Fiscal Year 2020/21

Las Virgenes - Triunfo Joint Powers Authority Cost Sharing

	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	5-Year Total
P/W Construction	\$1,166,310	\$357,483	\$0	\$0	\$16,500	\$1,540,294
P/W Replacement	\$9,792,242	\$5,825,077	\$4,182,666	\$3,923,597	\$7,280,693	\$31,004,275
Sanitation Construction	\$834,739	\$666,040	\$358,930	\$638,930	\$490,670	\$2,989,310
Sanitation Replacement	\$4,548,565	\$3,734,623	\$3,170,387	\$4,380,567	\$5,431,258	\$21,265,400
RW Conservation	\$477,807	\$958,324	\$463,418	\$463,418	\$148,260	\$2,511,228
RW Replacement	\$975,042	\$97,075	\$50,479	\$156,379	\$1,175,490	\$2,454,465
LVMWD Share	\$17,794,705	\$11,638,623	\$8,225,881	\$9,562,891	\$14,542,871	\$61,764,972

	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	5-Year Total
Sanitation Construction	\$347,611	\$277,360	\$149,470	\$266,070	\$204,330	\$1,244,840
Sanitation Replacement	\$1,925,557	\$1,660,138	\$1,265,278	\$1,769,233	\$2,261,742	\$8,881,948
RW Conservation	\$198,973	\$399,076	\$192,982	\$192,982	\$61,740	\$1,045,752
RW Replacement	\$240,022	\$40,425	\$21,021	\$65,121	\$489,510	\$856,099
TSD Share	\$2,712,163	\$2,376,998	\$1,628,750	\$2,293,406	\$3,017,322	\$12,028,639
TOTAL COSTS	\$20,506,868	\$14,015,622	\$9,854,631	\$11,856,297	\$17,560,193	\$73,793,611

Infrastructure Investment Plan
Fiscal Year 2016/17 - Fiscal Year 2020/21

Expenditures by Priority

	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Five-year total
Priority 1	\$2,945,953	\$1,158,953	\$781,536	\$2,943,597	\$2,925,119	\$10,755,158
Priority 2	\$11,289,105	\$7,186,457	\$5,302,285	\$4,334,600	\$8,029,674	\$36,142,120
Priority 3	\$6,271,810	\$5,670,212	\$3,770,810	\$4,578,100	\$6,605,400	\$26,896,332
TOTAL ALL PROJECTS	\$20,506,868	\$14,015,622	\$9,854,631	\$11,856,297	\$17,560,193	\$73,793,611

Priority 1: Essential project. Required by law or regulation; by disaster response; or by emergency or hazardous situation.

Priority 2: Necessary project. Required to maintain service reliability; safety; cost related efficiency or matching funds; water quality; current demand.

Priority 3: Desirable or Routine Project. Routine improvement; no direct cost benefit; cosmetic; or future demand.

Infrastructure Investment Plan
Fiscal Year 2016/17 - Fiscal Year 2020/21

Expenditures by Location

	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Five-year total
ADMINISTRATIVE	\$4,414,200	\$3,405,063	\$1,109,745	\$401,100	\$0	\$9,330,108
POTABLE WATER	\$16,662,807	\$3,031,007	\$2,200,230	\$2,623,900	\$6,417,074	\$30,935,018
PROGRAM EXPENSE OFFSET	\$-12,061,855	\$-8,615,048	\$-7,314,464	\$723,597	\$705,119	\$-26,562,651
PROGRAMS	\$506,100	\$175,000	\$175,000	\$175,000	\$175,000	\$1,206,100
RANCHO/FARM	\$1,255,500	\$751,000	\$2,042,320	\$687,000	\$1,319,000	\$6,054,820
RECYCLED WATER	\$4,358,034	\$10,829,900	\$10,008,900	\$2,102,900	\$2,365,000	\$29,664,734
SCADA	\$43,100	\$0	\$0	\$0	\$0	\$43,100
SEWER/LIFT STATIONS	\$223,472	\$242,880	\$132,000	\$132,000	\$0	\$730,352
TAPIA	\$5,105,510	\$4,047,920	\$1,500,900	\$5,010,800	\$6,579,000	\$22,244,130
WESTLAKE	\$0	\$147,900	\$0	\$0	\$0	\$147,900
TOTAL ALL PROJECTS	\$20,506,868	\$14,015,622	\$9,854,631	\$11,856,297	\$17,560,193	\$73,793,611

Section 2

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Infrastructure Investment Plan
Fiscal Year 2016/17 - Fiscal Year 2020/21

Projects by Priority

Priority	Project Number	Title	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Five-year total
1	10557	Westlake Filtration Plant Expansion	1,861,304					1,861,304
1	10565	Rancho Las Virgenes Digester	198,000					198,000
1	10568	Twin Lakes Tank Drainage Project	151,800					151,800
1	10592	Agoura Road Recycled Water Main	390,200					390,200
1	10593	CIS Infinity Software Upgrade	118,800					118,800
1	60040	Flow Meter Replacement - JPA	25,849					25,849
1	60048	Summer Season 2013 TMDL	200,000	400,000	40,000	2,220,000	2,220,000	5,080,000
1	60055	Offset to IIP No. 99940 - AMR/AMI	-9,404,855	1,200,000	1,200,000	1,200,000	1,200,000	-4,604,855
1	60056	Offset to IIP No. 10603 - Building		-441,047	-458,464	-476,403	(494,881)	-1,870,795
1	99940	AMR IMPLEMENTATION FY 2016	9,404,855					9,404,855
		SUB-TOTAL PRIORITY 1	\$2,945,953	\$1,158,953	\$781,536	\$2,943,597	\$2,925,119	\$10,755,158
2	10236	Raise Air Vacuum Valves and	373,360					373,360
2	10430	Twin Lakes Pump Station Pipeline	918,777	905,777				1,824,553
2	10513	Tapia Sluice Gate and Drive	371,200	212,800	212,800	212,800		1,009,600
2	10520	SCADA System Communication		67,361	43,845			111,206
2	10521	SCADA System Communication		1,344,010	1,065,900			2,409,910
2	10537	Raw Sludge Wet Well Mixing	149,000					149,000
2	10540	Lost Hills Overpass Recycled Water	622,054					622,054
2	10541	Building No. 8 Computer Center	33,000					33,000
2	10556	Interconnection With CMWD	1,564,730	1,379,730				2,944,460
2	10558	Westlake Pump Station Upgrade	1,948,781					1,948,781
2	10559	Manhole Rehabilitation	134,000	242,880				376,880
2	10564	Centrate Equalization Tank	1,332,000					1,332,000
2	10567	Programmable Logic Controller	387,500	379,050	53,300			819,850
2	10587	Recycled Water Storage - PH-II	1,750,000	1,850,000	1,750,000	1,750,000	700,000	7,800,000
2	10588	Woodland Hills Golf Course RW	1,060,000	8,106,000	8,056,000			17,222,000
2	10590	Potable Water System Rehabilitation	198,000	198,000	198,000	198,000	132,000	924,000
2	10596	Lift Stations Programmable Logic	54,340					54,340
2	10601	Rancho Reliability Improvements	132,000	132,000	132,000	132,000	132,000	660,000
2	10602	Miscellaneous RW Extension	505,780	131,400	131,400	131,400		899,980
2	60000	Rancho Amendment Bin and	776,500					776,500
2	60006	Tapia Duct Bank Infrastructure	66,000	184,750				250,750
2	60008	Westlake Pump Station Roof Repair		105,000				105,000
2	60012	FY 16-17 Vehicle Replacement	175,000					175,000

Infrastructure Investment Plan
Fiscal Year 2016/17 - Fiscal Year 2020/21

Projects by Priority

Priority	Project Number	Title	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Five-year total
2	60013	SCADA Hub Emergency Generator at	43,100					43,100
2	60014	Building No. 7 Fire Panel	57,300					57,300
2	60031	New RAS Wet Well and Pumps					1,220,000	1,220,000
2	60034	Agenda Management	66,500					66,500
2	60035	Audio/Video Conferencing	79,800					79,800
2	60036	JDEdwards PIER / ERP Assessment	232,750					232,750
2	60037	AMMS PIER	99,750					99,750
2	60041	Flow Meter Replacement - LV Meter	9,283					9,283
2	60043	Tapia: Primary Tanks No. 2 - 5	646,600	329,800	329,800			1,306,200
2	60044	Westlake Pump Station and		42,900				42,900
2	60045	Alice Stelle Recycled Water Main		671,000				671,000
2	60047	Cornell Pump Station Upgrades				1,246,000	1,026,750	2,272,750
2	60049	Potable Water Tank Coating	30,000	71,500	71,500	71,500		244,500
2	60050	Recycled Water Tank Coating	30,000	71,500	71,500	71,500		244,500
2	60053	Offset to IIP No. 10566 -	-1,243,000	-1,268,001				-2,511,001
2	60054	Offset to IIP No. 10602 - Misc. RW	-354,000					-354,000
2	99926	Rancho Las Virgenes Sludge			635,000			635,000
2	99964	Potable Pipeline System Upgrade			607,240	521,400	4,818,924	5,947,564
2	99989	Nitrification Measures	99,000	135,000				234,000
2	99996	OFFSET OF IIP #10588	-1,060,000	-8,106,000	-8,056,000			-17,222,000
		SUB-TOTAL PRIORITY 2	\$11,289,105	\$7,186,457	\$5,302,285	\$4,334,600	\$8,029,674	\$36,142,120
3	10577	Potable Water Pump Station	112,200	198,000				310,200
3	10578	Security Upgrades - LVMWD	33,000					33,000
3	10579	Security Upgrades - JPA	19,800					19,800
3	10597	Tapia Electrical and Instrumentation	172,810	66,000				238,810
3	10600	Tapia Water Reclamation Facility	132,000	132,000	132,000	132,000	132,000	660,000
3	10603	Building #1 Tenant Improvements	3,371,000	1,686,132				5,057,132
3	60001	Headquarters Pavement	228,800					228,800
3	60002	LCD Video Wall System	66,500					66,500
3	60009	Building No. 7 Furniture	60,000					60,000
3	60011	New John Deere Backhoe	146,300					146,300
3	60022	Building 7 and 8 Lighting Efficiency		307,560				307,560
3	60023	Tapia Lighting Efficiency Upgrade		469,920				469,920
3	60024	Rancho Lighting Efficiency Upgrade		594,000				594,000

Infrastructure Investment Plan
Fiscal Year 2016/17 - Fiscal Year 2020/21

Projects by Priority

Priority	Project Number	Title	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Five-year total
3	60030	Grit Chamber Mixing System					133,000	133,000
3	60032	Pavement Restoration Tapia					432,000	432,000
3	60033	Pavement Restoration Rancho			533,320			533,320
3	60038	IT Capital Purchases	132,000					132,000
3	60046	Building No. 8 Office Space				401,100		401,100
3	80644	Tank Renovation: Equestrian Tank				444,000	389,400	833,400
3	80713	Vehicle Replacement Program		175,000	175,000	175,000	175,000	700,000
3	80748	Rancho: Replace Agitators				555,000	555,000	1,110,000
3	99910	Process Air Improvements	1,797,400	1,873,600				3,671,000
3	99911	Rancho Las Virgenes: FOG		25,000	742,000			767,000
3	99967	Tapia Automated Filter Wash down			143,000			143,000
3	99972	Primary Effluent Equalization			490,000	2,446,000	2,442,000	5,378,000
3	99975	A/B Bus Electrical Modification			100,000			100,000
3	99978	Ovation Upgrade					632,000	632,000
3	99981	Agoura Road Extension Phase II				150,000	1,665,000	1,815,000
3	99982	Lift Station Reliability Improvements			66,000	66,000		132,000
3	99983	Trunk Sewer System Improvements			66,000	66,000		132,000
3	99985	McCoy Pump Station Expansion			1,180,490			1,180,490
3	99990	Potable Water System PLC Upgrade			143,000			143,000
3	99991	Westlake Filter Plant PLC Upgrade		143,000				143,000
3	99992	Seminole Subsystem Improvement					50,000	50,000
3	99998	Water System PLC Upgrade Phase 2				143,000		143,000
SUB-TOTAL PRIORITY 3			\$6,271,810	\$5,670,212	\$3,770,810	\$4,578,100	\$6,605,400	\$26,896,332
TOTAL ALL PROJECTS			\$20,506,868	\$14,015,622	\$9,854,631	\$11,856,297	\$17,560,193	\$73,793,611

Infrastructure Investment Plan
Fiscal Year 2016/17 - Fiscal Year 2020/21

Projects by Location

Project Number	Title	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Five-year total
ADMINISTRATIVE							
10520	SCADA System Communication	0	67,361	43,845	0	0	111,206
10521	SCADA System Communication	0	1,344,010	1,065,900	0	0	2,409,910
10541	Building No. 8 Computer Center	33,000	0	0	0	0	33,000
10593	CIS Infinity Software Upgrade	118,800	0	0	0	0	118,800
10603	Building #1 Tenant Improvements	3,371,000	1,686,132	0	0	0	5,057,132
60001	Headquarters Pavement Rehabilitation	228,800	0	0	0	0	228,800
60002	LCD Video Wall System	66,500	0	0	0	0	66,500
60009	Building No. 7 Furniture	60,000	0	0	0	0	60,000
60014	Building No. 7 Fire Panel Replacement	57,300	0	0	0	0	57,300
60022	Building 7 and 8 Lighting Efficiency	0	307,560	0	0	0	307,560
60034	Agenda Management	66,500	0	0	0	0	66,500
60035	Audio/Video Conferencing	79,800	0	0	0	0	79,800
60036	JDEdwards PIER / ERP Assessment	232,750	0	0	0	0	232,750
60037	AMMS PIER	99,750	0	0	0	0	99,750
60046	Building No. 8 Office Space	0	0	0	401,100	0	401,100
SUB-TOTAL ADMINISTRATIVE		\$4,414,200	\$3,405,063	\$1,109,745	\$401,100	\$0	\$9,330,108
POTABLE WATER							
10236	Raise Air Vacuum Valves and Abandon	373,360	0	0	0	0	373,360
10430	Twin Lakes Pump Station Pipeline	918,777	905,777	0	0	0	1,824,553
10556	Interconnection With CMWD	1,564,730	1,379,730	0	0	0	2,944,460
10557	Westlake Filtration Plant Expansion	1,861,304	0	0	0	0	1,861,304
10558	Westlake Pump Station Upgrade	1,948,781	0	0	0	0	1,948,781
10568	Twin Lakes Tank Drainage Project	151,800	0	0	0	0	151,800
10577	Potable Water Pump Station	112,200	198,000	0	0	0	310,200
10590	Potable Water System Rehabilitation	198,000	198,000	198,000	198,000	132,000	924,000
60047	Cornell Pump Station Upgrades	0	0	0	1,246,000	1,026,750	2,272,750
60049	Potable Water Tank Coating Evaluation	30,000	71,500	71,500	71,500	0	244,500
80644	Tank Renovation: Equestrian Tank	0	0	0	444,000	389,400	833,400
99940	AMR IMPLEMENTATION FY 2016-2017	9,404,855	0	0	0	0	9,404,855
99964	Potable Pipeline System Upgrade (2014)	0	0	607,240	521,400	4,818,924	5,947,564
99985	McCoy Pump Station Expansion	0	0	1,180,490	0	0	1,180,490
99989	Nitrification Measures Implementation	99,000	135,000	0	0	0	234,000
99990	Potable Water System PLC Upgrade	0	0	143,000	0	0	143,000

Infrastructure Investment Plan
Fiscal Year 2016/17 - Fiscal Year 2020/21

Projects by Location

Project Number	Title	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Five-year total
99991	Westlake Filter Plant PLC Upgrade	0	143,000	0	0	0	143,000
99992	Seminole Subsystem Improvement	0	0	0	0	50,000	50,000
99998	Water System PLC Upgrade Phase 2	0	0	0	143,000	0	143,000
SUB-TOTAL POTABLE WATER		\$16,662,807	\$3,031,007	\$2,200,230	\$2,623,900	\$6,417,074	\$30,935,018
PROGRAM EXPENSE OFFSET							
60053	Offset to IIP No. 10556 -	-1,243,000	-1,268,001	0	0	0	-2,511,001
60054	Offset to IIP No. 10602 - Misc. RW	-354,000	0	0	0	0	-354,000
60055	Offset to IIP No. 99940 - AMR/AMI	-9,404,855	1,200,000	1,200,000	1,200,000	1,200,000	-4,604,855
60056	Offset to IIP No. 10603 - Building No. 1	0	-441,047	-458,464	-476,403	-494,881	-1,870,795
99996	OFFSET OF IIP #10588	-1,060,000	-8,106,000	-8,056,000	0	0	-17,222,000
SUB-TOTAL PROGRAM EXPENSE		\$-12,061,855	\$-8,615,048	\$-7,314,464	\$723,597	\$705,119	\$-26,562,651
PROGRAMS							
10578	Security Upgrades - LVMWD	33,000	0	0	0	0	33,000
10579	Security Upgrades - JPA	19,800	0	0	0	0	19,800
60011	New John Deere Backhoe	146,300	0	0	0	0	146,300
60012	FY 16-17 Vehicle Replacement Program	175,000	0	0	0	0	175,000
60038	IT Capital Purchases	132,000	0	0	0	0	132,000
80713	Vehicle Replacement Program	0	175,000	175,000	175,000	175,000	700,000
SUB-TOTAL PROGRAMS		\$506,100	\$175,000	\$175,000	\$175,000	\$175,000	\$1,206,100
RANCHO/FARM							
10537	Raw Sludge Wet Well Mixing	149,000	0	0	0	0	149,000
10565	Rancho Las Virgenes Digester Cleaning	198,000	0	0	0	0	198,000
10601	Rancho Reliability Improvements	132,000	132,000	132,000	132,000	132,000	660,000
60000	Rancho Amendment Bin and	776,500	0	0	0	0	776,500
60024	Rancho Lighting Efficiency Upgrade	0	594,000	0	0	0	594,000
60033	Pavement Restoration Rancho	0	0	533,320	0	0	533,320
80748	Rancho: Replace Agitators	0	0	0	555,000	555,000	1,110,000
99911	Rancho Las Virgenes: FOG Receiving	0	25,000	742,000	0	0	767,000
99926	Rancho Las Virgenes Sludge Thickening	0	0	635,000	0	0	635,000
99978	Ovation Upgrade	0	0	0	0	632,000	632,000
SUB-TOTAL RANCHO/FARM		\$1,255,500	\$751,000	\$2,042,320	\$687,000	\$1,319,000	\$6,054,820

Infrastructure Investment Plan
Fiscal Year 2016/17 - Fiscal Year 2020/21

Projects by Location

Project Number	Title	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Five-year total
RECYCLED WATER							
10540	Lost Hills Overpass Recycled Water	622,054	0	0	0	0	622,054
10587	Recycled Water Storage - PH-II	1,750,000	1,850,000	1,750,000	1,750,000	700,000	7,800,000
10588	Woodland Hills Golf Course RW Pipeline	1,060,000	8,106,000	8,056,000	0	0	17,222,000
10592	Agoura Road Recycled Water Main	390,200	0	0	0	0	390,200
10602	Miscellaneous RW Extension	505,780	131,400	131,400	131,400	0	899,980
60045	Alice Stelle Recycled Water Main	0	671,000	0	0	0	671,000
60050	Recycled Water Tank Coating	30,000	71,500	71,500	71,500	0	244,500
99981	Agoura Road Extension Phase II	0	0	0	150,000	1,665,000	1,815,000
SUB-TOTAL RECYCLED WATER		\$4,358,034	\$10,829,900	\$10,008,900	\$2,102,900	\$2,365,000	\$29,664,734
SCADA							
60013	SCADA Hub Emergency Generator at	43,100	0	0	0	0	43,100
SUB-TOTAL SCADA		\$43,100	\$0	\$0	\$0	\$0	\$43,100
SEWER/LIFT STATIONS							
10559	Manhole Rehabilitation	134,000	242,880	0	0	0	376,880
10596	Lift Stations Programmable Logic	54,340	0	0	0	0	54,340
60040	Flow Meter Replacement - JPA Meters	25,849	0	0	0	0	25,849
60041	Flow Meter Replacement - LV Meter (1)	9,283	0	0	0	0	9,283
99982	Lift Station Reliability Improvements	0	0	66,000	66,000	0	132,000
99983	Trunk Sewer System Improvements	0	0	66,000	66,000	0	132,000
SUB-TOTAL SEWER/LIFT STATIONS		\$223,472	\$242,880	\$132,000	\$132,000	\$0	\$730,352
TAPIA							
10513	Tapia Sluice Gate and Drive	371,200	212,800	212,800	212,800	0	1,009,600
10564	Centrate Equalization Tank	1,332,000	0	0	0	0	1,332,000
10567	Programmable Logic Controller	387,500	379,050	53,300	0	0	819,850
10597	Tapia Electrical and Instrumentation	172,810	66,000	0	0	0	238,810
10600	Tapia Water Reclamation Facility	132,000	132,000	132,000	132,000	132,000	660,000
60006	Tapia Duct Bank Infrastructure Upgrade	66,000	184,750	0	0	0	250,750
60023	Tapia Lighting Efficiency Upgrade	0	469,920	0	0	0	469,920
60030	Grit Chamber Mixing System	0	0	0	0	133,000	133,000
60031	New RAS Wet Well and Pumps	0	0	0	0	1,220,000	1,220,000
60032	Pavement Restoration Tapia	0	0	0	0	432,000	432,000

Infrastructure Investment Plan
Fiscal Year 2016/17 - Fiscal Year 2020/21

Projects by Location

Project Number	Title	FY16/17	FY17/18	FY18/19	FY19/20	FY20/21	Five-year total
60043	Tapia: Primary Tanks No. 2 - 5	646,600	329,800	329,800	0	0	1,306,200
60048	Summer Season 2013 TMDL	200,000	400,000	40,000	2,220,000	2,220,000	5,080,000
99910	Process Air Improvements	1,797,400	1,873,600	0	0	0	3,671,000
99967	Tapia Automated Filter Wash down	0	0	143,000	0	0	143,000
99972	Primary Effluent Equalization	0	0	490,000	2,446,000	2,442,000	5,378,000
99975	A/B Bus Electrical Modification	0	0	100,000	0	0	100,000
SUB-TOTAL TAPIA		\$5,105,510	\$4,047,920	\$1,500,900	\$5,010,800	\$6,579,000	\$22,244,130
WESTLAKE							
60008	Westlake Pump Station Roof Repair &	0	105,000	0	0	0	105,000
60044	Westlake Pump Station and Filtration	0	42,900	0	0	0	42,900
SUB-TOTAL WESTLAKE		\$0	\$147,900	\$0	\$0	\$0	\$147,900
TOTAL ALL PROJECTS		\$20,506,868	\$14,015,622	\$9,854,631	\$11,856,297	\$17,560,193	\$73,793,611

Section 3

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Raise Air Vacuum Valves and Abandon Protective Structures

Job Number: 10236 Project Manager: Maple FY Originated: FY04-05	Priority: 2 Category: Regulatory Compliance Program: No
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Scope of Work

Installation of air-vacuum valves above ground, including piping modifications on the 30" main in West Hills and Hidden Hills, dismantling the old air vacuum valves inside protective structures and abandonment of these facilities.

Project Justification

At the request of the Division of Drinking Water to improve safety, accessibility and potential water quality concerns, relocate valves from buried protective structures into above ground locations.

NOTE: THIS PROJECT REDUCED BY \$163,650.72 AFTER THIS PLAN WAS APPROVED TO FUND PROJECT 10372 "CALABASAS PK ESTATES SYSTEM REHAB"

(Don Patterson email dated August 26, 2015)

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees				\$10,800	\$25,000	\$35,800		
Contracts/Equipment								
District Labor	\$5,098	\$898	\$475	\$2,999	\$10,000	\$19,470		
G & A Allocations	\$16,539	\$1,764	\$497	\$5,253	\$20,000	\$44,054		
TOTALS	\$21,637	\$2,663	\$972	\$19,052	\$55,000	\$99,324	\$381,621	\$282,297

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design	\$10,000					\$10,000	
Bidding	\$3,000					\$3,000	
Construction	\$273,000					\$273,000	
Labor and G&A Expense	\$87,360					\$87,360	
TOTALS	\$373,360	\$0	\$0	\$0	\$0	\$373,360	\$472,684

APPROPRIATION REQUEST: \$91,063

Cost Estimate Basis: Based on 30" potable main repair costs (Valley Circle Blvd.) and Phoenix Eng. 2015 estimate.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
	0.0%	0.0%		100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%	0.0%	0.0%		0%

Twin Lakes Pump Station Pipeline Project

Job Number: 10430 Project Manager: Maple FY Originated: FY09-10	Priority: 2 Category: Capacity/Supply Program: No
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Scope of Work

Construct a new 2,900 foot 14" steel pipeline from the 30" pipeline at Devonshire and Andora Street through Chatsworth Park to the Twin Lakes pump station.

Plans and specifications are complete. The project is on-hold until the Deer Lake development moves forward. The project is also waiting for the City of Los Angeles lead abatement project at Chatsworth Park South to be completed by the end of 2016.

Project Justification

Planned growth (Deer Lake Development) within the Twin Lakes subsystem necessitates the improvements of pipelines to meet the demands. Installation of a 14-inch pipeline connected to the "30-inch Conduit" will increase system reliability and district self-sufficiency.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees	\$0				\$10,000	\$10,000		
Contracts/Equipment	\$3,100					\$3,100		
District Labor	\$6,790			\$190	\$5,000	\$11,980		
G & A Allocations	\$10,040			\$370	\$286	\$10,697		
TOTALS	\$19,931			\$560	\$15,286	\$35,777	\$1,700,000	\$1,664,223

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design	\$10,000					\$10,000	
Bidding	\$3,000					\$3,000	
Construction	\$816,015	\$816,015				\$1,632,030	
Labor and G&A Expense	\$89,762	\$89,762				\$179,523	
TOTALS	\$918,777	\$905,777	\$0	\$0	\$0	\$1,824,553	\$1,860,330

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Based on the engineer's estimate & project technical memo and includes contingencies from staff to account for construction inflation due to delay and unknown remediation of lead within the trench zone.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
37.0%	0.0%	0.0%		100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
63.0%	0.0%	0.0%		0%

Tapia Sluice Gate and Drive Replacement

80749

Job Number: 10513 Project Manager: Maple FY Originated: FY09-10	Priority: 2 Category: Facility Improvements Program: Yes
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Scope of Work

Replace existing gates in the tanks and channels at Tapia as well as drive mechanisms for flights and chains.

Project Justification

Many of the gates that separate channels and tanks are worn and do not work properly. The drives for the sludge collection system are over 30 years old. These items have reached their useful life and are in need of replacement.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor				\$2,769		\$2,769		
G & A Allocations				\$5,000		\$5,000		
TOTALS				\$7,768		\$7,768	\$309,650	\$301,882

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning	\$0	\$0				\$0	
Land Acquisition	\$0	\$0				\$0	
Design	\$0	\$0				\$0	
Bidding	\$1,600	\$1,600	\$1,600	\$1,600		\$6,400	
Construction	\$280,000	\$160,000	\$160,000	\$160,000		\$760,000	
Labor and G&A Expense	\$89,600	\$51,200	\$51,200	\$51,200		\$243,200	
TOTALS	\$371,200	\$212,800	\$212,800	\$212,800	\$0	\$1,009,600	\$1,017,368

APPROPRIATION REQUEST: \$69,318

Cost Estimate Basis: Assumes seventeen (17) gates being replaced at similar cost to previous work performed in 2008 for \$204,000.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
0.0%	0.0%	0.0%		71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
0.0%	100.0%	0.0%		29%

SCADA System Communication Upgrades

99906

<p>Job Number: 10520 Project Manager: Schlageter FY Originated: FY12-13</p>	<p>Priority: 2 Category: Business Improvements Program: No</p>
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Scope of Work

Migration of the existing communication system from a serial radio network to an Ethernet based radio network. Provide redundant data paths for uninterrupted communication. Eliminate need to rely on telephone company equipment.

Project Justification

The existing system is now limited in speed, bandwidth and flexibility. The system is also past its peak communication bandwidth and expected life-span. Upgrading will dramatically increase the bandwidth of the system allowing the use of security cameras, voice over IP (VOIP) phone and certain types of smart sensors.

The upgrades will reduce dependency on telephone company equipment and will help reduce time spent coordinating repairs with outside vendors.

The project is anticipated to be re-bid once a revised bid package is developed.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees		\$6,239		\$22,607		\$28,846		
Contracts/Equipment								
District Labor				\$1,213		\$1,213		
G & A Allocations				\$2,388		\$2,388		
TOTALS		\$6,239		\$26,208		\$32,447	\$93,100	\$60,653

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding		\$437	\$285			\$722	
Construction		\$50,700	\$33,000			\$83,700	
Labor and G&A Expense		\$16,224	\$10,560			\$26,784	
TOTALS	\$0	\$67,361	\$43,845	\$0	\$0	\$111,206	\$143,653

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Estimate is based on the initial bid results received and includes contingency for added sites.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction		RW Conservation	LVMWD
				71%
P/W Replacement	Sanitation Replacement		RW Replacement	TSD
	100.0%			29%

SCADA System Communication Upgrades (LV Only)

99907

Job Number: 10521 Project Manager: Schlageter FY Originated: FY12-13	Priority: 2 Category: Business Improvements Program: No
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Scope of Work

Migration of the existing communication system from a serial radio network to an Ethernet based radio network. Provide redundant data paths for uninterrupted communication. Eliminate need to rely on telephone company equipment.

Each fiscal year represents a individual phase of the overall project.

Project Justification

The existing system is now limited in speed, bandwidth and flexibility. The system is also past its peak communication bandwidth and expected life-span. Upgrading will dramatically increase the bandwidth of the system allowing the use of security cameras, voice over IP (VOIP) phone and certain types of smart sensors.

The upgrades will reduce dependancy on telephone company equipment and will help reduce time spent coordinating repairs with outside vendors.

The project is anticipated to be re-bid once a revised bid package is developed.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees		\$29,365	\$71,123	\$22,486		\$122,974		
Contracts/Equipment								
District Labor				\$5,173		\$5,173		
G & A Allocations				\$10,179		\$10,179		
TOTALS		\$29,365	\$71,123	\$37,838		\$138,326	\$1,387,232	\$1,248,906

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design		\$10,000	\$10,000			\$20,000	
Bidding		\$2,010	\$1,400			\$3,410	
Construction		\$1,200,000	\$950,000			\$2,150,000	
Labor and G&A Expense		\$132,000	\$104,500			\$236,500	
TOTALS	\$0	\$1,344,010	\$1,065,900	\$0	\$0	\$2,409,910	\$2,548,236

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Estimate is based on the initial bid results received and includes contingency for added sites.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
P/W Replacement	Sanitation Replacement	RW Replacement		100%
100.0%				TSD

Raw Sludge Wet Well Mixing Improvements

99905

Job Number: 10537 Project Manager: Zhao FY Originated: FY12-13	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

Replace the existing centrifugal mixing pump with a pump that is more appropriate for sludge mixing.

Project Justification

The existing centrifugal mixing pump is not able to convey enough flow to properly mix the raw sludge in the wet wells which results in the settlement of heavier solids to the bottom of the tank. The collection of settled solids reduces tank capacity.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS							\$127,000	\$127,000

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning	\$7,000					\$7,000	
Land Acquisition							
Design	\$10,000					\$10,000	
Bidding							
Construction	\$100,000					\$100,000	
Labor and G&A Expense	\$32,000					\$32,000	
TOTALS	\$149,000	\$0	\$0	\$0	\$0	\$149,000	\$149,000

APPROPRIATION REQUEST: \$22,000
 Staff Estimate.
Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Lost Hills Overpass Recycled Water Main Relocation

99926

Job Number: 10540 Project Manager: Zhao FY Originated: FY13-14	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

Relocate the existing 10" recycled water pipeline in the Lost Hills overpass to the new overpass that will be under construction beginning May, 2015.

Project Justification

The existing line must be relocated due to the demolition of the existing Lost Hills overpass. The existing 10" line runs through the overpass.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees			\$38,412	\$29,776	\$4,465	\$72,653		
Contracts/Equipment				\$857	\$100,000	\$100,857		
District Labor			\$4,273	\$5,151	\$20,000	\$29,424		
G & A Allocations			\$6,558	\$8,887	\$12,000	\$27,445		
TOTALS			\$49,243	\$44,671	\$136,465	\$230,379	\$765,101	\$534,722

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$471,253					\$471,253	
Labor and G&A Expense	\$150,801					\$150,801	
TOTALS	\$622,054	\$0	\$0	\$0	\$0	\$622,054	\$852,433

APPROPRIATION REQUEST: \$87,332

Cost Estimate Basis: Construction costs include services during construction (15% of construction amount) and construction management from Parsons Corporation.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
0.0%				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
		100.0%		29%

Building No. 8 Computer Center Upgrades

99928

Job Number: 10541 Project Manager: Maple FY Originated: FY13-14	Priority: 2 Category: Business Improvements Program: No
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Scope of Work

Construction of a new server room in Building No. 8 and associated HVAC, electrical, UPS system and server rack equipment. Includes pre-action fire sprinkler system.

Construction is scheduled to start late in FY 2015-2016 and finish in early FY 2016-2017.

Project Justification

Computer center upgrades are proposed to protect district equipment from damage in the event of fire sprinkler system discharge. The upgrades will also provide improved energy conservation by reducing the total area required for specialized climate control.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees					\$24,000	\$24,000		
Contracts/Equipment			\$19,070		\$100,000	\$119,070		
District Labor					\$15,000	\$15,000		
G & A Allocations					\$30,000	\$30,000		
TOTALS			\$19,070		\$169,000	\$188,070	\$199,070	\$11,000

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$25,000					\$25,000	
Labor and G&A Expense	\$8,000					\$8,000	
TOTALS	\$33,000	\$0	\$0	\$0	\$0	\$33,000	\$221,070

APPROPRIATION REQUEST: \$22,000

Cost Estimate Basis: Architect estimate - November 2015.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction 0.0%	Sanitation Construction	RW Conservation		LVMWD 100%
P/W Replacement 100.0%	Sanitation Replacement	RW Replacement		TSD

Interconnection With CMWD

Job Number: 10556 Project Manager: Schlageter FY Originated: FY 13-14	Priority: 2 Category: Delivery Reliability Program: No
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Scope of Work

Design and construction of a potable water inter tie between CMWD and the District. The interconnection facilities for the District include 5,000 feet of 24-inch pipe in Lindero Canyon Blvd. from Thousand Oaks Blvd. to the county line and a pressure reducing station.

In FY 14-15 a detailed hydraulic study was completed sizing the facility and agreements for preliminary design, CEQA analysis are being developed with Calleguas MWD.

Based on the 2009 Backbone Improvement Alternative Study the construction cost of the pipeline is \$2,386,000 (see Appendix D pipe segments 3 and 4) and from the 2014 hydraulic analysis the pressure reducing station cost is \$100,000.

Project Justification

The concept of an interconnection was identified in the 1999, 2007 and 2014 Potable Water Master Plans as well as the 2009 Backbone Improvement Alternative Study. The interconnection will provide for emergency supply to either agency as well as additional supply to refill Las Virgenes Reservoir avoiding additional transmission mains in the eastern portion of the District.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees			\$32,268	\$425	\$48,630	\$81,323		
Contracts/Equipment								
District Labor				\$3,830	\$1,722	\$5,552		
G & A Allocations				\$6,347	\$1,318	\$7,665		
TOTALS			\$32,268	\$10,602	\$51,670	\$94,539	\$704,768	\$610,229

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design	\$175,000					\$175,000	
Bidding	\$10,000					\$10,000	
Construction	\$1,243,000	\$1,243,000				\$2,486,000	
Labor and G&A Expense	\$136,730	\$136,730				\$273,460	
TOTALS	\$1,564,730	\$1,379,730	\$0	\$0	\$0	\$2,944,460	\$3,038,999

APPROPRIATION REQUEST: \$954,501

Cost Estimate Basis: 2009 Backbone Improvement Program Alternative Study

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
20.0%				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
80.0%				

Westlake Filtration Plant Expansion

80705

Job Number: 10557 Project Manager: Maple FY Originated: FY01-02	Priority: 1 Category: Delivery Reliability Program: No
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Scope of Work

Install 2 additional filters to increase filtration capacity from 8,400 gpm to 12,000 gpm (18 MGD), filter to waste piping modifications, raw water reservoir expansion, elimination of clear well, replacement of filter pumps, VFD's, and two new diatomaceous earth (DE) body feed bins.

Project Justification

To meet expanded demand and emergency supply in the event of unplanned interruptions in the supply from MWD.

Project identified in 2007 Master Plan and Backbone Alternative Study.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees				\$228,327	\$251,217	\$479,544		
Contracts/Equipment					\$2,389,860	\$2,389,860		
District Labor				\$16,346	\$77,246	\$93,592		
G & A Allocations				\$30,192	\$145,008	\$175,200		
TOTALS				\$274,864	\$2,863,331	\$3,138,195	\$5,127,017	\$1,988,822

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design	\$92,808					\$92,808	
Bidding							
Construction	\$1,593,240					\$1,593,240	
Labor and G&A Expense	\$175,256					\$175,256	
TOTALS	\$1,861,304	\$0	\$0	\$0	\$0	\$1,861,304	\$4,999,500

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Construction costs based on contractor's bids. Consultant services are split at 60% going to 10557 and 40% going to 10558.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
20.0%	0.0%	0.0%		100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
80.0%	0.0%	0.0%		0%

Westlake Pump Station Upgrade

80706

Job Number: 10558 Project Manager: Maple FY Originated: FY01-02	Priority: 2 Category: Capacity/Supply Program: No
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Scope of Work

To replace aging engines with high efficiency electrical engines that achieve the designed flow of 18 MGD and provide better utilization of the reservoir at low levels, as well as replacement of FW pump number 2, a new piping connection in the basement, additional surge tank, and a 1500 kW emergency generator.

Project Justification

To meet expanded demand and emergency supply in the event of unplanned interruptions in the supply from MWD. Avoids costly Air Quality Management District (AQMD) requirements associated with replacing existing engines at the end of their service life.

This project is part of the 1235' backbone project and is identified in the 2007 master plan update.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees				\$158,541	\$144,145	\$302,686		
Contracts/Equipment					\$2,576,904	\$2,576,904		
District Labor				\$13,347	\$54,270	\$67,617		
G & A Allocations				\$23,823	\$99,139	\$122,962		
TOTALS				\$195,710	\$2,874,458	\$3,070,168	\$5,149,234	\$2,079,066

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design	\$41,872					\$41,872	
Bidding							
Construction	\$1,717,936					\$1,717,936	
Labor and G&A Expense	\$188,973					\$188,973	
TOTALS	\$1,948,781	\$0	\$0	\$0	\$0	\$1,948,781	\$5,018,949

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Construction costs based on contractor's bids. Consultant services are split at 60% going to 10557 and 40% going to 10558.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
20.0%	0.0%	0.0%		100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
80.0%	0.0%	0.0%		0%

Manhole Rehabilitation

80720

Job Number: 10559 Project Manager: Schlageter FY Originated: FY01-02	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

The project consists of rehabilitation of existing deteriorated manholes identified by sewer collection inspection. The rehabilitation project includes various repair alternatives based upon the severity of their condition. Targeted manholes include:

- The F2/F3 Sewer Rehabilitation Study identified priority trunk sewer manholes needing repair.
- C3 sewer manholes that show signs of deterioration due to inflow and infiltration (I&I).

Manholes to be cleaned and inspected and will be rehabilitated if required.

Project Justification

Project will maintain integrity of trunk sewer system.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor					\$334	\$334		
G & A Allocations					\$43	\$43		
TOTALS					\$377	\$377	\$291,500	\$291,123

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding	\$2,000					\$2,000	
Construction	\$100,000	\$184,000				\$284,000	
Labor and G&A Expense	\$32,000	\$58,880				\$90,880	
TOTALS	\$134,000	\$242,880	\$0	\$0	\$0	\$376,880	\$377,257

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Based on the F2/F3 Sewer System Assessment Survey & Rehabilitation Report prepared by Boyle Engineering. The cost estimate will need to be revised pending results of the inspection to determine the current condition of the C3 sewer manholes.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
0.0%	0.0%	0.0%		40%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
0.0%	100.0%	0.0%		60%

Centrate Equalization Tank

99932

Job Number: 10564 Project Manager: Schlageter FY Originated: FY13-14	Priority: 2 Category: Regulatory Compliance Program: No
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Scope of Work

Construct a centrate equalization tank at the centrate treatment facility.

Provide mechanical and/or chemical cleaning of minerals from the existing centrate line.

No planning is needed due to the availability of existing documentation.

Rehabilitation of the centrate treatment line is possible because of the availability of the existing bypass treatment line.

Project Justification

Currently, there are two centrate treatment reactor tanks which are operated as batch reactors. When one tank needs to be taken out of service, the remaining tank cannot be used as a batch reactor because of centrate feed from Rancho. A new equalization tank would be used to store centrate generated at Rancho and feed it to the centrate reactors.

A large amount of mineral deposits have accumulated in the centrate line between the dewatering facility and the centrate treatment tanks.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees				\$36,162	\$62,452	\$98,614		
Contracts/Equipment					\$200,000	\$200,000		
District Labor				\$1,846	\$3,040	\$4,886		
G & A Allocations				\$4,189	\$3,172	\$7,361		
TOTALS				\$42,197	\$268,664	\$310,861	\$1,250,519	\$939,658

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$1,200,000					\$1,200,000	
Labor and G&A Expense	\$132,000					\$132,000	
TOTALS	\$1,332,000	\$0	\$0	\$0	\$0	\$1,332,000	\$1,642,861

APPROPRIATION REQUEST: \$392,342

Cost Estimate Basis: Engineer's opinion of probable construction cost based on the final design.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction		RW Conservation	LVMWD
		25.0%		71%
P/W Replacement	Sanitation Replacement		RW Replacement	TSD
		75.0%		29%

Rancho Las Virgenes Digester Cleaning and Repair

99934

Job Number: 10565 Project Manager: Schlageter FY Originated: FY13-14	Priority: 1 Category: Facility Improvements Program: No
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Scope of Work

To clean out and evaluate the condition of existing digesters # 1 and #2. The full scope of repairs is unknown at this time but could include coatings ,concrete patching, pipe and valve repairs, removal of the steam lances, and repairs to hatches and seals.

Project Justification

The digesters have not been taken off line for cleaning in their 20 years of service. It is recommended that digesters are cleaned every 10 years. With the completion of the third digester project in 2015, there will be enough digester capacity for the existing digesters to be cleaned and repaired.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees					\$25,000	\$25,000		
Contracts/Equipment					\$100,000	\$100,000		
District Labor					\$3,500	\$3,500		
G & A Allocations					\$1,500	\$1,500		
TOTALS					\$130,000	\$130,000	\$287,500	\$157,500

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$150,000					\$150,000	
Labor and G&A Expense	\$48,000					\$48,000	
TOTALS	\$198,000	\$0	\$0	\$0	\$0	\$198,000	\$328,000

APPROPRIATION REQUEST: \$40,500

Cost Estimate Basis: Staff estimate. Will be revised following a determination of the condition of the digesters after cleaning and recommended repairs, if necessary.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD 71%
P/W Replacement	Sanitation Replacement 100.0%	RW Replacement		TSD 29%

Programmable Logic Controller Upgrades

99936

Job Number: 10567 Project Manager: Schlageter FY Originated: FY13-14	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

This project replaces programmable logic controllers (PLC's) with newer PLCs and provides necessary equipment upgrades (fiber optics, network switches and programming) to complete the installation. This is a program project which addresses Tapia in the first two years and centrate treatment in the third year. Design will occur in the first year for all facilities.

Project Justification

The PLC's at Tapia and centrate treatment have become obsolete and need to be replaced with new PLC's and ancillary equipment.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS							\$216,500	\$216,500

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning	\$0	\$0				\$0	
Land Acquisition	\$0	\$0				\$0	
Design	\$55,000	\$0				\$55,000	
Bidding	\$2,500	\$2,850	\$500			\$5,850	
Construction	\$250,000	\$285,000	\$40,000			\$575,000	
Labor and G&A Expense	\$80,000	\$91,200	\$12,800			\$184,000	
TOTALS	\$387,500	\$379,050	\$53,300	\$0	\$0	\$819,850	\$819,850

APPROPRIATION REQUEST: \$171,000

Cost Estimate Basis: Estimate based on MSO Proposal.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Twin Lakes Tank Drainage Project

99937

Job Number: 10568 Project Manager: Maple FY Originated: FY13-14	Priority: 1 Category: Facility Improvements Program: No
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Scope of Work

Replacement of the existing drainage system at the Twin Lakes Tank site. The scope includes installation of catch basins and pipelines to reroute the flow to a nearby Cal-Trans facility.

Project Justification

Prevent tank site overflow that may damage downstream property from the existing site drainage system.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees				\$38,149	\$16,787	\$54,936		
Contracts/Equipment					\$115,000	\$115,000		
District Labor				\$4,120	\$20,000	\$24,120		
G & A Allocations				\$7,566	\$35,000	\$42,566		
TOTALS				\$49,834	\$186,787	\$236,621	\$346,000	\$109,379

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$115,000					\$115,000	
Labor and G&A Expense	\$36,800					\$36,800	
TOTALS	\$151,800	\$0	\$0	\$0	\$0	\$151,800	\$388,421

APPROPRIATION REQUEST: \$42,421

Cost Estimate Basis: Phoenix Civil Engineering cost estimate (December 2015). Construction to start in FY 2015-2016 and finish in FY 2016-2017.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

Potable Water Pump Station Improvements

99951

Job Number: 10577 Project Manager: Korkosz FY Originated: FY13-14	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

Repair and replace components of potable water system pump stations.

JBR - VFD for 15 h.p. and control panel: \$10,000
 Cold Canyon - Three 100 h.p. soft starts: (REVISED: \$198k FY 18)
 Stunt Road - 2-200 h.p. soft starts to replace outdated equipment: \$40,000
 Saddle Peak tank power - Install electrical service to provide reliable power and communication for SCADA and Radio system: \$25,000

Project Justification

To maintain critical components of the potable water distribution system.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment				\$3,311	\$48,500	\$51,811		
District Labor					\$2,700	\$2,700		
G & A Allocations					\$5,400	\$5,400		
TOTALS				\$3,311	\$56,600	\$59,911	\$28,500	-\$31,411

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$85,000	\$150,000				\$235,000	
Labor and G&A Expense	\$27,200	\$48,000				\$75,200	
TOTALS	\$112,200	\$198,000	\$0	\$0	\$0	\$310,200	\$370,111

APPROPRIATION REQUEST: \$143,611

Staff estimate.

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
P/W Replacement	Sanitation Replacement	RW Replacement		100%
100.0%				TSD

Security Upgrades - LVMWD

99952

<p>Job Number: 10578 Project Manager: Miller FY Originated: FY13-14</p>	<p>Priority: 3 Category: Business Improvements Program: Yes</p>
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Scope of Work

Remote Access Control: \$20,000
 Lock and Key Control: \$25,000

Project Justification

Continually improve security and safety at LVMWD facilities through upgrades and improvements.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment					\$4,198	\$4,198		
District Labor								
G & A Allocations								
TOTALS					\$4,198	\$4,198	\$31,000	\$26,802

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning	\$0					\$0	
Land Acquisition	\$0					\$0	
Design	\$0					\$0	
Bidding	\$0					\$0	
Construction	\$25,000					\$25,000	
Labor and G&A Expense	\$8,000					\$8,000	
TOTALS	\$33,000	\$0	\$0	\$0	\$0	\$33,000	\$37,198

APPROPRIATION REQUEST: \$6,198
 Staff estimate.
Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

Security Upgrades - JPA

99953

<p>Job Number: 10579 Project Manager: Miller FY Originated: FY13-14</p>	<p>Priority: 3 Category: Business Improvements Program: Yes</p>
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Scope of Work

Remote Access Control: \$20,000
 Security Cameras: \$15,000
 Lock and Key Control: \$5,000

Project Justification

Continually improve security and safety at JPA facilities through upgrades and improvements.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment					\$17,403	\$17,403		
District Labor					\$345	\$345		
G & A Allocations					\$496	\$496		
TOTALS					\$18,244	\$18,244	\$32,000	\$13,756

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning	\$0					\$0	
Land Acquisition	\$0					\$0	
Design	\$0					\$0	
Bidding	\$0					\$0	
Construction	\$15,000					\$15,000	
Labor and G&A Expense	\$4,800					\$4,800	
TOTALS	\$19,800	\$0	\$0	\$0	\$0	\$19,800	\$38,044

APPROPRIATION REQUEST: \$6,044

Cost Estimate Basis: Staff estimate.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Recycled Water Storage - PH-II

99961

Job Number: 10587 Project Manager: Lippman FY Originated: FY14-15	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

On April 6, 2015, the Board approved the Recycled Water Seasonal Storage Plan of Action and directed staff to prepare a Basis of Design Report (BODR) for two scenarios: 1) the use of Las Virgenes Reservoir for indirect potable reuse; and 2) repurposing the Encino Reservoir for seasonal storage. The BODR will be complete in April 2016. Outreach, CEQA analysis, pilot studies and design will begin after completion of the BODR.

Project Justification

The JPA desires to maximize beneficial reuse of recycled water while avoiding costly treatment upgrades to comply with new TMDL water quality limits. On June 2, 2014 the Board adopted guiding principles creating a framework for the next steps in developing seasonal storage.

[Note: This is a continuation of IIP - 10393]

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees				\$174,716	\$546,928	\$721,644		
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS				\$174,716	\$546,928	\$721,644	\$721,644	\$0

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning	\$1,750,000	\$1,750,000				\$3,500,000	
Land Acquisition		\$100,000				\$100,000	
Design			\$1,750,000	\$1,750,000		\$3,500,000	
Bidding					\$700,000	\$700,000	
Construction Labor and G&A Expense							
TOTALS	\$1,750,000	\$1,850,000	\$1,750,000	\$1,750,000	\$700,000	\$7,800,000	\$8,521,644

APPROPRIATION REQUEST: \$1,750,000

Cost Estimate Basis: Planning includes regulatory permitting, predesign, agreements, CEQA and funding efforts. Planning is estimated at 5% of construction cost, design at 5% of construction cost and bidding at 1% of construction cost. The construction cost is estimated at \$70M based on scenario No. 4 (IPR) with reduced pipe costs from the Plan of Action.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
	20.0%	30.0%		71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	50.0%			29%

Woodland Hills Golf Course RW Pipeline Extension

99962

Job Number: 10588 Project Manager: Schlageter FY Originated: FY14-15	Priority: 2 Category: Capacity/Supply Program: No
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Scope of Work

Installation of a 16-24 inch pipeline from the intersection of Park Granada and Park Capri (Calabasas) to the Los Angeles city boundary and extending to the Woodland Hills Country Club. The JPA will manage the development of the preliminary design, environmental documentation (with CEQA) and final design and construction of the project. **The JPA will be reimbursed for all costs related to this project by the LADWP.**

FY 2014-2015 activity includes development of a Preliminary Design Report (PDR) for the project.

Continuation of IIP 10474

Project Justification

This project stems from the JPA's desire to provide surplus recycled water customers outside of the JPA service area.

The estimated maximum daily demand outside of the JPA service area 430 gpm.

Project identified in 2007 Master Plan and was included in the 2014 Master Plan update.

The JPA and LADWP have entered into a cooperative agreement to perform preliminary design and CEQA. Currently staff is drafting an agreement for the design and construction phase.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees					\$350,000	\$350,000		
Contracts/Equipment								
District Labor				\$3,922	\$5,179	\$9,101		
G & A Allocations				\$8,444	\$5,147	\$13,591		
TOTALS				\$12,366	\$360,326	\$372,692	\$1,338,638	\$965,946

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design	\$1,060,000					\$1,060,000	
Bidding		\$50,000				\$50,000	
Construction		\$7,600,000	\$7,600,000			\$15,200,000	
Labor and G&A Expense		\$456,000	\$456,000			\$912,000	
TOTALS	\$1,060,000	\$8,106,000	\$8,056,000	\$0	\$0	\$17,222,000	\$17,594,692

APPROPRIATION REQUEST: \$94,054

Cost Estimate Basis: Construction based on RMC alignment evaluation. Planning includes full EIR. Design, bidding, G&A follow planning guidelines. Costs shown are for the full project.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	100.0%	LVMWD
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
				71%
				29%

Potable Water System Rehabilitation

99940; 10553

Job Number: 10590 Project Manager: Maple FY Originated: FY13-14	Priority: 2 Category: Facility Improvements Program: Yes
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Scope of Work

Based on an analysis of break history, facility age, pipe material, location, and other distribution system indicators, this project will fund specific repair and/or replacement projects.

To rehabilitate underground pressure reducing stations (PR) Barrymore (No. 25), Encinal Canyon (No. 67), and LV Road (No. 49) in fiscal year 2016 - 2017.

Malibu Valley Road (No. 51) and Park Sorrento (No. 42) are scheduled for fiscal year 2017 - 2018.

Project Justification

Rehabilitation of existing infrastructure to maintain reliable service. PR stations have reached their end of useful life.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees					\$3,000	\$3,000		
Contracts/Equipment					\$88,900	\$88,900		
District Labor					\$10,000	\$10,000		
G & A Allocations					\$16,667	\$16,667		
TOTALS					\$118,567	\$118,567	\$469,709	\$351,142

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$150,000	\$150,000	\$150,000	\$150,000	\$100,000	\$700,000	
Labor and G&A Expense	\$48,000	\$48,000	\$48,000	\$48,000	\$32,000	\$224,000	
TOTALS	\$198,000	\$198,000	\$198,000	\$198,000	\$132,000	\$924,000	\$1,042,567

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Based on previous PRV cost at Rambla Pacifica as well as considering the cost of Triunfo & Waterside (completed in 2015). Assumes 2 PR stations per fiscal year through FY 19-20, then future unassigned projects in FY 20-21.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
0.0%	0.0%	0.0%		100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%	0.0%	0.0%		0%

Agoura Road Recycled Water Main Extension (LV Only: Continuation of 10536)

Job Number: 10592 Project Manager: Schlageter FY Originated: FY 14-15	Priority: 1 Category: Facility Improvements Program: No
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Scope of Work

To construct 5,000 feet of 8" PVC recycled water main extension along Agoura Road to Ladyface Drive to Cornell Road.

Project Justification

The City of Agoura Hills is widening Agoura Road from Cornell to Ladyface Road. The construction of the RW water main along with the Agoura road widening provide significant construction savings for the RW water main construction.

The extension will provide recycled water to business parks, the shopping center at Kanan and Agoura Road, and the shopping center at Cornell and Agoura Road and the planned Agoura Village Center.

The City of Agoura Hills will assist funding of the project and contribute \$328,575 through use of measure "R" funding.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment					\$873,773	\$873,773		
District Labor				\$461	\$2,000	\$2,461		
G & A Allocations				\$731	\$5,500	\$6,231		
TOTALS				\$1,192	\$881,273	\$882,465	\$1,272,665	\$390,200

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$295,606					\$295,606	
Labor and G&A Expense	\$94,594					\$94,594	
TOTALS	\$390,200	\$0	\$0	\$0	\$0	\$390,200	\$1,272,665

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: The estimate is based on the awarded contract by the City of Agoura Hills for the optional bid item less the City's contribution. Additional appropriation may be required due to unforeseen changes during construction.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	0.0%	LVMWD
P/W Replacement	Sanitation Replacement	RW Replacement	100.0%	TSD

CIS Infinity Software Upgrade

90001

<p>Job Number: 10593 Project Manager: Matthews FY Originated: FY 15-16</p>	<p>Priority: 1 Category: Business Improvements Program: No</p>
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Scope of Work

Purchase and migrate to latest version of District's billing system.

Project Justification

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS							\$95,000	\$95,000

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$90,000					\$90,000	
Labor and G&A Expense	\$28,800					\$28,800	
TOTALS	\$118,800	\$0	\$0	\$0	\$0	\$118,800	\$118,800

APPROPRIATION REQUEST: \$23,800

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

Lift Stations Programmable Logic Controller Upgrades

99941

Job Number: 10596 Project Manager: Schlageter FY Originated: FY14-15	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

This project replaces programmable logic controllers (PLC's) at the Lift Stations with newer PLCs and provides necessary equipment upgrades (fiber optics, network switches and programming) to complete the installation.

Project Justification

The PLC's at the Lift Stations have become obsolete and need to be replaced with new PLC's and ancillary equipment.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS							\$47,180	\$47,180

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design	\$3,800					\$3,800	
Bidding	\$380					\$380	
Construction	\$38,000					\$38,000	
Labor and G&A Expense	\$12,160					\$12,160	
TOTALS	\$54,340	\$0	\$0	\$0	\$0	\$54,340	\$54,340

APPROPRIATION REQUEST: \$7,160
 2013 MSO Proposal.

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
	0.0%			100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			

Tapia Electrical and Instrumentation Upgrades

99950

Job Number: 10597 Project Manager: Korkosz FY Originated: FY13-14	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

Replace obsolete and malfunctioning mechanical protective relays for generators with new solid state controls. The controls will provide better generator protection and troubleshooting capabilities (generators 1 & 2). Generator vendor will be selected through RFP process.

Project Justification

The JPA's Tapia Water Reclamation facility represents a significant investment that is necessary for ongoing sewage treatment.

Treatment plant equipment and appurtenances are inspected and evaluated on an ongoing basis to determine the most cost effective repair/replace maintenance schedules.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS							\$137,250	\$137,250

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning	\$1,000					\$1,000	
Land Acquisition							
Design	\$2,500					\$2,500	
Bidding	\$2,000					\$2,000	
Construction	\$126,750	\$50,000				\$176,750	
Labor and G&A Expense	\$40,560	\$16,000				\$56,560	
TOTALS	\$172,810	\$66,000	\$0	\$0	\$0	\$238,810	\$238,810

APPROPRIATION REQUEST: \$35,560
 Staff estimate.

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
		100.0%		29%

Tapia Water Reclamation Facility Reliability Improvements

99973

Job Number: 10600 Project Manager: Dingman FY Originated: FY 15-16	Priority: 3 Category: Facility Improvements Program: Yes
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Scope of Work

Replace or rehabilitate facilities and equipment at the Tapia Water Reclamation Facility (WRF) based on failure, exceedence of useful life, or obsolescence. Specific projects are identified for each fiscal year.

Project Justification

Providing reliability and regulatory compliance requires systematic replacement or rehabilitation of facilities and equipment.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment					\$92,500	\$92,500		
District Labor					\$2,500	\$2,500		
G & A Allocations					\$5,000	\$5,000		
TOTALS					\$100,000	\$100,000	\$100,000	\$0

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	
Labor and G&A Expense	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$160,000	
TOTALS	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$660,000	\$760,000

APPROPRIATION REQUEST: \$132,000

Staff estimate. Estimates will be refined each fiscal year.

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Rancho Reliability Improvements

99977

Job Number: 10601 Project Manager: Schlageter FY Originated: FY 15-16	Priority: 2 Category: Business Improvements Program: Yes
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Scope of Work

Replace or rehabilitate facilities and equipment at the Rancho facility based on failure, exceedence of useful life, or obsolescence. Specific projects are identified for each fiscal year.

Project Justification

Providing reliability and regulatory compliance requires systematic replacement or rehabilitation of facilities and equipment.

Proposed:

- Upgrade pumps (Gibbs Drives) with VFD system. Project anticipates \$10K for design expense.
- Agitator Flight Pan Replacement.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees					\$10,000	\$10,000		
Contracts/Equipment					\$41,500	\$41,500		
District Labor					\$4,900	\$4,900		
G & A Allocations					\$8,000	\$8,000		
TOTALS					\$64,400	\$64,400	\$100,000	\$35,600

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	
Labor and G&A Expense	\$32,000	\$32,000	\$32,000	\$32,000	\$32,000	\$160,000	
TOTALS	\$132,000	\$132,000	\$132,000	\$132,000	\$132,000	\$660,000	\$724,400

APPROPRIATION REQUEST: \$96,400

Cost Estimate Basis: Staff estimate. Estimates will be refined each fiscal year.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Miscellaneous RW Extension

99979

Job Number: 10602 Project Manager: Schlageter FY Originated: FY 15-16	Priority: 2 Category: Capacity/Supply Program: Yes
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Scope of Work

Funding to develop miscellaneous recycled water system extensions.

the FY 16-17 budget provides funding for the 6-inch recycled water main extension from Hedgewall Drive to Yerba Buena Elementary School (1260 LF) and 4-inch service to the City of Westlake Village Canyon Oaks Park (640 LF) as a component to the Calleguas Intertie Project.

Project Justification

Converting existing potable water irrigation to irrigation with recycled water reduces imported water demand, reduces creek discharge and increases beneficial reuse.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS							\$106,000	\$106,000

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design	\$35,000	\$5,000	\$5,000	\$5,000		\$50,000	
Bidding	\$3,500	\$1,000	\$1,000	\$1,000		\$6,500	
Construction	\$354,000	\$95,000	\$95,000	\$95,000		\$639,000	
Labor and G&A Expense	\$113,280	\$30,400	\$30,400	\$30,400		\$204,480	
TOTALS	\$505,780	\$131,400	\$131,400	\$131,400	\$0	\$899,980	\$899,980

APPROPRIATION REQUEST: \$399,780

Cost Estimate Basis: Staff estimate. Potential grant funded by prop 84 IRWM with 50% matching funds. Estimate based on 2014 RW Master Plan cost per LF of pipeline (6"=\$220/LF. 4"=190/LF reduced to \$120/LF) due to lack of paving for service run.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	100.0%	LVMWD 71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD 29%

Building #1 Tenant Improvements

99994

Job Number: 10603 Project Manager: Maple FY Originated: FY 15-16	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

Provide necessary improvements and upgrades building 1 to enhance rental marketability. Improvements may include interior and exterior modifications as well as architectural rendering.

Project Justification

Local real estate professionals assisting the District with the marketing and rental efforts related to building 1 have recommended improvements and upgrades to the building to expedite the process.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees					\$78,000	\$78,000		
Contracts/Equipment								
District Labor					\$10,000	\$10,000		
G & A Allocations					\$16,700	\$16,700		
TOTALS					\$104,700	\$104,700	\$430,000	\$325,300

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design	\$31,000					\$31,000	
Bidding	\$10,000					\$10,000	
Construction	\$3,000,000	\$1,686,132				\$4,686,132	
Labor and G&A Expense	\$330,000	\$0				\$330,000	
TOTALS	\$3,371,000	\$1,686,132	\$0	\$0	\$0	\$5,057,132	\$5,161,832

APPROPRIATION REQUEST: \$3,045,700

Cost Estimate Basis: Westcord Commercial Real Estate services 2015 estimate noted in 5/12/2015 Board memo. Tenant improvements and broker commission shown in FY 17-18.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
0.0%				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

Rancho Amendment Bin and Conveyance Modification Project

Job Number: 60000 Project Manager: Schlageter FY Originated: FY 16-17	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

The project consists of installing a new smaller amendment bin and modification to the conveyor system to simplify the amendment conveyance process.

[REDUCES 10574]

Project Justification

The existing amendment bin has reached the end of its life expectancy. The existing bin is highly corroded and requires significant rehabilitation or replacement. The cost to rehabilitate the existing bin exceeds the cost to replace it with a smaller bin with a more simplified process that will reduce future maintenance costs and provide a new service life.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design	\$50,000					\$50,000	
Bidding	\$5,000					\$5,000	
Construction	\$650,000					\$650,000	
Labor and G&A Expense	\$71,500					\$71,500	
TOTALS	\$776,500	\$0	\$0	\$0	\$0	\$776,500	\$776,500

APPROPRIATION REQUEST: \$776,500

Cost Estimate Basis: Based on engineering estimate and estimate from bin and conveyor manufacturers.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Headquarters Pavement Rehabilitation Project

Job Number: 60001 Project Manager: Schlageter FY Originated: FY 16-17	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

The project consists of rehabilitation of the AC pavement at the District's headquarters including the drive isles, parking lots and dog park.

Project Justification

The existing asphalt is deteriorated due to age and weather related distresses. The project provides preventative maintenance and repairs including crack filling, slurry seal cape seal applications and isolated removal and replacement to extend the useful life of the pavement.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design	\$16,000					\$16,000	
Bidding	\$1,600					\$1,600	
Construction	\$160,000					\$160,000	
Labor and G&A Expense	\$51,200					\$51,200	
TOTALS	\$228,800	\$0	\$0	\$0	\$0	\$228,800	\$228,800

APPROPRIATION REQUEST: \$228,800

Cost Estimate Basis: Based on engineering estimate and pavement evaluation report by Willdan Engineering.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
P/W Replacement	Sanitation Replacement	RW Replacement		100%
100.0%				TSD

LCD Video Wall System

Job Number: 60002 Project Manager: Schlageter FY Originated: FY 16-17	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

The project consists of installing an interactive LCD Video Wall System.

Project Justification

The project will modernize the existing District wide system map utilized by staff for interaction and discussion with customers. The existing map, while valuable to staff, is not digitized and is in poor deteriorated condition. It will also provide an interactive interface for staff to view the overall system as needed to provide simplified access to review as built plans and gain systematic knowledge to best respond to main breaks during emergencies.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding	\$500					\$500	
Construction	\$50,000					\$50,000	
Labor and G&A Expense	\$16,000					\$16,000	
TOTALS	\$66,500	\$0	\$0	\$0	\$0	\$66,500	\$66,500

APPROPRIATION REQUEST: \$66,500

Cost Estimate Basis: Based on budgetary estimate provided by vendor.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

Tapia Duct Bank Infrastructure Upgrade

Job Number: 60006 Project Manager: Korkosz FY Originated: FY 16-17	Priority: 2 Category: Facility Improvement Program: No
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Scope of Work

Add new duct bank from the front gate to the chemical building with several intercept points along the way.

Project Justification

Inability to provide wiring and communication paths to various areas of the plant without disrupting the current system.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning		\$6,000				\$6,000	
Land Acquisition							
Design		\$12,500				\$12,500	
Bidding		\$1,250				\$1,250	
Construction	\$50,000	\$125,000				\$175,000	
Labor and G&A Expense	\$16,000	\$40,000				\$56,000	
TOTALS	\$66,000	\$184,750	\$0	\$0	\$0	\$250,750	\$250,750

APPROPRIATION REQUEST: \$66,000

Staff estimate.

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Westlake Pump Station Roof Repair & Improvements

Job Number: 60008 Project Manager: Johnson FY Originated: FY 16-17	Priority: 2 Category: Facility Improvement Program: No
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Scope of Work

Repair leaking pump station roof.

Project Justification

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design		\$5,000				\$5,000	
Bidding		\$1,000				\$1,000	
Construction		\$75,000				\$75,000	
Labor and G&A Expense		\$24,000				\$24,000	
TOTALS	\$0	\$105,000	\$0	\$0	\$0	\$105,000	\$105,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

Building No. 7 Furniture

Job Number: 60009 Project Manager: Johnson FY Originated: FY 16-17	Priority: 3 Category: Facility Improvement Program: No
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Scope of Work

Replace carpet and furniture in building No. 7.

Project Justification

Carpet and furniture are 25 years old and worn out.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$60,000					\$60,000	
Labor and G&A Expense	\$0						
TOTALS	\$60,000	\$0	\$0	\$0	\$0	\$60,000	\$60,000

APPROPRIATION REQUEST: \$60,000

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

New John Deere Backhoe

Job Number: 60011 Project Manager: Johnson FY Originated: FY 16-17	Priority: 3 Category: Business Improvement Program: No
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Scope of Work

Replace a 1987 CASE back hoe that is past its useful life. The existing piece of equipment requires ongoing maintenance and repair.

Project Justification

Staff will try to fund this program through the Carl Moyer program (California Air Resources Board).

The Carl Moyer Program provides monetary grants to private companies and public agencies to clean up their heavy-duty engines beyond that required by law through retrofitting, repowering or replacing their engines with newer and cleaner ones.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding	\$1,100					\$1,100	
Construction	\$110,000					\$110,000	
Labor and G&A Expense	\$35,200					\$35,200	
TOTALS	\$146,300	\$0	\$0	\$0	\$0	\$146,300	\$146,300

APPROPRIATION REQUEST: \$146,300

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

FY 16-17 Vehicle Replacement Program

Job Number: 60012 Project Manager: Johnson FY Originated: FY 16-17	Priority: 2 Category: Business Improvement Program: Yes
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Scope of Work

Replacement of fleet vehicles for fiscal year 2016-2017.

Project Justification

The annual replacement of aging and repair prone vehicles provides for dependability and cost effectiveness within the District's fleet.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$175,000					\$175,000	
Labor and G&A Expense	\$0						
TOTALS	\$175,000	\$0	\$0	\$0	\$0	\$175,000	\$175,000

APPROPRIATION REQUEST: \$175,000

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

SCADA Hub Emergency Generator at Stunt Road Pump Station

Job Number: 60013 Project Manager: Johnson FY Originated: FY 16-17	Priority: 2 Category: Facility Improvement Program: No
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Scope of Work

Install new generator for SCADA Hub emergency power.

Project Justification

Stunt Road Pump Station is a SCADA hub that currently has no back up power supply in the event of a power outage. Facilities and Operations is requesting to install a small propane gas emergency generator to supply power to the SCADA hub in the event of an outage. Enabling power to the SCADA system during an outage is essential for system control during long outages or other events.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design	\$3,000					\$3,000	
Bidding	\$500					\$500	
Construction	\$30,000					\$30,000	
Labor and G&A Expense	\$9,600					\$9,600	
TOTALS	\$43,100	\$0	\$0	\$0	\$0	\$43,100	\$43,100

APPROPRIATION REQUEST: \$43,100

Cost Estimate Basis: Staff estimate.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

Building No. 7 Fire Panel Replacement

Job Number: 60014 Project Manager: Johnson FY Originated: FY 16-17	Priority: 2 Category: Facility Improvement Program: No
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Scope of Work

Replace original building 7 fire safety system.

Project Justification

Building Seven's fire alarm system in original for the building and is outdated. Facilities has encountered many problems over the past few years. Due to the age of the fire system facilities maintenance can no longer call our local service provider and now are required to call simplex fire systems for proprietary work. The associated manufacture service charge is expensive and has long lead times rendering the alarm system inoperable until repairs can be completed.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design	\$4,000					\$4,000	
Bidding	\$500					\$500	
Construction	\$40,000					\$40,000	
Labor and G&A Expense	\$12,800					\$12,800	
TOTALS	\$57,300	\$0	\$0	\$0	\$0	\$57,300	\$57,300

APPROPRIATION REQUEST: \$57,300
 Staff estimate.

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD 100%
P/W Replacement 100.0%	Sanitation Replacement	RW Replacement		TSD

Building 7 and 8 Lighting Efficiency Upgrade

Job Number: 60022 Project Manager: Maple FY Originated: FY 16-17	Priority: 3 Category: Facility Improvement Program: No
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Scope of Work

Replace internal and external lights at various buildings at building No. 7 and No. 8.

Project Justification

Take advantage of energy incentives, and energy savings.

Estimated incentives of \$9,000. With annual electrical and maintenance savings of \$29,000. Simple pay back of 7.8 years.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction		\$233,000				\$233,000	
Labor and G&A Expense		\$74,560				\$74,560	
TOTALS	\$0	\$307,560	\$0	\$0	\$0	\$307,560	\$307,560

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: The Energy Network preliminary estimate in December 2015. Zero design cost estimate assumes NJPA awarded contract.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

Tapia Lighting Efficiency Upgrade

Job Number: 60023 Project Manager: Maple FY Originated: FY 16-17	Priority: 3 Category: Facility Improvement Program: No
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Scope of Work

Replace internal and external lights at Tapia.

Project Justification

Take advantage of enegy incentives, and energy savings.

Estimated incentives of \$25,000. Estimated annual electrical and maintenance savings of \$53,000. Simple pay back of 6.2 years.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction		\$356,000				\$356,000	
Labor and G&A Expense		\$113,920				\$113,920	
TOTALS	\$0	\$469,920	\$0	\$0	\$0	\$469,920	\$469,920

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: The Energy Network preliminary estimate in December 2015. Zero design cost estimate assumes NJPA awarded contract.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Rancho Lighting Efficiency Upgrade

Job Number: 60024 Project Manager: Maple FY Originated: FY 16-17	Priority: 3 Category: Facility Improvement Program: No
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Scope of Work

Rancho Lighting Efficiency Upgrade

Project Justification

Take advantage of enegy incentives, and energy savings.

Estimated incentives of \$23,000. Estimated annual electrical and maintenance savings of \$49,000. Simple pay back of 8.7 years.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction		\$450,000				\$450,000	
Labor and G&A Expense		\$144,000				\$144,000	
TOTALS	\$0	\$594,000	\$0	\$0	\$0	\$594,000	\$594,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: The Energy Network preliminary estimate in December 2015. Zero design cost estimate assumes NJPA awarded contract.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Grit Chamber Mixing System Replacement

Job Number: 60030 Project Manager: Dingman FY Originated: FY 16-17	Priority: 3 Category: Facility Improvement Program: No
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Scope of Work

Replace grit chamber mixing system with a more efficient mixing system.

Project Justification

The grit chamber uses a jet mixing system to keep light solids in suspension while heavier, inert solids settle out. There are "Blind Spots" where the grit and sludge accumulate with this system.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding					\$1,000	\$1,000	
Construction					\$100,000	\$100,000	
Labor and G&A Expense					\$32,000	\$32,000	
TOTALS	\$0	\$0	\$0	\$0	\$133,000	\$133,000	\$133,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

New RAS Wet Well and Pumps

Job Number: 60031 Project Manager: Dingman FY Originated: FY 16-17	Priority: 2 Category: Facility Improvement Program: No
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Scope of Work

Replace RAS wet well and pumps to increase pumping capacity and reliability.

Project Justification

The return activated sludge (RAS) rate has significant effect upon the BNR efficiency. If the RAS rate is increased, efficiency will improve.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design					\$100,000	\$100,000	
Bidding					\$10,000	\$10,000	
Construction					\$1,000,000	\$1,000,000	
Labor and G&A Expense					\$110,000	\$110,000	
TOTALS	\$0	\$0	\$0	\$0	\$1,220,000	\$1,220,000	\$1,220,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Pavement Restoration Tapia

Job Number: 60032 Project Manager: Dingman FY Originated: FY 16-17	Priority: 3 Category: Facility Improvement Program: No
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Scope of Work

Pavement restoration/slurry seal at Tapia.

Project Justification

To keep the pavement at Tapia in good repair.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding					\$3,000	\$3,000	
Construction					\$325,000	\$325,000	
Labor and G&A Expense					\$104,000	\$104,000	
TOTALS	\$0	\$0	\$0	\$0	\$432,000	\$432,000	\$432,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Staff estimate.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Pavement Restoration Rancho

Job Number: 60033 Project Manager: Dingman FY Originated: FY 16-17	Priority: 3 Category: Facility Improvement Program: No
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Scope of Work

Pavement restoration/slurry seal at Rancho.

Project Justification

To keep the pavement at Rancho in good repair.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding			\$4,000			\$4,000	
Construction			\$401,000			\$401,000	
Labor and G&A Expense			\$128,320			\$128,320	
TOTALS	\$0	\$0	\$533,320	\$0	\$0	\$533,320	\$533,320

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Staff estimate.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Agenda Management

Job Number: 60034 Project Manager: Matthews FY Originated: FY 16-17	Priority: 2 Category: Business Improvement Program: No
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Scope of Work

Novus supports agenda creation with workflow routing for review and approvals. However, the workflow is problematic which results in disruption when the agenda is due for publication. Novus includes a minute's module, but it is difficult to navigate and isn't used. A reliable and user friendly solution is desired to support agenda management.

Project Justification

To provide a stable and simple agenda management solution that meets the District's requirements.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding	\$500					\$500	
Construction	\$50,000					\$50,000	
Labor and G&A Expense	\$16,000					\$16,000	
TOTALS	\$66,500	\$0	\$0	\$0	\$0	\$66,500	\$66,500

APPROPRIATION REQUEST: \$66,500
 IS Master Plan

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

Audio/Video Conferencing

Job Number: 60035 Project Manager: Matthews FY Originated: FY 16-17	Priority: 2 Category: Business Improvement Program: No
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Scope of Work

This project is to evaluate the current board room video conferencing and audio visual system to identify the potential for upgrading the current equipment. Opportunities to connect the remote sites via video and audio should be reviewed.

Project Justification

Provide improved ability to conduct video meetings and conference calls. Current equipment is outdated.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding	\$600					\$600	
Construction	\$60,000					\$60,000	
Labor and G&A Expense	\$19,200					\$19,200	
TOTALS	\$79,800	\$0	\$0	\$0	\$0	\$79,800	\$79,800

APPROPRIATION REQUEST: \$79,800

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

JDEdwards PIER / ERP Assessment

<p>Job Number: 60036 Project Manager: Matthews FY Originated: FY 16-17</p>	<p>Priority: 2 Category: Business Improvement Program: No</p>
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Scope of Work

The JD Edwards system supports financial, payroll and human resources activities at the District. Desired enhancements include the ability to accept electronic invoices from vendors, electronic capture of paper documents, an employee portal for pay advice, the ability to track invoice approval status and complete financial processing via forms and electronic workflow. A post implementation evaluation review (PIER) would include a review of the District's use of the JD Edwards applications to help identify if and how the system can better meet all the District's requirements. Additional areas for review may Contract / Insurance Management, Bid Management, Fixed Assets, Budgeting, evaluation of the HR module to ensure alignment with current processes and Investment Management Software. Based on the outcome of the PIER, the District may elect to begin exploring replacement of the JD Edwards system or further

Project Justification

Provides a tactical approach to evaluate the ability of the JD Edward's system and provide a roadmap for the future.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding	\$1,750					\$1,750	
Construction	\$175,000					\$175,000	
Labor and G&A Expense	\$56,000					\$56,000	
TOTALS	\$232,750	\$0	\$0	\$0	\$0	\$232,750	\$232,750

APPROPRIATION REQUEST: \$232,750

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

AMMS PIER

Job Number: 60037 Project Manager: Matthews FY Originated: FY 16-17	Priority: 2 Category: Business Improvement Program: No
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Scope of Work

The AMMS system supports work orders, fleet management and inventory. Additional features are desired including mobile access for field staff, integration with the JD Edwards financial system, and an interface to the Kronos payroll timekeeping system. The post implementation evaluation review (PIER) would validate system usage and determine if additional features and functionality can be leveraged to receive a higher return on investment (ROI).

Project Justification

The PIER may identify opportunities to improve business processes, further automate transactions, identify opportunities for advanced training, and identify benefits through increased integration with other systems.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding	\$750					\$750	
Construction	\$75,000					\$75,000	
Labor and G&A Expense	\$24,000					\$24,000	
TOTALS	\$99,750	\$0	\$0	\$0	\$0	\$99,750	\$99,750

APPROPRIATION REQUEST: \$99,750

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

IT Capital Purchases

Job Number: 60038 Project Manager: Matthews FY Originated: FY 16-17	Priority: 3 Category: Business Improvement Program: Yes
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Scope of Work

Purchase of Information Technology (IT) related software and equipment.

Project Justification

Replacement of end-of-life equipment will help ensure reliability and compatibility of District hardware and software assets.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$100,000					\$100,000	
Labor and G&A Expense	\$32,000					\$32,000	
TOTALS	\$132,000	\$0	\$0	\$0	\$0	\$132,000	\$132,000

APPROPRIATION REQUEST: \$132,000

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

Flow Meter Replacement - JPA Meters

Job Number: 60040 Project Manager: Anders FY Originated: FY 16-17	Priority: 1 Category: Facility Improvement Program: No
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Scope of Work

Replace end of life flow meters at two (2) locations. Includes the purchase of wireless flow meters and installation.

Project Justification

Proposal provided by ADS (current service provider) to replace end of life model wireless flow meters. The meters include technology (cellular 2G) that is scheduled to be obsolete by the end of 2016.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design	\$500					\$500	
Bidding	\$500					\$500	
Construction	\$18,825					\$18,825	
Labor and G&A Expense	\$6,024					\$6,024	
TOTALS	\$25,849	\$0	\$0	\$0	\$0	\$25,849	\$25,849

APPROPRIATION REQUEST: \$25,849

Cost Estimate Basis: ADS proposal dated 8/5/2015.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Flow Meter Replacement - LV Meter (1)

Job Number: 60041 Project Manager: Anders FY Originated: FY 16-17	Priority: 2 Category: Facility Improvement Program: No
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Scope of Work

Replace end of life flow meters at one (1) location. Includes the purchase of wireless flow meters and installation.

Project Justification

Proposal provided by ADS (current service provider) to replace end of life model wireless flow meter. The old meter includes technology (cellular 2G) that is scheduled to be obsolete by the end of 2016.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design	\$500					\$500	
Bidding	\$500					\$500	
Construction	\$6,275					\$6,275	
Labor and G&A Expense	\$2,008					\$2,008	
TOTALS	\$9,283	\$0	\$0	\$0	\$0	\$9,283	\$9,283

APPROPRIATION REQUEST: \$9,283

Cost Estimate Basis: ADS proposal dated 8/5/2015.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			

Tapia: Primary Tanks No. 2 - 5 Rehabilitation

10512

<p>Job Number: 60043 Project Manager: Maple FY Originated: FY 16-17</p>	<p>Priority: 2 Category: Facility Improvement Program: No</p>
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Scope of Work

Concrete repair and the installation of a protective coating in the tanks. This project also includes the replacement of existing aluminum launders with stainless steel launders and new stainless steel inlet diffusers.

Project Justification

Tanks are 40 years old and the concrete is degrading. Launderers are delaminating and need replacement.

Tank No. 1 was completed in FY 2014-2015 under job number 10512. This project is to complete the remaining four (4) tanks.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees					\$60,000	\$60,000		
Contracts/Equipment								
District Labor					\$10,000	\$10,000		
G & A Allocations					\$20,000	\$20,000		
TOTALS					\$90,000	\$90,000		-\$90,000

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design	\$10,000	\$10,000	\$10,000			\$30,000	
Bidding	\$3,000	\$3,000	\$3,000			\$9,000	
Construction	\$480,000	\$240,000	\$240,000			\$960,000	
Labor and G&A Expense	\$153,600	\$76,800	\$76,800			\$307,200	
TOTALS	\$646,600	\$329,800	\$329,800	\$0	\$0	\$1,306,200	\$1,396,200

APPROPRIATION REQUEST: \$736,600

Cost Estimate Basis: Primary tank No. 1 was completed in FY 2014-2015 at a cost of approximately \$240,000. This amount is the basis for future costs.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction		RW Conservation	LVMWD
				71%
P/W Replacement	Sanitation Replacement		RW Replacement	TSD
	100.0%			29%

Westlake Pump Station and Filtration Plant Landscaping

Job Number: 60044 Project Manager: Maple FY Originated: FY 16-17	Priority: 2 Category: Facility Improvement Program: No
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Scope of Work

Re-landscape areas near the Westlake Pump Station, and areas around the Westlake Filtration Plant.

Project Justification

Additional landscaping will allow the facilities to better blend into the community.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design		\$3,000				\$3,000	
Bidding		\$300				\$300	
Construction		\$30,000				\$30,000	
Labor and G&A Expense		\$9,600				\$9,600	
TOTALS	\$0	\$42,900	\$0	\$0	\$0	\$42,900	\$42,900

APPROPRIATION REQUEST: \$0

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction		RW Conservation	LVMWD
P/W Replacement	Sanitation Replacement		RW Replacement	TSD

Alice Stelle Recycled Water Main Extension Project

Job Number: 60045 Project Manager: Schlageter FY Originated: FY 16-17	Priority: 2 Category: Capacity/Supply Program: No
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Scope of Work

The proposed recycled water pipeline extension would be planned after the installation of the Woodland Hills Water Recycling Project. The estimated 6-inch extension would extend south from Mulholland Drive to the Alice Stelle Middle School and Freedom Park. The connection will be made within the LADWP service area and a meter will be required for providing service back to LVMWD customers.

Project Justification

To convert existing potable water irrigation (20 AFY) to recycled water irrigation reducing imported water demand, reduces creek discharge and increases beneficial reuse.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design		\$55,000				\$55,000	
Bidding		\$5,500				\$5,500	
Construction		\$550,000				\$550,000	
Labor and G&A Expense		\$60,500				\$60,500	
TOTALS	\$0	\$671,000	\$0	\$0	\$0	\$671,000	\$671,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	100.0%	LVMWD
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
				71%
				29%

Building No. 8 Office Space Rehabilitation

Job Number: 60046 Project Manager: Maple FY Originated: FY 16-17	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

Replace carpet, paint, and other interior features are showing wear and have reached their useful life.

Project Justification

The useful life of carpet and paint installed on 1996 has been reached. New desks and partitions may be required depending on phasing and whether they can be assembled in the new configuration as desks and partitions are from 1996 as well.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design				\$10,000		\$10,000	
Bidding				\$2,941		\$2,941	
Construction				\$294,060		\$294,060	
Labor and G&A Expense				\$94,099		\$94,099	
TOTALS	\$0	\$0	\$0	\$401,100	\$0	\$401,100	\$401,100

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Based on 2015 estimate to do similar scope at Building No.7 which was \$75,000. Includes design and coordination services, desks, carpet, paint, installation, and inflation.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				100%

Cornell Pump Station Upgrades

Job Number: 60047 Project Manager: Schlageter FY Originated: FY 16-17	Priority: 2 Category: Facility Improvement Program: No
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Scope of Work

The project consists of evaluating and upgrading the Cornell Pump Station to modernize the electrical and mechanical equipment including VFD's and motors and evaluate if the natural gas system should be upgraded or converted to electricity. In addition opportunities for increased capacity of the pump station will be evaluated.

Project Justification

To improve reliability, modernize the aging infrastructure and comply with AQMD regulations.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning				\$25,000		\$25,000	
Land Acquisition							
Design				\$185,000		\$185,000	
Bidding				\$9,250		\$9,250	
Construction				\$925,000	\$925,000	\$1,850,000	
Labor and G&A Expense				\$101,750	\$101,750	\$203,500	
TOTALS	\$0	\$0	\$0	\$1,246,000	\$1,026,750	\$2,272,750	\$2,272,750

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Staff estimate based on a percentage of recent bids received for the Westlake Pump Station Expansion Project.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction		RW Conservation	LVMWD
				100%
P/W Replacement	Sanitation Replacement		RW Replacement	TSD
100.0%				

Summer Season 2013 TMDL Compliance

Job Number: 60048 Project Manager: Lippman FY Originated: FY 16-17	Priority: 1 Category: Regulatory Compliance Program: No
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Scope of Work

Construction of a 1 MGD "side stream" treatment facility at Tapia to treat stream flow augmentation discharges to the 2013 TMDL limits of 1 mg/L total nitrogen and 0.1 mg/L total phosphorous. The cost estimate is based on membrane technology. The size is based on the maximum daily flow from 2013-2015.

Project Justification

The RWQCB is planning to approve an implementation plan for the EPA established 2013 Malibu Creek and Lagoon TMDL for Sedimentation and Nutrients to Address Benthic Community Impairments by May 2016.

The TMDL set summer season limit of 1 mg/L total nitrogen and 0.1 mg/L total phosphorus. The RWQCB has indicated that flow augmentation discharges will be required to meet this limit.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning	\$200,000					\$200,000	
Land Acquisition							
Design		\$400,000				\$400,000	
Bidding			\$40,000			\$40,000	
Construction				\$2,000,000	\$2,000,000	\$4,000,000	
Labor and G&A Expense				\$220,000	\$220,000	\$440,000	
TOTALS	\$200,000	\$400,000	\$40,000	\$2,220,000	\$2,220,000	\$5,080,000	\$5,080,000

APPROPRIATION REQUEST: \$200,000

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction		RW Conservation	LVMWD
		25.0%		71%
P/W Replacement	Sanitation Replacement		RW Replacement	TSD
		75.0%		29%

Potable Water Tank Coating Evaluation and Repair

Job Number: 60049 Project Manager: Schlageter FY Originated: FY 16-17	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

The project consists of evaluating the coatings of four (4) steel tanks (Kimberly, Upper Twin Oaks, Twin Lakes Tank 1 & 2), that have been identified as needing possible rehabilitation based upon the annual diver's inspection report. The project would include review of the applicable inspection reports and videos and update the "Coating Evaluations and Proposed Rehabilitation Activities" report that was last prepared in June 2002 with recommended rehabilitations.

Project Justification

Proactive maintenance of the tank coatings reduces corrosion, extending the life expectancy of the tanks.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning	\$30,000					\$30,000	
Land Acquisition							
Design		\$5,000	\$5,000	\$5,000		\$15,000	
Bidding		\$500	\$500	\$500		\$1,500	
Construction		\$50,000	\$50,000	\$50,000		\$150,000	
Labor and G&A Expense		\$16,000	\$16,000	\$16,000		\$48,000	
TOTALS	\$30,000	\$71,500	\$71,500	\$71,500	\$0	\$244,500	\$244,500

APPROPRIATION REQUEST: \$30,000

Cost Estimate Basis: Construction estimates to be updated based on the recommendations of the rehabilitation identified in the report.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
P/W Replacement	Sanitation Replacement	RW Replacement		100%
100.0%				TSD

Recycled Water Tank Coating Evaluation and Repair

Job Number: 60050 Project Manager: Schlageter FY Originated: FY 16-17	Priority: 2 Category: Facility Improvement Program: No
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Scope of Work

The project consists of evaluating the coatings of three (3) steel tanks (Indian Hills, Parkway, Cordillera), that have been identified as needing possible rehabilitation based upon the annual diver's inspection report. The project would include review of the applicable inspection reports and videos and update the "Coating Evaluations and Proposed Rehabilitation Activities" report that was last prepared in June 2002 with recommended rehabilitation.

Project Justification

Proactive maintenance of the tank coatings reduces corrosion, extending the life expectancy of the tanks.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning	\$30,000					\$30,000	
Land Acquisition							
Design		\$5,000	\$5,000	\$5,000		\$15,000	
Bidding		\$500	\$500	\$500		\$1,500	
Construction		\$50,000	\$50,000	\$50,000		\$150,000	
Labor and G&A Expense		\$16,000	\$16,000	\$16,000		\$48,000	
TOTALS	\$30,000	\$71,500	\$71,500	\$71,500	\$0	\$244,500	\$244,500

APPROPRIATION REQUEST: \$30,000

Cost Estimate Basis: Construction estimates to be updated based on the recommendations of the rehabilitation identified in the report.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
		100.0%		29%

Offset to IIP No. 10566 - Interconnection With CMWD

Job Number: 60053 Project Manager: Anders FY Originated: FY 16-17	Priority: 2 Category: Delivery Reliability Program: No
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Scope of Work

Project Justification

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction	-\$1,243,000	-\$1,268,001				-\$2,511,001	
Labor and G&A Expense	\$0	\$0					
TOTALS	-\$1,243,000	-\$1,268,001	\$0	\$0	\$0	-\$2,511,001	-\$2,511,001

APPROPRIATION REQUEST: \$0

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
20.0%				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
80.0%				

Offset to IIP No. 10602 - Misc. RW Extension

Job Number: 60054 Project Manager: Anders FY Originated: FY 16-17	Priority: 2 Category: Capacity/Supply Program: No
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Scope of Work

Project Justification

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction	-\$354,000					-\$354,000	
Labor and G&A Expense	\$0						
TOTALS	-\$354,000	\$0	\$0	\$0	\$0	-\$354,000	-\$354,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Potential grant funded by prop 84 IRWM with 50% matching funds.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	100.0%	LVMWD 71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD 29%

Offset to IIP No. 99940 - AMR/AMI

Job Number: 60055 Project Manager: Anders FY Originated: FY 16-17	Priority: 1 Category: Business Improvements Program: No
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Scope of Work

Project Justification

State Revolving Fund loan funding of AMR/AMI project. Following project funding, debt service extends for ten (10) years beginning in FY 17-18.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction	-\$9,404,855	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	-\$4,604,855	
Labor and G&A Expense	\$0	\$0	\$0				
TOTALS	-\$9,404,855	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	-\$4,604,855	-\$4,604,855

APPROPRIATION REQUEST: \$0

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

Offset to IIP No. 10603 - Building No. 1 Improvements

Job Number: 60056 Project Manager: Anders FY Originated: FY 16-17	Priority: 1 Category: Business Improvements Program: No
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Scope of Work

Project Justification

Net operating income based on "The Next 50 Years" (4/6/2015). Assumes that LVMWD funds the project from existing reserves (No financing).

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction		-\$441,047	-\$458,464	-\$476,403	-\$494,881	-\$1,870,795	
Labor and G&A Expense		\$0	\$0				
TOTALS	\$0	-\$441,047	-\$458,464	-\$476,403	-\$494,881	-\$1,870,795	-\$1,870,795

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Estimated return on investment from 4/6/2015 report "The Next 50 Years".

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

Tank Renovation: Equestrian Tank

Job Number: 80644 Project Manager: Schlageter FY Originated: FY07-08	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

Repair tank where alkali-silica reactivity is indicated. Results from annual inspection will determine the timing of this project in the future.

Project Justification

To maintain the concrete surface and structural integrity of the interior of the tank and prevent concrete deterioration.

It is anticipated that there will be an inspection in the spring of 2016.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning				\$15,000		\$15,000	
Land Acquisition							
Design				\$30,000		\$30,000	
Bidding				\$3,000		\$3,000	
Construction				\$300,000	\$295,000	\$595,000	
Labor and G&A Expense				\$96,000	\$94,400	\$190,400	
TOTALS	\$0	\$0	\$0	\$444,000	\$389,400	\$833,400	\$833,400

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: The cost is an estimate only and will need to be revised pending results of the inspection to determine the current condition.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
0.0%	0.0%	0.0%		100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%	0.0%	0.0%		0%

Vehicle Replacement Program

80713

Job Number: 80713 Project Manager: Johnson FY Originated: FY09-10	Priority: 3 Category: Business Improvements Program: Yes
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Scope of Work

Systematic replacement of district fleet based on age and condition of vehicles.

Project Justification

Age, wear and tear as well as changes in staffing require systematic replacement of district vehicles. The replacement criteria assures that high maintenance vehicles are replaced before maintenance costs outweigh benefits.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction		\$175,000	\$175,000	\$175,000	\$175,000	\$700,000	
Labor and G&A Expense		\$0	\$0				
TOTALS	\$0	\$175,000	\$175,000	\$175,000	\$175,000	\$700,000	\$700,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Staff Estimate.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

Rancho: Replace Agitators

Job Number: 80748 Project Manager: Dingman FY Originated: FY10-11	Priority: 3 Category: Capacity/Supply Program: No
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Scope of Work

Purchase new compost agitators to replace the existing ones.

Project Justification

The existing agitators are approaching the end of their service life will need to be replaced. The original agitators had a seven year life as they were placed in service in 1994 and replaced in 2001-2002.

The existing agitators will be approaching the end of their service life. An aggressive maintenance schedule has doubled the service life of these agitators.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction				\$500,000	\$500,000	\$1,000,000	
Labor and G&A Expense				\$55,000	\$55,000	\$110,000	
TOTALS	\$0	\$0	\$0	\$555,000	\$555,000	\$1,110,000	\$1,110,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Staff estimate based on previous purchases.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
0.0%	0.0%	0.0%		71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
0.0%	100.0%	0.0%		29%

Process Air Improvements

Job Number: 99910 Project Manager: Dingman FY Originated: FY12-13	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

The first phase is to replace the existing Roots blowers with new, high efficiency, single stage blowers.

To replace the air diffusers in the aeration basins with new full floor mounted fine bubble diffusers.

Project Justification

The Tapia Process Air Study was completed in 2012 and showed that an annual energy savings \$184,000 could be achieved by implementing these improvements.

Additionally, aging infrastructure will be replaced and plant reliability will improve with the implementation of this program.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning	\$66,000	\$69,000				\$135,000	
Land Acquisition	\$0	\$0				\$0	
Design	\$142,000	\$148,000				\$290,000	
Bidding	\$13,200	\$13,800				\$27,000	
Construction	\$1,420,000	\$1,480,000				\$2,900,000	
Labor and G&A Expense	\$156,200	\$162,800				\$319,000	
TOTALS	\$1,797,400	\$1,873,600	\$0	\$0	\$0	\$3,671,000	\$3,671,000

APPROPRIATION REQUEST: \$1,797,400

Cost Estimate Basis: 2011 Tapia Air Study (adjusted for inflation)

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
	25.0%			71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	75.0%			29%

Rancho Las Virgenes: FOG Receiving Facilities

Job Number: 99911 Project Manager: Dingman FY Originated: FY12-13	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

To conduct a study to determine the market for local high strength wastes (food waste, fats, oils, and grease (FOG)) that can be fed into the third digester. After completion of the study, the installation of facilities for receiving and conveying fats, oils, and grease (FOG) and food waste into the newly constructed third digester.

Project Justification

The FOG introduced into the new digester is expected to increase the amount of gas generated and to reduce the amount of sludge produced while reducing odor potential. The gas can be used to create energy through co-generation facilities.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning		\$25,000	\$10,000			\$35,000	
Land Acquisition			\$0			\$0	
Design			\$60,000			\$60,000	
Bidding			\$6,000			\$6,000	
Construction			\$600,000			\$600,000	
Labor and G&A Expense			\$66,000			\$66,000	
TOTALS	\$0	\$25,000	\$742,000	\$0	\$0	\$767,000	\$767,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: 2014 Sanitation Master plan with additional staff estimates

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
	20.0%			71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	80.0%			29%

Rancho Las Virgenes Sludge Thickening

Job Number: 99926 Project Manager: Dingman FY Originated: FY13-14	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

Installation of a thickening centrifuge or rotary drum at Rancho to increase the solids percentage of raw sludge before it is fed to the digesters.

Project Justification

This project will thicken the sludge before it is fed to the digesters which would provide an increase in capacity.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning			\$25,000			\$25,000	
Land Acquisition							
Design			\$50,000			\$50,000	
Bidding			\$5,000			\$5,000	
Construction			\$500,000			\$500,000	
Labor and G&A Expense			\$55,000			\$55,000	
TOTALS	\$0	\$0	\$635,000	\$0	\$0	\$635,000	\$635,000

APPROPRIATION REQUEST: \$0

2014 Sanitation Master Plan

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

AMR IMPLEMENTATION FY 2016-2017 Through FY 2020-2021

Job Number: 99940 Project Manager: Palma FY Originated: FY14-15	Priority: 1 Category: Business Improvements Program: Yes
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Scope of Work

Install Automated Meter Reading/Advanced Metering Infrastructure (AMR/AMI).

Project Justification

Leak Detection and prevention, improve customer service efficiency and 20% by 2020 compliance. Preparation for option of monthly billing.

[See IIP #10586 for FY 15-16 Activity]

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning	\$729,763					\$729,763	
Land Acquisition							
Design							
Bidding	\$81,000					\$81,000	
Construction	\$8,107,634					\$8,107,634	
Labor and G&A Expense	\$486,458					\$486,458	
TOTALS	\$9,404,855	\$0	\$0	\$0	\$0	\$9,404,855	\$9,404,855

APPROPRIATION REQUEST: \$9,404,855

Cost Estimate Basis: Cost estimate based on consultant survey.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
P/W Replacement	Sanitation Replacement	RW Replacement		100%
100.0%				TSD

Potable Pipeline System Upgrade (2014 MP)

Job Number: 99964 Project Manager: Zhao FY Originated: FY14-15	Priority: 2 Category: Facility Improvements Program: No
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Scope of Work

To upgrade 1,236 feet of pipeline (EX-3) in the Stunt pressure zone and 1,585 feet of pipeline (EX-19) in the Twin Lakes pressure zone based on the 2014 Potable Water System Master Plan priority 1 items on Table 6-4. This upgrade will also include priority 2 pipeline projects as stated in Table 6-4 of the 2014 Potable Water System Master Plan update. The priority 2 projects include Jed Smith, backbone and box canyon pressure zones.

Project Justification

To address pipeline capacity issues in order to meet the maximum day demand and fire flow requirements.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning			\$15,000		\$10,000	\$25,000	
Land Acquisition							
Design			\$200,000		\$197,500	\$397,500	
Bidding			\$20,000		\$40,000	\$60,000	
Construction			\$282,000	\$395,000	\$4,118,400	\$4,795,400	
Labor and G&A Expense			\$90,240	\$126,400	\$453,024	\$669,664	
TOTALS	\$0	\$0	\$607,240	\$521,400	\$4,818,924	\$5,947,564	\$5,947,564

APPROPRIATION REQUEST: \$0

2014 Potable Water System Master Plan

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
P/W Replacement	Sanitation Replacement	RW Replacement		100%
100.0%				TSD

Tapia Automated Filter Wash down

Job Number: 99967 Project Manager: Dingman FY Originated: FY15-16	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

This project provides piping, solenoids, wash down sprayers and SCADA control integration to allow for automatic backwashing of the 12 tertiary filters at Tapia.

Project Justification

Automating the backwashing of filters will allow for this activity to occur at night when flows are low. Currently, the filters are backwashed during the day and cause a higher peak flow due to the waste wash water being pumped into the influent sewer.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design			\$10,000			\$10,000	
Bidding			\$1,000			\$1,000	
Construction			\$100,000			\$100,000	
Labor and G&A Expense			\$32,000			\$32,000	
TOTALS	\$0	\$0	\$143,000	\$0	\$0	\$143,000	\$143,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Staff estimate.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Primary Effluent Equalization

Job Number: 99972 Project Manager: Lippman FY Originated: FY 15-16	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

Design and construct 1.25 million gallons of primary effluent equalization storage. The storage will be located at the "bone yard."

Project Justification

Primary effluent equalization will dampen peak flows into Tapia allowing greater control over hydraulic loading of the plant processes improving performance and reliability.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning			\$50,000			\$50,000	
Land Acquisition							
Design			\$440,000			\$440,000	
Bidding				\$4,000		\$4,000	
Construction				\$2,200,000	\$2,200,000	\$4,400,000	
Labor and G&A Expense				\$242,000	\$242,000	\$484,000	
TOTALS	\$0	\$0	\$490,000	\$2,446,000	\$2,442,000	\$5,378,000	\$5,378,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Hazen-Sawyer 2015 Report.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction		RW Conservation	LVMWD
				71%
P/W Replacement	Sanitation Replacement		RW Replacement	TSD
	100.0%			29%

A/B Bus Electrical Modification

Job Number: 99975 Project Manager: Korkosz FY Originated: FY 15-16	Priority: 3 Category: Business Improvements Program: No
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Scope of Work

Study the feasibility of reconfiguring the Tapia electrical switch gear and then hire electrical team to make the modifications.

Construction cost estimates will be developed following the completion of the feasibility study.

Project Justification

The main electrical switch gear at Tapia operates on two power phases (Wye / Delta). The two phases aren't compatible and inhibit staff's ability to shut off power at the plant for repairs.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design			\$100,000			\$100,000	
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$100,000	\$0	\$0	\$100,000	\$100,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Staff estimate for study only. Construction cost estimate will be developed following the completion of the feasibility study.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Ovation Upgrade

Job Number: 99978 Project Manager: Miller FY Originated: FY 15-16	Priority: 3 Category: Business Improvements Program: No
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Scope of Work

Future upgrade of Rancho control system.

Project Justification

The current control system is nearing the end of its useful life.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design					\$5,000	\$5,000	
Bidding							
Construction					\$475,000	\$475,000	
Labor and G&A Expense					\$152,000	\$152,000	
TOTALS	\$0	\$0	\$0	\$0	\$632,000	\$632,000	\$632,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Staff estimate.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			29%

Agoura Road Extension Phase II

Job Number: 99981 Project Manager: Schlageter FY Originated: FY 15-16	Priority: 3 Category: Delivery Reliability Program: No
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Scope of Work

The project consists of continuation of the 8" recycled water main gap closure identified in the 2007 Recycled Water Master Plan. The project will complete the closure from where the first phase of the project ended as part of the City's Agoura Road widening project.

Project Justification

The project will close a system gap and provide system redundancy, improve reliability, and serve future development.

The project should be considered & coordinated with the City of Agoura Hills to time the project with future paving and street improvement projects.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design				\$150,000		\$150,000	
Bidding							
Construction					\$1,500,000	\$1,500,000	
Labor and G&A Expense					\$165,000	\$165,000	
TOTALS	\$0	\$0	\$0	\$150,000	\$1,665,000	\$1,815,000	\$1,815,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Estimate is based on 1st phase bid results.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
		100.0%		29%

Lift Station Reliability Improvements

Job Number: 99982 Project Manager: Lippman FY Originated: FY 15-16	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

Replace or rehabilitate lift station facilities based on failure, exceedence of useful life, or obsolescence. Specific projects are identified for each fiscal year.

Project Justification

Providing reliability and regulatory compliance requires systematic replacement or rehabilitation of facilities and equipment.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$50,000	\$50,000		\$100,000	
Labor and G&A Expense			\$16,000	\$16,000		\$32,000	
TOTALS	\$0	\$0	\$66,000	\$66,000	\$0	\$132,000	\$132,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Staff estimate. Estimates will be refined each fiscal year.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			

Trunk Sewer System Improvements

Job Number: 99983 Project Manager: Schlageter FY Originated: FY 15-16	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

Replace or rehabilitate trunk sewer system components based on failure, exceedence of useful life, or obsolescence. Specific projects are identified for each fiscal year.

Project Justification

Providing reliability and regulatory compliance requires systematic replacement or rehabilitation of facilities and equipment.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$50,000	\$50,000		\$100,000	
Labor and G&A Expense			\$16,000	\$16,000		\$32,000	
TOTALS	\$0	\$0	\$66,000	\$66,000	\$0	\$132,000	\$132,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Place holder estimates.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
	100.0%			

McCoy Pump Station Expansion

Job Number: 99985 Project Manager: Zhao FY Originated: FY 15-16	Priority: 3 Category: Business Improvements Program: No
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Scope of Work

To add additional 69 horsepower (HP) pumping capacity increasing flow to 4,381 gpm (18 hour pumping) from the current capacity of 3,400 gpm. The new flow rate will be capable of 8.762 gpm for 9-hour (off peak) pumping.

Project Justification

Based on the 2014 potable water system master plan update, the McCoy subsystem has a pumping deficit of 981 gpm for 18 hour pumping schedules or 5,362 gpm deficit for off peak pumping. Additional pumping capacity is required to meet existing demands.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning			\$10,000			\$10,000	
Land Acquisition							
Design			\$96,000			\$96,000	
Bidding			\$10,000			\$10,000	
Construction			\$959,000			\$959,000	
Labor and G&A Expense			\$105,490			\$105,490	
TOTALS	\$0	\$0	\$1,180,490	\$0	\$0	\$1,180,490	\$1,180,490

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Based on 2014 Master Plan update.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction 0.0%	Sanitation Construction	RW Conservation		LVMWD 100%
P/W Replacement 100.0%	Sanitation Replacement	RW Replacement		TSD

Nitrification Measures Implementation

Job Number: 99989 Project Manager: Maple FY Originated: FY 15-16	Priority: 2 Category: Business Improvements Program: No
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Scope of Work

Implement findings of nitrification study (99988).

Project Justification

Implementation of recommendations from the nitrification study to implement the nitrification monitoring plan required by the Division of Drinking Water.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design	\$30,000					\$30,000	
Bidding	\$3,000	\$3,000				\$6,000	
Construction	\$50,000	\$100,000				\$150,000	
Labor and G&A Expense	\$16,000	\$32,000				\$48,000	
TOTALS	\$99,000	\$135,000	\$0	\$0	\$0	\$234,000	\$234,000

APPROPRIATION REQUEST: \$99,000

Cost Estimate Basis: Assumes PAX mixers with no chemical feed at three (3) tanks. Estimate to be further refined when study is complete.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
0.0%				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

Potable Water System PLC Upgrade Phase 1

Job Number: 99990 Project Manager: Schlageter FY Originated: FY 15-16	Priority: 3 Category: Business Improvements Program: No
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Scope of Work

Upgrade half of the potable water system programmable logic controllers (PLC's) to replace old PLC's that are no longer supported.

Project Justification

Following the completion of the SCADA backbone improvement plan, each of the water reservoir & pump stations also need to be upgraded in order to fully utilize the new backbone SCADA system. Older portions of the system have components that are either failing, or are no longer supported (not upgradable).

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design			\$10,000			\$10,000	
Bidding			\$1,000			\$1,000	
Construction			\$100,000			\$100,000	
Labor and G&A Expense			\$32,000			\$32,000	
TOTALS	\$0	\$0	\$143,000	\$0	\$0	\$143,000	\$143,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Place holder estimate.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction 0.0%	Sanitation Construction	RW Conservation		LVMWD 100%
P/W Replacement 100.0%	Sanitation Replacement	RW Replacement		TSD

Westlake Filter Plant PLC Upgrade

Job Number: 99991 Project Manager: Schlageter FY Originated: FY 15-16	Priority: 3 Category: Business Improvements Program: No
--	--

Scope of Work

Upgrade the aging programmable logic controller (PLC) system at the Westlake Filter Plant with updated technology that matches the newly upgraded backbone SCADA system.

Project Justification

Following the completion of the SCADA backbone improvement project the proposed upgrade will bring the aging PLC to the backbone standards and replace parts the manufacturer no longer supports.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design		\$10,000				\$10,000	
Bidding		\$1,000				\$1,000	
Construction		\$100,000				\$100,000	
Labor and G&A Expense		\$32,000				\$32,000	
TOTALS	\$0	\$143,000	\$0	\$0	\$0	\$143,000	\$143,000

APPROPRIATION REQUEST: \$0
 Cost Estimate Basis: Staff estimate.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
0.0%				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

Seminole Subsystem Improvement Study

Job Number: 99992 Project Manager: Zhao FY Originated: FY 15-16	Priority: 3 Category: Business Improvements Program: No
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Scope of Work

Perform a study of the latest demand in the Seminole subsystem and provide a roadmap to meet anticipated storage and pumping capacity demands.

Project Justification

The 2014 potable water system master plan update identified a future storage deficit of 1,170,000 gallons and a pumping deficit in the Seminole subsystem of 2.934 gallons per minute (gpm).

The proposed study will provide alternatives for meeting the future demands of the subsystem.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning					\$50,000	\$50,000	
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$50,000

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: The cost estimate is based on the 2014 Potable Water Master Plan Update.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
33.0%				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
67.0%				

OFFSET OF IIP #10588

Job Number: 99996 Project Manager: Anders FY Originated: FY 15-16	Priority: 2 Category: Business Improvements Program: No
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Scope of Work

Project Justification

This project identifies the anticipated reimbursement from the City of Los Angeles for work related to the Woodland Hills Golf Course recycled waterline extension.

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees					-\$350,000	-\$350,000		
Contracts/Equipment								
District Labor				-\$3,922	-\$5,179	-\$9,101		
G & A Allocations				-\$8,444	-\$5,147	-\$13,591		
TOTALS				-\$12,366	-\$360,326	-\$372,692		\$372,692

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design	-\$1,060,000					-\$1,060,000	
Bidding		-\$50,000				-\$50,000	
Construction		-\$7,600,000	-\$7,600,000			-\$15,200,000	
Labor and G&A Expense		-\$456,000	-\$456,000			-\$912,000	
TOTALS	-\$1,060,000	-\$8,106,000	-\$8,056,000	\$0	\$0	-\$17,222,000	-\$17,594,692

APPROPRIATION REQUEST: \$0

Cost Estimate Basis: Reimbursement placeholder - based on anticipated cost of Project #10588.

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation	100.0%	LVMWD
				71%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
				29%

Water System PLC Upgrade Phase 2

Job Number: 99998 Project Manager: Schlageter FY Originated: FY 15-16	Priority: 3 Category: Facility Improvements Program: No
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Scope of Work

Upgrade half of the potable water system programmable logic controllers (PLC's) to replace old PLC's that are no longer supported.

Project Justification

Following the completion of the SCADA backbone improvement plan, each of the water reservoir & pump stations also need to be upgraded in order to fully utilize the new backbone SCADA system. Older portions of the system have components that are either failing, or are no longer supported (not upgradable).

Expenditures & Appropriations - Inception to Date & Anticipated (unaudited)

	Prior Yrs.	FY12-13	FY 13-14	FY 14-15	FY 15-16	Inception to Date	Approved Approp.	Carryover (deficit)
Design Effort/Fees								
Contracts/Equipment								
District Labor								
G & A Allocations								
TOTALS								

Proposed Project Expenditures

	FY 16-17	FY 17-18	FY 18-19	FY 19-20	FY 20-21	5-Year Total	Total Project (projected)
Planning							
Land Acquisition							
Design				\$10,000		\$10,000	
Bidding				\$1,000		\$1,000	
Construction				\$100,000		\$100,000	
Labor and G&A Expense				\$32,000		\$32,000	
TOTALS	\$0	\$0	\$0	\$143,000	\$0	\$143,000	\$143,000

APPROPRIATION REQUEST: \$0
 Staff estimate.

Cost Estimate Basis:

Fund:	% of Project Allocated by			JPA Partner:
P/W Construction	Sanitation Construction	RW Conservation		LVMWD
				100%
P/W Replacement	Sanitation Replacement	RW Replacement		TSD
100.0%				

Section 4

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Planning Guidelines for Project Costs

All estimated costs for a project will be based on the estimated construction cost of the work.

To estimate Construction Costs use:

- Previous project work of similar scope and complexity
- Previous estimates for work updated and inflated by 3% compounded for each year since the estimate was prepared
- Project costs shown in the current Master Plan
- Means Estimating Guides (available in Engineering)
- Project costs shown in recent Water System Design Reports for pipelines, tanks, pump stations and the like
- Use 15% for contingency costs

To estimate Planning Costs use:

- Preliminary Design Report - 5% of Construction Cost
- Environmental Reports
 - \$10-20,000 for Neg Dec's/MND's
 - \$150,000 - 350,000 for full EIR's (depending on complexity)

Land Acquisition Costs

- Rural land use \$5,000/acre
- Urbanized land use \$50,000/acre
- For fees use 10% of acquisition cost

Design Costs

- Use 10% of Construction Cost (Assume consultants bill at \$125/hr)
- For very complex projects with numerous staff reviews use 15%

Bidding Costs

- Use 1% of Construction Cost

Other Costs related to construction

- Surveillance/inspection and administration use 6%
- Testing and other laboratory work use 2%
- District furnished equipment use vendor catalogs/pricing
- Construction Management Costs use 10% (private consultant)
- Operation and Maintenance Manual Preparation use 2%

District Labor and G&A Guidelines:

<u>Construction Cost</u>	<u>Labor</u> (as % of Construction)	<u>G&A</u> (as % of Construction)
< \$500K	12%	20%
\$500K - \$5M	4%	7%
> \$5M	2%	4%

Priority and Justification Criteria

Priority:

This identifies projects with a vocabulary of timeliness and need sensitivity. The higher priorities reflect projects that are typically driven by external needs or regulations rather than district needs. The overall CIP Program is achieved by a blend of projects in all Priorities consistent with fund availability.

1. **Essential Projects**
 - Required by law, regulation, or court mandate to be accomplished immediately.
 - Disaster recovery work needed to restore service
 - Emergency repairs to maintain/restore service reliability, or to resolve or correct a hazardous situation.
2. **Necessary Projects**
 - High need for scheduled repair, replacement, or upgrade to maintain or improve service reliability
 - Safety improvement to protect life or property
 - Improvement to protect facilities, equipment and structures
 - Cost related efficiency improvements
 - Conservation of resources
 - Water quality improvements - no regulatory requirement
 - Matching funding available (like grants)
 - Current demand related improvements
3. **Desirable or Deferrable Projects**
 - Routine improvements or repairs to systems
 - No direct cost benefit
 - Cosmetic improvements
 - Future demand related improvements

Justification Categories

The intent here was to group projects with similar reasons for being done or outcomes for ease of analysis of how Capital funds are being invested over time. It provides another index to analyze how the district is investing in facilities for the short and long-range future. The key question answered by this index is "Why is this project being done?"

1. Safety
2. Water Quality
3. Delivery reliability
4. Regulatory Requirements
5. System Supply or Demand
6. Business Improvements (i.e., how we enhance our business practices)
7. Facility Improvements (i.e., upgrades and enhancements in general)

Roles and Responsibilities for Project Managers

- A. **Project Planning**
 - 1. Review current CIP for continuation of existing projects
 - 2. Review current CIP for projects programmed for next fiscal year
 - 3. Update status and data for existing projects on Project Sheets
 - 4. Review Master Plan or other studies and reports for new projects
 - 5. Review operational problems which need correction with CIP project work
 - 6. Brainstorm with users to identify CIP requirements
 - 7. Review various permits issued to operate facilities for new or added CIP project requirements
 - 8. Review regulatory requirements for new CIP project needs to meet compliance needs
 - 9. Consider 'wish list' needs for CIP projects

- B. **Project Development**
 - 1. Prepare CIP Project Sheet
 - 2. Write/verify Project Scope
 - 3. Write Justification for Project
 - 4. Compute Project Costs
 - 5. Determine Program Year(s) for Project

- C. **5-Year CIP Program Preparation**
 - 1. Verify project scope, justification, costs, program year
 - 2. Provide answers and feedback as necessary
 - 3. Participate in planning meetings

- D. **CIP Program Execution**
 - 1. Serve as single point of contact for project - assume ownership
 - 2. Establish schedule for work
 - 3. Establish significant milestones for work
 - 4. Establish budget for work
 - 5. Track/approve monthly invoices and costs of work on project
 - 6. Monitor progress of work, resolve issues, and keep project moving
 - 7. Provide quarterly status reports (consider costs, schedule, problems, slippages, etc.)
 - 8. Prepare necessary Board packages for review/approval of budget changes or other authorizations
 - 9. Provide quarterly cash flow projections
 - 10. Prepare project completion documents



February 9, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject : 2016 Potable Water and Sanitation Capacity Fees Study

SUMMARY:

The District's current potable water and sewer capacity fees were last modified based on a study conducted in 2003. A capacity fee study identifies the financial resources needed by the District to construct facilities required to meet future needs and accommodate planned growth in the service area. With the recent updates to the District's master planning documents, development of the Infrastructure Investment Plan and completion of the 2015 rate study, staff recommends that the District initiate a new capacity fee study.

RECOMMENDATION(S):

Budget and appropriate \$42,500 for a study of the District's potable water and sanitation capacity fees, and authorize the General Manager to execute a professional services agreement with Raftelis Financial Consultants, in an amount not to exceed \$42,500, to complete the study.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

No

FINANCIAL IMPACT:

A budget and appropriation of \$42,500 is required for the capacity fee study.

DISCUSSION:

The District analyzes its capital facility needs to meet future demands on a periodic basis. These studies normally assess the expected and planned growth in the District, existing usage patterns and other factors to determine future facility needs. The efforts normally culminate in published master plans, or other special studies, that address the current and future needs of the District for potable water, recycled water and sanitation facilities. Master plans for potable water, recycled water and sanitation were updated in 2014.

The basic theory behind establishing the amount of capacity fees is relatively straightforward. Future growth would generate the need for new capital facilities. The estimated cost of the facilities divided by the number of associated new connections estimated during the planning horizon equals a dollar per connection amount for the service (capacity fee). Each new development then pays a connection fee for water and sewer service needed to support the proposed development. Currently, there is no fee for recycled water connections; however, a component of the potable water connection fee is designated for recycled water infrastructure.

Attached is a copy of the District's currently-adopted policy principles for capacity fees and the current capacity fee schedule. As part of the proposed capacity fee study, the policy principles and capacity fee calculation methodology would be reviewed considering changing public policy, legal requirements, and unique and special circumstances facing the District. Also attached is a preliminary schedule for the capacity fee schedule.

Staff requested proposals for the connection fee study from Kennedy/Jenks Consultants and Raftelis Financial Consultants. Raftelis was the only firm to submit a proposal and can utilize work already performed for the District for completion of the 2015 rate study to increase efficiency. As a result, staff recommends the Board accept the proposal from Raftelis.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Douglas Anders, Administrative Services Coordinator

ATTACHMENTS:

Policy Principles
Schedule

Appendix B

Potable Water Capacity Fees Sewer Capacity Fees Policy Principles

1. Existing customers have already paid their share of incremental costs to pay for expansions or improvements in the water and sewer systems to accommodate new growth and needn't be burdened with costs of future expansions.
2. New customers creating new demand on systems should pay for their share of incremental costs for expansions to service systems (water and/or sewer).
3. Future growth and population projections will be based on adopted General Plans, Specific Plans, and land use plans of the various land planning agencies (utilizing data and trends obtained from cities, county, Southern California Association of Governments, and U. S. Census).
4. Amounts of Potable Water and Sewer Capacity Fees (referred to as "Capacity Fees") will be based on capital improvement costs to expand and/or extend service facilities during the planning horizon for growth projections as determined by Master Plans and/or other studies.
(Potable water and recycled water facilities include the transmission, distribution, storage, pumping, and treatment of water. Similarly, sanitation facilities include increases in component systems, such as pumping expansions, capacity and process improvements for wastewater treatment/disposal and biosolids treatment and disposal facilities.)
5. Capacity Fees will be named and utilized as follows (consistent with Las Virgenes Code):
 - Potable water connections – Potable Water Capacity Fee and funds will be utilized in the Potable Water Construction Fund. A component of this fee, the Water Conservation Fee, will be utilized in the Water Conservation Fund to construct or expand new recycled water facilities, and other water conservation programs.
 - Sewer connections – Sanitation Capacity Fee and funds will be utilized in the Sanitation Construction Fund.
6. Potable Water Capacity Fees will be the same for the entire district water service area. Water Conservation Fees (connection fees for the recycled water system) will continue to be a component of the Potable Water Capacity Fee.
7. The Excess Density Construction Fee for Potable Water will be eliminated and each project evaluated by a Water System Design Report to

determine the extent of impact on the district transmission, pumping, and storage needs.

8. Sewer Capacity Fees will vary depending on service area. Properties in service areas U-1, U-2, and "D" will relate to improvements necessary at the Tapia WRF and Rancho Las Virgenes biosolids disposal facility. For other areas (U-3 and B) the connection fee will relate to the connection fee structure of the City of Los Angeles.
9. Capacity Fees will continue to be considered as deposits, consistent with existing Las Virgenes Code and the Connection Fee Deposit Agreements (executed by developers at the time connection fees are paid). Payment of the Fees assures a developer of rights to capacity in the district's water and/or sewer systems. Adjustments (up or down) will be made to the deposit if changes to the Potable Water or Sewer Capacity Fees are implemented by the district between the time the deposit is made and the district takes acceptance of the water and/or sewer system. Funds on deposit will accrue interest and be applied against future adjustment of fees that may be required. This change will be effective on the date the new Capacity Fees are implemented.
10. Potable Water and Sewer Capacity Fees may be annually updated utilizing the Construction Cost Index (CCI) as published in Engineering News Record. Capacity Fees may also be updated after major revisions to system master plans (water and/or sewer) and/or significant changes are made in Land Uses (such as "Granny Flats" or other mixed-use developments) in the district service areas.

LAS VIRGENES MUNICIPAL WATER DISTRICT

POTABLE WATER CAPACITY FEES - SUBDIVISION RATE

Size	GPM	Construction	Conservation	Administration	Meter Cost	Installation	Cost w/o Regulator	Cost w/ Regulator
5/8"	20	\$2,900	\$2,033	\$260	\$60	\$50	\$5,303	\$5,353
3/4"	30	\$4,350	\$3,050	\$260	\$60	\$50	\$7,770	\$7,820
1"	50	\$7,250	\$5,083	\$260	\$70	\$50	\$12,713	\$12,793
1-1/2" - Disc	100	\$14,500	\$10,167	\$260	\$160	\$150	\$25,237	\$26,237
1-1/2" - Turbo	100	\$14,500	\$10,167	\$260	\$325	\$150	\$25,402	\$26,402
2" - Disc	160	\$23,200	\$16,267	\$260	\$245	\$200	\$40,172	\$41,172
2" - Turbo	160	\$23,200	\$16,267	\$260	\$390	\$200	\$40,317	\$41,317
2" - Metron	120	\$23,200	\$16,267	\$260	\$950	\$200	\$40,877	
2" - Fire Meter	130	\$0	\$0	\$260			\$260	
3"	320	\$46,400	\$32,533	\$260			\$79,193	
4"	500	\$72,500	\$50,833	\$260			\$123,593	
6"	1000	\$145,000	\$101,667	\$260			\$246,927	
8"	1600	\$232,000	\$162,667	\$260			\$394,927	
10"	2500	\$362,500	\$254,167	\$260			\$616,927	
12"	3600	\$522,000	\$366,000	\$260			\$888,260	

POTABLE WATER CAPACITY FEES - REGULAR RATE

Size	GPM	Construction	Conservation	Administration	Meter Cost	Installation	Cost w/o Regulator	Cost w/ Regulator
5/8"	20	\$2,900	\$2,033	\$260	\$60	\$1,100	\$6,353	\$6,428
3/4" *	30	\$4,350	\$3,050	\$260	\$60	\$1,100	\$8,820	\$8,895
1"	50	\$7,250	\$5,083	\$260	\$70	\$1,100	\$13,763	\$13,863
1-1/2" - Disc	100	\$14,500	\$10,167	\$260	\$160	\$1,240	\$26,327	\$27,427
1-1/2" - Turbo	100	\$14,500	\$10,167	\$260	\$325	\$1,240	\$26,492	\$27,592
2" - Disc	160	\$23,200	\$16,267	\$260	\$245	\$1,540	\$41,512	\$42,612
2" - Turbo	160	\$23,200	\$16,267	\$260	\$390	\$1,540	\$41,657	\$42,757
2" - Metron	120	\$23,200	\$16,267	\$260	\$950	\$1,540	\$42,217	
2" - Fire Meter	130	\$0	\$0	\$260			\$890	\$3,793
3"	320	\$46,400	\$32,533	\$260			\$79,193	
4"	500	\$72,500	\$50,833	\$260			\$123,593	
6"	1000	\$145,000	\$101,667	\$260			\$246,927	
8"	1600	\$232,000	\$162,667	\$260			\$394,927	
10"	2500	\$362,500	\$254,167	\$260			\$616,927	
12"	3600	\$522,000	\$366,000	\$260			\$888,260	

General Notes:

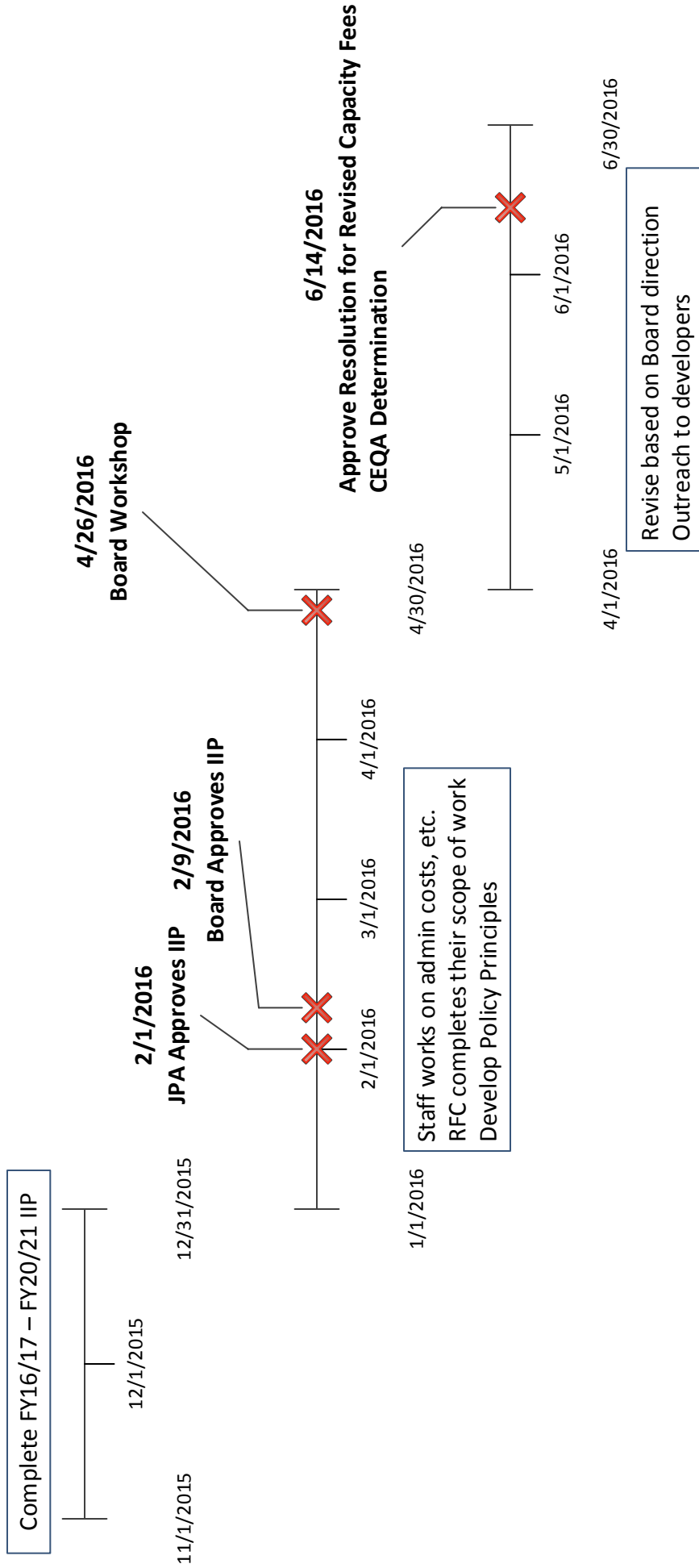
1. The installation charge for 5/8", 3/4" and 1" meters (subdivision rate) allows for the \$1,050.00 credit as specified per Section 3-2.216 of the Water Ordinance
2. An Applicant shall pay Capacity Fees existent when service commences regardless of when the Capacity Fees are deposited / paid.
3. 5/8" meters are not available for installation in single family dwellings
4. Cost for regulated services greater than 2" to be determined before installation.
5. Installation costs for meters greater than 1" are only deposits toward actual cost to be paid.

SEWER CAPACITY FEES

Sanitation District	Fee per residence or ERU
U-1	\$7,000
U-2	\$7,000
U-3	\$3,900
B	\$3,900
D	\$7,000

5. Sewer Capacity Fees for commercial properties are based on 25 fixture units (from Los Angeles County Uniform Plumbing Code) per 1 ERU (Equivalent Residential Unit). Capacity Fees are effective January 1, 2004

Capacity Fee Study Schedule





February 9, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject : Saddletree Tank Rehabilitation Project: Construction Award

SUMMARY:

On December 8, 2015, the Board authorized a call for bids for the Saddletree Tank Rehabilitation Project. The scope of work consists of removal and replacement of lead-based exterior and coal tar-based interior coatings, installation of mechanical and piping improvements, asphalt maintenance, security fencing, cathodic protection, modification of the tank vents and other site improvements. Four bids were submitted and publically opened on January 22, 2016. The lowest responsive bid was submitted by Paso Robles Tank, Inc., in the amount of \$364,674, which is 15% lower than the engineer's estimate of \$431,318.

An environmental review of the project was performed, and it was determined to be categorically exempt from the requirements of the California Environmental Quality Act. Staff recommends award of a construction contract to Paso Robles Tank, Inc.

RECOMMENDATION(S):

Find that the Saddletree Tank Rehabilitation Project is categorically exempt from the requirements of the California Environmental Quality Act and authorize the General Manager to file a Notice of Exemption; award a construction contract to Paso Robles Tank, Inc., in the amount of \$364,674, for the project; and reject all remaining bids upon receipt of duly executed contract documents.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

The adopted Fiscal Year 2015-16 budget provides funding under CIP Job No. 10539, the Saddletree Tank Rehabilitation Project, in the amount of \$554,606. No additional appropriation is required.

DISCUSSION:

Saddletree Tank is a 280,000-gallon potable water storage tank that provides water supply and fire protection to approximately 80 customers. The tank is filled via the Saddletree Pump Station, which pumps water from Equestrian Tank. The steel tank was constructed in 1977. In 2002, M.J. Schiff & Associates, Inc., completed an evaluation and rehabilitation master plan for all of the District's tanks. The majority of the improvements identified in the master plan have been completed for the District's tanks with the exception of those for Saddletree Tank. The project was pending completion of the Calabasas Tank Rehabilitation Project.

The optional bids items recommended and included in the award amount include a submerged tank mixer and dormer-style tank vent. The tank mixer would eliminate thermal stratification and help to prevent conditions favorable to chlorine residual loss, disinfection byproduct formation and nitrification, which would improve the quality of water stored within the tank. The dormer-style tank vent would provide added security to prevent potential contamination of the water supply as compared to the traditional vent screens found on the tank. In addition, the vent reduces future maintenance associated with the traditional vent screens, which are prone to rusting and corrosion.

Construction is scheduled to take place during the low-demand months given the operational challenges associated with temporarily removing the tank from service. Temporary storage tanks will be provided during construction to maintain continuous service to customers while the tank is off-line. The project is estimated to be completed by late May 2016.

Staff determined that the project is categorically exempt from the requirements of the California Environmental Quality Act (CEQA) pursuant to Sections 15301, Existing Facilities (b) and (d), of the CEQA Guidelines. The existing facilities exemption consists of the operation, repair, maintenance or minor alteration of existing public facilities involving negligible or no expansion of use and includes the following:

(b) Existing facilities of both investor and publicly-owned utilities used to provide electric power, natural gas, sewerage, or other public utility services; and

(d) Restoration or rehabilitation of deteriorated or damaged structures, facilities, or mechanical equipment to meet current standards of public health and safety, unless it is determined that the damage was substantial and resulted from an environmental hazard such as earthquake, landslide, or flood.

Attached for reference is a summary of bids received for the project.

GOALS:

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

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

ATTACHMENTS:

Bid Summary

Saddletree Tank Rehabilitation Project

Owner: Las Virgenes Municipal Water District

Bid Opening: 1/22/2016

* marks an allowance

Engineer's Estimate

Crosno Construction, Inc.

Spless Construction Co., Inc.

Blastco, Inc.

Paso Robles Tank, Inc.

Item #	Description	Quantity	Unit of Measure	Engineer's Estimate		Bidder #1		Bidder #2		Bidder #3		Bidder #4	
				Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total
1	MOBILIZATION, INCLUDING SCHEDULE	1	LS		\$20,000.00		\$19,500.00		\$11,000.00		\$8,300.00		\$15,174.00
2	BONDS AND INSURANCE	1	LS		\$10,000.00		\$8,600.00		\$5,730.00		\$8,164.00		\$3,646.75
3	SHEETING, SHORING, AND WORKER PROTECTION	1	LS		\$5,000.00		\$500.00		\$1,000.00		\$1,650.00		\$5,700.00
4	INTERIOR COATING - PER SECTION 09971, TOTAL REMOVAL AND REPLACEMENT	1	LS		\$95,000.00		\$92,450.00		\$67,500.00		\$64,500.00		\$67,265.15
5	EXTERIOR COATING - PER SECTION 09973, TOTAL REMOVAL AND REPLACEMENT	1	LS		\$85,000.00		\$60,650.00		\$59,000.00		\$59,250.00		\$31,045.46
6	SIDE VENT REPAIR	9	EA	\$600.00	\$5,400.00	\$1,055.00	\$9,495.00	\$1,110.00	\$9,990.00	\$972.00	\$8,748.00	\$425.00	\$3,825.00
7	INLET/OUTLET PIPING MODIFICATIONS	1	LS		\$18,000.00		\$44,800.00		\$12,000.00		\$11,850.00		\$17,000.00
8	FRP LADDER	1	EA	\$1.00	\$10,000.00	\$10,000.00	\$10,000.00	\$11,000.00	\$11,000.00	\$7,280.00	\$7,280.00	\$12,000.00	\$12,000.00
9	SAMPLING PORT	1	EA	\$1.00	\$1,500.00	\$1,600.00	\$1,600.00	\$2,000.00	\$2,000.00	\$1,850.00	\$1,850.00	\$3,000.00	\$3,000.00
10	REPAINT EXISTING ABOVE GROUND PIPING WHICH IS CONNECTED TO THE TANKS (I.E. INLET/OUTLET PIPING, OVERFLOW PIPING)	1	LS		\$2,500.00		\$1,500.00		\$4,000.00		\$1,000.00		\$4,000.00
11	RING SEAL	1	LS		\$1,600.00		\$1,000.00		\$3,900.00		\$1,000.00		\$3,150.00
12	AC CRACK SEAL AND SLURRY COAT	4,636	SQ FT	\$0.50	\$2,318.00	\$1.02	\$4,728.72	\$2.50	\$11,590.00	\$1.00	\$4,636.00		\$7,232.16
13	PROVIDE 50,000 GALLONS TEMPORARY STORAGE - DISTRICT OWNED 10,000 GALLONS PE TANKS MAY BE USED.	1	LS		\$70,000.00		\$47,800.00		\$100,300.00		\$62,000.00		\$52,490.00
14	DE-HUMIDIFICATION 24-HOURS PER DAY UNINTERRUPTED OPERATION	1	LS		\$10,000.00		\$14,500.00		\$19,400.00		\$22,540.00		\$12,096.00
15	EXPANSION JOINT AND VALVE REPLACEMENT	1	LS		\$12,000.00		\$20,800.00		\$28,950.00		\$26,100.00		\$46,650.00
16	BOLLARDS	4	EA	\$1,500.00	\$6,000.00	\$1,000.00	\$4,000.00	\$410.00	\$1,640.00	\$1,070.00	\$4,280.00	\$500.00	\$2,000.00
17	FENCING	1	LS		\$12,000.00		\$16,400.00		\$18,300.00		\$38,900.00		\$10,700.00
18	CATHODIC PROTECTION	1	LS		\$15,000.00		\$9,070.00		\$10,750.00		\$8,102.00		\$15,100.00
19	MISCELLANEOUS STRUCTURAL REPAIRS	1	LS		\$10,000.00		\$10,000.00		\$10,000.00		\$10,000.00		\$10,000.00
	Bid Total				\$391,318.00		\$377,393.72		\$388,050.00		\$350,150.00		\$322,074.52
OPTIONS				Engineer's Estimate		Bidder #1		Bidder #2		Bidder #3		Bidder #4	
Item #	Description	Quantity	Unit of Measure	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total	Unit Price	Item Total
1	SUBMERGED TANK MIXER	1	LS		\$30,000.00		\$39,300.00		\$40,750.00		\$50,000.00		\$33,000.00
2	OMEGA TANK VENT	1	LS		\$10,000.00		\$10,200.00		\$8,500.00		\$16,350.00		\$9,600.00
	Options Total				\$40,000.00		\$49,500.00		\$49,250.00		\$66,350.00		\$42,600.00
TOTAL BID AMOUNT					\$431,318.00		\$426,893.72		\$437,300.00		\$416,500.00		\$364,674.52



February 9, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject : Rancho Las Virgenes Composting Facility: Replacement of Loader

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 of Directors for action, as Administering Agent of the JPA, as authorized under the JPA Agreement.

The Rancho Las Virgenes Composting Facility utilizes Vehicle No. 710, a Volvo L70 rubber-tire loader to move materials around the facility and load customers with finished compost. This piece of equipment was purchased when the composting facility first came into service in 1994. The loader has come to the end of its service life as the repair frequency has increased and parts are difficult to obtain, creating increased downtime and rental costs.

To offset the cost to replace the loader, staff applied for and received a grant for partial reimbursement of the purchase cost from the South Coast Air Quality Management District's Carl Moyer Program, in the amount of \$38,936. The Carl Moyer Program was established fund the replacement of old equipment that results in the reduction of air pollution emissions. The Carl Moyer Program grant contract specifies that a John Deere 444K rubber-tire loader replace the existing Volvo L70 loader to meet the new Tier IV requirements for engine emissions. Coastline Equipment Company is the proprietary John Deere dealer responsible for the JPA's territory.

RECOMMENDATION(S):

Authorize the General Manager to issue a purchase order to Coastline Equipment Company of Oxnard, in the amount of \$163,336.50, for a John Deere 444K 4WD loader and execute Carl Moyer Program Contract No. 16169 for \$38,936 in grant funding; and declare Vehicle No. 710, the existing Volvo L70 loader, as surplus equipment for disposal in accordance with the grant requirements.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

The adopted Fiscal Year 2015-16 JPA Budget provides sufficient funding under CIP Job No. 10570 in the amount of \$180,000 for the new loader. No additional appropriation is required. The total cost of the loader is \$163,336.50, which is partially offset by a \$38,936 grant, for a net cost of \$124,400.50.

DISCUSSION:

Another requirement of the Carl Moyer Program contract is that the Volvo loader “*must be destroyed and rendered permanently unusable and irreparable*” using specified methods and requirements. The loader must have a 6-inch hole bored into the engine block, and the frame is to be cut to render it useless. Photo documentation is required along with a certified letter of destruction. Because of this requirement, staff proposes to use Can-Am Truck and Auto Dismantling of Ontario, a firm experienced in the certified destruction of equipment under the Carl Moyer Program and an approved Proposition 1B Certified Dismantler. The JPA will need to pay for the transport of the loader to the Can-Am facility and will receive scrap value for it after destruction.

Attached for reference are photos of the existing and proposed new loaders, the Coastline Equipment Company quotation, and Carl Moyer Program Contract No. 16169. The new loader is quoted with a Tink Roll Out bucket and 5-year or 5,000-hour powertrain warranty.

GOALS:

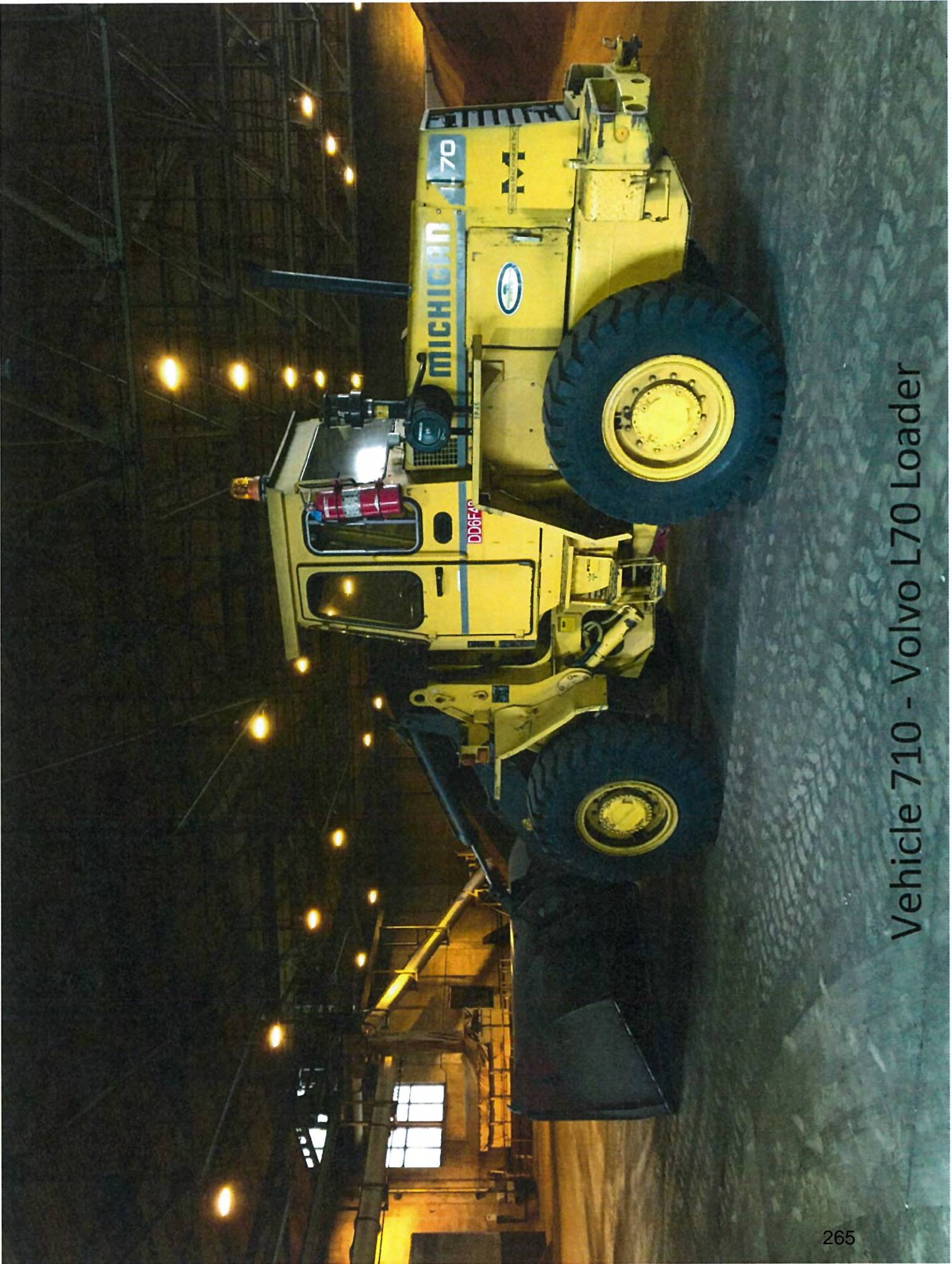
Construct, Manage and Maintain All Facilities and Provide Services to Assure System Reliability and Environmental Compatibility

The new loader replaces an asset that has reached the end of its useful life and meets new strict air pollution standards.

Prepared by: Brett Dingman, Water Reclamation Manager

ATTACHMENTS:

- Photo of Existing Volvo Loader
- Photo of Proposed John Deere Loader
- Coastline Equipment Company Quotation
- SCAQMD Carl Moyer Program Contract No. 16169



Vehicle 710 - Volvo L70 Loader



John Deere 444K

Quote Id: 12702964

Prepared For:
LAS VIRGENES MUN WTR DIST



Prepared By: **JAMES DAVIS**

Coastline Equipment Company
1930 Lockwood Street
Oxnard, CA 93036

Tel: 805-485-2106

Fax: 805-485-7963

Email: jim.davis@coastlineequipment.com

Date: 27 January 2016

Offer Expires: 29 February 2016

Quote Summary

Prepared For:
 LAS VIRGENES MUN WTR DIST
 DARYL JOHNSON
 4232 Las Virgenes Rd
 Calabasas, CA 91302
 Business: 818-251-2236
 djohnson@lvmwd.com

Prepared By:
 JAMES DAVIS
 Coastline Equipment Company
 1930 Lockwood Street
 Oxnard, CA 93036
 Phone: 805-485-2106
 jim.davis@coastlineequipment.com

New 2016 John Deere 444K 4WD Loader - FT4 Engine

Quote Id: 12702964

New Tink R2036 Tink 3.5 YD Roll-Off Bucket

Created On: 27 January 2016

1 Year Unlimited Hour Full Machine Warranty - Standard

Last Modified On: 27 January 2016

5Y or 5,000 Hour Powertrain Warranty Adds \$3,025.00

Expiration Date: 29 February 2016

1 Year - 1,000 Hour Maintenance Plan Adds \$3,330.84

2 Year - 2,000 Hour Maintenance Plan Adds \$6,996.97

3 Year - 3,000 Hour Maintenance Plan Adds \$9,501.15

Extended Warranty and Preventative Maintenance Plans are Optional

Delivery : 90 Days or Sooner

Terms: Net Due in 30 Days

Equipment Summary	Selling Price	Qty	Extended
JOHN DEERE 444K LOADER	\$ 149,850.00 X	1 =	\$ 149,850.00
Equipment Total			\$ 149,850.00

Quote Summary

Equipment Total	\$ 149,850.00
SubTotal	\$ 149,850.00
Sales Tax - (9.00%)	\$ 13,486.50
Total	\$ 163,336.50
Down Payment	(0.00)
Rental Applied	(0.00)
Balance Due	\$ 163,336.50

Salesperson : X _____

Accepted By : X _____ 268

Selling Equipment

Quote Id: 12702964

Customer: LAS VIRGENES MUN WTR DIST

JOHN DEERE 444K LOADER

Hours:
Stock Number:

Code	Description	Qty
7540T	444K LOADER	1
Standard Options - Per Unit		
0810	444K Standard Gathering Group	1
0924	John Deere PowerTech PSS 4.5L meets EPA FT4 and EU Stage IV Emissions (124 Net Peak hp)	1
1110	4-Speed Transmission	1
1211	100 amp Alternator - FT4	1
1330	Engine Exhaust with Chrome Curved Stack	1
1430	Air Intake System with Centrifugal Precleaner Engine	1
1520	Reversing Fan Drive	1
1610	Standard Fuel Filter & Water Separator	1
1700	JDLINK Ultimate Cellular for the Americas, excluding Costa Rica	1
1915	NeverGrease Steering Cylinder Joints	1
2010	Standard Z-BAR	1
2220	Standard Fabric, Back Rest Extension, Air Suspension Seat	1
2434	3 Function -- Joystick with 3rd Function Auxiliary Control Lever and Steering Column FNR	1
2510	Ride Control	1
2605	English Labels and Decals	1
2708	24 Volt to 12 Volt - 8 Amp Converter	1
2890	No Payload Scale	1
3046	Front Hydraulically Locking Differential and Rear Conventional Differential Axles	1
3120	Manual Axle Differential Lock	1
4112	17.5-25 12 PR L2 SGG Firestone Bias Tires on 1 pc. Rims	1
5530	Front Fenders	1
5610	Left Side Steps	1
7110	Halogen Work and Drive Lights	1
8220	Rear Cast Bumper/Counterweight with Rear Hitch and Locking Pin	1

Selling Equipment

Quote Id: 12702964

Customer: LAS VIRGENES MUN WTR DIST

8310	Standard Outside Mirrors	1
8422	ROPS Quiet Cab with Air Conditioning	1
8450	Cab with Air A/C Charge	1
8550	Bucket Pins Less Bucket	1
9043	Environmental Drains and Sampling Ports	1
9106	AM/FM/Weather Band (WB) Radio with Remote AUX Port	1
9420	Transmission Side Frame Guards	1
9430	Bottom Guards	1
Dealer Attachments		
	TINK R2036 3.5 Yard Roll-Off Bucket	1
Other Charges		
	Setup	1



Extended Warranty Proposal

JOHN DEERE 444K LOADER

Date : January 27, 2016

Machine/Use Information		Plan Description		Price	
Manufacturer	JOHN DEERE	Application	Governmental	Deductible	\$ 0.00
Equipment Type	444KXT	Coverage	Secure Powertrain	List	\$ 0.00
Model	444KXT	Total Months	60		
Country		Total Hours	5000		

Extended Warranty is available only through authorized John Deere Dealers for John Deere Products, and may be purchased at any time before the product's Standard Warranty, or Extended Warranty expires.

Extended Warranty Proposal Prepared for:

I have been offered this extended warranty and

Customer Name - Please Print

I ACCEPT the Extended Warranty

I DECLINE the Extended Warranty

Customer Signature

If declined, I fully understand that any equipment listed above is not covered for customer expenses due to component failures beyond the original basic warranty period provided by John Deere.

Note : This is **not** a contract. For specific Extended Warranty coverage terms and conditions, please refer to the actual Extended Warranty contract for more information and the terms, conditions and limitations of the agreement.

What Extended Warranty is :

The Extended Warranty Program is for the reimbursement on parts and labor for covered components that fail due to faulty material or original workmanship that occur beyond the John Deere Basic Warranty coverage period. The agreement is between Deere & Company and the owners of select John Deere Construction and Forestry equipment, who purchase the Extended Warranty Plans for the desired coverage as indicated in this proposal.

What Extended Warranty is not :

Extended Warranty is not insurance. It also does not cover routine maintenance or high wear items, or insurance-related risks/perils such as collision, overturn, vandalism, wind, fire, hail, etc. It does not cover loss of income during or after an equipment failure. See the actual product-specific Extended Warranty agreement for a complete listing of covered components, and limitations and conditions under the program.

Features/Benefits:

- Extended Warranty includes the following features and benefits under the program :
- Pays for parts and labor costs incurred on failed covered components (less any applicable deductibles),
- Does not require pre-approval before repairs are made by the authorized John Deere dealership,
- Payments are reimbursed directly to the dealership with no prepayment required by the contract holder.



250 Hour Service

Service Actions

- Change axle oil filter(s)
- Change front axle housing oil
- Change rear axle housing oil
- Check engine coolant level
- Check hydraulic oil level
- Check transmission oil level
- Clean engine air intake system
- Lubricate linkage & pivot points
- Test engine oil

500 Hour Service

Service Actions

- Lubricate universal joints & shafts
- Change fuel filter(s)
- Change hydraulic reservoir breather
- Change in-line fuel strainer
- Check accumulator charge pressure
- Check battery electrolyte level & tighten terminals
- Check engine coolant level
- Check front axle housing
- Check hydraulic oil level
- Check park brake oil level
- Check transmission oil level
- Clean engine air intake system
- Lubricate axle shaft seals
- Lubricate linkage & pivot points
- Lubricate shaft seals on park brake
- Change engine oil & filter element
- Test engine oil
- Test front axle differential oil
- Test hydraulic oil
- Test rear axle oil
- Test transmission oil

1000 Hour Service

Service Actions

- Change air cleaner element(s)
- Change axle oil filter(s)
- Change cab air & recirculation filters
- Change dust unloader valve
- Replace fuel tank breather
- Change fuel filter(s)
- Change hydraulic reservoir breather
- Change in-line fuel strainer
- Check accumulator charge pressure
- Check battery electrolyte level & tighten terminals
- Check coolant & add conditioner or extender
- Check engine coolant level
- Check front axle housing oil
- Check hydraulic oil level
- Check transmission oil level
- Clean engine air intake system
- Drain & refill park brake oil
- Lubricate axle shaft seals
- Lubricate frame hinge pivots
- Lubricate linkage & pivot points
- Lubricate shaft seals on park brake
- Lubricate universal joints & shafts
- Remove & clean engine crankcase vent tube
- Change engine oil & filter element
- Test engine oil
- Test front axle differential oil
- Test hydraulic oil
- Test rear axle oil
- Test transmission oil

** Includes All Parts, Labor, Disposal Fees
And Travel Charges To Jobsites **

In Los Angeles, Orange, Ventura, Santa Barbara,
San Luis Obispo & Kern Counties

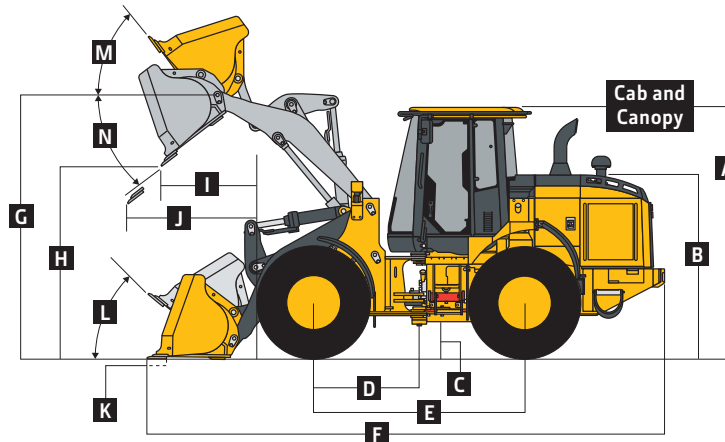
444K

Engine		
444K Z-BAR / HIGH-LIFT / POWERLEL™		
Manufacturer and Model	John Deere PowerTech™ PSS 4045	John Deere PowerTech™ E 4045H
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV	EPA Tier 3/EU Stage IIIA
Cylinders	4	4
Valves Per Cylinder	4	2
Displacement	4.5 L (276 cu. in.)	4.5 L (276 cu. in.)
Net Peak Power (ISO 9249)	92 kW (124 hp) at 2,100 rpm	92 kW (124 hp) at 2,100 rpm
Net Peak Torque (ISO 9249)	507 Nm (374 lb.-ft.) at 1,000 rpm	507 Nm (374 lb.-ft.) at 1,000 rpm
Net Torque Rise	34%	36%
Fuel System (electronically controlled)	High-pressure common rail	High-pressure common rail
Lubrication	Full-flow spin-on filter and integral cooler	Full-flow spin-on filter and integral cooler
Aspiration	Turbocharged, charge air cooled	Turbocharged, charge air cooled
Air Cleaner	Under-hood, dual-element dry type, restriction indicator in cab monitor for service	
Cooling		
Fan Drive	Hydraulically driven, proportionally controlled, fan aft of coolers	
Electrical		
Electrical System	24 volt with 100-amp (130-amp optional) alternator	24 volt with 80-amp (100-amp optional) alternator
Batteries (2 – 12 volt)	950 CCA (each)	950 CCA (each)
Transmission System		
Type	Countershaft-type PowerShift™	
Torque Converter	Single stage, single phase	
Shift Control	Electronically modulated, adaptive, load and speed dependent	
Operator Interface	Steering-column or joystick-mounted F-N-R and gear-select lever; kick-down button on hydraulic lever	
Shift Modes	Manual/auto (1st–D or 2nd–D); Quick-Shift button with 2 selectable modes: kick-down or kick-up/down; and 3 adjustable clutch-cutoff settings	
Maximum Travel Speeds (with 17.5 R 25 tires)	<i>Forward</i>	<i>Reverse</i>
Range 1	7.3 km/h (4.5 mph)	7.6 km/h (4.7 mph)
Range 2	12.1 km/h (7.5 mph)	13.0 km/h (8.1 mph)
Range 3	23.1 km/h (14.4 mph)	24.2 km/h (15.0 mph)
Range 4	36.0 km/h (22.4 mph)	N/A
Axles/Brakes		
Final Drives	Heavy-duty midboard planetary	
Differentials	Hydraulic locking front with conventional rear – standard; dual locking front and rear – optional	
Rear Axle Oscillation, Stop to Stop (with 17.5 R 25 tires)	24 deg. (12 deg. each direction)	
Service Brakes (conform to ISO 3450)	Outboard, forced oil cooled, multi disc	
Parking Brakes (conform to ISO 3450)	Automatic spring applied, hydraulically released, driveline mounted, sealed wet multi disc	
Tires/Wheels (see page 20 for complete tire adjustments)		
	<i>Tread Width</i>	<i>Width Over Tires</i>
Michelin 17.5 R 25, 1 Star L-3	1900 mm (74.8 in.)	2415 mm (95.1 in.)
Serviceability		
Refill Capacities	EPA FT4/EU Stage IV	EPA Tier 3/EU Stage IIIA
Fuel Tank (with lockable cap)	220 L (60 gal.)	220 L (60 gal.)
Cooling System	19 L (20 qt.)	19 L (20 qt.)
Diesel Exhaust Fluid (DEF)	19 L (20 qt.)	N/A
Engine Oil with Vertical Spin-On Filter	14.5 L (15.3 qt.)	17.5 L (18.5 qt.)
Transmission Reservoir with Vertical Filter	18.5 L (19.5 qt.)	18.5 L (19.5 qt.)
Axle Oil (front and rear, each)	22 L (23 qt.)	22 L (23 qt.)
Hydraulic Reservoir and Filter	118.7 L (31.4 gal.)	92 L (24.3 gal.)
Park Brake Oil (wet disc)	0.3 L (10 oz.)	0.3 L (10 oz.)
Hydraulic System/Steering		
Pump (loader and steering)	Variable-displacement, axial-piston pump; closed-center, pressure-compensating system	
Maximum Rated Flow at 6895 kPa (1,000 psi) and 2,350 rpm	140 L/m (37 gpm)	
System Relief Pressure (loader and steering)	24 821 kPa (3,600 psi)	
Loader Controls	2-function valve; joystick control or fingertip controls; hydraulic-function enable/disable; optional 3rd- and 4th-function valve with auxiliary lever	
Steering (conforms to ISO 5010)	Steering-column-mounted, twist-grip shift lever; Quick-Shift button on hydraulic lever	
Type	Power, fully hydraulic	
Articulation Angle	80-deg. arc (40 deg. each direction)	
Turning Radius (measured to centerline of outside tire)	4.74 m (15 ft. 7 in.)	



Hydraulic System/Steering <i>(continued)</i>	444K Z-BAR / HIGH-LIFT / POWERLIFT	
Hydraulic Cycle Times	Z-Bar / High-Lift	Powerlift
Raise	5.9 sec.	5.3 sec.
Dump	1.0 sec.	1.1 sec.
Lower (float down)	2.4 sec.	1.9 sec.
Total	9.3 sec.	8.3 sec.

Dimensions and Specifications with Pin-On Bucket



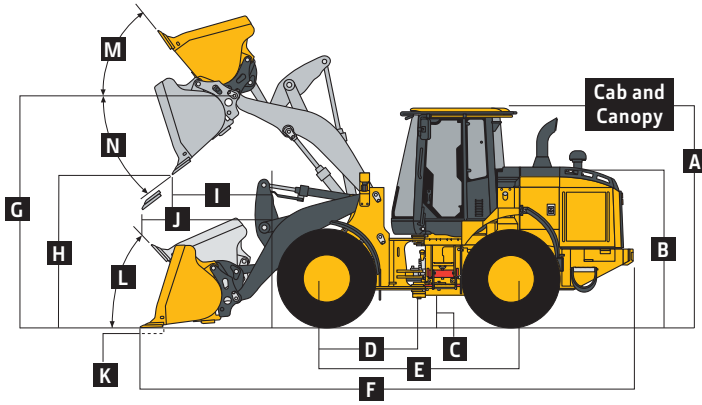
444K Z-BAR AND HIGH-LIFT LOADERS WITH PIN-ON BUCKET

	Z-Bar	High-Lift
Dimensions with Bucket	1.9-m ³ (2.5 cu. yd.) general-purpose with bolt-on edge	1.9-m ³ (2.5 cu. yd.) general-purpose with bolt-on edge
A Height to Top of Cab and Canopy	3.17 m (10 ft. 5 in.)	3.17 m (10 ft. 5 in.)
B Hood Height	2.27 m (7 ft. 5 in.)	2.27 m (7 ft. 5 in.)
C Ground Clearance	393 mm (15.5 in.)	393 mm (15.5 in.)
D Length from Centerline to Front Axle	1.37 m (4 ft. 6 in.)	1.37 m (4 ft. 6 in.)
E Wheelbase	2.76 m (9 ft. 6 in.)	2.76 m (9 ft. 6 in.)
F Overall Length, Bucket on Ground	6.86 m (22 ft. 6 in.)	7.20 m (23 ft. 7 in.)
G Height to Hinge Pin, Fully Raised	3.60 m (11 ft. 10 in.)	3.99 m (13 ft. 1 in.)
H Dump Clearance, 45 deg., Full Height	2.67 m (8 ft. 9 in.)	3.03 m (9 ft. 11 in.)
I Reach, 45-deg. Dump, Full Height	1.04 m (3 ft. 5 in.)	1.04 m (3 ft. 5 in.)
J Reach, 45-deg. Dump, 2.13-m (7 ft. 0 in.) Clearance	1.44 m (4 ft. 9 in.)	1.74 m (5 ft. 9 in.)
K Maximum Digging Depth	105 mm (4.1 in.)	105 mm (4.1 in.)
L Maximum Rollback at Ground Level	41 deg.	41 deg.
M Maximum Rollback, Boom Fully Raised	55 deg.	50 deg.
N Maximum Bucket Dump Angle, Fully Raised	50 deg.	45 deg.
Loader Clearance Circle, Bucket Carry Position	11.07 m (36 ft. 4 in.)	11.39 m (37 ft. 5 in.)
Specifications with Bucket		
Capacity, Heaped	1.9 m ³ (2.5 cu. yd.)	1.9 m ³ (2.5 cu. yd.)
Capacity, Struck	1.6 m ³ (2.1 cu. yd.)	1.6 m ³ (2.1 cu. yd.)
Bucket Weight with Bolt-On Cutting Edge	888 kg (1,958 lb.)	888 kg (1,958 lb.)
Bucket Width	2.54 m (8 ft. 4 in.)	2.54 m (8 ft. 4 in.)
Breakout Force	7960 kg (17,549 lb.)	7345 kg (16,193 lb.)
Tipping Load, Straight, No Tire Deflection	9263 kg (20,421 lb.)	7955 kg (17,538 lb.)
Tipping Load, Straight, with Tire Deflection	8736 kg (19,260 lb.)	7545 kg (16,634 lb.)
Tipping Load, 40-deg. Full Turn, No Tire Deflection	8080 kg (17,813 lb.)	6914 kg (15,243 lb.)
Tipping Load, 40-deg. Full Turn, with Tire Deflection	7437 kg (16,396 lb.)	6399 kg (14,107 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load, No Tire Deflection (conforms to ISO 14397-1)*	4040 kg (8,907 lb.)	3457 kg (7,621 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load, with Tire Deflection (conforms to ISO 14397-1)*	3718 kg (8,197 lb.)	3199 kg (7,053 lb.)
Operating Weight	11 350 kg (25,022 lb.)	11 538 kg (25,360 lb.)

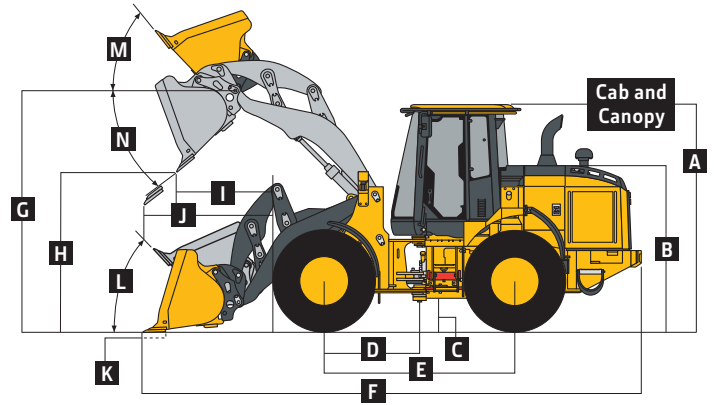
Loader operating information is based on machine with identified linkage and standard equipment, PowerTech PSS 4045 (EPA Final Tier 4/EU Stage IV) engine, ROPS cab, rear cast bumper/counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator. This information is affected by changes in tires, ballast, and different attachments.

*Rated operating capacity based on Deere attachments only.

Dimensions and Specifications with Hi-Vis Coupler and Hook-On Bucket **444K Z-BAR / HIGH-LIFT / POWERLLEL**



444K Z-BAR AND HIGH-LIFT LOADERS WITH QUICK-COUPLER AND HOOK-ON BUCKET

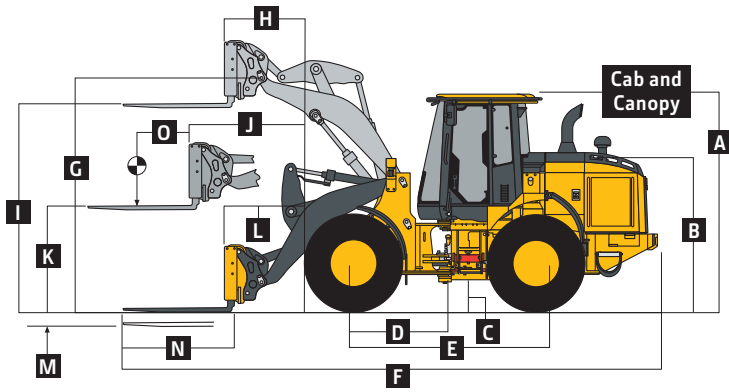


444K POWERLLEP LOADER WITH QUICK-COUPLER AND HOOK-ON BUCKET

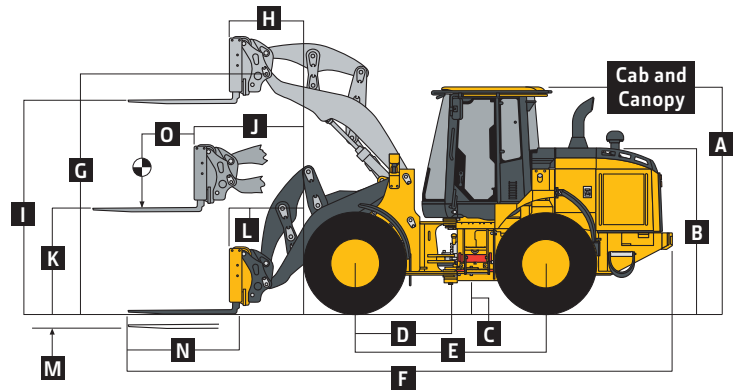
	Z-Bar	Z-Bar	High-Lift	High-Lift	Powerllep	Powerllep
Dimensions with Bucket	1.9-m ³ (2.5 cu. yd.) <i>general-purpose with bolt-on edge</i>	3.1-m ³ (4.0 cu. yd.) <i>light-material with bolt-on edge</i>	1.9-m ³ (2.5 cu. yd.) <i>general-purpose with bolt-on edge</i>	3.1-m ³ (4.0 cu. yd.) <i>light-material with bolt-on edge</i>	1.9-m ³ (2.5 cu. yd.) <i>general-purpose with bolt-on edge</i>	3.1-m ³ (4.0 cu. yd.) <i>light-material with bolt-on edge</i>
A Height to Top of Cab and Canopy	3.17 m (10 ft. 5 in.)	3.17 m (10 ft. 5 in.)	3.17 m (10 ft. 5 in.)	3.17 m (10 ft. 5 in.)	3.17 m (10 ft. 5 in.)	3.17 m (10 ft. 5 in.)
B Hood Height	2.27 m (7 ft. 5 in.)	2.27 m (7 ft. 5 in.)	2.27 m (7 ft. 5 in.)	2.27 m (7 ft. 5 in.)	2.27 m (7 ft. 5 in.)	2.27 m (7 ft. 5 in.)
C Ground Clearance	393 mm (15.5 in.)	393 mm (15.5 in.)	393 mm (15.5 in.)	393 mm (15.5 in.)	393 mm (15.5 in.)	393 mm (15.5 in.)
D Length from Centerline to Front Axle	1.37 m (4 ft. 6 in.)	1.37 m (4 ft. 6 in.)	1.37 m (4 ft. 6 in.)	1.37 m (4 ft. 6 in.)	1.37 m (4 ft. 6 in.)	1.37 m (4 ft. 6 in.)
E Wheelbase	2.76 m (9 ft. 6 in.)	2.76 m (9 ft. 1 in.)	2.76 m (9 ft. 6 in.)	2.76 m (9 ft. 1 in.)	2.76 m (9 ft. 6 in.)	2.76 m (9 ft. 1 in.)
F Overall Length, Bucket on Ground	7.05 m (23 ft. 1 in.)	7.31 m (23 ft. 11.8 in.)	7.38 m (24 ft. 3 in.)	7.63 m (25 ft. 0 in.)	7.15 m (23 ft. 5 in.)	7.40 m (24 ft. 3 in.)
G Height to Hinge Pin, Fully Raised	3.60 m (11 ft. 10 in.)	3.60 m (11 ft. 10 in.)	3.99 m (13 ft. 1 in.)	3.99 m (13 ft. 1 in.)	3.67 m (12 ft. 0 in.)	3.67 m (12 ft. 0 in.)
H Dump Clearance, 45 deg., Full Height	2.54 m (8 ft. 4 in.)	2.34 m (7 ft. 8 in.)	2.90 m (9 ft. 6 in.)	2.71 m (8 ft. 11 in.)	2.58 m (8 ft. 5 in.)	2.36 m (7 ft. 9 in.)
I Reach, 45-deg. Dump, Full Height	1.15 m (3 ft. 9 in.)	1.23 m (4 ft. 0 in.)	1.15 m (3 ft. 9 in.)	1.26 m (4 ft. 2 in.)	1.14 m (3 ft. 9 in.)	1.32 m (4 ft. 4 in.)
J Reach, 45-deg. Dump, 2.13-m (7 ft. 0 in.) Clearance	1.47 m (4 ft. 10 in.)	1.41 m (4 ft. 7.5 in.)	1.78 m (5 ft. 10 in.)	1.75 m (5 ft. 9 in.)	1.51 m (4 ft. 11 in.)	1.52 m (5 ft. 0 in.)
K Maximum Digging Depth	139 mm (5.0 in.)	258 mm (10.0 in.)	148 mm (5.8 in.)	258 mm (10.0 in.)	119 mm (4.7 in.)	260 mm (10.2 in.)
L Maximum Rollback at Ground Level	41 deg.	41 deg.	41 deg.	40 deg.	43 deg.	43 deg.
M Maximum Rollback, Boom Fully Raised	55 deg.	56 deg.	49 deg.	51 deg.	51 deg.	53 deg.
N Maximum Bucket Dump Angle, Fully Raised	50 deg.	49 deg.	45 deg.	45 deg.	50 deg.	48 deg.
Loader Clearance Circle, Bucket Carry Position	11.19 m (36 ft. 9 in.)	11.65 m (38 ft. 3 in.)	11.47 m (37 ft. 7 in.)	11.93 m (39 ft. 2 in.)	11.23 m (36 ft. 10 in.)	11.78 m (38 ft. 8 in.)
Specifications with Bucket						
Capacity, Heaped	1.9 m ³ (2.5 cu. yd.)	3.1 m ³ (4.0 cu. yd.)	1.9 m ³ (2.5 cu. yd.)	3.1 m ³ (4.0 cu. yd.)	1.9 m ³ (2.5 cu. yd.)	3.1 m ³ (4.0 cu. yd.)
Capacity, Struck	1.6 m ³ (2.1 cu. yd.)	2.59 m ³ (3.4 cu. yd.)	1.6 m ³ (2.1 cu. yd.)	2.59 m ³ (3.4 cu. yd.)	1.6 m ³ (2.1 cu. yd.)	2.59 m ³ (3.4 cu. yd.)
Bucket Weight with Bolt-On Cutting Edge	1290 kg (2,844 lb.)	1627 kg (3,587 lb.)	1290 kg (2,844 lb.)	1627 kg (3,587 lb.)	1262 kg (2,782 lb.)	1638 kg (3,611 lb.)
Bucket Width	2.54 m (8 ft. 4 in.)	2.89 m (9 ft. 6 in.)	2.54 m (8 ft. 4 in.)	2.89 m (9 ft. 6 in.)	2.54 m (8 ft. 4 in.)	2.89 m (9 ft. 6 in.)
Breakout Force	6659 kg (14,681 lb.)	5451 kg (12,017 lb.)	6136 kg (13,528 lb.)	5063 kg (11,162 lb.)	6056 kg (13,352 lb.)	5562 kg (12,262 lb.)
Tipping Load, Straight, No Tire Deflection	8320 kg (18,342 lb.)	7792 kg (17,178 lb.)	7136 kg (15,732 lb.)	6634 kg (14,625 lb.)	7272 kg (16,032 lb.)	6708 kg (14,788 lb.)
Tipping Load, Straight, with Tire Deflection	7839 kg (17,282 lb.)	7314 kg (16,125 lb.)	6756 kg (14,894 lb.)	6252 kg (13,783 lb.)	6879 kg (15,166 lb.)	6321 kg (13,935 lb.)
Tipping Load, 40-deg. Full Turn, No Tire Deflection	7209 kg (15,893 lb.)	6701 kg (14,773 lb.)	6151 kg (13,561 lb.)	5668 kg (12,496 lb.)	6270 kg (13,823 lb.)	5733 kg (12,639 lb.)
Tipping Load, 40-deg. Full Turn, with Tire Deflection	6615 kg (14,584 lb.)	6108 kg (13,466 lb.)	5676 kg (12,513 lb.)	5196 kg (11,455 lb.)	5778 kg (12,738 lb.)	5250 kg (11,574 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load, No Tire Deflection (conforms to ISO 14397-1)*	3604 kg (7,945 lb.)	3350 kg (7,385 lb.)	3076 kg (6,781 lb.)	2834 kg (6,248 lb.)	3135 kg (6,911 lb.)	2867 kg (6,321 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load, with Tire Deflection (conforms to ISO 14397-1)*	3307 kg (7,291 lb.)	3054 kg (6,733 lb.)	2838 kg (6,257 lb.)	2598 kg (5,728 lb.)	2889 kg (6,369 lb.)	2625 kg (5,787 lb.)
Operating Weight	11 752 kg (25,909 lb.)	12 088 kg (26,649 lb.)	11 940 kg (26,323 lb.)	12 277 kg (27,066 lb.)	12 412 kg (27,364 lb.)	12 748 kg (28,104 lb.)

Loader operating information is based on machine with identified linkage and standard equipment, PowerTech PSS 4045 (EPA Final Tier 4/EU Stage IV) engine, ROPS cab, rear cast bumper/counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator. This information is affected by changes in tires, ballast, and different attachments.

*Rated operating capacity based on Deere attachments only.



444K Z-BAR AND HIGH-LIFT LOADERS WITH QUICK-COUPLER
AND HOOK-ON CONSTRUCTION FORKS



444K POWERLLEL LOADER WITH QUICK-COUPLER
AND HOOK-ON CONSTRUCTION FORKS

	Z-Bar 1.22-m (48 in.) tine length	Z-Bar 1.52-m (60 in.) tine length	High-Lift 1.22-m (48 in.) tine length	High-Lift 1.52-m (60 in.) tine length	Powerllel 1.22-m (48 in.) tine length	Powerllel 1.52-m (60 in.) tine length
Dimensions with Forks						
A Height to Top of Cab and Canopy	3.17 m (10 ft. 5 in.)	3.17 m (10 ft. 5 in.)	3.17 m (10 ft. 5 in.)	3.17 m (10 ft. 5 in.)	3.17 m (10 ft. 5 in.)	3.17 m (10 ft. 5 in.)
B Hood Height	2.27 m (7 ft. 5 in.)	2.27 m (7 ft. 5 in.)	2.27 m (7 ft. 5 in.)	2.27 m (7 ft. 5 in.)	2.27 m (7 ft. 5 in.)	2.27 m (7 ft. 5 in.)
C Ground Clearance	393 mm (15.5 in.)	393 mm (15.5 in.)	393 mm (15.5 in.)	393 mm (15.5 in.)	393 mm (15.5 in.)	393 mm (15.5 in.)
D Length from Centerline to Front Axle	1.37 m (4 ft. 6 in.)	1.37 m (4 ft. 6 in.)	1.37 m (4 ft. 6 in.)	1.37 m (4 ft. 6 in.)	1.37 m (4 ft. 6 in.)	1.37 m (4 ft. 6 in.)
E Wheelbase	2.76 m (9 ft. 6 in.)	2.76 m (9 ft. 6 in.)	2.76 m (9 ft. 6 in.)	2.76 m (9 ft. 6 in.)	2.76 m (9 ft. 6 in.)	2.76 m (9 ft. 6 in.)
F Overall Length, Forks on Ground	7.45 m (24 ft. 5 in.)	7.77 m (25 ft. 6 in.)	7.79 m (25 ft. 7 in.)	8.09 m (26 ft. 6 in.)	7.52 m (24 ft. 8 in.)	7.82 m (25 ft. 8 in.)
G Height to Hinge Pin, Fully Raised	3.60 m (11 ft. 10 in.)	3.60 m (11 ft. 10 in.)	3.99 m (13 ft. 1 in.)	3.99 m (13 ft. 1 in.)	3.67 m (12 ft. 0 in.)	3.67 m (12 ft. 0 in.)
H Reach, Fully Raised	0.86 m (34 in.)	0.86 m (34 in.)	0.86 m (34 in.)	0.86 m (34 in.)	0.86 m (34 in.)	0.86 m (34 in.)
I Fork Height, Fully Raised	3.44 m (11 ft. 3 in.)	3.44 m (11 ft. 3 in.)	3.79 m (12 ft. 5 in.)	3.79 m (12 ft. 5 in.)	3.51 m (11 ft. 6 in.)	3.51 m (11 ft. 6 in.)
J Maximum Reach, Fork Level	1.57 m (5 ft. 2 in.)	1.57 m (5 ft. 2 in.)	1.84 m (6 ft. 0 in.)	1.84 m (6 ft. 0 in.)	1.63 m (5 ft. 4 in.)	1.63 m (5 ft. 4 in.)
K Fork Height, Maximum Reach	1.69 m (5 ft. 6 in.)	1.69 m (5 ft. 6 in.)	1.70 m (5 ft. 7 in.)	1.70 m (5 ft. 7 in.)	1.73 m (5 ft. 8 in.)	1.73 m (5 ft. 8 in.)
L Reach, Ground Level	0.97 m (3 ft. 2 in.)	0.97 m (3 ft. 2 in.)	1.31 m (4 ft. 4 in.)	1.31 m (4 ft. 4 in.)	0.96 m (3 ft. 2 in.)	0.96 m (3 ft. 2 in.)
M Depth Below Ground	107 mm (4.2 in.)	107 mm (4.2 in.)	16 mm (0.6 in.)	16 mm (0.6 in.)	2 mm (0.1 in.)	2 mm (0.1 in.)
N Tine Length	1.22 m (48 in.)	1.52 m (60 in.)	1.22 m (48 in.)	1.52 m (60 in.)	1.22 m (48 in.)	1.52 m (60 in.)
O Load Position, 50% Tine Length	0.61 m (24 in.)	0.76 m (30 in.)	0.61 m (24 in.)	0.76 m (30 in.)	0.61 m (24 in.)	0.76 m (30 in.)
Specifications with Forks						
Tipping Load, Straight, No Tire Deflection	6162 kg (13,585 lb.)	5806 kg (12,800 lb.)	5567 kg (12,273 lb.)	5263 kg (11,603 lb.)	5796 kg (12,778 lb.)	5472 kg (12,064 lb.)
Tipping Load, Straight, with Tire Deflection	5979 kg (13,181 lb.)	5637 kg (12,427 lb.)	5409 kg (11,925 lb.)	5118 kg (11,283 lb.)	5613 kg (12,374 lb.)	5301 kg (11,687 lb.)
Tipping Load, 40-deg. Full Turn, No Tire Deflection	5360 kg (11,817 lb.)	5044 kg (11,120 lb.)	4823 kg (10,633 lb.)	4554 kg (10,040 lb.)	5022 kg (11,072 lb.)	4734 kg (10,437 lb.)
Tipping Load, 40-deg. Full Turn, with Tire Deflection	5115 kg (11,277 lb.)	4818 kg (10,622 lb.)	4611 kg (10,165 lb.)	4359 kg (9,610 lb.)	4791 kg (10,562 lb.)	4512 kg (9,947 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load, with Tire Deflection (conforms to ISO 14397-1 and SAE J1197)*	2557 kg (5,637 lb.)	2409 kg (5,311 lb.)	2305 kg (5,082 lb.)	2179 kg (4,804 lb.)	2395 kg (5,280 lb.)	2256 kg (4,977 lb.)
Rated Operating Load, Rough Terrain, 60% Full-Turn Tipping Load, with Tire Deflection (conforms to EN474-3)*	3069 kg (6,766 lb.)	2891 kg (6,374 lb.)	2767 kg (6,100 lb.)	2615 kg (5,765 lb.)	2874 kg (6,336 lb.)	2707 kg (5,968 lb.)
Rated Operating Load, Firm and Level Ground, 80% Full-Turn Tipping Load, with Tire Deflection (conforms to EN474-3)*	4092 kg (9,021 lb.)	3854 kg (8,497 lb.)	3689 kg (8,133 lb.)	3487 kg (7,687 lb.)	3833 kg (8,450 lb.)	3610 kg (7,959 lb.)
Operating Weight	11 450 kg (25,243 lb.)	11 493 kg (25,338 lb.)	11 638 kg (25,657 lb.)	11 681 kg (25,752 lb.)	12 121 kg (26,722 lb.)	12 164 kg (26,817 lb.)

Loader operating information is based on machine with identified linkage and standard equipment, PowerTech PSS 4045 (EPA Final Tier 4/EU Stage IV) engine, ROPS cab, rear cast bumper/counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator. This information is affected by changes in tires, ballast, and different attachments.

*Rated operating capacity based on Deere attachments only.

Adjustments to Operating Weights and Tipping Loads with Buckets

444K Z-BAR / HIGH-LIFT / POWERLLEL

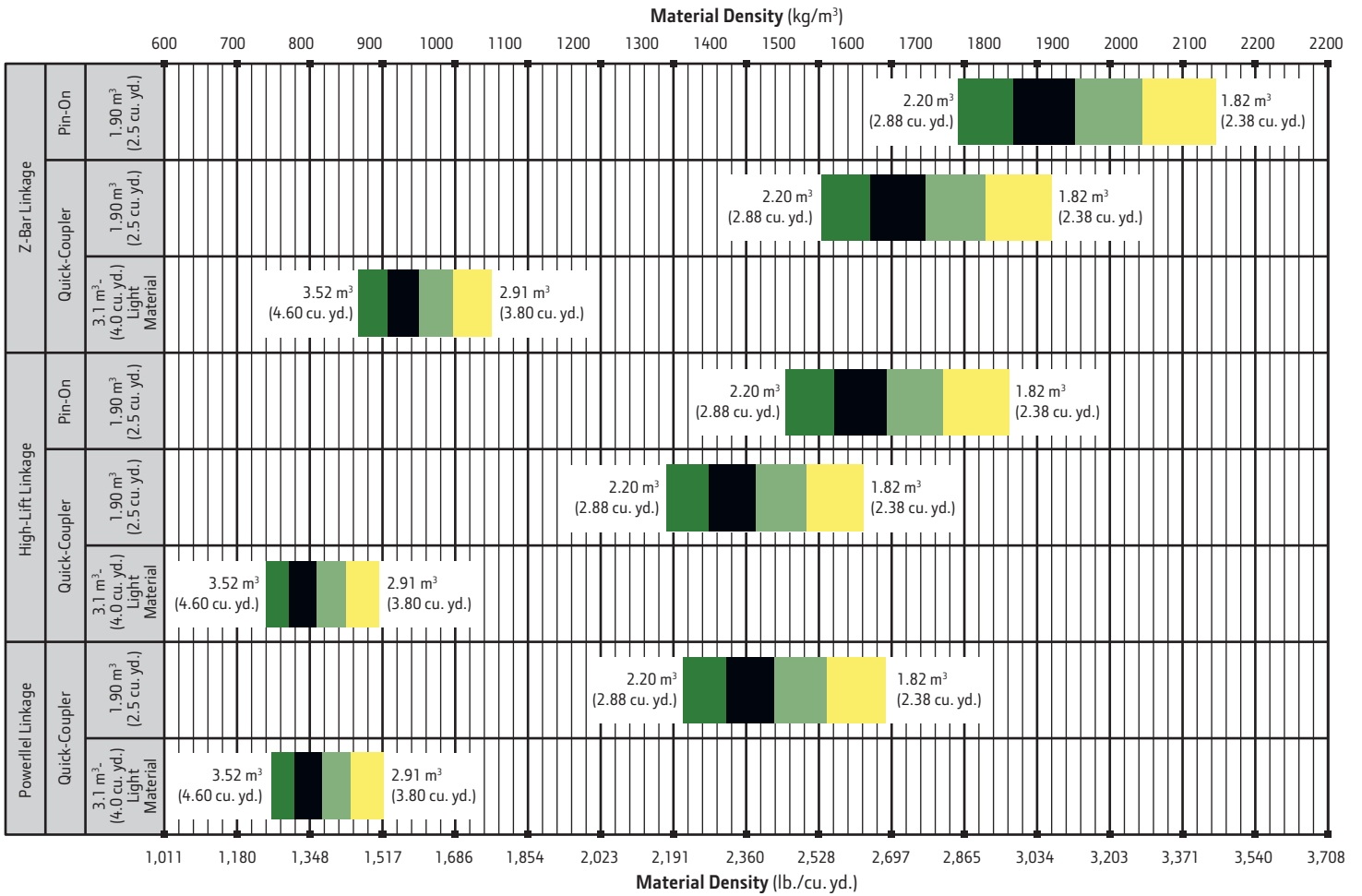
Adjustments to operating weights, tipping loads, and tires are based on Z-Bar machine with pin-on 1.9-m³ (2.5 cu. yd.) general-purpose bucket with bolt-on cutting edge, ROPS cab, rear cast bumper/counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator*

Add (+) or deduct (-) kg (lb.) as indicated for loaders with 3-piece rims	Operating Weight	Tipping Load,		Tread Width	Width Over Tires	Vertical Height
		Straight	40-deg. Full Turn			
John Deere PowerTech PSS 4045	0 kg (0 lb.)	0 kg (0 lb.)	0 kg (0 lb.)	N/A	N/A	N/A
John Deere PowerTech E 4045H						
Z-Bar	+63 kg (+139 lb.)	+277 kg (+610 lb.)	+222 kg (+489 lb.)	N/A	N/A	N/A
High-Lift	+24 kg (+53 lb.)	+157 kg (+346 lb.)	+123 kg (+271 lb.)	N/A	N/A	N/A
Michelin 17.5 R 25, 1 Star L-3	0 kg (0 lb.)	0 kg (0 lb.)	0 kg (0 lb.)	0 mm (0 in.)	0 mm (0 in.)	0 mm (0 in.)
Michelin 17.5 R 25, 1 Star L-2	-100 kg (-220 lb.)	-71 kg (-157 lb.)	-64 kg (-141 lb.)	0 mm (0 in.)	+10 mm (+0.4 in.)	-4 mm (-0.2 in.)
Bridgestone 17.5 R 25, 1 Star L-2	+32 kg (+71 lb.)	+23 kg (+50 lb.)	+20 kg (+44 lb.)	0 mm (0 in.)	+10 mm (+0.4 in.)	-4 mm (-0.2 in.)
Titan 17.5 R 25, 1 Star L-2	-32 kg (-71 lb.)	-23 kg (-50 lb.)	-20 kg (-44 lb.)	0 mm (0 in.)	+10 mm (+0.4 in.)	-4 mm (-0.2 in.)
Firestone 17.5-25, 12 PR L-3	-184 kg (-406 lb.)	-130 kg (-287 lb.)	-118 kg (-260 lb.)	0 mm (0 in.)	-9 mm (-0.4 in.)	+6 mm (+0.2 in.)
Firestone 17.5-25, 12 PR L-2	-176 kg (-388 lb.)	-125 kg (-275 lb.)	-113 kg (-249 lb.)	0 mm (0 in.)	-9 mm (-0.4 in.)	+5 mm (+0.2 in.)
Firestone 20.5-25, 12 PR L-2 [§]	+56 kg (+123 lb.)	+40 kg (+88 lb.)	+36 kg (+79 lb.)	+50 mm (+2 in.)	+124 mm (+4.9 in.)	+66 mm (+2.6 in.)
Titan 20.5-25, 12 PR L-2 [§]	+96 kg (+212 lb.)	+68 kg (+150 lb.)	+61 kg (+134 lb.)	+50 mm (+2 in.)	+124 mm (+4.9 in.)	+66 mm (+2.6 in.)
Michelin 20.5 R 25, 1 Star L-2 [§]	+204 kg (+450 lb.)	+145 kg (+320 lb.)	+130 kg (+287 lb.)	+50 mm (+2 in.)	+118 mm (+4.6 in.)	+58 mm (+2.3 in.)
Bridgestone 20.5 R 25, 1 Star L-2 [§]	+296 kg (+653 lb.)	+211 kg (+464 lb.)	+189 kg (+417 lb.)	+50 mm (+2 in.)	+118 mm (+4.6 in.)	+58 mm (+2.3 in.)
Titan 20.5 R 25, 1 Star L-2 [§]	+276 kg (+608 lb.)	+196 kg (+433 lb.)	+176 kg (+388 lb.)	+50 mm (+2 in.)	+118 mm (+4.6 in.)	+58 mm (+2.3 in.)
Michelin 20.5 R 25 L2 Sno-Plus [§]	+260 kg (+573 lb.)	+185 kg (+408 lb.)	+163 kg (+359 lb.)	+50 mm (+2 in.)	+86 mm (+3.4 in.)	+63 mm (+2.5 in.)
CaCl ₂ in 17.5-25 Rear Tires, 75% Fill	+537 kg (+1,183 lb.)	+639 kg (+1,409 lb.)	+564 kg (+1,243 lb.)	N/A	N/A	N/A

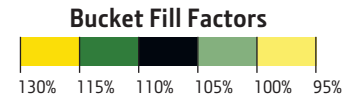
*May change based on vehicle configuration, weight, or tire-pressure adjustments.

[§]CaCl₂ not recommended.

[§]Requires 8-deg. rear axle stops.



LOOSE MATERIALS	kg/m³	lb./cu. yd.	LOOSE MATERIALS	kg/m³	lb./cu. yd.
Chips, pulpwood	288	486	Limestone, coarse, sized	1570	2,646
Cinders (coal, ashes, clinkers)	673	1,134	Limestone, mixed sizes	1682	2,835
Clay and gravel, dry	1602	2,700	Limestone, pulverized or crushed	1362	2,295
Clay, compact, solid	1746	2,943	Sand, damp	2083	3,510
Clay, dry in lump loose	1009	1,701	Sand, dry	1762	2,970
Clay, excavated in water	1282	2,160	Sand, voids, full of water	2083	3,510
Coal, anthracite, broken, loose	865	1,458	Sandstone, quarried	1314	2,214
Coal, bituminous, moderately wet	801	1,350	Shale, broken crushed	1362	2,295
Earth, common loam, dry	1218	2,052	Slag, furnace granulated	1955	3,294
Earth, mud, packed	1843	3,105	Stone or gravel, 37.5 to 87.5-mm (1.5 to 3.5") size	1442	2,430
Granite, broken	1538	2,592	Stone or gravel, 18.75-mm (3/4") size	1602	2,700
Gypsum	2275	3,834			





South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

January 06, 2016

Joseph Lillio
Las Virgenes Municipal Water District
1432 La Virgenes Road
Calabasas, CA 91302

Carl Moyer Contract # 16169

Dear Mr. Lillio:

Enclosed are two originals of the above-mentioned agreement between SCAQMD and Las Virgenes Municipal Water District for the replacement of 1 off-road vehicle for \$38,936 under the FY 2013-14/Year 17 Carl Moyer Program.

Please review the contract, have your authorized representative sign the originals, initial Clause 20 – “Payment”, and return them **both** to my attention for further contract processing. In addition, please provide certificate of insurance in accordance to Clause 8 of the contract.

If you have any questions or concerns regarding the contract, please contact Von Loveland at (909) 396-3063.

Sincerely,

A handwritten signature in black ink that reads "Marjorie Eaton".

Marjorie Eaton
Contracts Administration
Science & Technology Advancement
(909) 396-3036
meaton@aqmd.gov

Enclosures
Federal Express



This Contract consists of 17 pages.

1. PARTIES - The parties to this Contract are the South Coast Air Quality Management District (referred to here as "SCAQMD") whose address is 21865 Copley Drive, Diamond Bar, California 91765-4178, and Las Virgenes Municipal Water District (referred to here as "CONTRACTOR") whose address is 4232 Las Virgenes Road, Calabasas, California 91302.
2. RECITALS
 - A. SCAQMD is the local agency with primary responsibility for regulating stationary source air pollution within the geographical boundaries of the South Coast Air Quality Management District in the State of California. SCAQMD is authorized to enter into this Contract under California Health and Safety Code Section 40489. Through this Carl Moyer Program-funded Contract, the parties desire to fund the incremental costs of certain cleaner-than-required equipment in order to generate cost-effective and surplus air emission reductions within the geographical boundaries of the South Coast Air Quality Management District. Accordingly, SCAQMD desires to contract with CONTRACTOR for the project described in Attachment 1 - Statement of Work, attached here and made a part here by reference.
 - B. CONTRACTOR is authorized to do business in the State of California and attests that it is in good tax standing with the California Franchise Tax Board.
 - C. All parties to this Contract have had the opportunity to have this Contract reviewed by their attorney.
 - D. "Equipment," as used in this Contract, means the equipment described in Attachment 1 – Statement of Work and funded in whole or in part by the Carl Moyer Program, which may include, but is not limited to, trucks, engines, marine vessels, retrofit devices, electrification infrastructure, cargo handling equipment and/or locomotives, as applicable.
3. PERFORMANCE REQUIREMENTS
 - A. CONTRACTOR agrees to obtain and maintain the required licenses, permits, and all other appropriate legal authorizations from all applicable federal, state and local jurisdictions and pay all applicable fees. CONTRACTOR further agrees to immediately notify SCAQMD in writing of any change in its licensing status which has a material impact on the CONTRACTOR's performance under this Contract.
 - B. CONTRACTOR shall submit reports to SCAQMD as outlined in Attachment 1 - Statement of Work. All reports shall be submitted in an environmentally friendly format: recycled paper; stapled, not bound; black and white, double-sided print; and no three-ring, spiral, or plastic binders or cardstock covers. SCAQMD reserves the right to review, comment, and request changes to any report produced as a result of this Contract.
 - C. CONTRACTOR shall perform all tasks set forth in Attachment 1 - Statement of Work, and shall not engage, during the term of this Contract, in any performance of work that is in direct or indirect conflict with duties and responsibilities set forth in Attachment 1 - Statement of Work.
 - D. CONTRACTOR must ensure that the Equipment to be purchased or installed is in compliance with all applicable federal, state, and local air quality rules and regulations, and that it will maintain compliance for the full Contract term.
 - E. CONTRACTOR shall require its subcontractors to abide by the requirements set forth in this Contract.

4. TERM - The term of this Contract is from the date of execution by both parties, which is the effective date of this Contract, to December 31, 2021, unless further extended by amendment of this Contract in writing. No work shall commence until this Contract is fully executed by all parties. CONTRACTOR assumes all financial risk and is in no way guaranteed Carl Moyer Program funds for work done prior to the effective date of this Contract. The Contract term above encompasses both the project completion and project implementation periods, as described below, to ensure that the SCAQMD and the California Air Resources Board ("CARB") can fully enforce the terms of this Contract during the life of this Carl Moyer Program-funded project.
 - A. Project Completion – Project completion is the time frame starting with the date of Contract execution by both parties to the date the project post-inspection confirms that the project has become operational. This includes the time period when the Equipment described in Attachment 1 - Statement of Work is ordered, delivered and installed.
 - B. Project Implementation - The project implementation time frame is the second part of the Contract term and equals the project life, which is the number of years that the Equipment must operate as specified in the Attachment 1 – Statement of Work to obtain surplus emissions reductions that are cost-effective. CONTRACTOR is required to operate and maintain the Carl Moyer Program-funded Equipment according to the terms of this Contract for the full project implementation period.

5. TIME PERIOD FOR CONTRACT EXECUTION - This Contract must be signed by the CONTRACTOR and received by SCAQMD within sixty (60) days from the receipt of the Contract by the CONTRACTOR. Failure to timely sign and return the Contract to SCAQMD may result in the withdrawal of the award. Time is of the essence in executing this Contract.

6. TERMINATION
 - A. CONTRACTOR's failure to comply with any term or condition of this Contract shall constitute a material breach of this Contract. The SCAQMD will either notify the CONTRACTOR that it must timely cure this breach, or provide ten (10) days' written notification of SCAQMD's intention to terminate this Contract and invoke the penalties under Clause 6.D. The SCAQMD reserves all rights under law and equity to enforce this Contract or to recover damages.
 - B. Notwithstanding sub-Clause 6A, this Contract may be terminated without penalty prior to completion of the Contract term if the Equipment becomes inoperable through mechanical failure of components or systems and cannot be repaired or replaced and such failure is not caused by CONTRACTOR's negligence, misuse or malfeasance. CONTRACTOR shall submit written documentation supporting any basis for early termination under this sub-Clause for the approval of SCAQMD.
 - C. SCAQMD reserves the right to terminate this Contract, in whole or in part without cause upon thirty (30) days' written notice. Once such notice has been given, CONTRACTOR shall, except as otherwise directed by SCAQMD, discontinue any work being performed under this Contract and cancel all of CONTRACTOR'S orders in connection with such work, and shall use its best efforts to terminate existing subcontracts upon terms satisfactory to the SCAQMD. Thereafter, CONTRACTOR shall perform only such services as may be necessary to preserve and protect any work already in progress and to dispose of any property as requested by SCAQMD. CONTRACTOR shall also promptly deliver to SCAQMD all copies of documentation and other information and data prepared or developed by CONTRACTOR under this Contract. CONTRACTOR will be paid in accordance with this Contract for work performed before the effective date of termination.

- D. Should CONTRACTOR desire to terminate this Contract in whole or in part prior to the completion of the Contract term for reasons other than those stated in sub-Clause 6B, CONTRACTOR shall return to SCAQMD a prorated share of the funds already paid under this Contract, in an amount determined by SCAQMD.
7. STOP WORK – SCAQMD may, at any time, by written notice to CONTRACTOR, require CONTRACTOR to stop all or any part of the work tasks in this Contract. A stop work order may be issued for reasons including, but not limited to, the project exceeding the budget, out of scope work, delay in project schedule, or misrepresentations. Upon receipt of the stop work order, CONTRACTOR shall immediately take all necessary steps to comply with the order. CONTRACTOR shall resume the work only upon receipt of written instructions from SCAQMD cancelling the stop work order. CONTRACTOR agrees and understands that CONTRACTOR will not be paid for performing work while the stop work order is in effect, unless SCAQMD agrees to do so in its written cancellation of the stop work order.
8. INSURANCE
- A. CONTRACTOR shall furnish evidence to SCAQMD of workers' compensation insurance for each of its employees, in accordance with either California or other states' applicable statutory requirements prior to commencement of any work on this Contract.
- B. CONTRACTOR shall furnish evidence to SCAQMD of general liability insurance with a limit of at least \$1,000,000 per occurrence, and \$2,000,000 in a general aggregate prior to commencement of any work on this Contract. SCAQMD must be named as an additional insured on any such liability policy, and thirty (30) days written notice prior to cancellation of any such insurance shall be given by CONTRACTOR to SCAQMD.
- C. CONTRACTOR shall furnish evidence to SCAQMD of automobile liability insurance with limits of at least \$100,000 per person and \$300,000 per accident for bodily injuries, and \$50,000 in property damage, or \$1,000,000 combined single limit for bodily injury or property damage, prior to commencement of any work on this Contract. SCAQMD must be named as an additional insured on any such liability policy, and thirty (30) days written notice prior to cancellation of any such insurance shall be given by CONTRACTOR to SCAQMD.
- D. If CONTRACTOR fails to maintain the required insurance coverage set forth above, SCAQMD reserves the right either to purchase such additional insurance and to deduct the cost thereof from any payments owed to CONTRACTOR or terminate this Contract for breach.
- E. All insurance certificates should be mailed to: SCAQMD Risk Management, 21865 Copley Drive, Diamond Bar, CA 91765-4182. **The SCAQMD Contract Number must be included on the face of the certificate.**
- F. CONTRACTOR agrees to maintain the above required insurance as well as property insurance with sufficient limits to cover the loss of the Equipment. CONTRACTOR must provide updates on the insurance coverage throughout the term of the Contract to ensure that there is no break in coverage during the period of Contract performance. Failure to provide evidence of current coverage is grounds for termination for breach of Contract.
- G. If CONTRACTOR subcontracts all or part of the work under this Contract, CONTRACTOR shall require its subcontractors to comply with the above-mentioned insurance requirements and to name SCAQMD as an additional insured in the above-mentioned insurance policies.
9. INDEMNIFICATION - CONTRACTOR agrees to hold harmless, defend and indemnify SCAQMD, its officers, employees, agents, representatives, and successors-in-interest against any and all loss,

damage, costs, lawsuits, claims, demands, causes of action, judgments, attorney's fees, or any other expenses arising from or related to any third party claim against SCAQMD, its officers, employees, agents, representatives, or successors in interest that arise or result in whole or in part, from any actual or alleged act or omission of CONTRACTOR, its employees, subcontractors, agents or representatives in the performance of this Contract. This Indemnification Clause shall survive the expiration or termination (for any reason) of the Contract and shall remain in full force and effect.

10. COMPLIANCE WITH CARL MOYER PROGRAM GUIDELINES – CONTRACTOR warrants that the project upon which this Contract is based complies with CARB's current Carl Moyer Program Guidelines ("CMP Guidelines"), incorporated herein by reference, which include, but are not limited to, the following:
- A. The project described in the Statement of Work is not required by any local, state and/or federal rule or regulation, memorandum of understanding/agreement, settlement agreement, mitigation requirement, or other legal mandate.
 - B. The low emissions technology used in the project has been certified or verified by CARB and meets the applicable NOx, PM and/or ROG requirements, or if it has not been certified/verified by CARB, the low emissions technology has been approved by CARB on a case-by-case basis.
 - C. Rights to the emission reductions generated by the Project must not be claimed by any participant as emission reduction credits or be used under any emission averaging banking and trading program. In addition, rights to the emission reductions may not be claimed by the engine or equipment manufacturer in any flexibility or "early introduction" incentive program.
 - D. The Equipment must not have been ordered or purchased prior to the date of the SCAQMD Governing Board approval of the Contract award.
 - E. For repowers and replacement projects, the existing (old) engine must be destroyed and rendered permanently unusable and irreparable. There must be no cannibalization of parts from the old engine. Destruction methods and requirements are specified in the Statement of Work and the CMP Guidelines.
 - F. For repower projects, the installation of the engine must be completed in a manner such that it does not void the engine warranty provided by the manufacturer and any remaining warranty provided by the equipment manufacturer.
 - G. In signing this Contract, CONTRACTOR certifies that its fleet, engine(s) or equipment/vehicle is in compliance with all applicable federal state, and local air quality rules and regulations at the time of Contract execution, and that it will maintain compliance for the full Contract term. CONTRACTOR also agrees to comply with all federal, state, and local laws, ordinances, codes and regulations and orders of public authorities in the performance of this Contract. CONTRACTOR shall ensure that the provisions of this clause are included in all subcontracts.
 - H. The Project must be included when defining the size of the CONTRACTOR's fleet for determining regulatory requirements.
 - I. Throughout the Contract term, the Project must not be used to generate credits or compliance extensions, and must be excluded when determining regulatory compliance.
11. INCORPORATION OF CARL MOYER PROGRAM APPLICATION – CONTRACTOR'S application for the project funded under this Contract is hereby incorporated by reference and made a part of this Contract.

12. MAINTENANCE - CONTRACTOR shall maintain the Equipment in accordance with the manufacturer's specifications for the project life. Tampering with the engine is strictly prohibited. CONTRACTOR is responsible for maintaining a working hour meter or other SCAQMD-approved measuring device to track Equipment usage for projects that use hours of operation as a means of calculating emission reductions and cost-effectiveness. If the hour meter/usage device fails, CONTRACTOR must immediately notify SCAQMD, and CONTRACTOR remains responsible for validating any hours not recorded by the hour meter/usage device. The CONTRACTOR must either repair or replace the non-operating meter/device or provide other documentation of Equipment operating hours acceptable to SCAQMD.

13. RECORDS RETENTION, ON-SITE INSPECTIONS AND AUDIT
 - A. CONTRACTOR agrees to the following Records Retention Period: maintain records related to this Contract during the Contract term and continue to retain these records for a period of three years beyond the Contract term.
 - B. SCAQMD, CARB, or its designee(s), shall have the right to conduct on-site inspections of the project and to audit records related to this Contract during the Records Retention Period. CONTRACTOR agrees to include a similar right for SCAQMD to conduct on-site inspections and audits in any related subcontract.
 - C. If an amount is found to be inappropriately expended, SCAQMD may withhold payment, or seek reimbursement, from CONTRACTOR in the amount equal to the amount which was inappropriately expended. Such withholding or reimbursement shall not be construed as SCAQMD's sole remedy and shall not relieve CONTRACTOR of its obligation to perform under the terms of this Contract.

14. INSPECTIONS
 - A. A Pre-Inspection shall be conducted by the SCAQMD on **all** existing (old) equipment (including engines and vehicles) prior to any work commencing under this Contract. SCAQMD must verify that CONTRACTOR has met all requirements of the Carl Moyer Program regarding eligibility of the existing equipment. This includes documentation of the type of equipment, operational condition, mileage, vehicle and engine identification. This Contract may be modified or terminated based upon the results of the Pre-Inspection should the SCAQMD determine that: the existing equipment is non-operational; does not match the information submitted for analysis (i.e. vehicle make, model, model-year, engine type, horsepower, model year, etc.); or other factors exist that would not result in the calculated real, quantifiable and surplus emission reductions. For fleets owned or operated by public agencies, SCAQMD may conduct the Pre-Inspection by requiring the public agency to provide documentation to verify that all requirements of the Carl Moyer Program regarding eligibility of existing equipment/vehicles/engines are met. It is the responsibility of the CONTRACTOR to contact SCAQMD and arrange a Pre-Inspection of the existing equipment, and to confirm with SCAQMD that the equipment has been pre-inspected and is eligible to participate in the Carl Moyer Program.
 - B. A Post-Inspection shall be conducted by the SCAQMD after receipt of the invoice from the CONTRACTOR. SCAQMD must verify that CONTRACTOR has met all requirements of the Carl Moyer Program. Final payment will not be made unless the SCAQMD verifies that: the retrofit device or engine listed in the Statement of Work has/have been installed; that the Equipment is operational; and, where applicable, that the replaced engine(s) or vehicle(s) has/have been destroyed and rendered useless and there is no evidence of cannibalization of parts from the old engine(s). For fleets owned or operated by public agencies, SCAQMD may conduct the Post-Inspection through a statistically significant random sample of the vehicles, where the project under this Contract consists of more than twenty (20) vehicles.

15. MONITORING AND ENFORCEMENT – CONTRACTOR agrees to operate the Equipment according to the terms of this Contract, including the CMP Guidelines, and to cooperate with SCAQMD and CARB in implementation, monitoring, enforcement, and other efforts to assure the emission benefits are real, quantifiable, surplus, and enforceable. CONTRACTOR also understands and agrees that in addition to SCAQMD, CARB, as an intended third-party beneficiary of this Contract, also has the right to enforce the terms of this Contract to ensure emission reductions are generated. SCAQMD and CARB will seek whatever legal, equitable and other remedies are available for CONTRACTOR's failure to comply with the terms of this Contract, including the CMP Guidelines.
16. REPORTING REQUIREMENTS - CONTRACTOR shall submit reports in accordance with Attachments 1, 1A and 1B, attached here and incorporated herein by reference. Non-compliance with the reporting requirements of this Contract may result in the implementation of on-site monitoring by the SCAQMD.
17. SUCCESSORS-IN-INTEREST – This Contract shall be binding on and inure to the benefit of each party's heirs, executors, administrators, successors, and assigns.
18. EQUIPMENT USAGE
 - A. The percentage of each Equipment's annual mileage or engine hours of operation that must be accrued within the geographical boundaries of the South Coast Air Quality Management District shall be in accordance with Attachment 1 – Statement of Work. Information included in the annual reports required under this Contract will be used to verify this usage.
 - B. CONTRACTOR is prohibited from removing the Equipment from service in California during the term of this Contract, unless the Equipment become inoperable through mechanical failure of components or systems, and cannot be repaired or replaced, and such failure is not caused by CONTRACTOR'S negligence, misuse, or malfeasance. CONTRACTOR shall promptly notify SCAQMD if any Equipment is removed from service in California.
 - C. If the Equipment usage reported in the annual report does not meet the usage specified in Attachment 1 – Statement of Work, the SCAQMD will flag the project. SCAQMD will take appropriate action to ensure the contracted emissions reductions are realized, which may include, but are not limited to, recapturing funds in an amount proportional to the unrealized emissions reductions or extending the project life.
19. FUNDS FROM OTHER SOURCES
 - A. In signing this Contract, CONTRACTOR certifies that it has disclosed all other public funds that it applied for or received for the project described in the Statement of Work. CONTRACTOR understands that failure to disclose shall, at a minimum, result in disqualification from receiving funding for that project, the recapture of funds, and may result in CONTRACTOR being banned from submitting future applications to any and all Carl Moyer Program solicitations.
 - B. CONTRACTOR is prohibited from applying for or receiving other public funds for the same project described in the Statement of Work, except CONTRACTOR may apply for and receive additional funding for the same project from federal programs to reduce greenhouse gas emissions (GHG) or funding provided by the Alternative and Renewable Fuel and Vehicle Technology Program to reduce GHG. Such funding is subject to the disclosure requirements of Clause 19.A.
 - C. The total amount of public funds received by CONTRACTOR for the same project during the term of this Contract must not exceed eighty-five (85) percent of the project cost. If the total amount of public

funds exceeds eighty-five percent, CONTRACTOR shall return sufficient amounts to SCAQMD to decrease the total amount of public funds funding the same project to eighty-five percent.

20. PAYMENT

- A. SCAQMD will reimburse CONTRACTOR an amount not-to-exceed Thirty Eight Thousand Nine Hundred Thirty Six Dollars (\$38,936) in accordance with Attachment 2, Payment Schedule, attached here and incorporated herein by reference.
- B. Payment may be made directly to the dealer or distributor upon submission of an itemized invoice from the CONTRACTOR requesting that such direct payment be made. If the purchase is being financed, CONTRACTOR may choose to have the payment sent directly to the financing company, or provide SCAQMD with proof of payment to the financing company in order for CONTRACTOR to be reimbursed. Payments made under this Contract must be used to reduce the principal owed for the Equipment.
- C. Before any payment can be made, CONTRACTOR must submit itemized invoices from the engine supplier for repowers or paid invoices from the vehicle owner for replacement vehicles, and the Post-Inspection pursuant to Clause 14.B. must indicate that the project is operational. The itemized invoices must include enough detail to ensure that only eligible project costs are paid, in accordance with the CMP Guidelines. Each invoice must be prepared in duplicate, on company letterhead, and list SCAQMD's Contract number, period covered by invoice, and CONTRACTOR's Social Security Number or Employer Identification Number and submitted to: South Coast Air Quality Management District, Attn: Carl Moyer Contract Administrator, Technology Advancement, 21865 Copley Drive, Diamond Bar, CA 91765-4178.
- D. Payment under this Contract is contingent upon receipt of funds from CARB.
- E. SCAQMD may de-obligate from the Contract funds that remain unexpended as required in the Contract upon thirty (30) days' written notice to CONTRACTOR. CONTRACTOR to initial here acknowledging consent to de-obligation of non-expended funding. _____

21. SECURITY INTEREST - CONTRACTOR hereby grants SCAQMD a security interest in any and all equipment, including vehicles and marine vessels, purchased in whole or in part with funding provided by SCAQMD pursuant to this Contract. CONTRACTOR acknowledges and agrees that SCAQMD shall have all lien rights as a secured creditor on any and all equipment and/or vehicles purchased in whole or in part by the CONTRACTOR, under this Contract or any amendments thereto. The SCAQMD shall have lien rights in effect until the CONTRACTOR satisfies all terms under the Contract, including but not limited to, the use and reporting requirements. **Accordingly, CONTRACTOR further agrees that SCAQMD is authorized to file a UCC filing statement or similar security instrument to secure its interests in the equipment and/or vehicles that are the subject of the Contract.** In the event CONTRACTOR files for bankruptcy protection, CONTRACTOR shall notify SCAQMD within 10 business days of such filing.

22. MOBILE SOURCE EMISSION REDUCTION CREDITS - No emission reductions generated by Carl Moyer Program-funded projects may be used as marketable emission reduction credits, or to offset any emission reduction obligation of any person or entity. All validated emission reductions shall be applied toward the State Implementation Plan (SIP) attainment demonstration. All emission reductions generated from the expenditure of Carl Moyer funds may not be converted into tradable credits, and shall be used for the sole purpose of meeting the attainment schedule contained in the applicable SIP.

23. INTELLECTUAL PROPERTY RIGHTS - Title and full ownership rights to any intellectual property developed under this Contract shall at all time remain with SCAQMD. Such material is agreed to be SCAQMD's proprietary information.
- A. Rights of Technical Data - SCAQMD shall have the unlimited right to use technical data, including material designated as a trade secret, resulting from the performance of services by CONTRACTOR under this Contract. CONTRACTOR shall have the right to use data for its own benefit.
 - B. Copyright - CONTRACTOR agrees to grant SCAQMD a royalty free, nonexclusive, irrevocable license to produce, translate, publish, use, and dispose of all copyrightable material first produced or composed in the performance of this Contract.
24. NOTICES - Any notices from either party to the other shall be given in writing to the attention of the persons listed below, or to other such addresses or addressees as may hereafter be designated in writing for notices by either party to the other. Notice shall be given by certified, express, or registered mail, return receipt requested, and shall be effective as of the date of receipt indicated on the return receipt card.

SCAQMD: South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765-4178
Attn: Carl Moyer Contract Administrator, Technology Advancement

CONTRACTOR: Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302
Attn: Joseph Lillio Phone: 818-251-2100

25. INDEPENDENT CONTRACTOR – CONTRACTOR is an independent contractor. CONTRACTOR, its officers, employees, agents, representatives, or subcontractors shall in no sense be considered employees or agents of SCAQMD or CARB, nor shall CONTRACTOR, its officers, employees, agents, representatives, or subcontractors be entitled to or eligible to participate in any benefits, privileges, or plans, given or extended by SCAQMD to its employees. SCAQMD will not supervise, direct, or have control over, or be responsible for, CONTRACTOR's or subcontractor's means, methods, techniques, work sequences or procedures or for the safety precautions and programs incident thereto, or for any failure by them to comply with any local, state, or federal laws, or rules or regulations, including state minimum wage laws and OSHA requirements. CONTRACTOR shall promptly notify SCAQMD of any material changes to subcontracts that affect the Contract's scope of work, deliverable schedule, and/or payment/cost schedule.
26. PUBLICATION
- A. SCAQMD shall have the right of prior written approval of any document which shall be disseminated to the public by CONTRACTOR in which CONTRACTOR utilized information obtained from SCAQMD in connection with performance under this Contract.
 - B. Information, data, documents, photographs or reports developed by CONTRACTOR for SCAQMD, pursuant to this Contract, shall be part of SCAQMD's public record unless otherwise indicated. CONTRACTOR may use or publish, at its own expense, such information provided to SCAQMD.

The following acknowledgment of support and disclaimer must appear in each publication of materials, whether copyrighted or not, based upon or developed under this Contract.

- i. "This report was prepared as a result of work sponsored, paid for, in whole or in part, by the South Coast Air Quality Management District (SCAQMD). The opinions, findings, conclusions, and recommendations are those of the author and do not necessarily represent the views of SCAQMD. SCAQMD, its officers, employees, contractors, and subcontractors make no warranty, expressed or implied, and assume no legal liability for the information in this report. SCAQMD has not approved or disapproved this report, nor has SCAQMD passed upon the accuracy or adequacy of the information contained herein."

27. NON-DISCRIMINATION - In the performance of this Contract, CONTRACTOR shall not discriminate in recruiting, hiring, promotion, demotion, or termination practices on the basis of race, religious creed, color, national origin, ancestry, sex, age, or physical or mental disability and shall comply with the provisions of the California Fair Employment & Housing Act (Government Code Section 12900 et seq.), the Federal Civil Rights Act of 1964 (P.L. 88-352) and all amendments thereto, Executive Order No. 11246 (30 Federal Register 12319), and all administrative rules and regulations issued pursuant to said Acts and Order.

28. ASSIGNMENT AND TRANSFER OF EQUIPMENT

- A. The rights and responsibilities granted hereby may not be assigned, sold, licensed, or otherwise transferred by CONTRACTOR without the prior written consent of SCAQMD, and any attempt by CONTRACTOR to do so shall be void upon inception.
- B. CONTRACTOR agrees to obtain SCAQMD's written consent to any assignment, sale, license or transfer of the Equipment, prior to completing the transaction. CONTRACTOR shall inform the proposed assignee, buyer, licensee or transferee (collectively referred to here as "Buyer") of the terms of this Contract. CONTRACTOR is responsible for establishing contact between SCAQMD and the Buyer and shall assist SCAQMD in facilitating the transfer of this Contract's terms and conditions to the Buyer. **CONTRACTOR will not be relieved of the legal obligation to fulfill the terms and conditions of this Contract until and unless the Buyer has assumed responsibility of this Contract's terms and conditions through an executed contract with SCAQMD.**

29. NON-EFFECT OF WAIVER - The failure of CONTRACTOR or SCAQMD to insist upon the performance of any or all of the terms, covenants, or conditions of this Contract, or failure to exercise any rights or remedies hereunder, shall not be construed as a waiver or relinquishment of the future performance of any such terms, covenants, or conditions, or of the future exercise of such rights or remedies, unless otherwise provided for herein.

30. ATTORNEYS' FEES - In the event any action is filed in connection with the enforcement or interpretation of this Contract, each party shall bear its own attorneys' fees and costs.

31. FORCE MAJEURE - Neither SCAQMD nor CONTRACTOR shall be liable or deemed to be in default for any delay or failure in performance under this Contract or interruption of services resulting, directly or indirectly, from acts of God, civil or military authority, acts of public enemy, war, strikes, labor disputes, shortages of suitable parts, materials, labor or transportation, or any similar cause beyond the reasonable control of SCAQMD or CONTRACTOR.

32. SEVERABILITY - In the event that any one or more of the provisions contained in this Contract shall for any reason be held to be unenforceable in any respect by a court of competent jurisdiction, such holding shall not affect any other provisions of this Contract, and the Contract shall then be construed as if such unenforceable provisions are not a part hereof.
33. HEADINGS - Headings on the Clauses of this Contract are for convenience and reference only, and the words contained therein shall in no way be held to explain, modify, amplify, or aid in the interpretation, construction, or meaning of the provisions of this Contract.
34. DUPLICATE EXECUTION - This Contract is executed in duplicate. Each signed copy shall have the force and effect of an original.
35. GOVERNING LAW - This Contract shall be construed and interpreted and the legal relations created thereby shall be determined in accordance with the laws of the State of California. Venue for resolution of any disputes under this Contract shall be Los Angeles County, California.
36. CITIZENSHIP AND ALIEN STATUS
 - A. CONTRACTOR warrants that it fully complies with all laws regarding the employment of aliens and others, and that its employees performing services hereunder meet the citizenship or alien status requirements contained in federal and state statutes and regulations including, but not limited to, the Immigration Reform and Control Act of 1986 (P.L. 99-603). CONTRACTOR shall obtain from all covered employees performing services hereunder all verification and other documentation of employees' eligibility status required by federal statutes and regulations as they currently exist and as they may be hereafter amended. CONTRACTOR shall have a continuing obligation to verify and document the continuing employment authorization and authorized alien status of employees performing services under this Contract to insure continued compliance with all federal statutes and regulations. Notwithstanding the above, CONTRACTOR, in the performance of this Contract, shall not discriminate against any person in violation of 8 USC Section 1324b.
 - B. CONTRACTOR shall retain such documentation for all covered employees for the period described by law. CONTRACTOR shall indemnify, defend, and hold harmless SCAQMD, its officers and employees from employer sanctions and other liability which may be assessed against CONTRACTOR or SCAQMD, or both in connection with any alleged violation of federal statutes or regulations pertaining to the eligibility for employment of persons performing services under this Contract.
37. SUBCONTRACTOR APPROVAL – If CONTRACTOR intends to subcontract all or a portion of the work under this Contract, then CONTRACTOR must first obtain written approval from SCAQMD's Executive Officer or designee prior to subcontracting any work. Any material changes to the subcontract(s) that affect the scope of work, deliverable schedule, and/or payment/cost schedule shall also require the prior written approval of the Executive Officer or designee. No subcontract charges will be reimbursed unless the required approvals have been obtained from SCAQMD.
38. TAX IMPLICATIONS FROM RECEIPT OF CARL MOYER PROGRAM FUNDS – CONTRACTOR is advised to consult a tax attorney regarding potential tax implications from receipt of funds under the Carl Moyer Program.

39. DISCLAIMER OF WARRANTY – The decision to participate in the Carl Moyer Program and to purchase Program-eligible Equipment is CONTRACTOR's decision. **SCAQMD does not make any express or implied warranty of merchantability, fitness for a particular purpose or otherwise, quality or usefulness of the technology or Equipment.** SCAQMD will not be financially responsible or otherwise liable for the installation or performance of the Equipment.

40. ENTIRE CONTRACT - This Contract represents the entire agreement between CONTRACTOR and SCAQMD. There are no understandings, representations, or warranties of any kind except as expressly set forth herein. No waiver, alteration, or modification of any of the provisions herein shall be binding on any party unless in writing and signed by the authorized representative of the party against whom enforcement of such waiver, alteration, or modification is sought.

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IN WITNESS WHEREOF, the parties to this Contract have caused this Contract to be duly executed on their behalf by their authorized representatives.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

LAS VIRGENES MUNICIPAL WATER DISTRICT

By: _____
Dr. William A. Burke, Chairman, Governing Board

By: _____
Name:
Title:

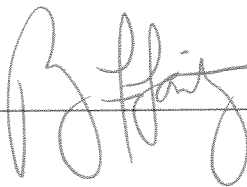
Date: _____

Date: _____

ATTEST:
Saundra McDaniel, Clerk of the Board

By: _____

APPROVED AS TO FORM:
Kurt R. Wiese, General Counsel

By:  _____

//Moyer Template
Last Updated: April 28, 2015

ATTACHMENT 1

STATEMENT OF WORK LAS VIRGENES MUNICIPAL WATER DISTRICT FY 2014-15 CARL MOYER PROGRAM FUND 32-SB 1107 ACCOUNT

The purpose of this Contract is to reduce emissions from construction equipment through the replacement of one existing diesel rubber-tired loader with one new diesel rubber-tired loader to meet the CARB Tier 4 Final engine emission standards of 0.30 g/bhp-hr of NOx and 0.01 g/bhp-hr for PM. Project emissions reductions were calculated using a five year project life.

CONTRACTOR agrees to replace one existing diesel Volvo L70 with one new diesel John Deere 444K rubber-tired loader to meet the CARB Tier 4 Final NOx engine emission standards. Tasks necessary to implement this intent are subject to the due dates specified in Attachment 1A and are as follows:

Task 1: Inspections

- 1.1 CONTRACTOR shall make all equipment/vehicles/engines available to SCAQMD staff for pre-inspection prior to any work commencing to implement this Contract. All equipment/vehicles/engines must be in working order. CONTRACTOR shall provide access to all vehicle identification numbers, engine identification numbers and other legal identification of equipment/vehicles/engines.
- 1.2 CONTRACTOR shall make all equipment/vehicles/engines available to SCAQMD staff for post-inspection in accordance with the INSPECTIONS clause of the Contract.
- 1.3 CONTRACTOR shall destroy and render useless the existing engine(s) and the replaced equipment/vehicles described above in a manner in accordance with the COMPLIANCE WITH CARL MOYER PROGRAM GUIDELINES clause of the Contract.

Task 2: Procurement of Engines and Equipment

- 2.1 CONTRACTOR shall provide procurement documentation of one new diesel 124-horsepower John Deere 444K to replace one existing diesel 110-horsepower Caterpillar Volvo L70 rubber-tired loader. This documentation shall include, at a minimum, identification of the engine manufacturer; the price of the engine including any taxes, delivery fees and other costs; identification of the new engine make, model, model year, engine family, serial number, horsepower and fuel type.

Task 3: Operation of Vehicles

- 3.1 CONTRACTOR shall place the one new diesel John Deere 444K rubber-tired loader into regular service and shall inform the SCAQMD where the vehicles are located within the geographical boundaries of the South Coast Air Quality Management District.
- 3.2 CONTRACTOR shall operate the one new diesel John Deere 444K rubber-tired loader to meet the CARB Tier 4 Final NOx engine emissions standard for a minimum of five years with 100% of the engine hours of each vehicle accumulated within the geographical boundaries of the South Coast Air Quality Management District. CONTRACTOR shall make operational information for the vehicles available, upon reasonable notice, to SCAQMD or CARB staff during the life of the vehicles. This information shall include annual hours operated and amount of fuel consumed. The expected usages of the new equipment as reported in the proposal application and the estimated emission reductions as calculated are:

Equipment	Average Annual Hours of Operation (per equipment)	Estimated Reduction of NOx+ROG Per Equipment (tons/yr)	Estimated Reduction of PM Per Equipment (tons/yr)
One diesel John Deere 444K rubber-tired loader	560	0.219	0.012

If CONTRACTOR’s hours of operation do not average out to within 70% of the above-stated annual average hours of operation over at least a 3-year period, (i.e. no more than 30% below the above-stated annual average hours of operation), CONTRACTOR shall coordinate with SCAQMD staff to develop actions to ensure that the required emission reductions are realized.

Task 4: Reporting

- 4.1 CONTRACTOR shall provide quarterly and annual reports as described in the Deliverables, Attachment 1B.
- 4.2 CONTRACTOR shall notify SCAQMD in advance of the sale of the equipment/vehicles/engines in accordance with the ASSIGNMENT AND TRANSFER OF EQUIPMENT clause of the Contract.

ATTACHMENT 1A

**PROJECT MILESTONES
LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2014-15 CARL MOYER PROGRAM
FUND 32-SB 1107 ACCOUNT**

<u>Milestone</u>	<u>Due Date</u>
Vehicles Delivery and Acceptance Completed	September 30, 2016
Vehicles in Service	December 31, 2016
All Invoices Due No Later Than	December 31, 2016
Quarterly Progress Reports Due	January 30, 2016 April 30, 2016 June 30, 2016 September 30, 2016
Annual Project Progress Reports Due	December 31, 2017 thru December 31, 2021

ATTACHMENT 1B

DELIVERABLES LAS VIRGENES MUNICIPAL WATER DISTRICT FY 2014-15 CARL MOYER PROGRAM FUND 32-SB 1107 ACCOUNT

In addition to the deliverables set forth in the above-referenced statement of work, CONTRACTOR shall supply the following reports to the SCAQMD under this Contract. Each submitted report shall be stapled, not bound, printed in black ink, double-sided type, on an 8-1/2 by 11 inch page, and shall include camera-ready originals.

1. Two stapled copies of each quarterly progress report due by the 15th day of the month following the reporting period. CONTRACTOR shall submit two copies of each progress report to SCAQMD's Carl Moyer Contract Administrator-Technology Advancement, in conjunction with any applicable invoice for the same period. Quarterly reports are required until all vehicles are placed into regular operating service. **Invoices will not be paid if quarterly reports are not up to date.** Each progress report shall include, but not be limited to, the following:
 - a. Reference to SCAQMD contract number and title of project.
 - b. Reporting time period (months, year).
 - c. Description of work completed during the reporting period, including a discussion of problems encountered and how those problems were resolved; and other relevant activities. Include information such as:
 - Accumulated hours, mileage and fuel consumed per vehicle in service during the reporting period.
 - Discussion of vehicle performance, including operational performance and repairs and maintenance performed.
2. Two stapled copies of an annual report, to be submitted annually for the term of the agreement. This document shall be considered in the public domain, in conformance with the California Public Records Act (Government Code Section 6250 et seq.). The annual report shall include, but not be limited to, the following:
 - a. Reference to SCAQMD contract number and title of project.
 - b. Color photographs in a digital format, such as .ppt, .tif, .jpg on a CD or sent electronically, of:
 - The vehicles funded by the Carl Moyer Program.
 - c. A description of the operation of the vehicles, including:
 - Accumulated hours of operation per vehicle in service during the reporting period, and the percentage of the total annual accumulated hours operated within the geographical boundaries of the South Coast Air Quality Management District.
 - Amount of fuel purchased during the reporting period.
 - Discussion of vehicle performance, including operational performance and repairs and maintenance performed.
 - d. Problems - a discussion of significant problems encountered during the year and how they were resolved.

ATTACHMENT 2

**PAYMENT SCHEDULE
LAS VIRGENES MUNICIPAL WATER DISTRICT
FY 2014-15 CARL MOYER PROGRAM
FUND 32-SB 1107 ACCOUNT**

CONTRACTOR shall be reimbursed for the replacement of one existing diesel rubber-tired loader with one new diesel rubber-tired loader to meet the CARB Tier 4 Final NOx engine emissions standard in an amount not to exceed \$38,936. All invoices must be accompanied by supporting documentation, including invoices, proof of payment and a written report documenting delivery, acceptance and placement into service.

**Maximum Cost Per Vehicle
to be Reimbursed By SCAQMD**

<u>Carl Moyer Program</u>	<u>Number of Engines</u>	<u>Maximum Total Cost</u>
\$38,936 – One new diesel John Deere 444K rubber-tired loader (Replacement of Unit 710)	1	\$ 38,936
Total Contract not-to-exceed		\$ 38,936

Payments will be disbursed after evidence of the existing (old) engine and vehicle/equipment destruction is submitted and a satisfactory post-inspection is conducted by the SCAQMD staff.



February 9, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject : Claim from Jeffrey A. Jones

SUMMARY:

On December 18, 2015, the District received the attached claim, in the amount of \$17,640, from Jeffrey A. Jones of Chatsworth for current and future expenses allegedly caused by a damaged District service line in front of his residence. Based on an investigation of the incident, staff recommends payment of \$2,800 for pumping excess water that may have entered the claimant's septic system and denial of the remaining amount of the claim.

RECOMMENDATION(S):

Approve payment, in the amount of \$2,800, for the cost of pumping excess water that may have entered the claimant's septic system and deny the remainder of the claim for unsubstantiated damages to the claimant's driveway and lost wages.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

DISCUSSION:

The claimant alleges that water began to pool in his driveway in September 2015, overflowing his septic system below the driveway and causing cracks in his driveway, time off work and the

expense of a plumber to detect the location of the leak. Staff was notified of the leak on Sunday, September 27, 2015. On the following day, staff located the leak; the repair was made on September 30, 2015. Permanent street repairs were completed on October 22, 2015. On January 8, 2016, the claimant called to report the a leak persisted. However, staff investigated the problem and found no leak.

Based on the investigation, staff confirmed that there was a small leak in the District's water service in front of the residence and that excess water could have entered the claimant's septic system due to its location in relation to the leaching system. As a result, staff recommends the District reimburse the claimant for his verified expenses for pumping the septic system in the amount of \$2,800. However, due to the small nature of the leak and location of the service line with respect to the driveway, staff does not believe the leak caused damage to the claimant's driveway. As such, staff recommends the Board deny the remainder of the claim in the amount of \$14,840.

A signed release of liability form, approved by District Counsel, will be required from the claimant prior to payment of the authorized amount for settlement of the claim.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Mary Capps, Secretary

ATTACHMENTS:

Claim from Jeffrey A. Jones

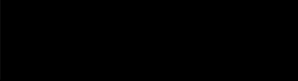


Claim Against Las Virgenes Municipal Water District
Government Code Sections 910 and 910.4

Mail or Deliver To: Executive Assistant/ Clerk of the Board
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302

Name of claimant/s: Jeffrey A. Jones

Address/location of accident or occurrence:



Address to where replies/notices should be sent (if different from the above):
Same as above.

Telephone numbers: Home: [REDACTED] Work/Cell: [REDACTED]

Please answer the following questions. If more space is required, please attach additional sheets. Please attach any receipts, invoices, estimates or photos that may help in consideration of your claim.

- When did damage or injury occur? (Give exact date and hour)
Ongoing minor dampness in driveway area on & off since purchasing home in May 2015
First noticed severe water leakage on 9/19/15 in the evening time.
- Where did the damage or injury occur?
Damage occurred in driveway in front of the house and street.
Water is still leaking from repair patches that LVMWD had made.
- How did the damage or injury occur? (Give full details)
LVMWD water main pipe leaked into our septic/cesspool system, causing damage to our driveway and foundation under the driveway. This led to cracks in driveway. Unable to use driveway. See attached documents and photos with timeline of events.
- What damage or injuries do you claim?
Unnecessasry expense for septic pumping and cesspool/leach line cleaning. Additional unnecessary plumber bills, damage to septic system, driveway cement and brick work, and foundation under driveway. Weeks of not being able to park on our driveway or in front of our house. Days of not having running water in house or use of toilets.

5. If this claim is for damage to property, are you the legal owner of said property?
Yes No . If not, please list name and address of property owner.

6. What is the name/s of the District employee/s causing the injury, damage or loss, if known?
N/A

Damage was from LVMWD water main line under the street, and in front of driveway.

7. If District employees were involved in causing the damage or injury, do you believe there was a particular act or omission on the part of the employees that caused it?

Took multiple calls and visits to determine problem from LVMWD, SoCal Edison, and multiple plumbing services and foundation contractors. I was told by LVMWD that if leak was occurring on my property, it was my obligation to fix the situation.

8. What is the amount the damages claimed? (Attach copies of receipts, invoices, estimates, photos, etc.)

Amount claimed as of this date: \$ 12,640.00

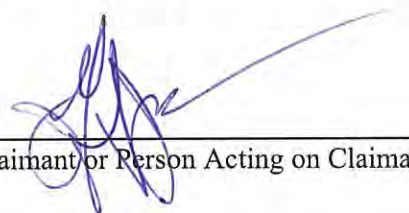
Estimated amount of future expenses: \$ 5,000.00

Total Amount Claimed: \$ 17,640.00

Basis for computation of amounts claimed: See attached documents, reports, and photos.

9. Other details? (Names, addresses of witnesses, doctors and hospitals)

Please see attached documents, photos, reports, and receipts with timeline of events.



Signature of Claimant or Person Acting on Claimant's Behalf

12/18/2015

Date

This claim must be signed by claimant or by an authorized agent of the claimant. One copy must be filed with this office. Keep one copy for your records.

Notice: Section 72 of the Penal Code provides: "Every person who, with intent to defraud, presents for allowance or for payment to any state board or officer, or to any county, town, city, district, ward or village board or officer, authorized to allow or pay the same if genuine, any false or fraudulent claim, bill, account, voucher, or writing, is guilty of a felony".

Date Received: _____ Time: _____ Recorded by: _____

Note: This document is a Public Record and may be disclosed/released pursuant to the California Public Records Act.

Name: Jeffrey Jones



Las Virgenes Municipal Water District Claim

We believe the water issue we are experiencing at our home is the result of an ongoing problem attributed to the Las Virgenes Municipal Water District ("LVMWD") main line on our street; and the issue has not yet been resolved. When we moved into our home located at [REDACTED] [REDACTED] Chatsworth, CA 91311, in May of 2014, we were advised by several neighbors of an "on-and-off water issue" with moisture and seepage at the corner of the driveway, affecting the septic system. We immediately contacted a septic company before moving in and had the septic system checked and pumped, for a charge of \$650. (Receipts can be provided upon request.) We were assured the septic system was in good working order and that it would not need re-pumping for "three to five years."

Although we saw a bit of wetness at the edge of the driveway from time to time, it would "come and go" with weather changes. Then, last September, we noticed the problem worsening (this being in the dead heat of summer, with no natural ground moisture). For your convenience, the following pages illustrate a timeline of the issue, along with photographs, paid receipts and estimates of future work.

Please note that we have not submitted this dispute report earlier because this water leakage problem is still occurring (see photos, as recently as December 13, 2015). We have consulted numerous plumbers and contractors about the problem and they feel there is still a leak in the LVMWD line that has not been fully repaired (the seepage is coming from the patches LVMWD placed in the street at the edge of our driveway).

Timeline of Water Issue:

When we arrived home from work on Friday, September 18, 2015, we noticed a steady streamflow of water coming out from a spot at the edge of the street and our driveway and filling the water main box.



09/19/2015 - LVMWD is Called.

We called LVMWD and explained to the operator our situation in detail and they instructed us that since the water leak appeared to be on our property, it was our problem and we should contact a plumber as soon as possible so we didn't get charged extra for the water being wasted.

[It is important to note here that we never experienced any large water bills during any of this.]

This call had occurred on a Saturday and LVMWD told us no one would come to our house until sometime the following week. For the entire weekend there was water overflowing out of our driveway and water in the main box and streaming into the street. We turned the water main off at the house, and were without water or restroom facilities for the weekend. We made numerous calls to locate a reputable plumber/septic specialist to come out and assess the situation.

09/23/2015 – Kurt Bohmer Plumbing Company Comes Out to Assess the Problem.

Once the plumbers took a look at the situation, they said our septic leaching system appeared clogged. They recommended to us that we get this repaired. However, they did not have the proper equipment with them to perform the job. We scheduled them to come back the following day, 9/24/15, with the correct equipment needed. Thinking that this repair would fix our current leak situation, we went ahead and spent **\$2,800.00** on cleaning our septic leaching system (chemical treatment and hydro jetting the leach lines) on 09/24/2015. [Note: this was after the prior plumbing company had cleaned the septic system less than a year prior, before we moved in, and said everything was working properly and the system would not need to be pumped again for "three to five years." After the system was pumped and cleaned on 9/24/15, the *very next* morning -- 9/25/15 -- we had water overflowing out of the driveway and into water main box and streaming once again into the street.

KURT BOHMER PLUMBING, INC.

LIC. #499142

16743 SIERRA HIGHWAY
CANYON COUNTRY, CA 91351
(661) 251-5915 (661) 266-9520
FAX (661) 252-5323

Email: service@kbplumb.com
www.kurtbohmerplumbing.com

INVOICE NO: 140502

DATE: 9-24-15

CUSTOMER NO: _____

INCIDENT NO: 1509237

PURCHASE ORDER NO: _____

PLUMBER'S NAME: JOE

BILL TO: OWNER TENANT

JOB SITE:

NAME: _____

NAME: _____

ADDRESS: _____

ADDRESS: _____

CITY, ST, ZIP: _____

CITY, ST, ZIP: _____

PHONE: _____

JOB SITE: _____

WORK REQUESTED:

Pump & Hydro Jet

DESCRIPTION:

* Pump Septic 1000 Gallons

* Pump & Hydro Jet & Chem Treat
cesspool

* Total \$2800

9-24-15

* recommend Pump Septic Once a Year

PAID
CK # 1561

\$2800

HWP

TO OUR CUSTOMERS: Service men are required to have work slip signed. This is done to protect you, the workmen, and ourselves, and to enable us to give you absolute satisfactory service. You are respectfully requested to examine this invoice carefully before workmen leave the job, and if you find everything satisfactory, okay this ticket. If service is unsatisfactory, in any way, please phone our office immediately. *"I find the description of work performed and the total amount charged satisfactory and agree to pay for same on presentation of invoice, and further agree to pay reasonable charges for collection, including attorney fees in the event of my default."* A PENALTY WILL BE CHARGED AT THE RATE OF 1 1/2% PER MONTH ON UNPAID BALANCES AFTER 30 DAYS OF INVOICE DATE. ANNUAL PERCENTAGE RATE 18%.

Contractors are required by law to be licensed and regulated by the Contractors' State License Board. Any questions concerning a contractor may be referred to the registrar of the board whose address is: Contractors' State License Board, 9835 Goethe Road, Sacramento, CA 95827, P.O. Box 2600, Sacramento, CA 95826

Signed _____
by _____

TOTAL MATERIAL	_____
TAX	_____
SERVICE	_____
PERMITS - INSURANCE	_____
TRUCKS - EQUIPMENT	_____
TOTAL	\$2800

Kurt Bohmer Plumbing Paid Invoice.



16743 SIERRA HWY., CANYON COUNTRY, CA 91351

PAID IN FULL

(O) 661-251-5915

(F) 661-252-5323

service@kbpplumb.com

LIC# 499142

Customer Information		Site Information		Invoice Details	
		JEFFREY JONES		Invoice Number:	148962
				Invoice Date:	09/25/15
				Amount Due:	\$0.00
				Purchase Order:	
Job Notes					
HYDROJET CESSPOOL					
Invoice Details					
HYDROJET CESSPOOL PUMPED SEPTIC OF 1000 GALLONS, PUMPED, HYDROJETTED, AND CHEMICALLY TREATED CESSPOOL. RECOMMEND PUMPING SEPTIC ONCE A YEAR.					
				Total:	\$2800.00
				Amount Paid:	\$2,800.00
				Balance Due:	\$0.00
From:					
Circle One:					
Credit Card #:					
Exp: Csv:					
Amount Paid:\$					
Invoice No.		Date:		Amount Due:	
148962		09/25/15		\$0.00	
To:					
KURT BOHMER PLUMBING, INC.					
16743 SIERRA HWY.					
CANYON COUNTRY, CA 91351					

09/25/2015 - Plumbing Company Called Again.

We then asked the plumber to come back to take another look. He was very confused as to why this leaked once again and was filling up our septic/cesspool system. We had made sure to check all faucets, toilets and hoses to make sure there was no leak coming from anywhere in the house or from our property. ***The plumber did some more investigating and said that our septic system was currently being damaged from an outside leak.***

Cesspool Cover.



The above photo shows what our septic hole looked like on 10/02/15, after it had been fully pumped. When the plumbing company came this hole has been filled to the top with water, affecting our leaching system. After the pumping, it was completely empty. In less than a week, it was already filling up again.

09/25/2015 – LVMWD Visits 9118 Santina St. for the First Time.

LVMWD sends someone out to assess the issue. He came to the property while the plumber, Bill, came to do more tests because he could not figure out where the leak was coming from and why it was still affecting the leaching system. The water to the house was shut off; however water was still flowing. The man from the LVMWD called his manager and his manager over the phone said to look for an Edison box to see if it was flooded. The Edison vault box (located 3-4 ft. from the LVMWD box in the driveway) was flooded. LVMWD then came to the conclusion that since the Edison Electric Box was filled with water, the flooding was Edison's responsibility. He said since we were at the top of the hill, it seemed water was hitting a conduit from up above our house and flowing into our box which was causing the overflow of water out of our driveway and overflowing the septic system. There was still no solid solution in fixing the leakage.

Edison Box Filled With Water.



09/25/2015 – Electrical company (Edison) was called.

We spoke with the operator at Edison and explained the situation. They said they would send someone out sometime in the next week. We explained to them the situation had been going on for over a week and we were told they had more important calls to respond to before they could get to our home. The operator explained that they would have someone out as soon as they could.

KURT BOHMERS

PROFESSIONAL
PLUMBING, INC.

16743 SIERRA HWY., CANYON COUNTRY, CA 91351

(O) 661-251-5915

(F) 661-252-5323

service@kbpplumb.com

LIC# 499142

Customer Information	Site Information JEFFREY JONES [REDACTED]	Invoice Details
		Invoice Number: 148870
		Invoice Date: 09/28/15
		Amount Due: \$520.00
		Purchase Order:

Job Notes

LEAK DETECTION

Invoice Details

LEAK DETECTION LEAK IN DRIVEWAY. JOE OUT AND PUMPED TANK. TANK IS NOW FULL. FOUND WATER LEAKING AT WATER METER AT STREET, ALSO FROM CRACK IN DRIVEWAY. HOUSE SYSTEM STILL HOLDING WATER WITH METER OFF. OPENED FAUCETS AT KITCHEN AND SECOND FLOOR TUBS. DRAINED HOUSE BUT WATER DIDNT STOP. TURNED WATER AT METER ON AND WITH HOUSE UNDER PRESSURE METER STOPPED SHOWING NO FLOW. THEN WATER COMPANY SHOWED UP. I SHOWED HIM EVERYTHING I DID. HE STARTED CHECKING OUT PROBLEM AND OTHER METERS. I RAN LEAK DETECTION OVER PROBLEM. HEARD NOTHING. WATER COMPANY PULLED LID OFF EDISON BOX. IT WAS FULL. HE CALLED THIS INTO HIS OFFICE. IT WAS REPORTED THAT EDISON WAS HAVING FLOODING PROBLEM IN A VAULT UPSTREAM FROM US. THIS WATER IS COMING FROM EDISON. JEFFREY WAS HOME TO HEAR THIS REPORT FROM WATER COMPANY.

Total:	\$520.00
Amount Paid:	\$0.00
Balance Due:	\$520.00

From:

Circle One:



Credit Card #:

Exp: _____ Csv: _____

Amount Paid: \$ _____

Invoice No.	Date:	Amount Due:
148870	09/28/15	\$520.00

To:

KURT BOHMER PLUMBING, INC.
16743 SIERRA HWY.
CANYON COUNTRY, CA 91351

*Edison should
Pay this bill
we will wait
for payment.*

Edison Technician Came to the Property on 9/28/15 and Left the Following Note:

**Your Southern California Edison
Repair Person Was Here Today**

9 / 28 / 15 at 4:30 a.m. / p.m.

Your electric service may have been temporarily disconnected.
You may need to reset your clocks, automatic timers, and alarms.

At your request, we were here to investigate:

- No lights or loss of power
- Partial lights or partial loss of power
- Flickering lights
- Low, high, or fluctuating voltage
- Repair/replace service wires
- Other (see remarks) H2O

Service was completed:

- Inspected facilities up to your service point. SCE facilities check out OK.
- Other (see remarks)

Service was not completed because:

- Access will be necessary for repairs to be completed
- An additional repair request has been turned in
- You will need to contact an electrician
- Customer wire problem
- Other (see remarks)

Sequence No./Meter Order No.
63042

Remarks Pumped Splice Box. NOT SURE how water is getting into Box. No Ducts in box, only Direct buried cables. Water maybe Following lines From backyard. This is the highest box, All others Are Down Street. Water has to run down Hill.

If you have any questions or concerns, please call (800) 655-4555 and reference the sequence number above.

Cables OK to be under water. NO HAZARD

SCE 14-031-F REV. 4/98 (CWI) Tear off here

How Was Your Experience Today?

Troubleman: 9552 SQ# 63042

The Southern California Edison troubleman that helped you today is part of my team, and welcome your comments on the experience you had. Your input is valuable as we help our crews improve the service we provide to you, and also helps us offer praise for jobs well done. This postcard will come directly to me. Thank you for your time and comments.

Supervisor: Satisfied Not Satisfied

Since we were not home when Edison came out (they were unable to give us a precise time that someone would be able to come out), the technician called us on the phone regarding his findings. He explained that he drained the water from the box and told us that it was still filling up from the bottom of the box and not from their conduit. He said possibly water is flowing in from our back yard somewhere. I had told the technician that no water was leaking from any part of our property. Edison explained that it is not their issue and that we should contact the LVMWD again to get our problem resolved.

09/28/2015 – LVMWD is Called Again and Ongoing Situation is Explained.

On 9/29/15 LVMWD sent out someone to take another look at our situation. LVMWD sent out two technicians this time to do another investigation. They shut off the water to the house and pumped out the water that had again filled up the water main box. After ensuring that there was no running water in the house and the water main had been shut off to the house, the technician used a leak detection kit. ***When using the leak detection device the LVMWD tech came to the conclusion that the leak was, in fact, coming from a Las Virgenes Municipal Water District Line in the street.*** The technician assured me that there was no leak coming from any lines from 9118 Santina St (our property). The leak was coming from a LVMWD main line and was leaking so steadily that water was accumulating underground and filling up our septic tank, cesspool, and electrical box in our driveway. Water was also seeping out from under our driveway and into the street.



09/30/2015 – LVMWD Returns to Our Property.

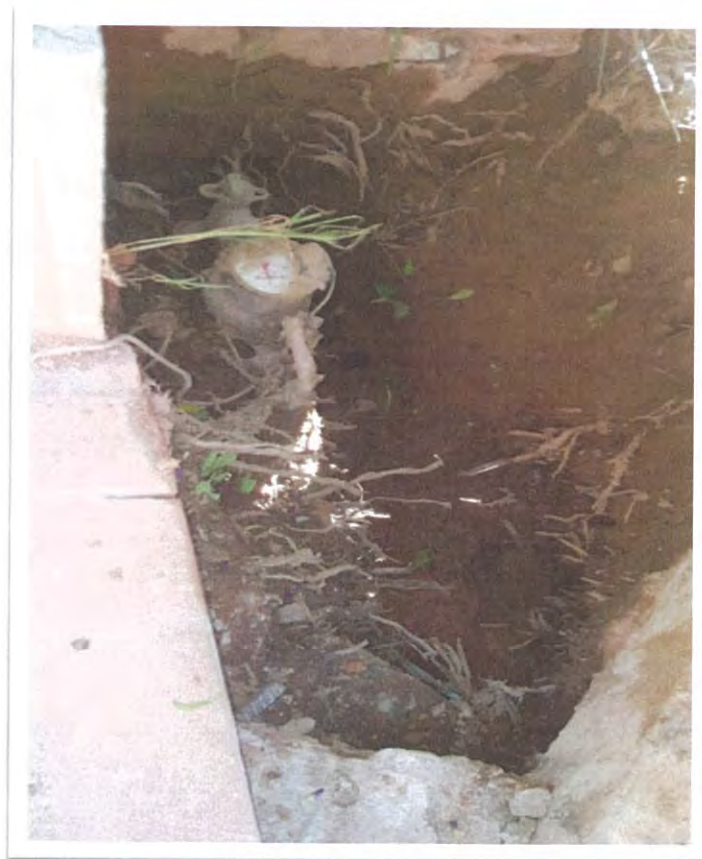
LVMWD came back to our property and we assumed the issue has been fixed since there was no longer any water leaking out of the driveway and streaming into the street. They left traffic cones in the front of our house and we were unable to use the driveway. We were also instructed not to park on the driveway due to underground water damage that may have been caused to the foundation of the concrete driveway. Multiple large holes were dug in front of the property and driveway, making parking extremely difficult. The damage to the driveway needs to be repaired, along with the brick work that was next to the hole where the water meter is stored. We called LVMWD the following day, 10/01/15, and they explained that someone would not be able to come out to fix the holes until 10/06/2015. We currently have four cars and had to park in our neighbor's yard down the street because parking is very limited on our private road. Please note that once LVMWD came out on 10/06/2015 to fix the hole we were still be unable to park in our driveway due to the hazard the water main leak has caused to our driveway foundation. It took LVMWD about three weeks to completely fill all holes in front of our driveway and in the street in front of our house.

Unable to Park in Driveway-



The Plumbing Company instructed us not to park on our driveway because it is unsafe. They explained that since we do not know how long this leakage has been going on, the soil underneath the concrete may be wet and can cause a sinkhole and cave-in the driveway. After all the construction/drilling into the driveway our neighbors have all asked us what is going on. We told them that the LVMWD detected a leak on their end and is leaking under the driveway from the street. Once the neighbors heard this news they said this leak has been going on before we even moved into the property in May 2014. The house was built in 1990 and the water leakage could have been going on for a number of years. We do not feel safe parking our cars in the driveway. We had someone take a look at the damages the water main leak may have caused and came to the conclusion that will need a reinforced foundation under our driveway for safety purposes.

Open Water Main Box.



There was damage done to driveway when LVMWD repaired their leak. Before water main vault was ripped out, red brick was surrounding the area. We need it completely replaced to match our existing design. When LVMWD replaced the water main vault they did not put back existing brick.

Cracks in Driveway.



This photo shows some of the cracks that occurred due to water build up and seepage through the ground underneath the driveway. Main water leak has flooded beneath the concrete and has caused cracking in our driveway and has made it unstable. It is now unsafe to park cars on top of the driveway due to possible sinkhole. The water had streamed out of the cracks in the driveway and has filled up the leaching system in the septic fields which need to be addressed once driveway is removed and properly repaired.

Due to this LVMWD Water Main Leak We Have Incurred the Following Expenses:

- Leaching System Cleaning and hydro jet treatment – **\$2,800.00**
- Plumbing Service Calls - **\$520.00**
- Driveway repairs *Estimate* – **\$7,280.00**
- (3 People) Time off work - **\$2,040.00**

TOTAL COST OF EXPENSES - \$12,640.00

*Please note that not only do we have to deal with these expenses, we had to take numerous days off of work and rush back home when we were needed for plumbers and technicians. Money was paid for expenses and services that were not our fault. We had reached out to LVMWD the moment we saw water coming out of the water main box. We were told it was **our** issue since it was on **our property**. We have had no running water or restroom services for numerous days at a time and have had to park our cars inconveniently away from our property. We had contacted the LVMWD **several times** before the conclusion was made **that the leak was coming from the LVMWD water line and not from the [REDACTED] property.**

- Jeffrey Jones and Angelika Kopacz took 3 Days off from work each - \$230.00 per day = \$690.00 x 2 = **\$1,380.00** (we work in sales so this greatly affects our business not being in the office).
- Jill Jones took 2 Days off work - \$380.00 per day = **\$760.00**

Septic Field Cleaning Costs:

- Pump & Hydro jet (as shown in the receipt above) – Pump septic 1000 gallons and Pump & Hydro jet & Chemical Treatment of the Cesspool **\$2,800.00**
- Costs that have not yet been paid to plumbing company for multiple trips out to property **\$520.00**

Driveway Estimates:

Currently we have a concrete driveway and need it replaced. The brick work on the side near the water box needs to be replaced as well. Reinforcement of the septic system and cesspool system below the driveway need to be addressed. Proper sound reinforcement needs to be put in place under driveway to ensure no future damage will occur to septic/cesspool system and driveway. **\$7,280.00**

Condition of Property as of 12/13/15.

There is still water seeping from the patched holes in the street immediately in front of our driveway that LVMWD made while repairing the leak in the main line. We are fearful that there is continued damage to our property. We would like LVMWD to return and reassess the issue.



February 9, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject : Claim from Shannon Barnholtz

SUMMARY:

On December 30, 2015, the District received the attached claim for an unspecified amount in excess of \$10,000 from Shannon Barnholtz. While walking on Long Valley Road in Hidden Hills on July 1, 2015, the claimant allegedly stepped into an uncapped valve stack, causing a laceration to her shin, eight stitches and permanent scarring. Staff investigated the claim and determined the District was not performing any repairs or maintenance in the area at the time of the incident. The street work was being performed by a paving company under contract with the Hidden Hills Community Association.

RECOMMENDATION(S):

Deny the claim from Shannon Barnholtz.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

DISCUSSION:

On December 30, 2015, the District received the attached claim for an unspecified amount in excess of \$10,000 from Shannon Barnholtz. While walking on Long Valley Road in Hidden Hills on July 1, 2015, the claimant allegedly stepped into an uncapped valve stack, causing a laceration to her shin, eight stitches and permanent scarring. The claimant states that the valve stack was capped the following day and included a photo of a capped valve stack labeled with "Las Virgenes MWD". The photo submitted also indicated that the street was recently be cold

milled in preparation for repaving.

The District was not performing any work in the area at the time of the incident. The road work was being performed by a paving company under contract with the Hidden Hills Community Association. Staff spoke with Association representatives who explained that a claim had not been filed with the Association and that they were unaware of a claim being filed against the paving contractor.

Based on the investigation, staff recommends the claim be denied.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Mary Capps, Secretary

ATTACHMENTS:

Claim from Shannon Barnholtz



DEC3015 10:39AM

Claim Against Las Virgenes Municipal Water District
Government Code Sections 910 and 910.4

Mail or Deliver To: Executive Assistant/ Clerk of the Board
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302

Name of claimant/s: Shannon Barnholtz

Address/location of accident or occurrence:

Address to where replies/notices should be sent (if different from the above):

c/o Brad Barnholtz, Esq., Barnholtz & Kugler, 27240 Tumberry Ln., Ste. 200, Valencia, CA 91355

Tel: (661) 799-9140

Fax: (661) 799-9160

Telephone numbers: Home: See above Work/Cell: See above

Please answer the following questions. If more space is required, please attach additional sheets. **Please attach any receipts, invoices, estimates or photos that may help in consideration of your claim.** See attached Exhibits 1-4

1. When did damage or injury occur? (Give exact date and hour)
Injury occurred at approximately 10:00 am on July 1, 2015.
2. Where did the damage or injury occur?
Injury occurred on Long Valley Rd., Hidden Hills, CA.
3. How did the damage or injury occur? (Give full details)
Claimant was walking and stepped into an open hole normally capped off along the edge of the roadway. There were no warnings, cones, or signs indicating the open hole. The next day, the cap had been replaced.
4. What damage or injuries do you claim?
Claimant sustained a laceration to her right shin area below the knee, resulting in 8 stitches to the area, significant pain and abrasion, and permanent scarring.

5. If this claim is for damage to property, are you the legal owner of said property?
Yes No . If not, please list name and address of property owner.

Not applicable. Claim is for personal injury.

6. What is the name/s of the District employee/s causing the injury, damage or loss, if known?
Unknown at this time.

7. If District employees were involved in causing the damage or injury, do you believe there was a particular act or omission on the part of the employees that caused it?

Yes. District employees removed the street cap and left the opening unattended and failed to place any warnings concerning a known damagerous condition of the property.

8. What is the amount the damages claimed? (Attach copies of receipts, invoices, estimates, photos, etc.)

Amount claimed as of this date: \$ _____

Estimated amount of future expenses: \$ _____


Total Amount Claimed: \$ _____

The amount claimed totals more than \$10,000.00. Pursuant to Gov't Code §910(f), Claimant therefore provides no dollar figure at this time. The claim, however, would not be a limited civil case.

Basis for computation of amounts claimed: Medical expenses incurred and general damages for pain, suffering and disfigurement.

9. Other details? (Names, addresses of witnesses, doctors and hospitals)

Claimant was treated at West Hills Hospital, 7300 Medical Center Drive, West Hills, CA.



Signature of Claimant or Person Acting on Claimant's Behalf
Brad Barnholtz, Esq.

12/30/2015

Date

Attorney for Claimant

This claim must be signed by claimant or by an authorized agent of the claimant. One copy must be filed with this office. Keep one copy for your records.

Notice: Section 72 of the Penal Code provides: "Every person who, with intent to defraud, presents for allowance or for payment to any state board or officer, or to any county, town, city, district, ward or village board or officer, authorized to allow or pay the same if genuine, any false or fraudulent claim, bill, account, voucher, or writing, is guilty of a felony".

Date Received: 12/30/15 Time: 10:39AM Recorded by: Joni Deyman

Note: This document is a Public Record and may be disclosed/released pursuant to the California Public Records Act.

EXHIBIT 1

[to Las Virgenes Municipal Water District
Claim Form]



EXHIBIT 2

[to Las Virgenes Municipal Water District
Claim Form]



EXHIBIT 3

[to Las Virgenes Municipal Water District
Claim Form]



EXHIBIT 4

[to Las Virgenes Municipal Water District
Claim Form]





February 9, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject : Claim from Santos Flaniken

SUMMARY:

On December 29, 2015, the District received the attached claim, in the amount of \$250.00, from Santos Flaniken of Malibu. The claimant has received a notice from the District on December 18, 2015, notifying him of a leak at his water meter. The claimant hired a plumber who determined the leak at the meter was coming from the gasket on the District-side of the meter. Staff confirmed the location of the leak.

Based on the circumstances, the General Manager approved settlement of the claim in the amount of \$250.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Mary Capps, Secretary

ATTACHMENTS:

Claim from Santos Flaniken

Santos Flaniken
[REDACTED]

January 5, 2015

Las Virgenes Water
Attention: Travis

Re: Water Meter Leak & Claim against LVMWD - [REDACTED]
Malibu

Dear Travis,

As you requested:

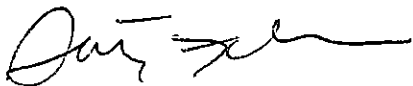
Enclosed is the **LVMWD's Claim Form**, the **bill from Allon Plumbing** and a **copy of LVMWD's water bill**.

As you can see from the LVMWD statement, my water bill has sustained an increase over the past few months, only showing a reduction when I shut the water off randomly in September, October and November, which indicates that LVMWD's water leak, although slight, has been ongoing since April of 2015.

It appears that I have been charged for excessive water use, which in reality, was a result of LVMWD's subsurface leak at the meter proper.

I am hopeful you can review this with your management team, make an adjustment on my bill and a reimbursement for the plumbing investigations.

Thank you,



Santos Flaniken



Claim Against Las Virgenes Municipal Water District
Government Code Sections 910 and 910.4

Mail or Deliver To: Executive Assistant/ Clerk of the Board
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302

Name of claimant/s: MR. SANTOS FLANIKEN

Address/location of accident or occurrence:



Address to where replies/notices should be sent (if different from the above):

N/A

BEST #

Telephone numbers: Home: [Redacted] Work/Cell: [Redacted]

Please answer the following questions. If more space is required, please attach additional sheets. Please attach any receipts, invoices, estimates or photos that may help in consideration of your claim.

1. When did damage or injury occur? (Give exact date and hour)
12/18/2015 WAS GIVEN A NOTICE FROM LVMWD INSPECTOR.
2. Where did the damage or injury occur?
WATER METER AT SUBJECT PROPERTY WAS LEAKING AT LVMWD METER.
3. How did the damage or injury occur? (Give full details)
APPEARS THAT "GASKET" ON LVMWD PORTION WAS CAUSE OF LEAK. NOT RESPONSIBILITY OF CUSTOMER *SEE CONTRACTOR BILLING
4. What damage or injuries do you claim?
CUSTOMER CALLED 24-HOUR EMERGENCY PLUMBING CONTRACTOR TO ASSESS CAUSE OF LEAK. PD. #210 = to determine cause of leak -

5. If this claim is for damage to property, are you the legal owner of said property?
Yes No . If not, please list name and address of property owner.

6. What is the name/s of the District employee/s causing the injury, damage or loss, if known?

7. If District employees were involved in causing the damage or injury, do you believe there was a particular act or omission on the part of the employees that caused it?

8. What is the amount the damages claimed? (Attach copies of receipts, invoices, estimates, photos, etc.)

Amount claimed as of this date: \$ _____

Estimated amount of future expenses: \$ _____

Total Amount Claimed: \$ _____

Basis for computation of amounts claimed: _____

9. Other details? (Names, addresses of witnesses, doctors and hospitals)

Signature of Claimant or Person Acting on Claimant's Behalf

Date

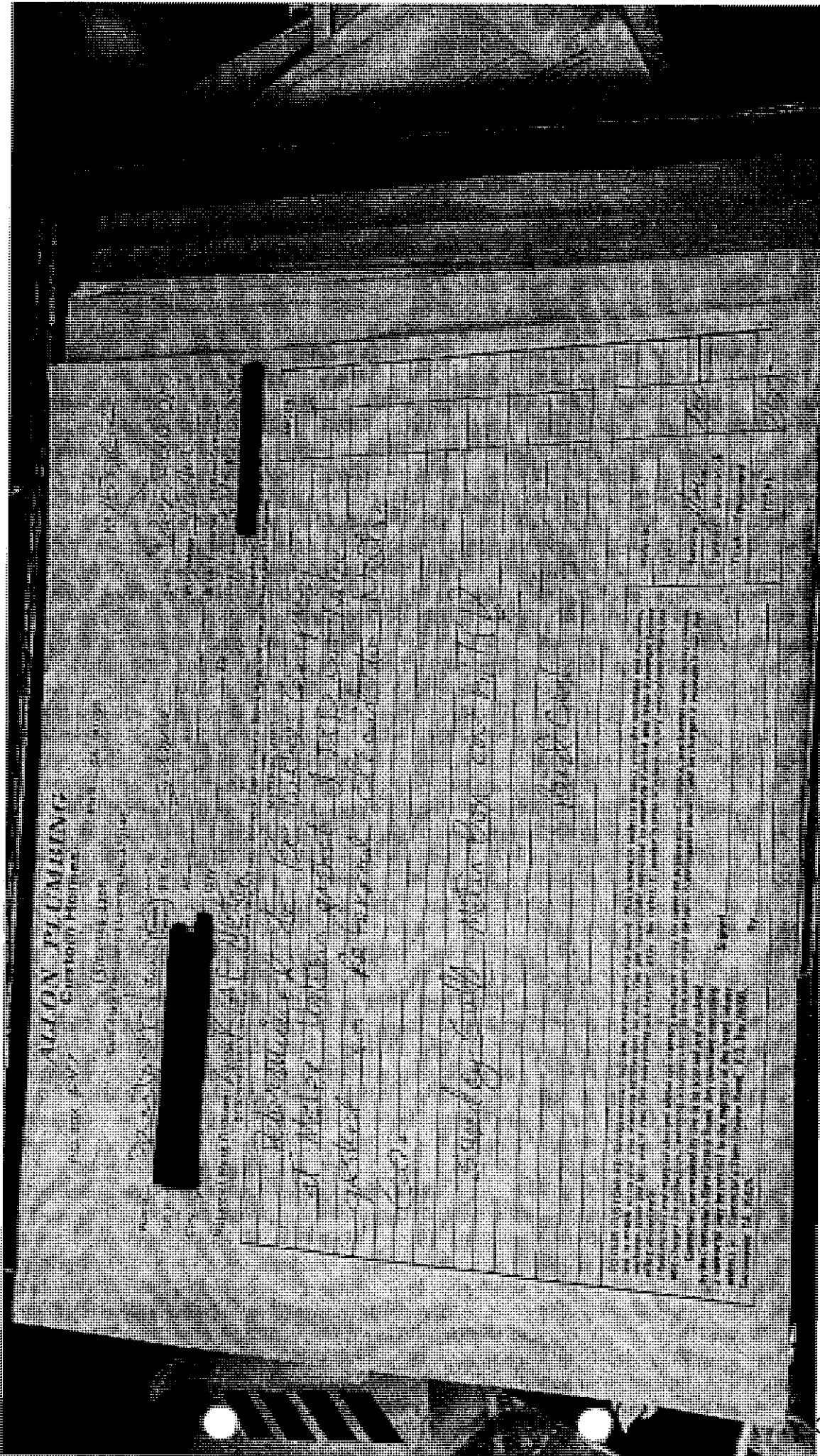
This claim must be signed by claimant or by an authorized agent of the claimant. One copy must be filed with this office. Keep one copy for your records.

Notice: Section 72 of the Penal Code provides: "Every person who, with intent to defraud, presents for allowance or for payment to any state board or officer, or to any county, town, city, district, ward or village board or officer, authorized to allow or pay the same if genuine, any false or fraudulent claim, bill, account, voucher, or writing, is guilty of a felony".

Date Received: _____ Time: _____ Recorded by: _____

Note: This document is a Public Record and may be disclosed/released pursuant to the California Public Records Act.

PG 30R3





4232 Las Virgenes Road, Calabasas, CA 91302-1994 (818) 251-2200 • www.LVMWD.com

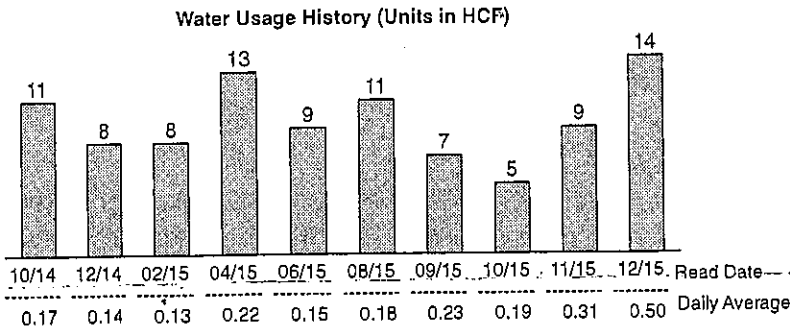
Member Agency of Metropolitan Water District of Southern California

622

Mailing Information		Account Information		
SANTOS FLANIKEN		Customer #	Account #	Classification
			0000912036	Residential
		Service Location		Bill #
				2699331

Meter Information					Billing Summary	
Meter Size	3/4x1"	Meter #	51346376	Bill Date	12/23/2015	
From	To	Days	Previous	Current	Units	
11/19/15	12/17/15	28	309	323	14	
					Previous Balance	\$43.81
					2% Late Fee	\$0.88
					Payment - Thank you	\$43.81CR
					Balance Forward	\$0.88

Charges				Totals
WATER	(1 Unit=100 Cubic Feet = 748 Gallons)			
Tier 1	8 UNITS x	Rate	\$2.31	Amount
Tier 2	6 UNITS x	\$2.80		\$16.80
Total Usage	14 UNITS			\$35.28
Elevation Charge - Zone 3	14 UNITS x	\$0.74		\$10.36
Readiness To Serve Charge				\$15.87
Current Charge				\$61.51



Total Amount Due **\$62.39**

To estimate your WATER BUDGET for January 2016, please go to www.LVMWD.com/mywaterbudget

Please return this portion with your payment. Make checks payable to LVMWD.
Please Do Not Staple to Check

Customer Number	Account Number
061741	0000912036
Bill Date	Due Date
12/23/2015	1/06/2016
Total Amount Due	
\$62.39	

SANTOS FLANIKEN

Please show payment amount _____

For Credit Card Payments Call 1-855-273-3987



February 9, 2016 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Resource Conservation & Public Outreach

Subject : Consulting Services to Support Water Budget Development

SUMMARY:

On April 8, 2014, the Board approved a professional services agreement with Eagle Aerial Imaging, in the amount of \$49,220, for aerial imagery pertaining to water budgets. In January 2015, anticipating worsening drought conditions, staff presented a plan to accelerate the implementation of water budgets to January 1, 2016, six months ahead of the original schedule. The schedule modification resulted in the need for additional support by the consultant to develop critical irrigated area information, which was envisioned to be performed by interns and temporary staff under the original schedule. Budgeted funds intended for additional interns and temporary staff were re-allocated to fund the consultant's work.

Following is a list of additional work items performed by Eagle Aerial Imaging as the need arose to meet the scheduled implementation deadline. Individual contracts for the additional work items were administratively approved by the General Manager and within his approval authority.

1. Calculate irrigated areas for recycled water, multi-family and commercial accounts (January 21, 2015). Cost = \$9,000.
2. Correlate water usage for parcels categorized as "potentially irrigated" to determine whether the proper classification is "irrigated" or "not irrigated" and manually review all large parcels for accuracy of classification (February 9, 2015). Cost = \$25,000.
3. Perform in-depth analysis of 1,000 parcels to confirm irrigated area information provided by customers in the water budget questionnaire (October 22, 2015). Cost = \$8,300.
4. Analyze 7,500 parcels which have irrigated areas outside of the property boundaries (January 20, 2016). Cost = \$13,650.

The total cost of these additional services was \$55,950, which is reimbursable through the Proposition 84 grant the District received for water budget development.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

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

ITEM 10A


 MWD MEETING
AGENDA


THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

Board Meeting
Meeting with Board of Directors

February 9, 2016

12:00 p.m. -- Board Room

MWD Headquarters Building

700 N. Alameda Street

Los Angeles, CA 90012

1. Call to Order

(a) Invocation: Kelly Bowen, Principal HR Training Specialist, Human Resources Group

(b) Pledge of Allegiance: Director Steve Blois

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 January 12, 2016. (A copy has been mailed to each Director) Any additions, corrections, or omissions

Draft Minutes

B. Report on Directors' events attended at Metropolitan expense for month of January

C. Presentation of five-year service pin to Director Michael Camacho, representing Inland Empire Utilities Agency

D. Approve 30-day leave of absence for Director Cynthia Kurtz, effective February 29, 2016

E. Approve committee assignments

F. Chairman's Monthly Activity Report

6. DEPARTMENT HEADS' REPORTS

A. General Manager's summary of Metropolitan's activities for the month of January

B. General Counsel's summary of Legal Department activities for the month of January

C. General Auditor's summary of activities for the month of January

D. Ethics Officer's summary of activities for the month of January

7. CONSENT CALENDAR ITEMS — ACTION

- 7-1 Authorize amendment to reimbursable agreement with the Los Angeles Department of Water and Power to refurbish solids lagoons for the Joseph Jensen Water Treatment Plant. (E&O)

7-1 Board Letter and Attachment

- 7-2 Appropriate \$650,000; and award \$270,099.36 procurement contract to CS Associated Municipal Sales Corporation for gate valves at the Colorado River Aqueduct pumping plants (Approp. 15438). (E&O)

7-2 Board Letter and Attachments

- 7-3 Appropriate \$550,000; and authorize design and procurement of standby generators for the San Dimas and Red Mountain Power Plants (Approp. 15480). (E&O)

7-3 Board Letter and Attachments

- 7-4 Authorize a long-term ground lease to Verizon Wireless for a telecommunications equipment site on Metropolitan fee-owned property located in the unincorporated area of Los Angeles County, near the city of La Verne. (RP&AM)

7-4 Board Letter and Attachment

8. OTHER BOARD ITEMS — ACTION

- 8-1 Set combined public hearing for estimated water rates and charges and ad valorem property tax for calendar years 2017 and 2018 to meet the revenue requirements for fiscal years 2016/17 and 2017/18. (F&I)

8-1 Board Letter

- 8-2 Authorize: (1) agreement with the State Water Contractors, Inc. to pursue 2016 Sacramento Valley water transfer supplies; and (2) \$5 per acre-foot initial administrative deposit not to exceed \$500,000 from the Water Management Fund. (WP&S)

8-2 Board Letter

- 8-3 Appropriate \$15 million; award \$11,555,000 contract to Kiewit Infrastructure West Co. for Stage 2 lining repairs on the Etiwanda Pipeline; and authorize increase of \$120,000 to an agreement with Helix Environmental Planning, Inc., for a new not-to-exceed total of \$520,000 (Approp. 15441). (E&O)

8-3 Board Letter and Attachments

- 8-4 Authorize increase of \$3 million for capital projects costing less than \$250,000 for fiscal years 2014/15 and 2015/16 (Approp. 15489). (E&O)

8-4 Board Letter and Attachment

- 8-5 Approve entering into salary agreements between the Metropolitan Water District of Southern California and American Federation of State, County and Municipal Employees, Local 1902 (AFSCME), the Management and Professional Employees Association (MAPA), and the Supervisors Association (Association). (OP&T) [Conference with labor negotiators; to be heard in closed session pursuant to Gov. Code Section 54957.6. Metropolitan representative: Stephen V. Lem, Manager of Labor Relations and EEO Investigations Section. Employee organizations: The Employees Association of The Metropolitan Water District of Southern California/AFSCME Local 1902; The Management and Professional Employees Association MAPA/AFSCME Chapter 1001; and the Supervisors Association]

8-5 Board Letter

- 8-6 Authorize extension of the contract term for one year with Quigley Simpson & Hepplewhite, Inc. for a water awareness and conservation advertising campaign; and to increase the contract value by \$2.2 million for a new not to exceed amount of \$7.7 million over the full term of the contract. (C&L) (To be mailed separately)

9. BOARD INFORMATION ITEMS

- 9-1 Update on purchase or acquisition of an option to purchase property from Delta Wetlands Properties located in Contra Costa, San Joaquin, and Solano Counties. (RP&AM) Conference with real property negotiators; Property is approximately 20,369.80 acres, identified as Contra Costa County Assessor's Parcel Nos. 026-060-003-6, 026-060-007-7, 026-060-008-5, 026-060-015-0, 026-060-016-8, 026-060-017-6, 026-060-018-4, 026-060-019-2, 026-070-001-8, 026-070-006-7, 026-070-010-9, 026-070-011-7, 026-070-012-5, 026-070-013-3, 026-080-004-0, 026-080-005-7, 026-080-006-5, 026-080-007-3, 026-080-008-1, 026-080-009-9; 023-040-026-9, 023-040-027-7, 023-050-001-9, 023-050-002-7, 023-070-011-4, 023-070-012-2, 023-080-010-4, 023-080-011-2, 023-090-001-1, 023-090-003-7, 023-090-004-5, 023-100-001-9, 023-100-002-7, 023-100-004-3, 023-100-007-6, 023-100-008-4; San Joaquin County Assessor's Parcel Nos. 129-050-01, 129-050-02, 129-050-03, 129-050-04, 129-050-05, 129-050-06, 129-050-07, 129-050-08, 129-050-09, 129-050-11, 129-050-12, 129-050-13, 129-050-14, 129-050-15, 129-050-16, 129-050-17, 129-050-18, 129-050-19, 129-050-24, 129-050-25, 129-050-26, 129-050-27, 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08, 069-100-09, 069-100-10, 069-100-11; and Solano County Assessor's Parcel No. 090-060-010; agency negotiators: Jeff Kightlinger, Stephen Arakawa, and Bryan Otake; negotiating parties: Metropolitan and Delta Wetlands Properties; under negotiation: price and terms; to be heard in closed session pursuant to Gov. Code Section 54956.8]

- 9-2 Proposed biennial budget and revenue requirements for fiscal years 2016/17 and 2017/18; estimated water rates and charges for calendar years 2017 and 2018 to meet revenue requirements; and ten-year forecast. (F&I)

9-2 Board Letter and Attachments

10. FOLLOW-UP ITEMS

None

11. FUTURE AGENDA ITEMS

12. ADJOURNMENT

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

This committee reviews items and makes a recommendation for final action to the full Board of Directors. Final action will be taken by the Board of Directors. Agendas for the meeting of the Board of Directors may be obtained from the Board Executive Secretary. This committee will not take any final action that is binding on the Board, even when a quorum of the Board is present.

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.