



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, complete a speakers' card, and hand it to the Clerk of the Board. Speakers will be recognized in the order the cards are received. A live webcast of the meeting will be available at LVMWD.com. Also, a web-based version of the speaker card is available for those who would like to submit written comments electronically or request to make public comment by telephone during the meeting.

The Public Comments agenda item is presented to allow the public to address the Board on matters not on the agenda. The public may also present comments on matters on the agenda; speakers for agendized items will be recognized at the time the item is called up for discussion.

Materials prepared by the District in connection with the 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 request to the Clerk of the Board.

9:00 AM

February 4, 2020

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**

Matters listed under the Consent Calendar are considered to be routine, non-controversial and normally approved with one motion. If discussion is requested by a member of the Board on any Consent Calendar item, or if a member of the public wishes to comment on an item, that item will be removed from the Consent Calendar for separate action.

- A **List of Demands: February 4, 2020 (Pg. 5)**
Receive and File
- B **Minutes: Regular Meetings of December 17, 2019 and January 7, 2020 (Pg. 46)**
Approve
- C **Cash and Investment Report: December 2019 (Pg. 67)**
Receive and file the Cash and Investment Report for December 2019.
- D **Financial Review: Second Quarter of Fiscal Year 2019-20 (Pg. 84)**
Receive and file the financial review for the second quarter of Fiscal Year 2019-20.
- E **Fiscal Year 2018-19 Popular Annual Financial Report (Pg. 102)**
Receive and file the Fiscal Year 2018-19 Popular Annual Financial Report.

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

- A **MWD Representative Report (Pg. 120)**
- B **Legislative and Regulatory Updates (Pg. 125)**
- C **Water Supply Conditions Update (Pg. 161)**

6 **TREASURER**

7 **BOARD OF DIRECTORS**

- A **Attendance at MWD Board and Committee Meetings (Pg. 163)**
Consider the request by Director Lynda Lo-Hill that her attendance at MWD Board and Committee meetings be authorized as a day of service, which would qualify for per diem compensation and expense reimbursement.
- B **Local Agency Formation Commission: Election of Special District Representative (Pg. 165)**
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 16, 2020.

8 **FACILITIES AND OPERATIONS**

A **Award of Fiscal Year 2019-2020 Vehicle Replacement Program (Pg. 173)**

Authorize the General Manager to issue purchase orders to Elk Grove Auto Group of Elk Grove, in the amount of \$142,610.26, for three Dodge Ram 1500 4x4 quad cab trucks and two Dodge Ram 1500 4x2 quad cab trucks, and Fritts Ford of Riverside, in the amount of \$28,936.20, for a Transit Connect 6-passenger van.

B **Infrastructure Investment Plan: Fiscal Years 2020-21 through 2029-30 (Pg. 176)**

Receive and file the LVMWD Infrastructure Investment Plan for Fiscal Years 2020-21 through 2029-30.

9 **FINANCE AND ADMINISTRATION**

A **Potable Water Standby Charge: Adoption of Ordinance (Pg. 341)**

Waive the full reading of proposed Ordinance No. 282 as it relates to continuation of the Water Replacement Fund Standby Charge for Fiscal Year 2020-21; give second reading of the Ordinance by title only; pass, approve and adopt the Ordinance as presented; and order publication within 15 days of adoption using a summary of the Ordinance.

ORDINANCE NO. 282 (SECOND READING AND ADOPTION)

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, 2020

(Reference is hereby made to Ordinance No. 282 on file in the District's Ordinance Book and by this reference the same is incorporated herein.)

B **Selection of Bond Counsel for Potential Future Debt Issuance: Award (Pg. 345)**

Authorize the General Manager to execute an initial five-year contract with Stradling Yocca Carlson & Rauth, in the amount of \$50,000, with optional extensions for up to five additional years, for bond counsel services.

C **Reimbursement Resolution for the AMR/AMI Project: Adoption (Pg. 347)**

Pass, approve and adopt proposed Resolution No. 2569, authorizing the reimbursement of funds utilized for the Automatic Meter Reading/Advanced Metering Infrastructure Project from debt proceeds.

RESOLUTION NO. 2569

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT REGARDING THE DISTRICT'S INTENTION TO ISSUE TAX-EXEMPT OBLIGATIONS

(Reference is hereby made to Resolution No. 2569 on file in the District's Resolution Book and by this reference the same is incorporated herein).

10 **INFORMATION ITEMS**

A **Adequacy and Capacity of Westlake Dam Spillway (Pg. 353)**

11 **NON-ACTION ITEMS**

A **Organization Reports**

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

C **General Manager Reports**

(1) General Business

(2) Follow-Up Items

D **Director's Comments**

12 **FUTURE AGENDA ITEMS**

13 **PUBLIC COMMENTS**

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14 **CLOSED SESSION**

15 **OPEN SESSION AND ADJOURNMENT**

Pursuant to Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and applicable federal rules and regulations, requests for a disability-related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting, should be made to the Executive Assistant/Clerk of the Board in advance of the meeting to ensure availability of the requested service or accommodation. Notices, agendas, and public documents related to the Board meetings can be made available in appropriate alternative format upon request.

LAS VIRGENES MUNICIPAL WATER DISTRICT

To: LYNDA LO-HILL, TREASURER

Payments for Board Meeting of : February 4, 2020

Deputy Treasurer has verified that all checks and wire transfers were issued in conformance with LVMWD Administrative Code Section 2-6.203.

Wells Fargo Bank A/C No. 4806-994448

Checks Nos. 83973 through 84171 were issued less voids/stop payments in the total amount of \$ 875,150.51

Payments through wire transfers as follows:

Sub-Total Wires	\$ -
Total Payments	\$ 875,150.51

(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
02/04/20**

Company Name	Company No.	Check No. 83973 thru 84020 01/07/20	Check No. 84021 thru 84061 01/14/20	Check No. 84062 thru 84126 01/21/20	Check No. 84127 thru 84171 01/28/20
		Amount	Amount	Amount	Amount
Potable Water Operations	101	27,021.57	11,203.96	38,160.08	56,221.86
Recycled Water Operations	102			4,465.00	4,465.00
Sanitation Operations	130	2,183.91		1,024.04	59,792.23
Potable Water Construction	201			558.20	558.20
Water Conservation Construction	203				-
Sani- Construction	230				-
Potable Water Replacement	301			9,585.35	4,024.00
Reclaimed Water Replace	302				
Sanitation Replacement	330		1,740.53		
Internal Service	701	82,367.34	51,671.12	40,170.12	39,764.83
JPA Operations	751	85,143.42	55,699.14	12,489.13	91,938.05
JPA Construction	752				
JPA Replacement	754	48,709.30	116,932.28	30,731.55	3,803.50
Total Printed		245,425.54	237,247.03	137,183.47	255,544.47
Voiced Checks/payment stopped:					
Check #81465	101	(250.00)			(250.00)
Total Voids		(250.00)			(250.00)
Net Total		245,175.54	237,247.03	137,183.47	875,150.51

Batch Number - 277144

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Itr Co	Amount	Invoice Number
83973	01/07/20	19269	ACC BUSINESS	INTERNET 11/11-12/10/19	PV	167994	001 00701	913.82	193476506
				9					
83974	01/07/20	2321	ACWA	Payment Amount 2020 ANNUAL DUES	PV	167934	001 00701	23,010.00	LVMWD-2020DUE S
83975	01/07/20	19264	A TO Z LAW	Payment Amount JPA COUNSEL SRV-NOV'19	PV	167992	001 00701	462.00	57058
83976	01/07/20	2869	AT&T	Payment Amount SRV 12/20/19-1/19/20	PV	167930	001 00101	211.83	2150/122019
83977	01/07/20	9531	AT&T LONG DISTANCE	Payment Amount LONG DIST 11/1-12/1/19	PV	167929	001 00701	.50	806368136/120 419
83978	01/07/20	20491	BEST BEST & KRIEGER LLP	Payment Amount WEBINAR/BROWN ACT 1/16	PV	167964	001 00701	150.00	806368136/120 419
83979	01/07/20	18071	BLUE DIAMOND MATERIALS	Payment Amount 2.07 TN A/C 5/8 FINE	PV	167972	001 00701	116.55	1739108
83980	01/07/20	21446	BRAX COMPANY INC.	Payment Amount DRIVE SHAFT/BEARING KIT	PV	167974	001 00701	4,475.27	29313
83981	01/07/20	4490	CALIFORNIA WATER EFFICIENCY PARTNERSHIP	Payment Amount CALWEP/AWE DUES 2020	PV	167933	001 00701	2,036.26	MD-2020-147
83982	01/07/20	18107	CAROLLO ENGINEERING, INC	Payment Amount P/E 10/31-PURE WTR DEMO	PV	167981	001 00701	37,670.50	0182329
				Payment Amount				37,670.50	

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item Co	Amount	Invoice Number
83983	01/07/20	7884	CHARLES CASPARY	SHTL-ACWA LEG	PV	167960	001 00701	1.00	071219
				MTG 7/12/19					
				BUS-ACWA LEG	PV	167961	001 00701	2.00	082319
				MTG 8/23/19					
				BUS-ACWA LEG	PV	167962	001 00701	2.00	102519
				MTG 10/25/19					
				MLG-ACWA CONF	PV	167963	001 00701	177.48	120619
				12/3-12/6/19					
				Payment Amount				182.48	
83984	01/07/20	18992	CDW GOVERNMENT	KVM SWITCH-SRVR RM	PV	167931	001 00701	2,339.11	WCL8222
				Alt Payee					
			19010 CDW GOVERNMENT						
			75 REMITTANCE DR., SUITE 1515						
			CHICAGO IL 60675-1515						
				Payment Amount				2,339.11	
83985	01/07/20	20797	CHRIS' MOBILE TIRE SERVICE	(4) TIRES-VEH#711	PV	167953	001 00701	1,114.72	233014
				Payment Amount				1,114.72	
83986	01/07/20	4586	CONSOLIDATED ELECTRICAL DISTRIBUTORS	ELECTRIC PANEL	PV	167971	001 00701	94.07	9009-401352
				Payment Amount				94.07	
83987	01/07/20	14476	CUSTOM INDUSTRIAL SHEET METAL, INC.	SOUND COVER-L/S1	PV	167975	001 00701	2,088.17	32917
				Payment Amount				2,088.17	
83988	01/07/20	20685	DOCUMENT SYSTEMS INC	11/24-12/23 CANON MNT CS	PV	167984	001 00701	59.38	119383
				Payment Amount				59.38	
83989	01/07/20	2654	FAMCON PIPE	HYTROL COVER	PV	167970	001 00701	5,502.38	S100018132.00
				HYTROL STEM	PV	167989	001 00701	2,627.20	S100018130.00
				COUPLINGS	PV	167990	001 00701	1,051.20	S100019243.00
				Payment Amount				9,180.78	
83990	01/07/20	2659	FENCE FACTORY	FENCE RPR-WLK	PV	167958	001 00101	2,477.00	115566
				Payment Amount				2,477.00	

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Batch Number - 277144
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Number	Key ltm	Co	Amount	Invoice Number
83991	01/07/20	6770	G.I. INDUSTRIES	12/1-12/15 SHOP BLDG	PV	167998	001	00701	848.79	2526480-0283-3
Alt Payee 6771 G.I. INDUSTRIES P. O. BOX 541065 LOS ANGELES CA 90054-1065										
83992	01/07/20	20970	GARDA CL WEST, INC.	EXCESS TIME FEES 11/4 & 15	PV	167993	001	00701	5.90	20410284
Payment Amount 848.79										
83993	01/07/20	4525	HARRINGTON INDUSTRIAL PLASTICS INC.	COUPLINGS & FLANGES	PV	167951	001	00751	1,600.54	005C7382
Payment Amount 5.90										
Alt Payee 7132 HARRINGTON INDUSTRIAL PLASTICS LLC P. O. BOX 5128 CHINO CA 91708-5128										
83994	01/07/20	20031	HYDROPOINT DATA SYSTEMS, INC.	CLIMATE IQ SRVS	PV	167987	001	00701	11,575.67	102965
Payment Amount 1,600.54										
83995	01/07/20	3511	ICE MACHINE SALES & SERVICE CO.	SRV ICE MACH-HQ	PV	167949	001	00701	530.47	0195239-JN
Payment Amount 11,575.67										
83996	01/07/20	2727	IDEXX LABORATORIES	COLILERTS	PV	167947	001	00701	2,213.01	3057270070
Payment Amount 530.47										
Alt Payee 6447 IDEXX LABORATORIES P. O. BOX 101327 ATLANTA GA 30392-1327										
83997	01/07/20	20856	INTERNATIONAL PRINTING & TYPESETTING INC	CURRENT FLOW #4	PV	167988	001	00701	2,176.65	22262
Payment Amount 3,252.60										
83998	01/07/20	21197	JACOBS ENGINEERING GROUP INC.	PIE 11/22-WHT PAPER STDY	PV	167982	001	00701	22,210.20	W9Y23500-008
Payment Amount 2,176.65										

Batch Number - 277144

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item Co	Amount	Invoice Number
83999	01/07/20	2611	LA DWP	RECTIFIER 11/25--12/27/1 9	PV	168001	001 00101	42.20	851260/122719
Payment Amount 22,210.20									
84000	01/07/20	3038	LARRY WALKER & ASSOC	P/E 10/31-TAPIA CHL STDY	PV	167980	001 00701	22,397.00	00532.02-20
Payment Amount 42.20									
84001	01/07/20	3352	LAS VIRGENES MUNICIPAL WATER DISTRICT	FIRE PRTC#7 11/13--12/11	PV	167935	001 00701	7.50	2654/121819
Payment Amount 22,397.00									
				BLDG#2 11/13--12/11	PV	167936	001 00701	333.79	2658/121819
				BLDG#7 11/13--12/11	PV	167937	001 00701	732.98	2656/121819
				RLV FARM 11/13--12/11	PV	167938	001 00751	149.25	2080/121819
				L/S#2 11/14--12/12	PV	167939	001 00130	47.87	0570/121819
				L/S#1 11/14--12/12	PV	167940	001 00130	47.87	1775/121819
				JED SMTH P/S 11/11--12/9	PV	167941	001 00101	47.87	0254/121819
				TAPIA 11/13--12/11	PV	167942	001 00751	435.67	1760/121819
				RLV 11/13--12/11	PV	167943	001 00751	352.67	2090/121819
				HQ BD#1 11/13--12/11	PV	167944	001 00101	306.95	2620/121819
				HO BD#8 11/13--12/11	PV	167945	001 00701	292.98	2647/121819
				FIRE PRTC#8 11/13--12/11	PV	167946	001 00701	7.50	2650/121819
Payment Amount 2,762.90									
84002	01/07/20	21463	LOREN BRUGGER WELDING	LEAK RPR-AGOURA RD	PV	167956	001 00101	750.00	04809
Payment Amount 750.00									
84003	01/07/20	20849	WILLIAM J. MCDERMOTT	CELL PHN 2/19--12/19	PV	168002	001 00701	812.84	CELL/020119--1 23119

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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 Code		Number
84004	01/07/20	3605	MITCHELL INSTRUMENT .CO.	Payment Amount FACESHIELD & GLOVES	PV	167957	001 00701	812.84 550.92	121119V05
84005	01/07/20	21294	MLC AND ASSOCIATES, INC.	Payment Amount '19 HAZ MITGTN PLAN	PV	167983	001 00701	550.92 900.00	1522
84006	01/07/20	2839	MOTION INDUSTRIES, INC.	Payment Amount ROLLER BRGS	PV	167976	001 00701	900.00 152.08	CA22-650759
84007	01/07/20	2365	MOTION INDUSTRIES INC. FILE 749376 LOS ANGELES CA 90074	Payment Amount P/E 11/30-PLC DSGN/PRGM	PV	167985	001 00701	5,656.01 11,038.80	6368
84008	01/07/20	2842	NAPAAUTO PARTS	Payment Amount WIPER BLADES	PV	167982	001 00701	11,038.80 150.04	CA22-650895 CA22-651058
84009	01/07/20	3110	GLEN PETERSON	Payment Amount MWD REP FEE-DEC'19	PV	167991	001 00701	150.04 2,200.00	13
84010	01/07/20	17334	QAIR CALIFORNIA	Payment Amount SRV IR COMP-WLFP	PV	167950	001 00101	2,200.00 657.50	56611
84011	01/07/20	2957	SOUTHERN CALIFORNIA EDISON	Payment Amount RLV CMPST-DL 11/22-12/23/1	PV	167996	001 00751	657.50 197.59	3293-30/12271 9
84012	01/07/20	2957	SOUTHERN CALIFORNIA EDISON	Payment Amount RLF COMPST 11/22-12/23/1	PV	167997	001 00751	197.59 18,077.97	5165-46/12241 9
84013	01/07/20	2958	SOUTHERN CALIFORNIA EDISON	Payment Amount CONDUIT	PV	168000	001 00101	18,077.97 14.79	8400/122319

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key ltm	Key Co	Amount	Invoice Number
			CALIFORNIA	11/19--12/19/1						
			GAS CO	9						
				Payment Amount					14.79	
84014	01/07/20	11907	STARQUEST VENTURES, INC.	SQDR MNT	PV	167932	001	00701	1,300.00	1028895
				2/1/20--1/31/2						
				1						
				Payment Amount					1,300.00	
84015	01/07/20	9505	TIRE MAN AGOURA	RPR	PV	167955	001	00701	25.00	2085303
				FLAT-VEH#895						
				Payment Amount					25.00	
84016	01/07/20	3429	UNITED PARCEL SERVICE	PKG	PV	167959	001	00701	14.87	000025W020509 /2019
				DLVRD-11/27						
				Payment Amount					14.87	
84017	01/07/20	2436	VINCE BARNES AUTOMOTIVE	PLUGS/TRANS/O	PV	167965	001	00701	549.21	024304
				IL-#890						
				OIL/FILTERS-#	PV	167966	001	00701	98.71	024307
				920						
				TRANS/OIL/RPR	PV	167967	001	00701	506.62	024318
				SEAT-#902						
				BRKS/ROTOR/S/O	PV	167968	001	00701	611.23	024326
				IL-#922						
				OIL/FILTERS-#	PV	167969	001	00701	88.20	024328
				857						
				Payment Amount					1,853.97	
84018	01/07/20	18521	WALTON MOTORS & CONTROLS, INC.	REBUILD SOHP	PV	167973	001	00701	8,401.17	41450
				PMP MTOR						
				Payment Amount					8,401.17	
84019	01/07/20	3025	WATER & SANITATION SRV./VENTURA COUNTY	PCH WTR	PV	167999	001	00101	15,994.50	1907283
				11/19--12/17						
				Payment Amount					15,994.50	
84020	01/07/20	4830	WEST COAST ROTOR	ROTOR & STATOR	PV	167979	001	00701	22,803.38	28368
				Payment Amount					22,803.38	
				Total Amount of Payments Written					245,425.54	
				Total Number of Payments Written					48	

Batch Number - 277209

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key	Amount	Invoice Number
84021	01/14/20	19071	A BEE MAN	BEE	PV	168073	001 00101	165.00	22711
			REML-LOWER						
			OAKS TNK						
			Payment Amount					165.00	
84022	01/14/20	16051	ACCURATE TELECOM INC.	PHN SYS	PV	168033	001 00701	13,099.09	19526
			SUPT-JAN-DEC'						
			20						
			PHN SYS						
			SUPT-JAN-DEC'						
			20						
			PHN SYS						
			SUPT-JAN-DEC'						
			20						
			PHN SYS						
			SUPT-JAN-DEC'						
			20						
			Payment Amount					5,198.05	19526
84023	01/14/20	19993	ALEXANDER'S CONTRACT SERVICES, INC.	MTR READS	PV	168038	001 00701	19,391.52	102549
			11/25-12/20/19						
			9						
			Payment Amount					20,792.20	
84024	01/14/20	2869	AT&T	SRV	PV	168075	001 00101	219.42	2430/122319
			12/23/19-1/22/20						
			Payment Amount					19,391.52	
84025	01/14/20	20698	BATTERIES PLUS	BATTERIES-SCI	PV	168018	001 00701	524.97	P22480051
			SSOR LIFT						
			Payment Amount					431.25	
84026	01/14/20	2418	BT INDUSTRIAL	GRINDING WHEELS	PV	168029	001 00701	1,003.24	396413
			GRINDING WHEELS						
			Payment Amount					524.97	
84027	01/14/20	20242	CALABASAS HIGH SCHOOL ASB	'20 SOLAR CUP	PV	168085	001 00101	2,500.00	SOLARCUP/2020
			SPNSRSH						
			Payment Amount					1,024.72	
84028	01/14/20	20797	CHRIS' MOBILE TIRE SERVICE	(4)	PV	168071	001 00701	1,271.31	233024
			TIRES-VEH#862						
			Payment Amount					2,500.00	
			Payment Amount					1,271.31	

Batch Number - 277209
 Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Amount	Invoice Number
Number	Date	Number				Number	lim Co		Number
84029	01/14/20	19270	COMMUNICATION S RELAY, LLC	JAN'20 SITE RENT CASTRO	PV	168077	001 00101	983.74	57967
				Payment Amount				983.74	
84030	01/14/20	21201	CUSHMAN CONTRACTING CORPORATION	FNL RTN RLS-AIR PROC	PV	168019	001 00754	90,368.86	10626/RTN-RLS -FNL
				Payment Amount				90,368.86	
84031	01/14/20	13542	DEZURIK, INC.	FLOW MTR ISOLATION VLV	PV	166039	001 00701	12,814.79	RPI/65022005
				Payment Amount				12,814.79	
84032	01/14/20	18441	EMPLOYEE RELATIONS NETWORK	EE BACKGROUND CK	PV	166078	001 00701	134.35	86968
				Payment Amount				134.35	
84033	01/14/20	2654	FAMCON PIPE	METER BOX PARTS/FITTINGS	PV	166028	001 00701	3,488.70	S100019199.00 2
				Payment Amount				3,488.70	
84034	01/14/20	18615	FASTENAL COMPANY	TAPIA FASTENERS	PV	166010	001 00751	369.29	CACHA34386
				Payment Amount				369.29	
			Alt Payee 18835 FASTENAL COMPANY P. O. BOX 1286 WINONA MN 55987-1286						
84035	01/14/20	19397	FIRST CHOICE SERVICES	12/19 COFFEE SRV-HQ	PV	168056	001 00701	107.12	365720
				Payment Amount				107.12	
				12/19 COFFEE SRV-OPS	PV	168057	001 00701	32.61	365721
				Payment Amount				32.61	
				12/19 COFFEE SRV-RLV	PV	168058	001 00701	65.53	365722
				Payment Amount				65.53	
				12/19 COFFEE SRV-TAPIA	PV	168059	001 00701	83.10	365723
				Payment Amount				83.10	
84036	01/14/20	6770	G.I. INDUSTRIES	1/20 DISP-WLK	PV	168055	001 00701	314.49	2479758-0283-3
				Payment Amount				314.49	
				12/1-12/15-10 YD RLV	PV	168067	001 00751	289.69	2926481-0283-1
				Payment Amount				289.69	
				12/1-12/15-25 YD RLV	PV	168068	001 00751	391.17	2926485-0283-2
				Payment Amount				391.17	
				1/20 DISP-HQ & OPS	PV	168079	001 00701	712.04	2926562-0283-8
				Payment Amount				712.04	

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Number	Key Ltm	Co	Amount	Invoice Number
84037	01/14/20	6771	G.I. INDUSTRIES P. O. BOX 541065 LOS ANGELES CA 90054-1065		PV	168043	001	00701	850.25	9371757015
				Payment Amount					1,707.39	
		2701	GRAINGER, INC.	HAND TOOL KIT						
				AUXILIARY	PV	168044	001	00701	89.87	9372327370
				CONTACT						
				PAINTING	PV	168045	001	00701	139.93	9376109251
				SUPPLIES						
				DEEP WELL	PV	168046	001	00701	748.90	9380266206
				PUMP						
				TOOL POUCH	PV	168047	001	00701	42.65	9383239861
				SCREWDRIVER	PV	168048	001	00701	16.41	9383470649
				LOCKOUT	PV	168049	001	00701	225.22	9384250024
				PADLOCK						
				WATER HEATER	PV	168050	001	00701	134.32	9386798589
				TIMER						
			Alt Payee 5453 GRAINGER, INC. DEPT 805178142 PALATINE IL 60038-0001							
				Payment Amount					2,247.55	
84038	01/14/20	4525	HARRINGTON INDUSTRIAL PLASTICS INC.	CPLNGS/PIPEW ALVE	PV	168016	001	00751	935.48	005C6712
				PVC GLUE & ROLLER	PV	168017	001	00751	162.74	005C7459
				RPR	PV	168069	001	00751	294.84	005C7460
				PARTS-HYPO TNK#2						
			Alt Payee 7132 HARRINGTON INDUSTRIAL PLASTICS LLC P. O. BOX 5128 CHINO CA 91708-5128							
				Payment Amount					1,393.06	
84039	01/14/20	20856	INTERNATIONAL PRINTING & TYPESETTING INC	WTR AWARENESS CALNDRS	PV	168031	001	00701	1,822.78	22271
				Payment Amount					1,822.78	
84040	01/14/20	3352	LAS VIRGENES	MORRSN P/S	PV	168003	001	00751	25.01	0331/122519

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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
			MUNICIPAL	11/22--12/20					
			WATER						
			DISTRICT						
				IND HILLS	PV	168004	001 00751	25.01	0558/122519
				11/22--12/20					
				BD#7/RW	PV	168005	001 00701	191.29	2655/122519
				11/21--12/19					
				BD#8/RECL	PV	168006	001 00701	185.48	2646/122519
				11/21--12/19					
				BD#8/RW	PV	168007	001 00701	152.07	2652/122519
				11/21--12/19					
				RWPS	PV	168008	001 00701	128.41	2645/122519
				11/21--12/19					
				EQS TNK	PV	168009	001 00101	67.37	0896/010120
				11/26--12/24					
				Payment Amount				774.64	
84041	01/14/20	2814	MCMMASTER-CARR	METAL	PV	168011	001 00701	21.01	24777672
			SUPPLY CO	STAMPS/BUNGEE					
				S					
				HDWARE-SEMINO	PV	168012	001 00101	385.30	25022549
				LE PUMP					
				CAM LOCK	PV	168013	001 00701	13.12	24810210
				All Payee					
			3197 MC MASTER-CARR						
			P. O. BOX 7690						
			CHICAGO IL 60680-7690						
				Payment Amount				419.43	
84042	01/14/20	20994	MICHAEL	MLG-LADWP MTG	PV	168083	001 00701	72.84	121919
			MCNUTT	11/21&12/19					
				Payment Amount				72.84	
84043	01/14/20	14822	MILES	8.98 TN	PV	168054	001 00701	5,477.04	581229
			CHEMICAL	FERRIC					
			COMPANY, INC	CHLORIDE					
				Payment Amount				5,477.04	
84044	01/14/20	5738	OAKS	'20 SOLAR CUP	PV	168084	001 00101	2,500.00	SOLARCUP/2020
			CHRISTIAN	SPNSRSHIP					
			SCHOOL						
				Payment Amount				2,500.00	
84045	01/14/20	2302	OFFICE DEPOT	THINKPAD CASE	PV	168020	001 00701	40.29	410886577001
				INK	PV	168021	001 00701	80.99	410886924001
				CRTRDG/CALNDR					

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Amount	Invoice Number
				REFILL					
				FILE FOLDERS	PV	168022	001 00701	43.46	410888925001
				STORAGE	PV	168023	001 00701	142.34	410888923001
				CABINET					
				PAPER/PAPERCL	PV	168024	001 00701	257.52	419797588001
				IP HLDR					
				MISC OFFICE	PV	168025	001 00701	134.06	419793274001
				SUPPLIES					
				SCOTCH TAPE	PV	168026	001 00701	14.50	419797587001
				STORAGE	PV	168027	001 00701	156.57	419797589001
				CABINET					
				Payment Amount				869.73	
84046	01/14/20	16372	OLIN CORPORATION - CHLORALKALI	4,840 GAL	PV	168051	001 00701	4,076.85	2774039
				HYPOCHLORITE					
				4,700 GAL	PV	168052	001 00701	3,958.93	2775233
				HYPOCHLORITE					
				OLIN CORPORATION - CHLORALKALI					
				P.O. BOX 402766					
				ATLANTA GA 30384-2766					
				Payment Amount				8,035.78	
84047	01/14/20	15469	OLYMPIC PAINTING CO.	PAINT PLNTR	PV	168014	001 00701	2,200.00	1052
				WALL-BD8					
				PAINT CONF	PV	168015	001 00751	1,700.00	1053
				RM-TAPIA					
				PAINT CUST	PV	168074	001 00701	2,400.00	1020
				SRV WALLS					
				Payment Amount				6,300.00	
84048	01/14/20	19164	DONALD PATTERSON	CELL EXP	PV	168081	001 00701	273.97	CELL/SEP-DEC19
				SEP-DEC'19					
				Payment Amount				273.97	
84049	01/14/20	8484	PRAXAIR DISTRIBUTION, INC	CYLINDER RENT	PV	168070	001 00101	197.10	93830224
				11/20-12/20					
				PRAXAIR DISTRIBUTION INC.					
				DEPT. LA 21511					
				PASADENA CA 91185-1511					
				Payment Amount				197.10	
84050	01/14/20	2902	QUINN POWER SYSTEM	REBLD-WALUKESH	PV	168041	001 00701	1,286.02	WON10013191
				A GENRTR					

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Itrm Co	Amount	Invoice Number
84051	01/14/20	20412	SHRED-IT USA LLC	RPR WAUKESHA GENRTR	PV	168042	001 00701	250.00	WON10013129
				Payment Amount				1,536.02	
				DEC'19 DOC	PV	168032	001 00701	207.36	8128835457
				SHRDNG					
				Payment Amount				207.36	
84052	01/14/20	19169	SJM INDUSTRIAL RADIO	RADIO	PV	168072	001 00701	473.96	249405
				SRV-#939.867, 853					
				Payment Amount				473.96	
84053	01/14/20	12149	THATCHER CO. OF CALIFORNIA	3,989 GAL BISULFITE	PV	168053	001 00701	5,864.35	271583
				Payment Amount				5,864.35	
84054	01/14/20	21252	TYLER TECHNOLOGIES, INC.	12/9-12/12 ERP IMPLTN	PV	168034	001 00701	1,740.53	045-286724
				Payment Amount				1,740.53	
84055	01/14/20	2436	VINCE BARNES AUTOMOTIVE	BALL JNT/TIEROD-#8 31	PV	168065	001 00701	1,477.52	024337
				Payment Amount				1,477.52	
				BLWR MTR/RESISTOR-#895	PV	168066	001 00701	454.96	024339
				Payment Amount				1,932.48	
84056	01/14/20	19685	W. LITTEN INC.	SPRYFLD	PV	168062	001 00701	2,963.36	19065
				12/9-12/13/19					
				SPRYFLD	PV	168063	001 00701	2,521.80	19066
				12/16-12/20/19					
				SPRYFLD	PV	168064	001 00701	2,167.76	19067-REV
				12/23-12/27/19					
				Payment Amount				7,652.92	
84057	01/14/20	18914	WECK LABORATORIES, INC.	RLV GRNDWTR-9J290	PV	168060	001 00701	579.54	W9L1016-LV
				86 TAPIA INFLNT-9L0310	PV	168061	001 00701	137.90	W9L1829-LV
				0					
				Payment Amount				717.44	
84058	01/14/20	3047	WESCO	LED TUBES	PV	168040	001 00701	67.34	960596

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Co	Amount	Invoice Number
DISTRIBUTION, INC.										
All Payee	6443	WESCO DISTRIBUTION, INC PO BOX 31001-0465 PASADENA CA 91110-0465								
84059	01/14/20	3048	WEST COAST AIR CONDITIONING	SRV BOILER#1-HQ-1 2/4	PV	168035	001	00701	451.25	S105596
				Payment Amount					87.34	
				RPLC THERMOSTAT TAPIA	PV	168036	001	00701	1,398.84	S105715
				SRV A/C#1-TAPIA-1 2/12	PV	168037	001	00701	1,837.59	S105810
84060	01/14/20	20712	WOODARD & CURRAN INC.	P/E 11/26 BRINE MGMT STDY	PV	168082	001	00701	26,563.42	171250
				Payment Amount					3,687.68	
				Payment Amount					26,563.42	
84061	01/14/20	8510	WORK BOOT WAREHOUSE	SFTY FWEAR-S.M.	PV	168080	001	00701	163.16	4-38666
				Payment Amount					163.16	
Total Amount of Payments Written									237,247.03	
Total Number of Payments Written									41	

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
84062	01/21/20	18965	ePOWER NETWORK, INC.	NETWORK CARD/MONITOR	PV	168115	001	00701	545.11	28140
				Payment Amount					545.11	
84063	01/21/20	2317	ACORN NEWSPAPER	ADS-STNDBY HEARG@1/7/20	PV	168123	001	00701	72.00	M-0876
				Payment Amount					72.00	
84064	01/21/20	3836	ADDICTION MEDICINE CONSULTANTS, INC.	2020 DOT PROG RENWL	PV	168128	001	00701	900.00	12M20
				Payment Amount					900.00	
84065	01/21/20	8680	ADS, LLC	DEC'19 FLOW MNTG	PV	168152	001	00701	745.00	22085.22-1219
				Payment Amount					745.00	
84066	01/21/20	2339	AGOURA LOCK TECHNOLOGIES	DIST KEYED PADLOCKS	PV	168167	001	00701	1,473.65	88570
				Payment Amount					1,473.65	
84067	01/21/20	2397	AQUATIC BIOASSAY & CONSULTING	CHRC NPDES BIOASSAYS	PV	168148	001	00701	650.00	LVS1219.1154
				Payment Amount					650.00	
84068	01/21/20	20695	AT&T	SRV 1/5-2/4/20	PV	168212	001	00101	51.24	0051/010520
				SRV 1/5-2/4/20	PV	168212	002	00101	53.35	0051/010520
				SRV 1/5-2/4/20	PV	168212	003	00101	225.69	0051/010520
				SRV 1/5-2/4/20	PV	168212	004	00101	1,559.62	0051/010520
				SRV 1/5-2/4/20	PV	168212	005	00101	513.64	0051/010520
				SRV 1/5-2/4/20	PV	168212	006	00101	53.92	0051/010520
				SRV 1/5-2/4/20	PV	168212	007	00101	219.62	0051/010520
				SRV 1/5-2/4/20	PV	168212	008	00101	211.44	0051/010520
				SRV 1/5-2/4/20	PV	168212	009	00101	211.44	0051/010520

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document . . .	Key	Amount	Invoice Number
					Item	Co		
				SRV	168212	010 00101	211.44	0051/010520
				SRV 1/5--2/4/20				
				SRV	168212	011 00101	211.44	0051/010520
				SRV 1/5--2/4/20				
				SRV	168212	012 00101	48.78	0051/010520
				SRV 1/5--2/4/20				
				SRV	168212	013 00101	211.44	0051/010520
				SRV 1/5--2/4/20				
				SRV	168212	014 00101	219.62	0051/010520
				SRV 1/5--2/4/20				
				SRV	168212	015 00101	109.81	0051/010520
				SRV 1/5--2/4/20				
				SRV	168212	016 00101	109.81	0051/010520
				SRV 1/5--2/4/20				
				Payment Amount		4,222.30		
84069	01/21/20	2869	AT&T	SRV	168168	001 00101	33.03	0124/010720
				SRV 1/7--2/6/20				
				SRV	168169	001 00101	67.07	0123/010720
				SRV 1/7--2/6/20				
				SRV	168170	001 00101	200.82	2045/010720
				SRV 1/7--2/6/20				
				SRV	168171	001 00101	405.67	2043/010720
				SRV 1/7--2/6/20				
				SRV	168172	001 00101	235.71	9054/010520
				SRV 1/5--2/4/20				
				Payment Amount		942.30		
84070	01/21/20	20424	AT&T	RLV U VERSE	168211	001 00751	58.85	5778/011020
				1/11--2/10/20				
				Payment Amount		58.85		
84071	01/21/20	9631	AT&T LONG DISTANCE	LONG DIST	168131	001 00701	1.02	806368136/010420
				1/11--12/1				
				LONG DIST	168131	002 00701	9.60	806368136/010420
				1/11--12/1				
				LONG DIST	168131	003 00701	.20	806368136/010420
				1/11--12/1				
				Payment Amount		10.82		
84072	01/21/20	16253	AT&T MOBILITY	WIRELESS SRV	168214	001 00701	222.82	9332/010320
				12/4/19--1/3/20				
				0				
				WIRELESS SRV	168214	002 00701	3.62	9332/010320
				12/4/19--1/3/20				

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Tr	Document Number	Item	Key Co	Amount	Invoice Number
0				WIRELESS SRV 12/4/19--1/3/2	PV	168214	003	00701	43.23	9332/010320
0				WIRELESS SRV 12/4/19--1/3/2	PV	168214	004	00701	371.63	9332/010320
0				WIRELESS SRV 12/4/19--1/3/2	PV	168214	005	00701	34.82	9332/010320
0				WIRELESS SRV 12/4/19--1/3/2	PV	168214	006	00701	80.76	9332/010320
0				WIRELESS SRV 12/4/19--1/3/2	PV	168214	007	00701	86.46	9332/010320
0				WIRELESS SRV 12/4/19--1/3/2	PV	168214	008	00701	27.08	9332/010320
0				WIRELESS SRV 12/4/19--1/3/2	PV	168214	009	00701	116.81	9332/010320
0				WIRELESS SRV 12/4/19--1/3/2	PV	168214	010	00701	269.04	9332/010320
0				WIRELESS SRV 12/4/19--1/3/2	PV	168214	011	00701	6.32	9332/010320
0				WIRELESS SRV 12/4/19--1/3/2	PV	168214	012	00701	93.25	9332/010320
0				WIRELESS SRV 12/4/19--1/3/2	PV	168214	013	00701	463.18	9332/010320
0				WIRELESS SRV 12/4/19--1/3/2	PV	168214	014	00701	32.61	9332/010320
0				WIRELESS SRV 12/4/19--1/3/2	PV	168214	015	00701	43.23	9332/010320
0				WIRELESS SRV	PV	168214	016	00701	213.47	9332/010320

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document		Key	Amount	Invoice Number
					Ty	Number			
				12/4/19-1/3/2					
				0					
				WIRELESS SRV	PV	168214	017 00701	78.00	9332/010320
				12/4/19-1/3/2					
				0					
				WIRELESS SRV	PV	168214	016 00701	116.05	9332/010320
				12/4/19-1/3/2					
				0					
				Payment Amount			2,302.38		
84073	01/21/20	21482	ATTRAVERSIAMO FARFALLA, LLC	EASEMENT-2812 7 AGOURA RD	PV	168121	001 00101	1.00	ESMT-28127 AG RD
				Payment Amount			1.00		
84074	01/21/20	21056	BATTERY SYSTEMS INC	BTRY	PV	168144	001 00701	126.25	5246938
				STOCK-VEH & EQP					
				Payment Amount			126.25		
84075	01/21/20	20724	SUSAN BROWN	BAGEL-WTR PRO	PV	168124	001 00701	164.00	100919WTRPRO
				10/9/19					
				Payment Amount			164.00		
84076	01/21/20	2964	CA DEPARTMENT OF TAX&FEE ADMINISTRATIO N	UNDERGRND TNK FEE-2019	PV	168116	001 00701	619.82	44-008690/201 9
				Payment Amount			619.82		
84077	01/21/20	2964	CA DEPARTMENT OF TAX&FEE ADMINISTRATIO N	SALES/USE TAX-QE 123119	PV	168161	001 00701	2,712.00	097-817885/12 3119
				Payment Amount			2,712.00		
84078	01/21/20	18739	CALIFORNIA HAZARDOUS SERVICES, INC.	12/2 & 4 FUEL SYS SRV	PV	168146	001 00701	770.00	65158
				Payment Amount			770.00		
84079	01/21/20	20655	CANNON CORPORATION	P/E	PV	168158	001 00701	558.20	71075
				12/31-DSGN					
				SRV INTRCNT					
				Payment Amount			558.20		
84080	01/21/20	3172	CITY CLERKS ASSOCIATION OF CA.	2020 MEMBERSHIP-JG	PV	168120	001 00701	80.00	4721

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item Co	Amount	Invoice Number
84081	01/21/20	2539	CITY OF SIMI VALLEY	Payment Amount PCH WTR 10/28-12/30	PV	168113	001 00101	7,939.19	70109231
84082	01/21/20	16821	CLEAN SWEEP SUPPLY CO., INC	Payment Amount TOWELS	PV	168086	001 00701	1,033.49	575243
84083	01/21/20	3488	DEPT. OF WATER & POWER - CITY OF LA	Payment Amount 6" TEMP MTR@GERMAIN	PV	168125	001 00101	5,590.00	GERMAIN-2/20
84084	01/21/20	11330	DIAL SECURITY	Payment Amount 11/19 SEC SRV-HQ	PV	168173	001 00701	355.00	362824
				11/19 SEC SRV-TAPIA	PV	168174	001 00701	271.00	362825
				11/19 SEC SRV-RLV	PV	168175	001 00701	35.00	362826
				11/19 SEC SRV-RLV FARM	PV	168176	001 00701	35.00	362827
				11/19 SEC SRV-WLK	PV	168177	001 00701	125.00	362828
				11/19 SEC SRV-WLK P/S	PV	168178	001 00701	35.00	362829
				11/19 SEC SRV-IT ROOM	PV	168179	001 00701	147.00	362830
				11/19 CELL PLAN-RLV	PV	168180	001 00701	15.00	362831
				11/19 SEC SRV-OPS	PV	168181	001 00701	114.00	362832
				12/19 SEC SRV-HQ	PV	168182	001 00701	355.00	364925
				12/19 SEC SRV-TAPIA	PV	168183	001 00701	271.00	364926
				12/19 SEC SRV-RLV	PV	168184	001 00701	35.00	364927
				12/19 SEC SRV-RLV FARM	PV	168185	001 00701	35.00	364928
				12/19 SEC	PV	168186	001 00701	125.00	364929

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item Co	Amount	Invoice Number
				SRV-WLK					
				12/19 SEC	PV	168187	001 00701	35.00	364930
				SRV-WLK P/S					
				12/19 SEC	PV	168188	001 00701	147.00	364931
				SRV-IT ROOM					
				12/19 CELL	PV	168189	001 00701	15.00	364932
				PLAN-RLV					
				12/19 SEC	PV	168190	001 00701	114.00	364933
				SRV-OPS					
				Payment Amount			2,264.00		
84085	01/21/20	7257	DIRECTV, INC.	JAN'20-21 BUS	PV	168162	001 00701	976.13	37018998995
				PKG +TV'S					
				JAN'20-21 BUS	PV	168163	001 00701	962.13	37075561716
				PKG +TV'S					
				Payment Amount			1,938.26		
84086	01/21/20	18111	ELECSYS INTERNATIONAL CORPORATION	DEC'19 MTR	PV	168087	001 00701	310.00	SIP-E108602
				DVC MAINT					
				Payment Amount			310.00		
84087	01/21/20	4943	ENVICOM CORPORATION	P/E 12/25-TWN	PV	168159	001 00701	458.35	00015381
				LKS P/S UPGD					
				Payment Amount			458.35		
84088	01/21/20	21055	FIRESTONE COMPLETE AUTO CARE BRIDGESTONE	(2) TIRE/ALIGN#	PV	168145	001 00701	399.95	190808
				CARE					
				Payment Amount			399.95		
				Alt Payee					
				21088 FIRESTONE COMPLETE AUTO CARE					
				1100 E. THOUSAND OAKS BLVD.					
				THOUSAND OAKS CA 91362-2815					
				Payment Amount			832.73		
84089	01/21/20	2660	FISHER SCIENTIFIC	HEXANE & BUFFERS	PV	168106	001 00701	832.73	5608878
				Alt Payee					
				3202 FISHER SCIENTIFIC					
				FILE #50129					
				LOS ANGELES CA 90074-0129					
				Payment Amount			832.73		
84090	01/21/20	3664	FTI GROUP	'19 TAX FORMS-1099W-2	PV	168118	001 00701	117.82	154285
				P/R CK STOCK					
				Payment Amount			181.04		

Batch Number - 277559

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document		Key	Amount	Invoice Number
						Number	Co			
84091	01/21/20	6770	G.I. INDUSTRIES	Payment Amount 12/16--12/31-S HOP BLDG 1/20 DISP-TAPIA GRIT 12/16--12/31/1 9-TAPIA RAGS 1/20 DISP-TAPIA	PV	168103	001 00701	298.86 686.61 703.04 626.60 987.31	2926722-0283-8 2532409-0283-8	
<p>Alt Payee 6771 G.I. INDUSTRIES P. O. BOX 541065 LOS ANGELES CA 90054-1065</p>										
84092	01/21/20	21324	GLOBAL VISIONS & ASSOCIATES, INC.	Payment Amount FLASH DR W/ RAW FTAGE	PV	168154	001 00701	3,003.56 100.00	564	
<p>Payment Amount NOVUS 1/13/20--1/12/21</p>										
84093	01/21/20	21168	GRANICUS	Payment Amount	PV	168153	001 00701	3,800.00	121633	
<p>Payment Amount PLC PROCESSOR ELECTRIC CO.</p>										
84094	01/21/20	9646	GRAYBAR	Payment Amount DEC'19 RECORDS STORAGE	PV	168089	001 00101	1,158.62 188.04	9313691987 0395600	
<p>Payment Amount DEC'19 RECORDS STORAGE</p>										
84095	01/21/20	19548	GRM INFORMATION MANAGEMENT SERVICES-CA	Payment Amount DEC'19 RECORDS STORAGE	PV	168141	001 00701	310.92	0395601	
<p>Payment Amount RGT SETS</p>										
84096	01/21/20	2705	HACH COMPANY	Payment Amount RGT SETS	PV	168096	001 00701	2,596.64	11759241	
<p>Alt Payee 6442 HACH COMPANY 2207 COLLECTIONS CENTER DR CHICAGO IL 60693</p>										
									498.96	
									2,596.64	

Batch Number -	277559	Bank Account -	00146807	Cash-General					
Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item Co	Amount	Invoice Number
84097	01/21/20	7421	HAMNER, JEWELLAND ASSOCIATES	P/E 12/15 EMGCY GNRTRS	PV	168156	001 00701	355.00	190131
84098	01/21/20	4525	HARRINGTON INDUSTRIAL PLASTICS INC.	Payment Amount BALL VALVES	PV	168107	001 00751	1,196.32	005C7562
Alt Payee 7132 HARRINGTON INDUSTRIAL PLASTICS LLC P. O. BOX 5128 CHINO CA 91708-5128									
84099	01/21/20	4409	HARRIS & ASSOCIATES, INC.	Payment Amount STNDBY CHGS 10/27-11/23	PV	168143	001 00701	455.00	43352
84100	01/21/20	21480	COLLEEN HILL	Payment Amount CLAIM-MTR/262 16ALIZIA	PV	168117	001 00101	85.00	CLAIM-26216AL IZIA
84101	01/21/20	20823	INVOICE CLOUD INC.	Payment Amount IC TRAN FEE-DEC'19	PV	168088	001 00701	6,175.50	964-2019_12
84102	01/21/20	17847	DIAMOND A EQUIPMENT LLC	Payment Amount MOWER REPAIR PARTS	PV	168164	001 00751	40.55	P36542
Alt Payee 7133 JOHN DEERE FINANCIAL PO BOX 4450 CAROL STREAM IL 60197-4450									
84103	01/21/20	21463	LOREN BRUGGER WELDING	Payment Amount WELD MAIN-5533 FAIRVW	PV	168104	001 00101	1,000.00	04810
84104	01/21/20	21475	MB HANRAHAN	Payment Amount PMT #1 PW DEMO MURAL	PV	168165	001 00701	5,400.00	LVMWD191
Payment Amount PMT#2 PW DEMO MURAL									
84105	01/21/20	20772	NATIONAL PAYMENT CORP.	Payment Amount DEC'19 ELECT PAYSTUBS	PV	168142	001 00701	91.00	841579
84106	01/21/20	21483	OAKMONT OF	Payment Amount EASEMENT-2935	PV	168122	001 00101	1.00	ESMT-29353

Batch Number - 277559
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document . . . Number	Key lim Co	Amount	Invoice Number
				UNFRMS/MATS/T					
				WLS					
				12/19	PV	168196	001 00701	9.60	170961661
				UNFRMS/MATS/T					
				WLS					
				12/19	PV	168196	002 00701	21.44	170961661
				UNFRMS/MATS/T					
				WLS					
				12/19	PV	168197	001 00701	9.60	170963129
				UNFRMS/MATS/T					
				WLS					
				12/19	PV	168197	002 00701	21.44	170963129
				UNFRMS/MATS/T					
				WLS					
				12/19	PV	168198	001 00701	9.60	170964728
				UNFRMS/MATS/T					
				WLS					
				12/19	PV	168198	002 00701	21.44	170964728
				UNFRMS/MATS/T					
				WLS					
				12/19	PV	168199	001 00701	276.43	170960171
				UNFRMS/MATS/T					
				WLS					
				12/19	PV	168200	001 00701	312.83	170961664
				UNFRMS/MATS/T					
				WLS					
				12/19	PV	168201	001 00701	310.08	170963132
				UNFRMS/MATS/T					
				WLS					
				12/19	PV	168202	001 00701	381.47	170964731
				UNFRMS/MATS/T					
				WLS					
				12/19	PV	168203	001 00701	33.60	170960172
				UNFRMS/MATS/T					
				WLS					
				12/19	PV	168203	002 00701	30.83	170960172
				UNFRMS/MATS/T					
				WLS					
				12/19	PV	168204	001 00701	33.60	170961665
				UNFRMS/MATS/T					
				WLS					

Batch Number - 277559
Bank Account - 00146807 Cash-General

Payment Number	Date	Address Number	Name	Payment Stub Message	Document		Key Item Co	Amount	Invoice Number
					Ty	Number			
				12/19 UNFRMS/MATS/T	PV	168204	002 00701	30.83	170961665
				WLS					
				12/19 UNFRMS/MATS/T	PV	168205	001 00701	33.60	170963133
				WLS					
				12/19 UNFRMS/MATS/T	PV	168205	002 00701	30.83	170963133
				WLS					
				12/19 UNFRMS/MATS/T	PV	168206	001 00701	33.60	170964732
				WLS					
				12/19 UNFRMS/MATS/T	PV	168206	002 00701	30.83	170964732
				WLS					
				Payment Amount			2,162.07		
84110	01/21/20	21477	ROBERT RADNOTI	RFND	PV	168097	001 00101	190.05	072376
				BAL-CLOSED					
				A/C					
				Payment Amount			190.05		
84111	01/21/20	15800	SAFEAND BEAUTIFUL TREE CO., INC.	WEED	PV	168090	001 00101	1,150.00	122619
				ABTMT-CLBS					
				TNK					
				Payment Amount			1,150.00		
84112	01/21/20	6279	SOUTHERN CALIFORNIA EDISON	NEW	PV	168207	001 00754	2,472.23	7590226710
				ELECTRICAL					
				SRV-PWP					
				Payment Amount			2,472.23		
84113	01/21/20	2968	SOUTHERN CALIFORNIA GAS CO	TAPIA	PV	168108	001 00751	1,615.89	4000/010820
				12/4/19-1/6/2					
				0					
				HQ & OPS					
				12/4/19-1/6/2					
				0					
				RANCHO					
				12/4/19-1/6/2					
				0					
				CORNELL					
				12/4/19-1/6/2					
				0					
				Payment Amount			2,986.17		
				0					
				HQ & OPS					
				12/4/19-1/6/2					
				0					
				RANCHO					
				12/4/19-1/6/2					
				0					
				CORNELL					
				12/4/19-1/6/2					
				0					
				Payment Amount			279.69		
				0					
				CORNELL					
				12/4/19-1/6/2					
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				Payment Amount			17.41		
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				Payment Amount			17.41		
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				Payment Amount			17.41		
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				CORNELL					
				12/4/19-1/6/2					
				0					
				Payment Amount			17.41		
				0					

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Las Virgenes Municipal Water
 AVP Auto Payment Register

Payment Number	Payment Date	Name	Address Number	Payment Stub Message	Document		Key	Amount	Invoice Number
					Ty	Number			
				WLK P/S	PV	168112	001 00101	16.42	9400/010120
				12/1/19--1/1/20					
				0					
				JBR P/S	PV	168209	001 00101	16.92	1200/010620
				12/2/19--1/03/20					
				Payment Amount			4,932.50		
84114	01/21/20	SPOK, INC.	16271	PAGER SRV	PV	168213	001 00701	71.06	D0143084M
				1/11--2/10/20					
				PAGER SRV	PV	168213	002 00701	.49	D0143084M
				1/11--2/10/20					
				PAGER SRV	PV	168213	003 00701	42.20	D0143084M
				1/11--2/10/20					
				Payment Amount			113.75		
84115	01/21/20	STEPHEN'S VIDEO PRODUCTIONS	14479	VIDEO SRV LV	PV	168138	001 00701	547.50	1-3-20
				MTG-DEC'19					
				VIDEO SRV JPA	PV	168139	001 00701	547.50	1-6-20
				MTG-DEC'19					
				Payment Amount			1,095.00		
84116	01/21/20	SULZER PUMPS SOLUTIONS INC.	17168	PRGM	PV	168155	001 00701	11,047.26	90987004
				SUPT-SCADA					
				Payment Amount			11,047.26		
84117	01/21/20	TIM BOUCHEZ CONSTRUCTION	21479	RFND	PV	168099	001 00101	526.88	082739
				BAL-CLOSED A/C					
				Payment Amount			526.88		
84118	01/21/20	TRANSUNION RISK & ALTERNATIVE DATA SOLUT	19135	BAD DEBT	PV	168100	001 00701	246.00	974571/DEC'19
				SRCH-DEC'19					
				Payment Amount			246.00		
84119	01/21/20	UNDERGROUND SERVICE ALERT	3006	201	PV	168101	001 00101	341.65	122019405
				TICKETS-DEC'19					
				9					
				DIG SAFE	PV	168102	001 00101	200.76	18DSBFE7009
				PERMIT FEE					
				Payment Amount			542.41		
84120	01/21/20	UTILWORKS CONSULTING	21154	P/E	PV	168132	001 00701	8,317.00	5797
				12/31-AMR/AMI					

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document		Key	Amount	Invoice Number
					Ty	Number			
			LLC	DSGN					
				Payment Amount			8,317.00		
84121	01/21/20	16947	VENCO POWER SWEEPING, INC	QTRLY SWEEPING TAPIA	PV	168208 001 00751	440.00	0004985-IN	
				Payment Amount			440.00		
84122	01/21/20	21196	VERNE'S PLUMBING, INC.	BKFLOW TST 11/1-11/29	PV	168133 001 00701	5,510.00	6110478	
				BKFLOW TST 11/1-11/29	PV	168133 002 00701	1,425.00	6110478	
				BKFLOW TST 12/2-12/20	PV	168135 001 00701	6,840.00	6112954	
				BKFLOW TST 12/2-12/20	PV	168135 002 00701	1,995.00	6112954	
				BKFLOW TST 12/2-12/20	PV	168136 001 00701	3,610.00	6137409	
				BKFLOW TST 12/23-12/30	PV	168136 002 00701	1,045.00	6137409	
				BKFLOW TST 12/23-12/30	PV	168137 001 00701	475.00	6143781	
				BKFLOW TST 12/31					
				Payment Amount			20,900.00		
84123	01/21/20	21295	VERTICAL ELEVATOR SOLUTIONS, INC.	JAN'20 ELEV SRV	PV	168147 001 00701	290.00	7228	
				Payment Amount			290.00		
84124	01/21/20	3035	VWR SCIENTIFIC	INCUBATOR SHELF GLOVES	PV	168105 001 00701	148.59	8088635758	
				Payment Amount			419.21	8088708719	
			Alt Payee 3216 VWR INTERNATIONAL, INC P. O. BOX 640169 PITTSBURGH PA 15264-0169						
				Payment Amount			567.80		
84125	01/21/20	20796	WATERWISEPRO TRAINING	D-4 PREP-L KIBLINGER D4 PREP CRS-M MAGANA	PV	168126 001 00701	450.00	D-4 EXM-PREP/LK	
				Payment Amount			450.00	D-4 EXM-PREP/MM	
84126	01/21/20	3067	XEROX	11/19	PV	168091 001 00701	447.17	702359799	

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Payment Number	Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key		Amount	Invoice Number
							itm	Co		
CORPORATION										
			LEASE-HQ & TAPIA		PV	168091	002	00701	39.07	702359799
			LEASE-HQ & TAPIA		PV	168091	003	00701	46.19	702359799
			LEASE-HQ & TAPIA		PV	168091	004	00701	84.17	702359799
			LEASE-HQ & TAPIA		PV	168091	005	00701	565.81	702359799
			LEASE-HQ & TAPIA		PV	168091	006	00701	49.43	702359799
			LEASE-HQ & TAPIA		PV	168091	007	00701	58.45	702359799
			LEASE-HQ & TAPIA		PV	168091	008	00701	2.64	702359799
			LEASE-HQ & TAPIA		PV	168091	009	00701	163.14	702359799
			LEASE-HQ & TAPIA		PV	168091	010	00701	30.86	702359799
			LEASE-HQ & TAPIA		PV	168091	011	00701	18.41	702359799
			LEASE-HQ & TAPIA		PV	168091	012	00701	4.32	702359799
			LEASE-HQ & TAPIA		PV	168091	013	00701	598.17	702359799
			LEASE-HQ & TAPIA		PV	168091	014	00701	52.26	702359799

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
	11/19		LEASE-HQ & TAPIA		PV	168091	015	00701	61.79	702359799
	11/19		LEASE-HQ & TAPIA		PV	168091	016	00701	262.98	702359799
	11/19		LEASE-HQ & TAPIA		PV	168091	017	00701	126.92	702359799
	11/19		LEASE-HQ & TAPIA		PV	168091	018	00701	11.09	702359799
	11/19		LEASE-HQ & TAPIA		PV	168091	019	00701	13.12	702359799
	12/19		LEASE-12/19		PV	168130	001	00701	186.55	099129866
			5945-OPS							
			Payment Amount						2,822.54	
			Total Amount of Payments Written						137,183.47	
			Total Number of Payments Written							65

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document		Key		Amount	Invoice Number
					Ty	Number	Item	Co		
84127	01/28/20	20389	AIRGAS SPECIALTY PRODUCTS	31,120 GAL HYDROXIDE	PV	168287	001 00701		3,066.88	131630978
Alt Payee 20559 AIRGAS SPECIALTY PRODUCTS P. O. BOX 934434 ATLANTA GA 31193-4434										
84128	01/28/20	21476	ARCHIVESOCIAL, INC.	SOC ARCHV-1/3/20-1/2/21	PV	168273	001 00701	3,066.88	7,176.00	9778
84129	01/28/20	7770	AUTOMATIONDIR ECT.COM	MOTOR CONTROLS	PV	168246	001 00751	7,176.00	350.95	10577462
84130	01/28/20	2425	BANK OF AMERICA	VISA CHG-ARENAS-DE C'19	PV	168215	001 00701	350.95	90.00	9030/010720
				VISA CHG-ARENAS-DE C'19	PV	168215	002 00701	66.07		9030/010720
				VISA CHG-BAIRD-DEC '19	PV	168216	001 00701	63.93		7536/010720
				VISA CHG-BOCKELMAN -DEC'19	PV	168217	001 00701	356.98		8102/010720
				VISA CHG-BOCKELMAN -DEC'19	PV	168217	002 00701	113.83		8102/010720
				VISA CHG-BOCKELMAN -DEC'19	PV	168217	003 00701	14.76		8102/010720
				VISA CHG-CASPARY-D EC'19	PV	168218	001 00701	1,083.12		7651/010720
				VISA CHG-DINGMAN-D EC'19	PV	168219	001 00751	970.82		4687/010720
				VISA CHG-DINGMAN-D EC'19	PV	168219	002 00751	381.30		4687/010720

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Payment Number	Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key itm Co	Amount	Invoice Number
				EC*19					
				VISA	PV	168219	003 00751	14.05	4687/010720
				CHG-DINGMAN-D					
				EC*19					
				VISA	PV	168219	004 00751	131.18	4687/010720
				CHG-DINGMAN-D					
				EC*19					
				VISA	PV	168220	001 00101	153.90	3954/010720
				CHG-GARMAN-DE					
				C*19					
				VISA	PV	168221	001 00101	75.70	5151/010720
				CHG-GIL-DEC*1					
				9					
				VISA	PV	168221	002 00101	91.18	5151/010720
				CHG-GIL-DEC*1					
				9					
				VISA	PV	168221	003 00101	19.97	5151/010720
				CHG-GIL-DEC*1					
				9					
				VISA	PV	168221	004 00101	435.78	5151/010720
				CHG-GIL-DEC*1					
				9					
				VISA	PV	168221	005 00101	105.71	5151/010720
				CHG-GIL-DEC*1					
				9					
				VISA	PV	168221	006 00101	412.06	5151/010720
				CHG-GIL-DEC*1					
				9					
				VISA	PV	168221	007 00101	84.71	5151/010720
				CHG-GIL-DEC*1					
				9					
				VISA	PV	168221	008 00101	22.10	5151/010720
				CHG-GIL-DEC*1					
				9					
				VISA	PV	168222	001 00701	26.93-	6935/010720
				CHG-GUZMAN-DE					
				C*19					
				VISA	PV	168222	002 00701	130.36	6935/010720
				CHG-GUZMAN-DE					
				C*19					
				VISA	PV	168223	001 00101	408.07	3713/010720

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Payment Number	Date	Address Number	Name	Payment Stub Message	Ty	Document . . . Number	Key itm Co	Amount	Invoice Number
				CHG-JONES-DEC '19					
				VISA	PV	168224	001 00701	48.13	0544/010720
				CHG-KORKOSZ-D EC'19					
				VISA	PV	168224	002 00701	399.00	0544/010720
				CHG-KORKOSZ-D EC'19					
				VISA	PV	168225	001 00701	1,031.26	4758/010720
				CHG-LO-HILL-D EC'19					
				VISA	PV	168225	002 00701	595.00	4758/010720
				CHG-LO-HILL-D EC'19					
				VISA	PV	168226	001 00701	595.00	1175/010720
				CHG-LEWITT-DE C'19					
				VISA	PV	168227	001 00701	11.08	1975/010720
				CHG-MCDERMOTT -DEC'19					
				VISA	PV	168227	002 00701	349.49	1975/010720
				CHG-MCDERMOTT -DEC'19					
				VISA	PV	168227	003 00701	67.03	1975/010720
				CHG-MCDERMOTT -DEC'19					
				VISA	PV	168227	004 00701	35.90	1975/010720
				CHG-MCDERMOTT -DEC'19					
				VISA	PV	168228	001 00701	385.00	6549/010720
				CHG-MCNUTT-DE C'19					
				VISA	PV	168228	002 00701	100.00	6549/010720
				CHG-MCNUTT-DE C'19					
				VISA	PV	168228	003 00701	9.94	6549/010720
				CHG-MCNUTT-DE C'19					
				VISA	PV	168229	001 00101	42.62	5953/010720
				CHG-MEREDITH- DEC'19					

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Payment Number	Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key lim Co	Amount	Invoice Number
				VISA	PV	168230	001 00701	1,286.72	3801/010720
				CHG-NKWENJID EC'19					
				VISA	PV	168231	001 00701	1,062.00	5458/010720
				CHG-PANIAGUA- DEC'19					
				VISA	PV	168231	002 00701	25.00	5458/010720
				CHG-PANIAGUA- DEC'19					
				VISA	PV	168232	001 00701	275.00	6347/010720
				CHG-PATTERSON- -DEC'19					
				VISA	PV	168233	001 00701	839.04	4118/010720
				CHG-PEDERSEN- DEC'19					
				VISA	PV	168233	002 00701	462.71	4118/010720
				CHG-PEDERSEN- DEC'19					
				VISA	PV	168233	003 00701	595.00	4118/010720
				CHG-PEDERSEN- DEC'19					
				VISA	PV	168233	004 00701	10.00	4118/010720
				CHG-PEDERSEN- DEC'19					
				VISA	PV	168233	005 00701	40.00	4118/010720
				CHG-PEDERSEN- DEC'19					
				VISA	PV	168233	006 00701	591.61	4118/010720
				CHG-PEDERSEN- DEC'19					
				VISA	PV	168234	001 00701	60.00	6442/010720
				CHG-SACCARECC IA-DEC'19					
				VISA	PV	168234	002 00701	150.00	6442/010720
				CHG-SACCARECC IA-DEC'19					
				VISA	PV	168235	001 00701	90.50	0050/010720
				CHG-SCHLAGETE R-DEC'19					
				VISA	PV	168236	001 00701	200.00	1326/010720
				CHG-SONGER-DE					

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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
				C'19						
				VISA	PV	168236	002	00701	52.01	1326/010720
				CHG-SONGER-DE						
				C'19						
				VISA	PV	168236	003	00701	345.00	1326/010720
				CHG-SONGER-DE						
				C'19						
				VISA	PV	168236	004	00701	200.00	1326/010720
				CHG-SONGER-DE						
				C'19						
				VISA	PV	168237	001	00701	10.93	0615/010720
				CHG-TRIPLETT- DEC'19						
				C'19						
				VISA	PV	168237	002	00701	31.25	0615/010720
				CHG-TRIPLETT- DEC'19						
				C'19						
				VISA	PV	168238	001	00751	563.47	6703/010720
				CHG-VARBEL-DE						
				C'19						
				VISA	PV	168238	002	00751	711.62	6703/010720
				CHG-VARBEL-DE						
				C'19						
				VISA	PV	168239	001	00101	42.63	0751/010720
				CHG-VOLLMAR-D						
				EC'19						
				VISA	PV	168239	002	00101	479.82	0751/010720
				CHG-VOLLMAR-D						
				EC'19						
				VISA	PV	168239	003	00101	288.60	0751/010720
				CHG-VOLLMAR-D						
				EC'19						
				VISA	PV	168239	004	00101	34.38	0751/010720
				CHG-VOLLMAR-D						
				EC'19						
				Payment Amount				17,315.39		
				P/E 12/31 FED	PV	168290	001	00701	7,500.00	867398
				LBBY						
				P/E 12/31 ST	PV	168291	001	00701	5,499.96	867399
				LBBY						
				Payment Amount				12,999.96		
				JAN'20 SITE	PV	168265	001	00701	105.00	65263

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item	Co	Amount	Invoice Number
			HAZARDOUS SERVICES, INC.	VISIT						
84133	01/28/20	20655	CANNON CORPORATION	Payment Amount P/E 12/31 CORNELL P/S UPGD	PV	168274	001	00701	105.00 2,420.50	71078
				P/E 12/31 TANK REHAB	PV	168275	001	00701	1,603.50	71113
				P/E 12/31 TANK REHAB	PV	168275	002	00701	1,603.50	71113
84134	01/28/20	2513	CAPCO ANALYTICAL SERVICES	Payment Amount DEC'19 SAMPLING	PV	168288	001	00701	5,627.50 605.00	192303
84135	01/28/20	18860	CHEMTREAT, INC.	Payment Amount JAN'20 WTR TRMINT	PV	168286	001	00701	605.00 693.62	2912552
84136	01/28/20	2533	CITY OF AGOURA HILLS	Payment Amount ENCROACHMENT PERMITS	PV	168254	001	00101	693.62 4,448.00	202001131252
84137	01/28/20	2536	CITY OF LOS ANGELES	Payment Amount ASSCC 19/20 O&M-PMT#4	PV	168243	001	00130	4,448.00 33,059.00	74WMP200000027 #4
				ASSCC 19/20 CAP-PMT#4	PV	168244	001	00130	26,019.00	74WMP000000028 #4
84138	01/28/20	21403	CJI PROCESS SYSTEMS, INC.	Payment Amount TNK #2 RPR ATTEMPT	PV	168269	001	00701	59,078.00 2,760.00	11661-X
84139	01/28/20	2547	COUNTY SANITATION DISTRICTS OF LA COUNTY	Payment Amount TAPIA GRIT HAULING-DEC'19	PV	168248	001	00751	2,760.00 976.81	48892/123119
84140	01/28/20	19033	DENOVO VENTURES, LLC	Payment Amount FEB'20 DIST RCVRY	PV	168280	001	00701	976.81 4,938.00	64367
84141	01/28/20	7257	DIRECTV, INC.	Payment Amount JAN20-21-BUS PKG	PV	168295	001	00101	4,938.00 803.88	37085153115
				JAN20-21-BUS	PV	168296	001	00751	957.88	37090349226

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document		Key		Amount	Invoice Number
					Ty	Number	Item	Co		
				PKG+TVS						
				JAN20-21-BUS	PV	168297	001	00751	815.13	37081725766
				PKG+TV						
				Payment Amount					2,576.89	
84142	01/28/20	2654	FAMCON PIPE	PIPE	PV	168294	001	00701	437.45	S100019267.00
				TAPE/WRENCHES						1
				Payment Amount					437.45	
84143	01/28/20	3864	FTI GROUP	50 W-2	PV	168242	001	00701	23.56	155117
				FORMS-FED						
				COPY						
				Payment Amount					23.56	
84144	01/28/20	6770	G.I. INDUSTRIES	1/20 DISP-RLV	PV	168249	001	00751	96.64	2926561-0283-
				FARM						0
				1/20 DISP-RLV	PV	168250	001	00751	96.64	2926560-0283-
				LATE						2
				CHG-#2925724-	PV	168251	001	00751	10.00	2930533-0283-
				0283-3						3
				12/16-12/31-2	PV	168281	001	00701	347.36	2926723-0283-
				0 YD L/S						6
				12/16-12/31-1	PV	168282	001	00751	68.00	
				0 YD RLV DISP						2926723-0283-
										6
				Payment Amount					618.64	
84145	01/28/20	2701	GRAINGER, INC.	SIPHON FEED	PV	168093	001	00701	6,435.40	9391574994
				PAINT						
				SPLY/BLADES						
				PAINT ROLLER						
				FRAME						
				Payment Amount					1,059.08	9392333572
				Payment Amount					13.40	9391756146
				WTR TESTING						
				SUPPLIES						
				Payment Amount					7,507.88	
84146	01/28/20	2705	HACH COMPANY	WTR TESTING	PV	168278	001	00701	847.03	11787188
				SUPPLIES						

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Lim Co	Amount	Invoice Number
84147	01/28/20	2611	LA DWP		PV	168300	001 00101	42.20	503850/011620
6442 HACH COMPANY 2207 COLLECTIONS CENTER DR CHICAGO IL 60693									
Payment Amount 847.03									
			RECTIFIER						
			12/16/19-1/16						
			/20						
			RECTIFIER		PV	168301	001 00101	47.48	017698/011520
			12/16/19-1/15						
			/20						
			TWN LKS P/S		PV	168302	001 00101	6,961.63	875698/011520
			12/16/19-1/15						
			/20						
Payment Amount 7,051.31									
84148	01/28/20	3038	LARRY WALKER & ASSOC	P/E	PV	168271	001 00701	399.00	00532.02-21
11/30-TAPIA CHL STDY									
Payment Amount 399.00									
84149	01/28/20	17295	MAILFINANCE	MAIL MCHN PMT	PV	168279	001 00701	325.50	N8095914
1/9-2/8/20									
Payment Amount 325.50									
84150	01/28/20	2814	MCMaster-CARR SUPPLY CO	ADAPTERS	PV	168260	001 00751	155.31	26140908
LAG BOLTS ADAPTERS & GASKETS JET PUMP/COUPLING S									
All Payee 3197 MC MASTER-CARR P. O. BOX 7690 CHICAGO IL 60680-7690									
Payment Amount 643.81									
84151	01/28/20	20994	MICHAEL MCNUTT	MLG-PRP	PV	168240	001 00701	180.55	011420
WRK/CASA CONF 1/14									
Payment Amount 180.55									
84152	01/28/20	21335	MV ENGINEERING, LLC	PWP GRANT ASST	PV	168270	001 00701	2,200.00	19112
12/1-12/31									

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Amount	Invoice Number
						Number	flm Co		
84153	01/28/20	16754	NATURAL SURROUNDINGS	Payment Amount JAN'20 FLORAL MAINT	PV	168268	001 00701	2,200.00 235.00	7347
84154	01/28/20	21134	NEW EARTH USA, LLC	Payment Amount DISP BIOSOLIDS-NOV '19	PV	168272	001 00701	27,116.02	013
84155	01/28/20	21166	O.S.T.S. INC.	Payment Amount AUDIO MAKE UP TESTS	PV	168298	001 00701	395.00	52117
84156	01/28/20	16372	OLIN CORPORATION - CHLORALKALI	Payment Amount 4,872 GAL HYPOCHLORITE	PV	168283	001 00701	395.00 4,103.81	2777629
				4,872 GAL HYPOCHLORITE	PV	168284	001 00701	4,103.81	2778654
				4,932 GAL HYPOCHLORITE	PV	168285	001 00701	4,154.35	2780621
				Alt Payee 16373 OLIN CORPORATION - CHLORALKALI P.O. BOX 402766 ATLANTA GA 30384-2766					
84157	01/28/20	20728	OLIVAREZ MADRUGA LEMIEUX & O'NEILL	Payment Amount LEGAL SERVICES-DEC' 19	PV	168292	001 00701	12,361.97 9,420.33	140/DEC'19
84158	01/28/20	19164	DONALD PATTERSON	LEGAL SERVICES-DEC' 19	PV	168292	003 00701	525.00	140/DEC'19
84159	01/28/20	20860	PAYLESS SMOG CENTER	Payment Amount EXP-CMTA TRAINING 1/15-16	PV	168241	001 00701	9,945.33 77.80	011620
				Payment Amount SMOG TEST-#800	PV	168258	001 00701	79.70	143003
				SMOG TEST-#831	PV	168259	001 00701	89.70	142895
84160	01/28/20	17334	QAIR	Payment Amount SRV-WLK AIR	PV	168255	001 00101	169.40 1,428.13	56737

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Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Amount	Invoice Number
							Item Co		
			CALIFORNIA	COMPRSSR					
				EMULSION	PV	168256	001 00101	1,230.78	56511
				SEPARATOR					
				CR	PD	168257	001 00101	1,230.78-	103324
				RETURN-#56511					
				PaymentAmount			1,428.13		
84161	01/28/20	21195	RACHIO INC.	IRGTN	PV	168092	001 00701	32,426.47	325875
				INSTALLS-DEC'					
				19					
				PaymentAmount			32,426.47		
84162	01/28/20	20779	SAND	23.97 TN 3/4"	PV	168276	001 00701	802.12	72017
			MATERIALS & AGGREGATE SALES, INC	CRSHD ROCK					
				24.88 TN	PV	168277	001 00701	668.92	72038
				CRSHD AGGRGT					
				PaymentAmount			1,471.04		
84163	01/28/20	21225	TROY SPENCER	RFND	PV	162903	001 00101	250.00	061268
				BAL-CLOSED A/C					
				PaymentAmount			250.00		
84164	01/28/20	2968	STATE WATER RESOURCES CONTROL BOARD	WST DISCHG ID-4DW0600	PV	168252	001 00101	2,572.00	WD-0167572
				PaymentAmount			2,572.00		
84165	01/28/20	21137	TESLA, INC.	RW P/S-DEC*19 SOLAR	PV	168293	001 00701	5,271.20	14351149
				PaymentAmount			5,271.20		
84166	01/28/20	12149	THATCHER CO. OF CALIFORNIA	3.894 GAL BISULFITE	PV	168286	001 00701	5,723.48	271836
				PaymentAmount			5,723.48		
84167	01/28/20	15923	TOTAL-WESTERN , INC.	QTRLY BOILER SRV-RLV	PV	168267	001 00701	5,600.00	325913
				QTRLY BOILER SRV-RLV	PV	168267	002 00701	301.67	325913
				PaymentAmount			5,901.67		
84168	01/28/20	20680	TPX COMMUNICATION S	SRV 1/16--2/15/20	PV	168253	001 00701	492.68	125507960-0
				SRV 1/16--2/15/20	PV	168253	002 00701	200.00	125507960-0

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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	168253	003	00701	182.87	125507960-0
				1/16--2/15/20						
				SRV	PV	168253	004	00701	166.87	125507960-0
				1/16--2/15/20						
				SRV	PV	168253	005	00701	200.00	125507960-0
				1/16--2/15/20						
				SRV	PV	168253	006	00701	1,100.40	125507960-0
				1/16--2/15/20						
				SRV	PV	168253	007	00701	1,102.10	125507960-0
				1/16--2/15/20						
				SRV	PV	168253	008	00701	1,326.26	125507960-0
				1/16--2/15/20						
				SRV	PV	168253	009	00701	215.70	125507960-0
				1/16--2/15/20						
				SRV	PV	168253	010	00701	200.00	125507960-0
				1/16--2/15/20						
				SRV	PV	168253	011	00701	951.00	125507960-0
				1/16--2/15/20						
				Payment Amount				6,137.88		
84169	01/29/20	3035	VWR SCIENTIFIC	CULT TUBES/PIPETES	PV	168247	001	00701	576.85	8088733646
			Alt Payee							
			3216 VWR INTERNATIONAL, INC							
			P. O. BOX 640169							
			PITTSBURGH PA 15264-0169							
				Payment Amount				576.85		
84170	01/29/20	3048	WEST COAST AIR	SRV-IT ROOM A/C 12/9/19	PV	168264	001	00701	307.50	S105688
			CONDITIONING							
				Payment Amount				307.50		
84171	01/29/20	8510	WORK BOOT WAREHOUSE	SFTY FWEAR-V.B.	PV	168299	001	00701	225.00	2-61462
				Payment Amount				225.00		
				Total Amount of Payments Written				255,544.47		
				Total Number of Payments Written				45		



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

MINUTES
REGULAR MEETING

9:00 AM

December 17, 2019

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance to the Flag was led by Mary Capps.

1. CALL TO ORDER AND ROLL CALL

The meeting was called to order at **9:03 a.m.** by Board President Lewitt in the Board Room at Las Virgenes Municipal Water District headquarters at 4232 Las Virgenes Road, Calabasas, CA 91302. Mary Capps, Acting Clerk of the Board, conducted the roll call.

Present: Directors Charles Caspary, Jay Lewitt, Lynda Lo-Hill, Len Polan (departed at 9:34 a.m.), and Lee Renger

Absent: None

Staff Present: David Pedersen, General Manager
Joe McDermott, Director of Engineering and External Affairs
Don Patterson, Director of Finance and Administration
John Zhao, Director of Facilities and Operations
Mary Capps, Acting Clerk of the Board
Keith Lemieux, District Counsel

2. APPROVAL OF AGENDA

Director Caspary moved to approve the agenda. Motion seconded by Director Renger. Motion carried unanimously.

3. PUBLIC COMMENTS

Chris Wheeler of Brown Construction & Development addressed the Board regarding the claim filed by Kurt Bendler. Mr. Wheeler stated that they were looking forward to a resolution of the claim, which had been under investigation for approximately one year, and explained that the claimant was looking for an expedited resolution as the claim status was affecting his standard of living.

Shahin Benyamin, a customer of the District, addressed the Board regarding her property located at 28254 Laura La Plante Drive in Agoura Hills. Ms. Benyamin stated that she paid for the potable water capacity fee and installation charge for a water meter; however, she did not pay the full amount for the sewer capacity fee. She noted that in the meantime there has been a fee increase for the sewer capacity fee. She requested relief from the increased fee as she was not aware that she needed to connect to the sewer system in order to lock in the rate.

4. CONSENT CALENDAR

A List of Demands: December 17, 2019: Receive and File.

B Minutes: Regular Meeting of November 19, 2019: Approve.

C Directors' Per Diem – November 2019: Ratify.

D Monthly Cash and Investment Report: October 2019

Receive and file the Monthly Cash and Investment Report for October 2019.

E CIS Software: Annual Support and Maintenance Agreement

Authorize the General Manager to execute an annual support and maintenance agreement with Advanced Utility Systems, in the amount of \$73,824.01 plus applicable taxes, for the District's Customer Information System Software.

F Customer Service Front Office Area Remodel: Contract Amendment

Authorize the General Manager to increase the contract with Bluescape Interiors by \$1,043.44, from \$35,000 to \$36,043.44, for the installation of noise-cancelling glass as part of the front office area remodel work.

G Standby Charge and Deferral Program Administration: Contract Award

Accept the proposal from Harris and Associates and authorize the General Manager to execute a three-year professional services agreement, in an annual amount not to exceed \$28,790 plus postage costs, with an optional two-year extension at a maximum 5% increase to annual amount for on-going administration of the standby charge and deferral program.

H LVUSD Science Team Water-Related Curriculum for 4th and 5th Grade Education: Grant Agreement

Authorize the General Manager to execute a one-year agreement with Las Virgenes Unified School District, in the amount of \$107,000, for the Science Team Water-Related Curriculum for 4th and 5th Grade Education.

Director Polan moved to approve the Consent Calendar. Motion seconded by Director Lo-Hill. Motion carried unanimously.

5. ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS

A Introduction of New Employees

Don Patterson, Director of Finance and Administration, introduced Eddie Rodriguez, Storekeeper.

John Zhao, Director of Facilities and Operations, introduced the following new employees: Kourtney Hayne, Management Analyst I; and Salvador Venancio, Electrical/Instrumentation Technician II.

B Recognition of Doug Barrow, Technical Services Support Supervisor, for 32 Years of Service

The Board presented a proclamation to Doug Barrow, Technical Services Support Supervisor, in recognition of his retirement following 32 years of service. Mr. Barrow expressed his appreciation to the Board.

C Recognition of Director Jay Lewitt, Board President, for Five Years of Service

Director Polan presented Board President Lewitt with a Certificate of Recognition and a pin for his five years of service on the Las Virgenes Municipal Water District Board of Directors.

D Recognition of Director Lynda Lo-Hill, Treasurer, for One Year of Service

Board President Lewitt presented Director Lo-Hill with a Certificate of Recognition for one year of service on the Las Virgenes Municipal Water District Board of Directors.

E MWD Representative Report

Glen Peterson, MWD Representative, reported that he attended the San Diego Pure Water Project Tour. He thanked the Board for inviting him and stated that it was very timely and insightful. He noted that the MWD Board approved a Local Resources Program Agreement with the San Diego County Water Authority and the City of San Diego for the San Diego Pure Water North City Project Phase 1. He provided an update regarding the MWD Board's offer to compromise to resolve the lawsuits filed by the San Diego County

Water Authority regarding water rates. He also provided an update regarding MWD's direction to use the Fiscal Year 2019-20 year-end balance for its Water Stewardship Program and not to collect its Water Stewardship Rate. He also reported that the MWD Board approved a contract with Kubota Corporation for earthquake resistant ductile iron pipe for the Casa Loma Siphon Barrel No. 1; adopted the state and federal legislative priorities for 2020; approved a program agreement with Bard Water District and farmers within the Bard Unit to provide incentives for land fallowing; and approved amendments to agreements with Desert Water Agency and Coachella Valley Water District regarding the exchange and delivery of water. He responded to a question regarding the availability of MWD's new rate realignment and rate structure for review by stating that MWD staff was currently initiating the preparation of a new two-year budget and the new rates would be available by budget time.

Director Polan departed from the meeting at 9:34 a.m.

F Legislative and Regulatory Updates

Joe McDermott, Director of Engineering and External Affairs, reported that the State Legislature would reconvene on January 6, 2020, and new bills would begin to be introduced at that time. He also reported that General Manager David Pedersen attended a California Association of Sanitation Agencies (CASA) State Legislative Committee Planning meeting in Sacramento on December 13th, where they discussed CASA's priorities to introduce a new bill that would regulate the use of flushable wipes and focus on developing a material content standard rather than a performance standard. He also reported that progress continued on federal spending bills and legislative matters. He noted that lawmakers completed negotiations regarding the National Defense Authorization Act, which included removing provisions related to cleanup of perfluoroalkyl and polyfluoroalkyl substances (PFAS) from military bases and other federally-owned properties. He noted that lawmakers expressed interest in embedding PFAS issues in a regulatory process through the Environmental Protection Agency and addressing PFAS on a scientific basis. He also provided an update regarding proposed amendments to H.R. 1497, the Water Quality Protection and Job Creation Act. He noted that the amendments would ensure that projects would continue to be eligible to receive the maximum possible grants from the Bureau of Reclamation, which could include the Pure Water Project Las Virgenes-Triunfo.

G Water Supply Conditions Update

Joe McDermott, Director of Engineering and External Affairs, presented the report. He noted that precipitation was at approximately 80 percent of normal, and snow was at 95 percent of normal. He also noted that the Department of Water Resources announced a 10 percent allocation for State Water Project Contractors. He reported that District staff had begun refilling Las Virgenes Reservoir. He noted that the low level elevation was at 1,033 feet on December 6th, and staff was anticipating bringing the level up to 1,042 feet over the next month, which would be a nine foot rise in the water level or 1,204 acre feet.

6. TREASURER

Director Lo-Hill stated that the Treasurer's report was in order.

7. GENERAL MANAGER

A Salary Resolution and Management Handbook Update: Approval and Adoption

Pass, approve, and adopt proposed Resolution No. 2567, establishing salaries for employees; and approve the updated Management Handbook.

RESOLUTION NO. 2567

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT ESTALBISHING SALARIES FOR EMPLOYEES

(Reference is hereby made to Resolution No. 2567 on file in the District's Resolution Book and by this reference the same is incorporated herein.)

General Manager David Pedersen presented the report.

Director Caspary moved to approve Item 7A. Motion seconded by Director Renger. Motion carried by the following vote:

AYES: Caspary, Lewitt, Lo-Hill, Renger

NOES: None

ABSTAIN: None

ABSENT: Polan

8. FACILITIES AND OPERATIONS

A On-Call Pipeline Repair and Paving Services: Calls for Bids

Authorize the issuance of two calls for bids, one for on-call pipeline repair and paving services and one for paving services only.

General Manager David Pedersen presented the report.

Director Lo-Hill moved to approve Item 8A. Motion seconded by Director Renger. Motion carried by the following vote:

AYES: Caspary, Lewitt, Lo-Hill, Renger

NOES: None

ABSTAIN: None

ABSENT: Polan

B Succession Planning: Limited-Term Staffing Augmentation at Tapia Water Reclamation Facility

Approve the addition of one limited-term Water Reclamation Plant Operator I/II position (Salary Grade 42/62) at the Tapia Water Reclamation Facility for succession planning purposes.

General Manager David Pedersen presented the report.

Wayne Wink, Chief Water Reclamation Plant Operator, stated that the plan would allow the new employee to access the training and time required to obtain the certification necessary to work stand-by.

Director Caspary moved to approve Item 8B. Motion seconded by Director Renger. Motion carried by the following vote:

AYES: Caspary, Lewitt, Lo-Hill, Renger

NOES: None

ABSTAIN: None

ABSENT: Polan

9. FINANCE AND ADMINISTRATION

A Fiscal Year 2018-19 Comprehensive Annual Financial Report

Receive and file the Fiscal Year 2018-19 Comprehensive Annual Financial Report.

General Manager David Pedersen presented the report.

Coley Delaney, representing The Pun Group, provided a PowerPoint presentation and overview of the Fiscal Year 2018-19 Comprehensive Annual Financial Report, including the audit approach; summary statement of net position; summary statements of revenues, expenses, and changes in net position; summary statement of cash flow; GASB 68 pension standards; other post-employment benefits plan (OPEB); and unmodified opinion audit results.

Director Caspary inquired whether annual actuarial studies were performed on the District's pension liabilities and other post-employment benefits (OPEB). Mr. Delaney responded by explaining that the June 30, 2019 pension liability numbers were based on the CalPERS actuarial evaluation ending June 30, 2017, and would always be two years behind. He also explained that unlike the pension liabilities, the OPEB liability is based on the actuarial evaluation ending June 30, 2018, and would always be one year behind.

Director Lo-Hill added that the Comprehensive Annual Financial Report (CAFR) continuously receives rewards, and she found the unmodified opinion to be valuable.

Director Caspary moved to approve Item 9A. Motion seconded by Director Lo-Hill. Motion carried by the following vote:

AYES: Caspary, Lewitt, Lo-Hill, Renger

NOES: None

ABSTAIN: None

ABSENT: Polan

10. ENGINEERING AND EXTERNAL AFFAIRS

A 2019 Local Hazard Mitigation Plan: Adoption

Pass, approve, and adopt proposed Resolution No. 2566, adopting the 2019 Hazard Mitigation Plan

RESOLUTION NO. 2566

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT ADOPTING THE 2019 HAZARD MITIGATION PLAN

(Reference is hereby made to Resolution No. 2566 on file in the District's Resolution Book and by this reference the same is incorporated herein.)

Veronica Hurtado, Assistant Engineer, presented the report.

Board President Lewitt inquired regarding the population data for the unincorporated areas of the District. Don Patterson, Director of Finance and Administration, explained that it is generally more difficult to acquire the census data for the unincorporated areas and noted that the most recent census data is from 2010. General Manager David Pedersen added that the population for the unincorporated areas was approximately 15,000, bringing the total population served by the District to approximately 70,000. Board President Lewitt requested that a note be added to reflect the 2010 census data for the unincorporated areas.

Director Renger moved to approve Item 10A. Motion seconded by Director Lo-Hill. Motion carried by the following vote:

AYES: Caspary, Lewitt, Lo-Hill, Renger

NOES: None

ABSTAIN: None

ABSENT: Polan

B Westlake Filtration Plant and Torchwood Tank Landscaping Project: CEQA Determination and Call for Bids

Find that the work is exempt from the provisions of the California Environmental Quality Act and authorize the issuance of a Call for Bids for the Westlake Filtration

Plant and Torchwood Tank Landscaping Project

Veronica Hurtado, Assistant Engineer, presented the report.

A discussion ensued regarding the location of the landscaping and whether or not it would impede future repair activities.

Director Renger moved to approve Item 10B. Motion seconded by Director Lo-Hill. Motion carried by the following vote:

AYES: Caspary, Lewitt, Lo-Hill, Renger

NOES: None

ABSTAIN: None

ABSENT: Polan

11. INFORMATION ITEMS

A Reimbursable Expenses for Fiscal Year 2018-19

12. NON-ACTION ITEMS

A Organization Reports

Director Caspary reported that he attended the Santa Monica Bay Restoration Commission meeting on December 12th. He noted that a presentation was given by the County of Los Angeles regarding Measure W, which passed last year and raised a property tax levy of \$0.02 per square foot of impermeable area for all parcels in Los Angeles County. He also reported that the Santa Monica Bay Watershed was divided into three watershed areas, and General Manager David Pedersen would serve as the Chairperson of the North Santa Monica Bay Watershed Area Steering Committee. He noted that substantial funds would be available going forward to mitigate stormwater pollution through infiltration and other means. He also reported that the Commission adopted a finance plan for the work plan, which is a five-year plan that aims to improve environmental quality, not only to the Bay, but also to the lands tributary to the Bay as well. He also reported that elections were held for three categories: business, environmental groups, and members at-large.

B Director's Reports on Outside Meetings

Director Caspary reported that he attended the ACWA Joint Powers Insurance Authority (JPIA) meeting on December 2nd. He noted that ACWA/JPIA established a captive insurance provider, and it was not proposing a rate increase for liability policies this year, although the secondary market had seen increases of up to 60 percent. He also reported that he attended the ACWA conference and noted that this year's seminars were valuable, specifically noteworthy was the Public Safety Power Shutoffs session sponsored by the ACWA Energy Committee. He noted that the take-away from that session was that the Board should not approve construction of a tract prior to completion

of the tank that would provide fire flow protection to the tract.

Director Lo-Hill reported that she attended the Association of Water Agencies of Ventura County (AWAVC) Holiday Party and the ACWA conference. She stated that she found the session on energy surplus very interesting and noted that, due to the increased popularity of solar panels, the peak energy cost time had changed such that mid-day usage is among the least expensive. She noted that there was a discussion regarding energy providers partnering with water agencies, among others, to optimize energy consumption throughout the day.

Board President Lewitt reported that he attended the AWAVC meeting where a water supply briefing was provided by the General Managers from Calleguas Municipal Water District, Casitas Municipal Water District, and United Water Conservation District. He noted that there would be a 2021 Water Summit. He also reported that he attended the San Diego Pure Water Demonstration Project Tour on December 2nd.

C General Manager Reports

(1) General Business

General Manager David Pedersen reported that he sent thank you letters to Padre Dam Municipal Water District and the City of San Diego for providing the tours on December 2nd, and extended an open invitation for them to visit the Pure Water Demonstration Facility in the future. He noted that MWD held its annual poster contest award ceremony on December 10th, and District staff attended and provided a performance of its “Water Warriors”. He also reported that a shutdown would occur on December 19th to repair a 30-inch water main on Agoura Road, west of Lewis Road.

(2) Follow-Up Items

D Directors’ Comments

Director Lo-Hill thanked the Board and staff for her one year recognition and noted that she had enjoyed her first year on the Board.

13. FUTURE AGENDA ITEMS

Director Caspary acknowledged public comment by Shahin Benyamin and directed staff to investigate and provide direction to the customer, or bring back an item to the Board for further consideration.

Director Lo-Hill requested a future agenda item addressing customer feedback on the Rachio weather-based irrigation controllers.

14. PUBLIC COMMENTS

None.

15. CLOSED SESSION

- A Conference with Legal Counsel – Liability Claim: Claimant: Mania, Jane (Government Code Section 54956.9(d)(2))**
- B Conference with Legal Counsel – Liability Claim: Claimant: Bendler, Kurt (Government Code Section 54956.9(d)(2))**

The Board recessed to Closed Session at **10:41 a.m.** and reconvened to Open Session at **11:24 a.m.**

Keith Lemieux, District Counsel, announced that during the Closed Session the Board received two reports on the above mentioned items and directed staff to deny Item 15A, a claim by Jane Mania, and settle Item 15B, a claim by Kurt Bendler.

16. OPEN SESSION AND ADJOURNMENT

Seeing no further business to come before the Board, the meeting was duly adjourned at **11:25 a.m.**

Jay Lewitt, President
Board of Directors
Las Virgenes Municipal Water District

ATTEST:

Charles Caspary, Secretary
Board of Directors
Las Virgenes Municipal Water District

(SEAL)



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

MINUTES
REGULAR MEETING

9:00 AM

January 7, 2020

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance to the Flag was led by Sherri Paniagua.

1. CALL TO ORDER AND ROLL CALL

The meeting was called to order at **9:00 a.m.** by Board President Lewitt in the Board Room at Las Virgenes Municipal Water District headquarters at 4232 Las Virgenes Road, Calabasas, CA 91302. Director Polan participated from the teleconference location at 31755 Bedfordhurst Court, Westlake Village, California. Mary Capps, Acting Clerk of the Board, conducted the roll call.

Present: Directors Charles Caspary, Jay Lewitt, Lynda Lo-Hill, Len Polan, and Lee Renger

Absent: None

Staff Present: David Pedersen, General Manager
Joe McDermott, Director of Engineering and External Affairs
Don Patterson, Director of Finance and Administration
John Zhao, Director of Facilities and Operations
Mary Capps, Acting Clerk of the Board
Keith Lemieux, District Counsel

Board President Lewitt noted that all votes taken during the meeting would require a roll call vote due to Director Polan's participation by teleconference.

2. APPROVAL OF AGENDA

General Manager David Pedersen recommended the Board change the order of the agenda to consider Item 8C immediately following the Treasurer's report in order to accommodate the request for public comment from Ms. Shahin Benyamin.

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

AYES: Caspary, Lewitt, Lo-Hill, Polan, Renger

NOES: None

ABSTAIN: None

ABSENT: None

3. PUBLIC COMMENTS

None.

4. CONSENT CALENDAR

Director Lo-Hill pulled Item 4D from the Consent Calendar for discussion.

A List of Demands: January 7, 2020: Receive and file

B Directors' Per Diem: December 2019: Ratify

C Monthly Cash and Investment Report: November 2019

Receive and file the Monthly Cash and Investment Report for November 2019.

E Budget Planning Calendar for Fiscal Years 2020-21 and 2021-22

Receive and file the Budget Planning Calendar for Fiscal Years 2020-21 and 2021-22.

F Information Systems Disaster Recovery Service: Two-Year Extension

Authorize the General Manager to execute a two-year extension agreement with Denovo Ventures, LLC for a total amount not to exceed \$131,968, for information systems disaster recovery services.

G J.D. Edwards Software: Annual Support and Maintenance Agreement

Authorize the General Manager to execute an annual support and maintenance agreement, including advanced customer support for payroll, with Oracle Corporation, in an amount not to exceed \$151,882.03 plus applicable taxes, for the J.D. Edwards Enterprise Resource Planning software.

Director Caspary moved to approve the Consent Calendar with the exception of Item 4D.

Motion seconded by Director Polan. Motion carried by the following roll call vote:

AYES: Caspary, Lewitt, Lo-Hill, Polan, Renger

NOES: None

ABSTAIN: None

ABSENT: None

4. CONSENT CALENDAR- SEPARATE ACTION ITEM

D Accounts Receivable Collection Service: Award

Accept the proposal from Continental Credit Control, Inc., and authorize the General Manager to execute an agreement based on contingency rates of 25% for accounts directly collected without the use of skip tracing or a third-party attorney and 35% for accounts requiring skip tracing or use of a third-party attorney.

Director Caspary moved to approve Item 4D. Motion seconded by Director Lo-Hill.

General Manager David Pedersen presented the report.

Darrell Johnson, Water Systems Manager, provided an overview of the accounts receivable collection process for closed, unpaid accounts.

General Manager David Pedersen responded to a question regarding where allowances for bad debts were reported in the District's financial statements by stating that the debts were reported under accounts receivables until such time that they are written off as bad debts and expensed. He also stated that staff would bring back additional information.

Motion carried by the following roll call vote:

AYES: Caspary, Lewitt, Lo-Hill, Polan, Renger

NOES: None

ABSTAIN: None

ABSENT: None

5. ILLUSTRATIVE AND/OR VERBAL PRESENTATION AGENDA ITEMS

A Legislative and Regulatory Updates

Joe McDermott, Director of Engineering and External Affairs, reported that the State Legislature was back in session as of January 6th. He noted that the draft Governor's Water Resiliency Portfolio was released, and the District had provided input regarding potable reuse and recycled water. He also noted that comments on the draft portfolio would be due by February 7th. He also reported that an article was published in the *Las Virgenes and Calabasas Enterprise* regarding perfluoroalkyl and polyfluoroalkyl substances (PFAS). He noted that PFAS had not been detected in the District's water supply; however, PFAS could likely be found in the wastewater stream and recycled

water, neither of which is consumed by customers. He also noted that the Pure Water Project Las Virgenes-Triunfo's advanced water treatment plan would remove any PFAS and other contaminants, and staff would begin a campaign to assure customers that the drinking water is safe.

B Water Supply Conditions Update

Joe McDermott, Director of Engineering and External Affairs, presented the report.

6. TREASURER

Director Lo-Hill stated that the Treasurer's report was in order.

8. ENGINEERING AND EXTERNAL AFFAIRS

C Sewer Service Capacity Fee for 28254 Laura La Plante Drive

Deny the request to accept an August 14, 2017 deposit, in the amount of \$8,510.50, as payment in full for the sewer capacity fee with a current commencement of service date for the property at 28254 Laura La Plante Drive.

Shahin Benyamin addressed the Board to request relief from payment of the current sewer capacity fee to serve her property at 28254 Laura La Plante Drive in the City of Agoura Hills due to delays caused by the City's permitting process, personal health and financial issues.

Joe McDermott, Director of Engineering and External Affairs, presented the report.

General Manager David Pedersen noted that monies paid for the sewer capacity fee are considered to be a deposit until such time as service begins and the individual becomes a bill-paying customer of the District.

Keith Lemieux, District Counsel, cautioned against making adjustments based on the Las Virgenes Code and California law because the rates were set at a certain level to recover the District's cost of providing service.

Director Renger moved to deny the request. Motion seconded by Director Caspary.

A discussion ensued regarding refunding sewer connection fee deposits plus interest earned above one percent, which is withheld pursuant to State law for the District's administrative cost of managing funds.

Director Caspary expressed interest in having a future agenda item to review the policy related to water and sewer connection fees so that the Board may provide direction to staff on a "consider" basis rather than an "ad hoc" basis, and include information on customers for which the District is holding deposits for water and sewer connection fees.

Motion carried by the following roll call vote:

AYES: Caspary, Lewitt, Lo-Hill, Polan, Renger

NOES: None

ABSTAIN: None

ABSENT: None

7. FINANCE AND ADMINISTRATION

A Continuation of Potable Water Standby Charge: Public Hearing, Introduction, and First Reading

Waive the full reading and call for proposed Ordinance No. 282 to be given first reading by title only.

(Waive further reading and introduce the Ordinance)

ORDINANCE NO. 282

AN ORDINANCE OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT AS IT RELATES TO STANDBY CHARGES FOR FISCAL YEAR COMMENCING JULY 1, 2020

(Reference is hereby made to Ordinance No. 282 on file in the District's Ordinance Book and by this reference the same is incorporated herein.)

Board President Lewitt provided introductory remarks.

Mary Capps, Acting Clerk of the Board, reported that the District published a notice of public hearing in *The Acorn* on December 26, 2019, and January 2, 2020, and 1,890 postcards were mailed to new residents within the service area.

General Manager David Pedersen explained the purpose of the Water Standby Charge. He noted that the second reading and adoption of proposed Ordinance No. 282 would take place at the February 4, 2020 Regular Board meeting.

Board President Lewitt opened the public hearing at 9:43 a.m.

There were no public comments.

Mary Capps, Acting Clerk of the Board, confirmed that the District did not receive any written or verbal comments.

Board President Lewitt closed the public hearing at 9:44 a.m.

Director Renger moved to waive the full reading and call for proposed Ordinance No. 282 to be given first reading by title only, waive further reading, and introduce Ordinance No. 282. Motion seconded by Director Caspary. Motion carried by the following roll call vote:

AYES: Caspary, Lewitt, Lo-Hill, Polan, Renger

NOES: None

ABSTAIN: None

ABSENT: None

Keith Lemieux, District Counsel, read Ordinance No. 282 by title only.

8. ENGINEERING AND EXTERNAL AFFAIRS

A Policy on the Discontinuation of Water Service for Non-payment: Adoption

Pass, approve, and adopt proposed Resolution No. 2568, adopting a Policy on the Discontinuation of Residential Water Service for Non-Payment.

RESOLUTION NO. 2568

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT AMENDING RESOLUTION NO. 2468 (ADMINISTRATIVE CODE) AS IT RELATES TO A POLICY ON THE DISCONTINUATION OF RESIDENTIAL WATER SERVICE FOR NON-PAYMENT

(Reference is hereby made to Resolution No. 2568 on file in the District's Resolution book and by this reference the same is incorporated herein.)

Ursula Bosson, Customer Service Office Supervisor, presented the report.

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

A discussion ensued regarding concerns with phoning customers via the use of an automated message prior to discontinuation of residential water service for non-payment because customers might not recognize the phone number, and customers might believe the call is a scam and not listen to the message.

Director Lo-Hill suggested amending the policy to reflect notifying customers via door tag five "calendar" days prior to water shut-off for non-payment, and change references to "invoice date" or "bill date" to reflect "due date."

Ms. Bosson responded to a question regarding sending customers an email or text message when payment is late by stating that customers may choose to receive notification by email or text. She noted that Invoice Cloud sends email reminders when a bill is past due if the customer has chosen to receive an email.

Director Lo-Hill moved to revise proposed Resolution No. 2568 to clarify throughout references to the bill due date rather than the invoice or bill date, and make a change that the door tags would be placed five calendar days before shutoff with a phone call seven calendar days prior to shutoff. Amended motion seconded by Director Renger.

Amended motion carried by the following roll call vote:

AYES: Caspary, Lewitt, Lo-Hill, Polan, Renger
NOES: None
ABSTAIN: None
ABSENT: None

B Saddle Peak and Cordillera Tank Rehabilitation Project: Reject Bid

Reject the bid from Spiess Construction Company, Inc., for construction of the Saddle Peak and Cordillera Tank Rehabilitation Project.

Eric Schlageter, Principal Engineer, presented the report.

Director Caspary moved to reject the bid from Spiess Construction Company, Inc. Motion seconded by Director Lo-Hill.

Mr. Schlageter responded to a question regarding rebidding the project later in the year.

Motion carried by the following roll call vote:

AYES: Caspary, Lewitt, Lo-Hill, Polan, Renger
NOES: None
ABSTAIN: None
ABSENT: None

9. INFORMATION ITEMS

A Redemption of Series 2009 Sanitation Refunding Revenue Bonds

10. NON-ACTION ITEMS

A Organization Reports

None.

B Director's Reports on Outside Meetings

None.

C General Manager Reports

(1) General Business

General Manager David Pedersen reported that the contractor for the Calabasas Tank Recoating Project would perform the final warranty repairs beginning on January 13th, and the tank would be taken out of service for approximately one month. He also reported that the MWD shutdown of the Joseph Jensen Water Treatment Plant and the Foothill Feeder would be take place February 3rd through February 8th. He noted that approximately 600 acre-feet of water was added to Las Virgenes Reservoir in December 2019, and the current lake level was 1,038 feet. He also reported that staff would bring back an information item at a future meeting to discuss the design capacity of the spillway at Las Virgenes Reservoir, and the capability of the spillway in the event of a storm affecting the catchment area of the reservoir.

(2) Follow-Up Items

D Directors' Comments

None.

11. FUTURE AGENDA ITEMS

Director Caspary moved for an analysis of water and sewer capacity fee deposits, including numbers and dollar values, how long deposits are held and disposition of amounts not yet taken to revenue, handling of accrued interest, and accommodating customer delays in building. Motion seconded by Director Lo-Hill.

Director Caspary moved for a report on uncollected receivables, a policy for write-off, and visibility on the financial statements. Motion seconded by Director Lo-Hill.

Director Lo-Hill moved for a report regarding the feasibility, cost and logistics of sending text messages to customers prior to water shutoff for non-payment. Motion seconded by Director Caspary.

12. PUBLIC COMMENTS

None.

13. CLOSED SESSION

A Conference with Legal Counsel – Anticipated Litigation (Government Code Section 54956.9(d)(2) and (e)(3): One (1) matter

The Board recessed to Closed Session at 10:19 a.m. and reconvened to Open Session at 10:47 a.m.

Keith Lemieux, District Counsel, announced that the Board received a report in Closed Session and denied a claim by George Kreider.

14. OPEN SESSION AND ADJOURNMENT

Seeing no further business to come before the Board, the meeting was duly adjourned at **10:48 a.m.**

Jay Lewitt, President
Board of Directors
Las Virgenes Municipal Water District

ATTEST:

Charles Caspary, Secretary
Board of Directors
Las Virgenes Municipal Water District

(SEAL)



February 4, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject : Cash and Investment Report: December 2019

SUMMARY:

During the month of December 2019, the value of the District's investment portfolio increased from \$85,275,641, held on December 31, 2019, to \$88,880,739. There were eight investments that matured or were called in December, and six investments were purchased, decreasing the book value to \$50,194,054. The value of the District's Local Agency Investment Fund (LAIF) account increased to \$37,608,037. During the fourth quarter of calendar year 2019, the District's investment portfolio earned \$493,700.93 in interest.

RECOMMENDATION(S):

Receive and file the Cash and Investment Report for December 2019.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

DISCUSSION:

As of December 31, 2019, the District held \$88,880,739, up 0.95% year-over-year. The portfolio was up 4.23% from the previous month's total of \$85,275,641. The majority of the funds were held in the District's investment account, which had a December 31st book value of \$50,194,054. LAIF held the majority of the remaining funds, in the amount of \$37,608,037. A significant portion of the balance, \$1,074,996, was held in the District's money market account. The annualized yield for the District's investment portfolio was 2.08% in December 2019, flat from November. The annualized yield on the District's LAIF funds was 2.04% in December, down as compared to November's 2.10%. The total yield on the District's accounts was 2.06%, down from 2.17% year-over-year.

Six investments were called during December 2019:

- FHLMC callable agency, in the amount of \$1,000,000, with an original maturity of 6/4/24 was called on 12/04/19; YTM 2.65%.
- FHLB callable agency, in the amount of \$1,000,000, with an original maturity of 12/9/21 was called on 12/09/19; YTM 1.875%.
- FHLMC callable agency, in the amount of \$1,000,000, with an original maturity of 06/16/21 was called on 12/16/19; YTM 2.00%.
- FHLMC callable agency, in the amount of \$1,000,000, with an original maturity of 12/27/22 was called on 12/27/19; YTM 2.30%.
- FHLMC callable agency, in the amount of \$1,000,000, with an original maturity of 06/29/22 was called on 12/29/19; YTM 2.125%.
- FHLB callable agency, in the amount of \$1,000,000, with an original maturity of 6/30/21 was called on 12/30/19; YTM 2.00%.

Two investments matured during December 2019:

- FHLMC callable agency, in the amount of \$1,000,000, matured on 12/27/19; YTM 1.40%
- FHLMC callable agency, in the amount of \$1,000,000, matured on 12/27/19; YTM 1.61%

Six investments were purchased during December 2019:

- FFCB agency bullet, in the amount of \$1,000,000, maturing on 12/02/21; YTM 1.70%.
- South Gate, CA Public Utility Authority Water Bond, in the amount of \$500,000, maturing on 10/01/24, YTM 2.224%.
- FHLMC callable agency, in the amount of \$1,000,000, maturing 12/18/23; YTM 1.85%.
- FHLB callable agency, in the amount of \$1,000,000, maturing 12/23/22; YTM 1.82%.
- Medallion Bank insured CD, in the amount of \$245,000, maturing on 12/22/23; YTM 1.70%.
- FHLMC agency callable, in the amount of \$1,000,000, maturing on 12/28/23; YTM 1.85%.

The following transactions occurred in the District's LAIF account:

- 12/06/19 – Deposit in the amount of \$2,000,000.
- 12/06/19 – Deposit in the amount of \$1,000,000.
- 12/12/19 – Deposit in the amount of \$1,000,000.
- 12/19/19 – Deposit in the amount of \$3,000,000.
- 12/23/19 – Deposit in the amount of \$1,600,000.

The District's investments are in compliance with the adopted Investment Policy, and the District has sufficient funds to meet expenditures during the next six months from funds held in LAIF.

Quarterly Investment Report:

During the fourth quarter of calendar year 2019, the District's portfolio earned \$250,418.44 in interest and accrued an additional \$243,282.49 in interest for a total amount of \$493,700.93.

Attached is a detailed report of quarterly interest by investment.

Cash Analysis:

Another important aspect of the Monthly Cash and Investment Report is to monitor the District's performance as compared to its adopted Financial Policies. Attachment B shows the District's total cash and investments as of December 31, 2019 and compares the balances to the adopted Financial Policies. As shown for December 2019, the Potable Water Enterprise was \$1.7 million below the levels set forth in the District's Financial Policies. The Sanitation Enterprise had cash and investments available for capital projects or bond redemption in the amount of \$13.6 million, and the Recycled Water Enterprise had cash and investments available for capital projects in the amount of \$13.6 million. The Board has assigned \$5 million in funds from the Recycled Water Enterprise and \$10 million in funds from the Sanitation Enterprise for use on the Pure Water Project Las Virgenes-Triunfo. Cash in excess of required reserves and assignments is available for capital projects.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Donald Patterson, Director of Finance and Administration

ATTACHMENTS:

Charts

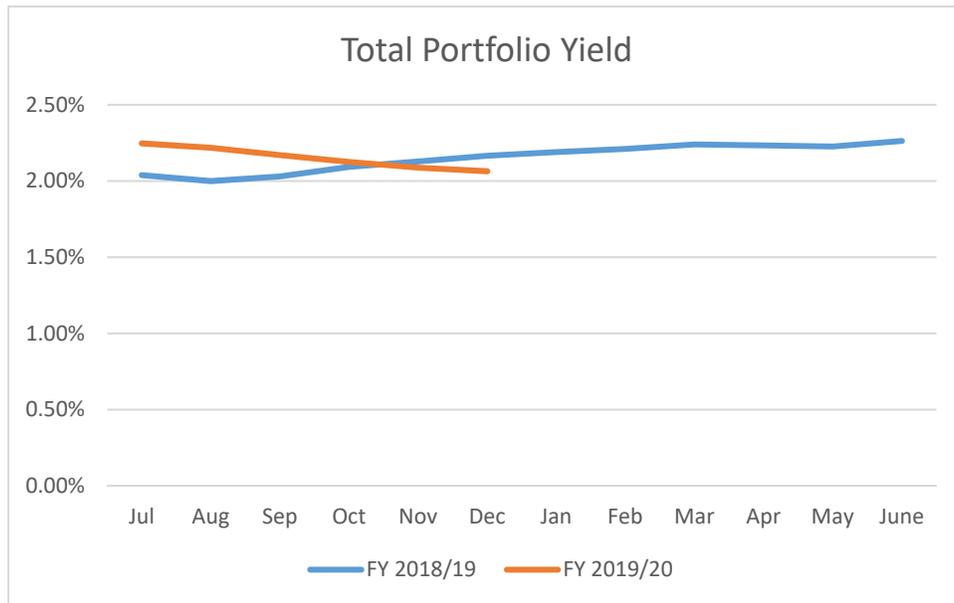
Monthly Investment Report

Quarterly Investment Report

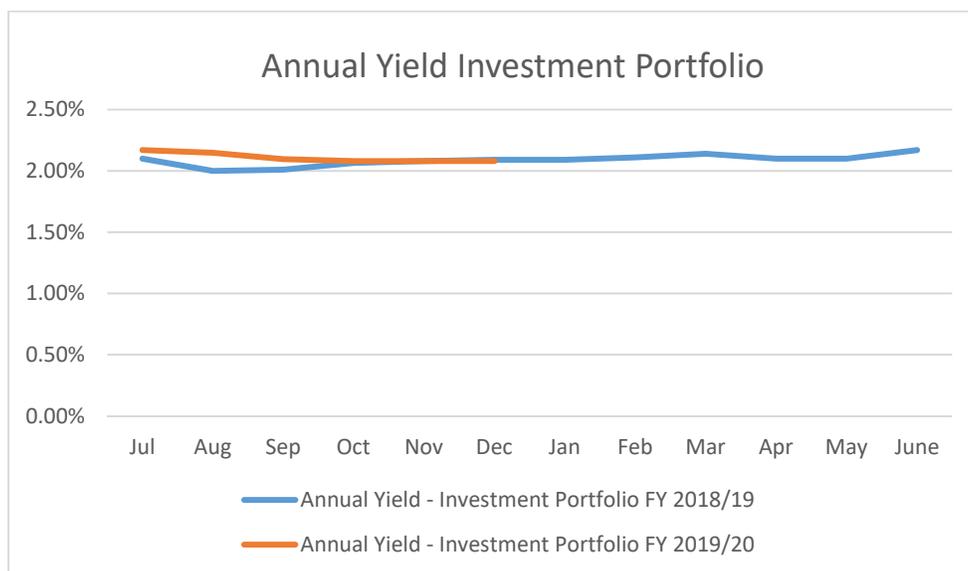
Definitions

December Cash Report

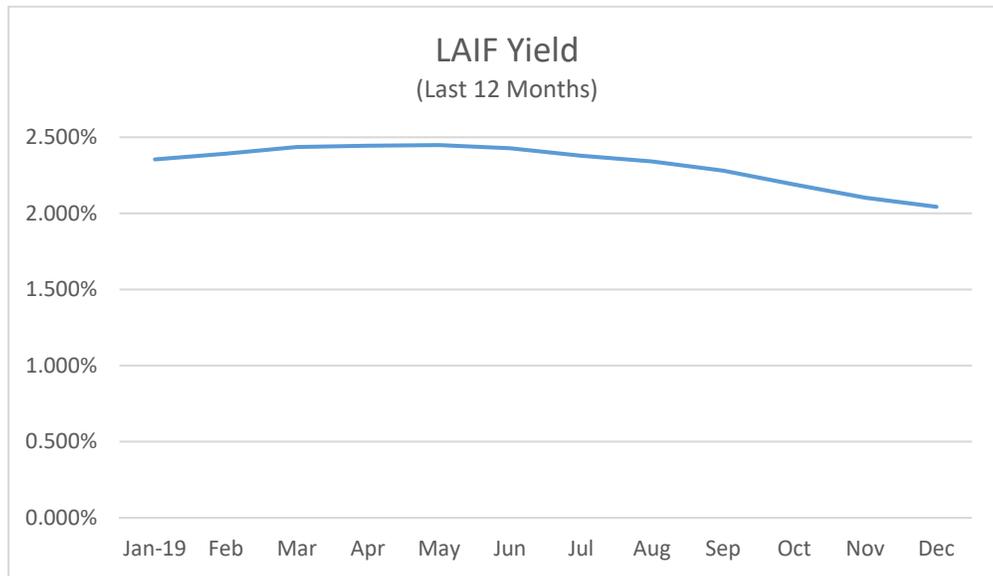
As of December 31, 2019, at Book Value, LAIF held 42.31% of the District’s portfolio, the investment portfolio held 56.47%, and the refunding revenue bond held 1.21%, with the remainder in a money market account. As can be seen in the chart below, the total yield in December 2019 was 2.06%, down three basis point from August and down from 2.17% one year ago.



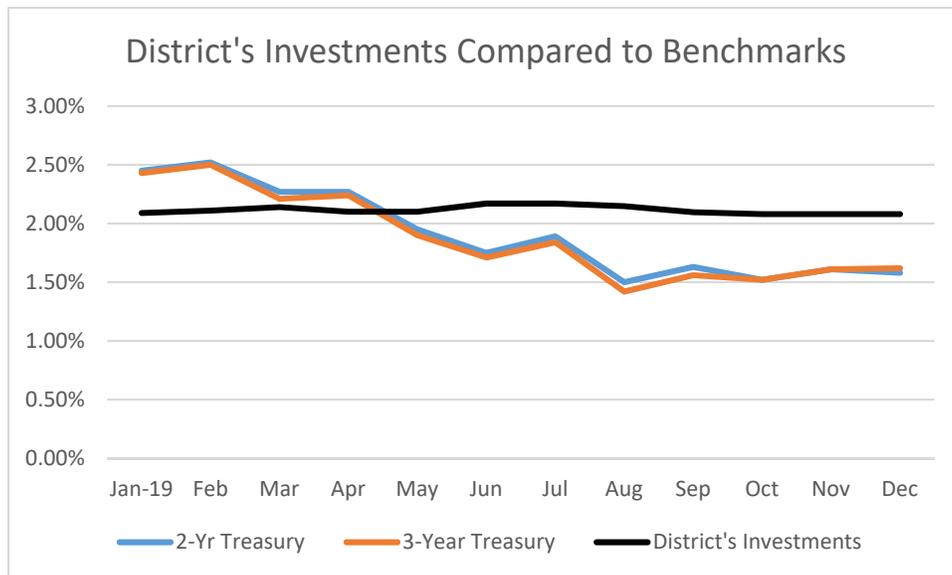
In December, the annualized yield for the District’s Investment Portfolio was flat from November at 2.08% and down from 2.09% a year ago. The chart below shows annualized monthly yield of the current fiscal year compared with the same monthly yield over the previous year.



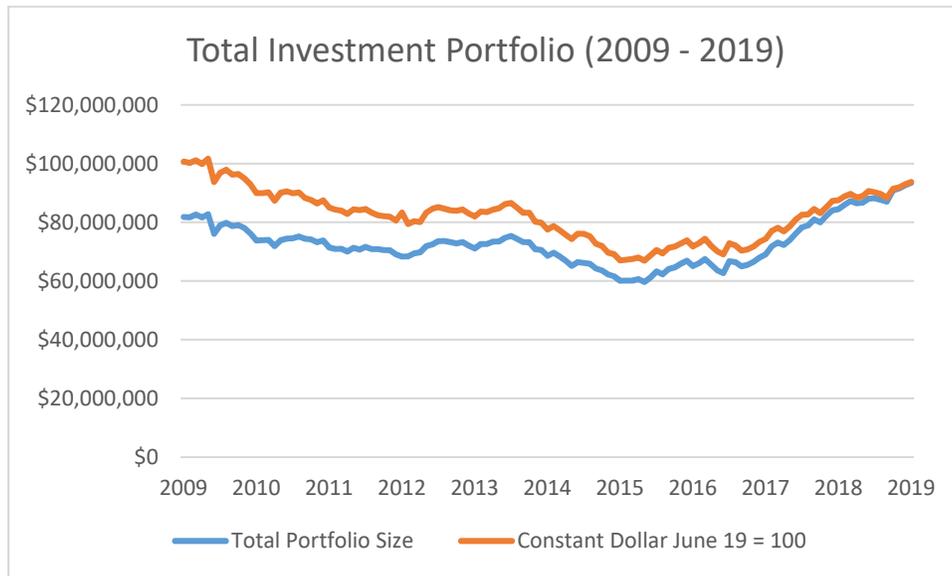
The following chart shows the average annualized LAIF yields over the past twelve months. In December, the LAIF yield was 2.04%, down from November's 2.10% and down from 2.29% a year ago.



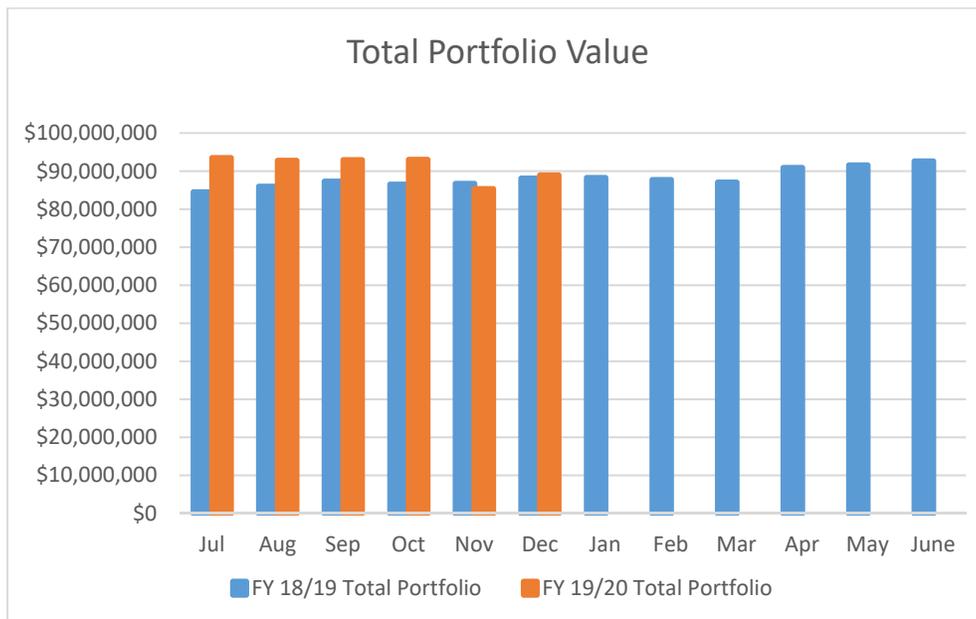
In order to benchmark how the District's portfolio is performing, it is useful to compare its investment portfolio with a comparable index. The District has historically compared its investment portfolio returns to the 2-Year and 3-Year Treasury notes. Because the District buys and holds its investments, the average portfolio yield should generally be flatter and trail the 2 and 3-year Treasuries.



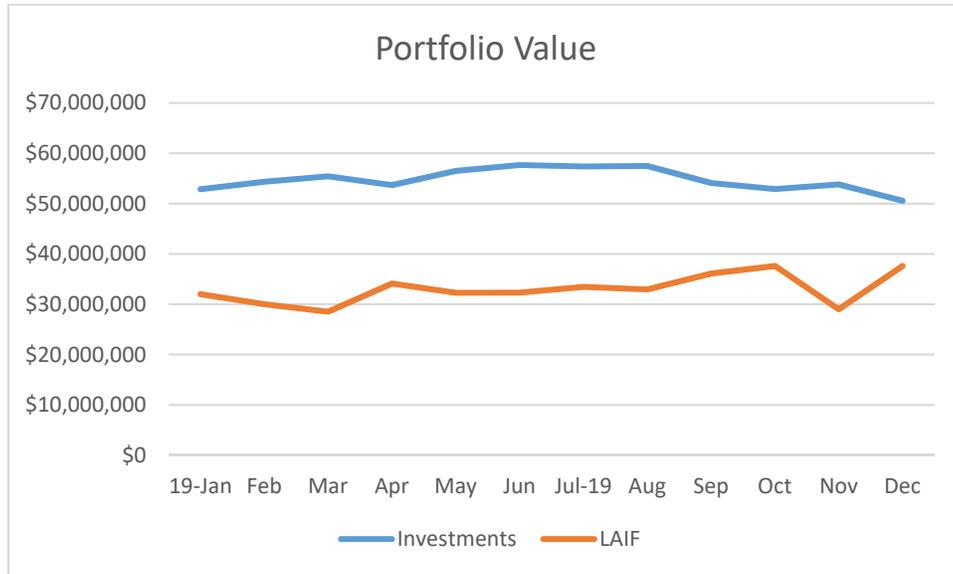
Equally important to monitoring performance is to monitor total portfolio value that includes the District's Investment Portfolio and LAIF accounts. The chart below shows the total portfolio value between 2009 and 2019. In December 2019, the District's portfolio increased 4.23% from November to \$88,880,739.



The chart below compares total portfolio value in the current Fiscal Year, compared to the same period in the previous fiscal year.

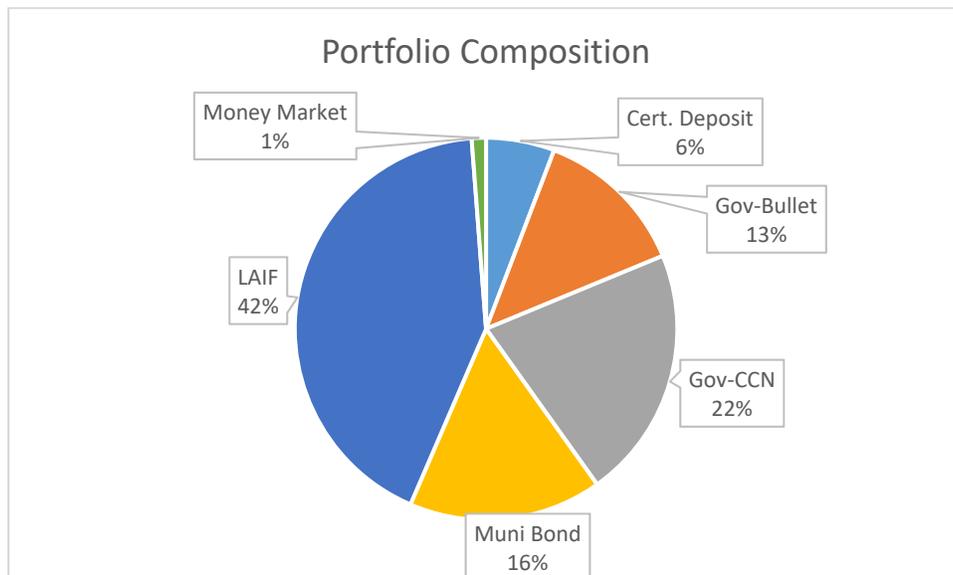


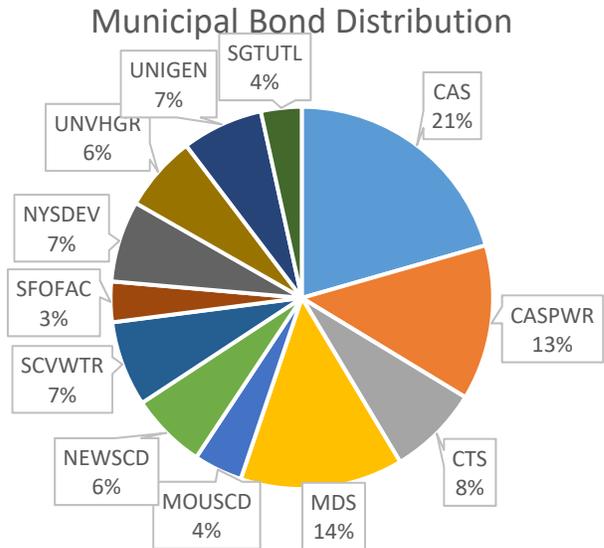
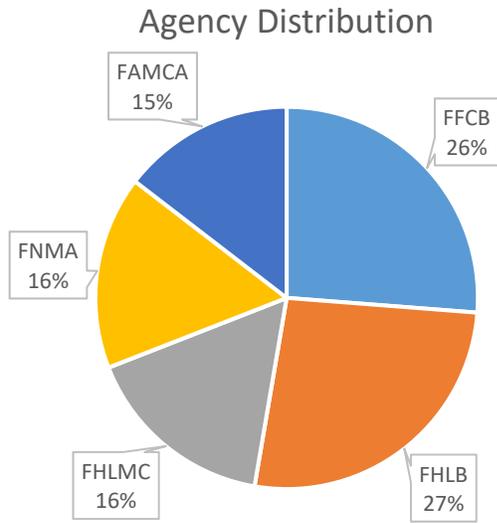
The chart below shows the value of the District’s Investment and LAIF portfolios over the past twelve-month period. The District’s Investment Policy requires an amount equal to 6 months of operating budget to be kept in LAIF, which is \$28.8 million.



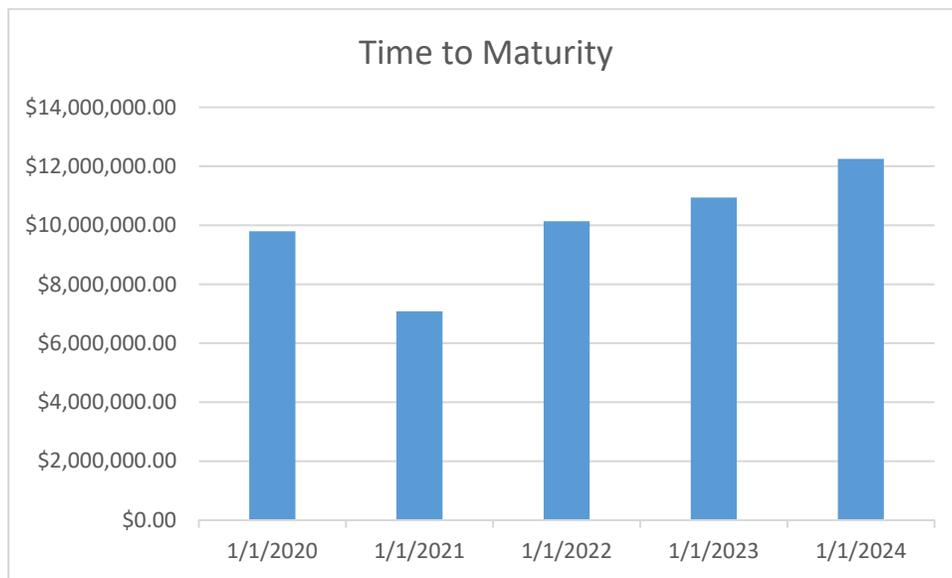
Diversification

It is important to monitor the composition of the portfolio to ensure proper diversification of the District’s investments. The District seeks to diversify based on type of investment and time to maturity. The charts below shows the diversification of the District’s portfolio at par value.





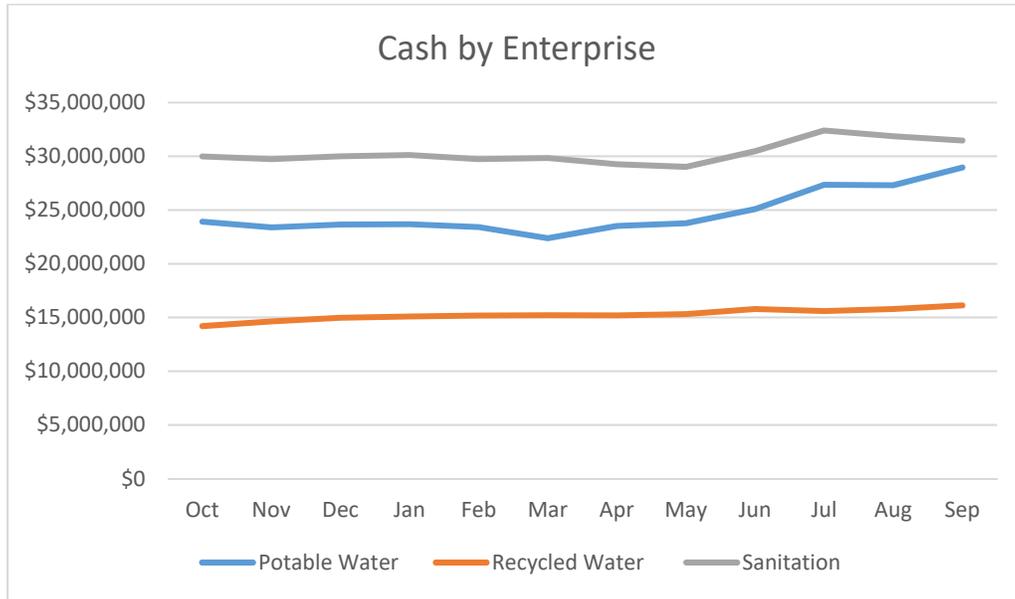
Another important factor to diversification is time to maturity. The District varies the time to maturity based on several factors including maintaining sufficient liquidity for anticipated capital expenditures, anticipated direction of future interest rates, and the quality of investments offered for a given maturity. In December, the average time to maturity was 2.70 years, slightly higher than September's 2.69 years. The District targets a 3-year average maturity in the investment portfolio.



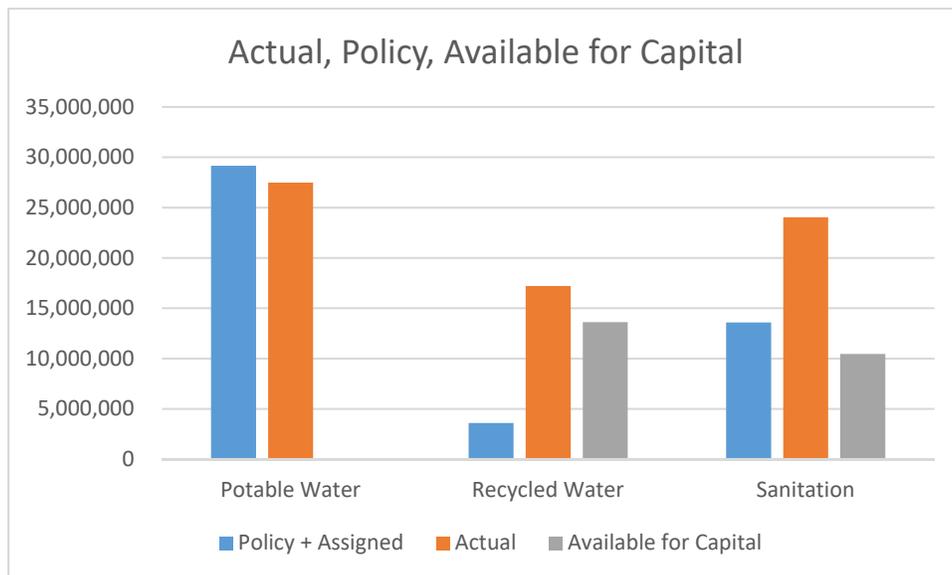
Quarterly Cash Analysis

The District’s Financial Policies set forth the amount of cash that the District maintain for various reserves including those for operating, capital, insurance, and other liabilities.

The following chart shows cash balances by enterprise over the past two Fiscal Years. Over the first half of FY 2019-20, the cash balance in potable water increased by 33.88% to \$27,479,456; the cash balance in recycled water increased by 11.73% to \$17,198,217; and the cash balance in sanitation decreased by 21.44% to \$24,023,178 following calling the 2009 Sanitation Bonds.



The following chart shows how the cash balances compare to the District’s Financial Policies.



Date: January 17, 2019
 To: David W. Pedersen, General Manager
 From: Finance and Administration Department
 Subject: Investment Report for the Month of December 2019

Summary of Investments

Investments Maturing Within Six Months:

Disc./Cpn Rate	Yield To Maturity	Yield To Call	Investment Type	Date Invested	Next Call Date	Date Matures	Book Value	Par Value	Market Value	Market Value Source
1.300%	1.300%		FNMA-Bullet	02/24/16		02/24/20	1,000,000	1,000,000	999,550	Custodian
1.800%	1.800%		MDS-Muni Bond	03/22/17		03/15/20	1,000,000	1,000,000	1,000,240	Custodian
			Sub-Total				2,000,000	2,000,000	1,999,790	

Investments Maturing After Six Months:

1.600%	1.600%	1.600%	FNMA-Bullet	05/19/15		05/19/20	1,000,000	1,000,000	1,000,030	Custodian
2.250%	1.732%		CONNECTICUT ST-MuniBo	02/17/16		09/01/20	1,119,649	1,095,000	1,097,628	Custodian
2.427%	1.779%		NEWSCD-MuniBond	03/17/16		08/01/20	934,688	910,000	913,776	Custodian
1.400%	1.400%	1.400%	FFCB-Callable Coupon	04/13/16	Cont. 4/13/17	04/13/20	1,000,000	1,000,000	999,120	Custodian
1.500%	1.500%		CAL ST-MuniBond	04/28/16		04/01/21	1,000,000	1,000,000	997,030	Custodian
2.387%	1.392%		SCWTR-MuniBond	06/21/16		06/01/21	1,047,370	1,000,000	1,008,730	Custodian
1.960%	1.960%	1.960%	MOUSCD-MuniBond	07/14/16		08/01/21	600,000	600,000	599,664	Custodian
1.550%	1.550%		CAPITAL ONE BANK - CD	08/10/16		08/10/21	245,000	245,000	244,062	Custodian
1.580%	1.501%	0.700%	FNMA-Callable Coupon	08/15/16	03/15/20	06/15/20	1,002,920	1,000,000	999,930	Custodian
1.400%	1.400%	1.400%	FNMA-Callable Coupon	08/24/16	02/24/20	08/24/20	1,000,000	1,000,000	998,250	Custodian
1.450%	1.450%		JP Morgan Chase BK-CD	09/16/16	03/16/20	09/16/20	245,000	245,000	244,346	Custodian
1.713%	1.713%		CASPWR-Muni Bond	09/28/16		05/01/21	944,684	944,684	944,306	Custodian
1.480%	1.480%	1.483%	FNMA-Callable Coupon	09/29/16	03/29/20	12/29/20	1,000,000	1,000,000	998,160	Custodian
1.5-Up	2.115%	1.250%	FHLB-Callable Coupon	11/17/16	02/17/20	11/17/21	1,000,000	1,000,000	998,820	Custodian
1.5-Up	2.116%	1.300%	FHLMC-Callable Coupon	11/22/16	02/22/20	11/22/21	1,000,000	1,000,000	999,500	Custodian
2.000%	2.046%	2.018%	FHLMC-Bullet	01/30/17		01/26/22	997,850	1,000,000	1,005,160	Custodian
2.350%	2.350%		Goldman Sachs Bank - CD	06/21/17		06/21/22	245,000	245,000	248,459	Custodian
2.350%	2.350%		Sallie Mae Bank/Salt LK-CD	06/21/17		06/21/22	245,000	245,000	248,459	Custodian
2.000%	2.000%	2.000%	FHLB-Callable Coupon	08/10/17	08/10/20	08/10/22	1,000,000	1,000,000	1,001,510	Custodian
2.250%	2.104%	1.465%	FHLMC-Bullet	08/16/17		06/29/22	1,000,300	1,000,000	1,015,700	Custodian
2.400%	2.400%		American Express - CD	08/29/17		08/29/22	245,000	245,000	247,933	Custodian
2.400%	2.400%		Capital One NA - CD	08/30/17		08/30/22	245,000	245,000	248,886	Custodian
1.750%	1.766%		FFCB-Bullet	09/13/17		09/13/22	999,250	1,000,000	1,003,740	Custodian
2.500%	2.604%		SFOFAC-Muni Bond	11/09/17		09/01/22	497,650	500,000	506,305	Custodian
2.050%	2.050%		BMW Bank - CD	11/29/17		11/30/20	245,000	245,000	245,875	Custodian
2.500%	2.500%		Wells Fargo Bank - CD	12/08/17		12/08/22	245,000	245,000	249,765	Custodian
2.550%	2.550%		NYSDEV-Muni Bond	12/21/17		03/15/22	1,000,000	1,000,000	1,016,610	Custodian
2.200%	2.200%		Merrick Bank-CD	01/09/18		01/11/21	245,000	245,000	246,345	Custodian
2.650%	2.650%		Morgan Stanley Bank-CD	01/11/18		01/11/23	245,000	245,000	250,914	Custodian
2.130%	2.338%		FAMCA-Bullet	01/24/18		01/24/23	990,240	1,000,000	1,014,830	Custodian
2.650%	2.650%	2.650%	FHLB-Callable Coupon	02/28/18	02/28/20	02/28/23	1,000,000	1,000,000	1,001,100	Custodian
2.700%	2.700%		FFCB-Bullet	04/11/18		04/11/23	1,000,000	1,000,000	1,033,940	Custodian
3.150%	3.150%		CitiBank NA - CD	05/11/18		05/11/23	245,000	245,000	255,498	Custodian

LVMWD Investment Report for the Month Ending December 31, 2019

Disc./Cpn Rate	Yield To Maturity	Yield To Call	Investment Type	Date Invested	Next Call Date	Date Matures	Book Value	Par Value	Market Value	Market Value Source
Investments Maturing After Six Months (continued):										
3.297%	3.297%	3.297%	UNVHGR-Muni Bond	06/05/18	Cont. 6/5/18	05/15/23	930,000	930,000	973,515	Custodian
2.900%	2.980%		FAMCA-Bullet	08/01/18		07/24/23	996,263	1,000,000	1,043,200	Custodian
2.000%	3.063%		CASPRW-Muni Bond	09/24/18		05/01/22	963,980	1,000,000	1,005,450	Custodian
2.250%	3.092%		CAS-Muni Bond	10/31/18		10/01/23	961,850	1,000,000	1,010,360	Custodian
3.350%	3.350%		Morgan Stanley PVT BK-CD	01/10/19		01/10/24	245,000	245,000	259,279	Custodian
1.980%	2.810%		FAMCA-Bullet	02/01/19		06/30/22	452,510	465,000	469,306	Custodian
2.850%	2.850%		1st MO St Bank - CD	02/13/19		08/14/23	245,000	245,000	253,685	Custodian
3.000%	3.000%		TIAA FSB - CD	02/22/19		02/22/24	245,000	245,000	256,143	Custodian
3.250%	2.536%		FHLB-Bullet	02/25/19		06/09/23	1,028,810	1,000,000	1,053,640	Custodian
2.800%	2.800%		FHLB-Callable Coupon	02/26/19	02/26/21	02/26/24	1,000,000	1,000,000	1,009,000	Custodian
2.370%	2.524%		FFCB-Bullet	03/12/19		02/05/24	992,950	1,000,000	1,025,560	Custodian
3.375%	2.227%		FHLB-Bullet	03/28/19		09/08/23	1,048,330	1,000,000	1,060,910	Custodian
2.750%	2.750%		Comenity CAP Bank-CD	04/30/19		04/30/24	245,000	245,000	253,908	Custodian
3.000%	2.500%		CAS-Muni Bond	05/01/19		04/01/24	1,022,980	1,000,000	1,038,270	Custodian
2.400%	2.400%		1st Choice Bank - CD	05/22/19		11/23/20	245,000	245,000	246,624	Custodian
2.650%	2.650%		Bank of New Eng Salem-CD	05/23/19		05/23/24	245,000	245,000	252,928	Custodian
2.850%	2.850%		St. Bank of India -CD	06/19/19		06/19/24	245,000	245,000	245,639	Custodian
2.160%	1.865%		FFCB-Bullet	06/28/19		06/03/24	1,013,820	1,000,000	1,017,590	Custodian
2.150%	2.150%		Enerbank USA - CD	08/07/19		08/07/24	245,000	245,000	247,624	Custodian
1.590%	1.590%		Maryland St.-Muni Bond	08/28/19		08/01/22	1,000,000	1,000,000	995,040	Custodian
2.147%	2.147%		UNIGEN - Muni Bond	08/29/19		06/01/24	1,000,000	1,000,000	996,870	Custodian
2.000%	2.000%	2.000%	FFCB-Callable Coupon	09/03/19	09/03/20	09/03/24	1,000,000	1,000,000	996,550	Custodian
1.750%	1.750%		1st Farmers BK7Trust-CD	09/04/19		09/04/24	245,000	245,000	243,202	Custodian
1.650%	1.650%	1.650%	FFCB-Callable Coupon	09/09/19	09/09/21	09/09/24	1,000,000	1,000,000	995,850	Custodian
1.740%	1.664%		FAMCA-Bullet	09/30/19		09/26/24	1,003,620	1,000,000	1,003,210	Custodian
2.000%	2.000%		FHLB-Callable Coupon	10/02/19	10/02/20	10/02/24	1,000,000	1,000,000	984,250	Custodian
1.790%	1.804%		FAMCA-Bullet	11/15/19		11/01/24	999,340	1,000,000	1,000,170	Custodian
1.700%	1.700%		FFCB-Callable Coupon	12/09/19	03/02/20	12/02/21	1,000,000	1,000,000	999,880	Custodian
2.224%	2.224%		SGTUTL - Nuni Bond	12/18/19		10/01/24	500,000	500,000	499,865	Custodian
1.850%	1.850%		FHLMC-Callable Coupon	12/18/19	12/18/20	12/18/23	1,000,000	1,000,000	999,700	Custodian
1.820%	1.820%		FHLB-Callable Coupon	12/23/19	06/23/20	12/23/22	1,000,000	1,000,000	1,000,080	Custodian
1.700%	1.700%		Medallion Bank UT-CD	12/23/19		12/22/23	245,000	245,000	243,697	Custodian
1.850%	1.850%		FHLMC-Callable Coupon	12/30/19	12/28/20	12/28/23	1,000,000	1,000,000	1,000,190	Custodian
			Sub-Total				48,194,054	48,089,684	48,565,566	
			Total Investments				\$50,194,054	\$50,089,684	\$50,565,356	
Interest earnings for the month were as followed:							Amount	Current Yield		
			Refunding Revenue Bonds - Reserve Fund (Bank of New York Mellon)				\$2,944		2.043%	
			Investments				91,807		2.080%	
			Local Agency Investment Fund (LAIF)				58,808		2.043%	
			Blackrock Liquidity Fund - US Treasury Money Market Fund (Union Bank)				320		1.350%	
			Sweep Accounts (Wells Fargo Bank/Bank of New York Mellon)				8,411		1.480%	
			Total Earnings				\$162,290			

LVMWD Investment Report for the Month Ending December 31, 2019

Schedule of Investment Balance Limitations (Per District investment policy)

The source of the market valuation is as followed:

Investments (Note 1)	Total Amount Invested	% of Total	Max. Limit Allowed
Refunding Revenue Bonds - Reserve Fund (Bank of New York Mellon/LAIF)	\$50,194,054	56.47%	no limit
Blackrock Liquidity Fund - US Treasury Money Market Fund (Union Bank)	3,652	0.01%	1 yr debt pmt.
Local Agency Investment Fund (LAIF)	1,074,996	1.21%	no limit
	37,608,037	42.31%	65,000,000
Total	\$88,880,739	100.00%	

Note 1: The average weighted duration for investments, excluding LAIF, is 987 days, which is under the assumption that callable coupons will not be called and will be held until maturity.
 Note 2: In December 2019, Joint Powers Authority's participation in investment is \$6,246,768.45, of which \$2,301,621.88 (or 36.84%) belongs to LV.

Bank Account Balances as of December 31, 2019:

Bank Name	Account Type	Amount
Wells Fargo Bank	Checking	\$119,736 (Note 3)
Wells Fargo Bank	Sweep	2,798,960
Bank of New York Mellon	Money Market	6,031
	Total	\$2,924,727

Note 3: This is bank balance without adjusting for outstanding checks. The total amount of outstanding checks is unavailable at the time of reporting.

"All District investments are included in this report and all investments, except those relating to debt issues and deferred compensation programs funds, conform to District investment policy. All investment transactions within the period covered by this report, except for the exceptions noted above, conform to District investment policy. Deferred compensation program funds are not included in this report; their investment is directed by individual employees participating in the deferred compensation program and not by the District. Debt issue funds are included in this report; their investment is controlled by specific provisions of the issuance documents and not by the District."

"The deposits and investments of the District safeguard the principal and maintain the liquidity needs of the District, providing the District with the ability to meet expenditure requirements for the next six months. The maturity dates are compatible with foreseeable cash flow requirements. The deposits and investments can be easily and rapidly converted into cash without substantial loss of value."

Approved for February 4, 2020 Agenda:



David W. Pedersen, General Manager

I HEREBY CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT

TO THE BEST OF MY KNOWLEDGE

Lynda Lo-Hill, Treasurer

Note: Gov. Agency Coupon Notes will distribute interest every six month.
 1-CPNRT=1.25% to 11/18; 1.5% to 5/20; 2% to 11/20; 4% to 5/21; thereafter 6%.
 3-CPNRT=1.5% to 6/18; thereafter 2.25%.

2-CPNRT=1.3% to 5/19; 1.5% to 5/20; 2% to 11/20; 4% to 5/21; thereafter 6%.

**LAS VIRGENES MUNICIPAL WATER DISTRICT
INVESTMENTS - 4TH QUARTER ENDED DECEMBER 31, 2019**

Investment Type	Interest Rate	No. of Days	Purchase Date	Maturity Date	Book Value	Par Value	Quarterly Interest Earned	Quarterly Interest Accrued	Quarterly Total Interest
FAMAC - Bullet	2.900%	1818	08/01/18	07/24/23	996,263.00	1,000,000.00		7,250.01	7,250.01
FAMAC - Bullet	1.980%	1245	02/01/19	06/30/22	452,510.10	465,000.00		2,301.75	2,301.75
FAMAC - Bullet	1.740%	1823	09/30/19	09/26/24	1,003,620.00	1,000,000.00		4,350.00	4,350.00
FAMAC - Bullet	1.790%	1813	11/15/19	11/01/24	999,340.00	1,000,000.00		2,287.23	2,287.23
FAMAC - Callable	2.130%	1826	01/24/18	01/24/23	990,240.00	1,000,000.00		5,325.00	5,325.00
FFCB - Bullet	1.750%	1826	09/13/17	09/13/22	999,250.00	1,000,000.00		4,374.99	4,374.99
FFCB - Bullet	2.700%	1826	04/11/18	04/11/23	1,000,000.00	1,000,000.00		6,750.00	6,750.00
FFCB - Bullet	2.370%	1791	03/12/19	02/05/24	992,950.00	1,000,000.00		5,925.00	5,925.00
FFCB - Bullet	2.160%	1802	06/28/19	06/03/24	1,013,820.00	1,000,000.00		5,400.00	5,400.00
FFCB - Callable	1.400%	1461	04/13/16	04/13/20	1,000,000.00	1,000,000.00		3,500.01	3,500.01
FFCB - Callable	2.550%	165	05/03/19	10/15/19	1,000,000.00	1,000,000.00	991.67		991.67
FFCB - Callable	2.470%	102	07/01/19	10/11/19	1,000,000.00	1,000,000.00	686.12		686.12
FFCB - Callable	2.000%	1827	09/03/19	09/03/24	1,000,000.00	1,000,000.00		5,000.01	5,000.01
FFCB - Callable	1.650%	1827	09/09/19	09/09/24	1,000,000.00	1,000,000.00		4,125.00	4,125.00
FFCB - Callable	1.700%	724	12/09/19	12/02/21	1,000,000.00	1,000,000.00		1,038.89	1,038.89
FHLB - Bullet	3.250%	1565	02/25/19	06/09/23	1,028,810.00	1,000,000.00		8,124.99	8,124.99
FHLB - Bullet	3.375%	1625	03/28/19	09/08/23	1,048,330.00	1,000,000.00		8,437.50	8,437.50
FHLB - Callable	1.5%-Up	1278	06/30/16	12/30/19	1,000,000.00	1,000,000.00	3,750.00		3,750.00
FHLB - Callable	1.5%-Up	1826	11/17/16	11/17/21	1,000,000.00	1,000,000.00		3,750.00	3,750.00
FHLB - Callable	1.6%-Up	1095	12/09/16	12/09/19	1,000,000.00	1,000,000.00	3,022.33		3,022.33
FHLB - Callable	2.000%	1826	08/10/17	08/10/22	1,000,000.00	1,000,000.00		5,000.01	5,000.01
FHLB - Callable	2.650%	1826	02/28/18	02/28/23	1,000,000.00	1,000,000.00		6,624.99	6,624.99
FHLB - Callable	2.800%	1826	02/26/19	02/26/24	1,000,000.00	1,000,000.00		7,000.00	7,000.00
FHLB - Callable	2.000%	1827	10/02/19	10/02/24	1,000,000.00	1,000,000.00		4,944.45	4,944.45
FHLB - Callable	1.820%	1096	12/23/19	12/23/22	1,000,000.00	1,000,000.00		404.44	404.44
FHLMC - Callable	2%-Up	1278	06/16/16	12/16/19	1,000,000.00	1,000,000.00	4,166.66		4,166.66
FHLMC - Callable	1.400%	1278	06/27/16	12/27/19	1,000,000.00	1,000,000.00	3,344.39		3,344.39
FHLMC - Callable	1.5%-Up	1825	11/22/16	11/21/21	1,000,000.00	1,000,000.00		3,750.00	3,750.00
FHLMC - Callable	2.000%	1822	01/30/17	01/26/22	997,850.00	1,000,000.00		5,000.01	5,000.01
FHLMC - Callable	1.610%	1005	03/27/17	12/27/19	1,000,000.00	1,000,000.00	3,846.01		3,846.01

**LAS VIRGENES MUNICIPAL WATER DISTRICT
INVESTMENTS - 4TH QUARTER ENDED DECEMBER 31, 2019**

Investment Type	Interest Rate	No. of Days	Purchase Date	Maturity Date	Book Value	Par Value	Quarterly Interest Earned	Quarterly Interest Accrued	Quarterly Total Interest
FHLMC - Callable	2.125%	872	08/09/17	12/29/19	1,000,050.00	1,000,000.00	5,262.51		5,262.51
FHLMC - Callable	2.250%	1778	08/16/17	06/29/22	1,000,300.00	1,000,000.00		5,625.00	5,625.00
FHLMC - Callable	2.300%	730	12/27/17	12/27/19	1,000,000.00	1,000,000.00	5,494.37		5,494.37
FHLMC - Callable	2.650%	183	06/04/19	12/04/19	1,000,000.00	1,000,000.00	4,637.51		4,637.51
FHLMC - Callable	1.850%	1461	12/18/19	12/18/23	1,000,000.00	1,000,000.00		668.06	668.06
FHLMC - Callable	1.850%	1459	12/30/19	12/28/23	1,000,000.00	1,000,000.00		51.39	51.39
FNMA - Callable	1.600%	1827	05/19/15	05/19/20	1,000,000.00	1,000,000.00		3,999.99	3,999.99
FNMA - Callable	1.300%	1461	02/24/16	02/24/20	1,000,000.00	1,000,000.00		3,249.99	3,249.99
FNMA - Callable	1.580%	1400	08/15/16	06/15/20	1,002,920.00	1,000,000.00		3,950.01	3,950.01
FNMA - Callable	1.400%	1461	08/24/16	08/24/20	1,000,000.00	1,000,000.00		3,500.01	3,500.01
FNMA - Callable	1.480%	1552	09/29/16	12/29/20	1,000,000.00	1,000,000.00		3,699.99	3,699.99
CTS-Muni Bond	2.250%	1658	02/17/16	09/01/20	1,119,648.45	1,095,000.00		6,159.39	6,159.39
NEWSCD-Muni Bond	2.427%	1598	03/17/16	08/01/20	934,688.30	910,000.00		5,521.71	5,521.71
CAS-Muni Bond	1.500%	1799	04/28/16	04/01/21	1,000,000.00	1,000,000.00		3,750.00	3,750.00
SCVVTR-Muni Bond	2.387%	1806	06/21/16	06/01/21	1,047,370.00	1,000,000.00		5,967.45	5,967.45
MOUSCD-Muni Bond	1.960%	1844	07/14/16	08/01/21	600,000.00	600,000.00		2,940.00	2,940.00
CASPWR-Muni Bond	1.712%	1461	05/01/17	05/01/21	944,683.81	944,683.81		4,045.62	4,045.62
MDS-Muni Bond	1.800%	1089	03/22/17	03/15/20	1,000,000.00	1,000,000.00		4,500.00	4,500.00
SFOFAC-Muni Bond	2.500%	1757	11/09/17	09/01/22	497,650.00	500,000.00		3,125.01	3,125.01
NYSDEV-Muni Bond	2.550%	1545	12/21/17	03/15/22	1,000,000.00	1,000,000.00		6,375.00	6,375.00
UNVHGR-Muni Bond	3.297%	1805	06/05/18	05/15/23	930,000.00	930,000.00		7,665.54	7,665.54
CASPWR-Muni Bond	2.000%	1315	09/24/18	05/01/22	963,980.00	1,000,000.00		5,000.01	5,000.01
CAS-Muni Bond	2.250%	1796	10/31/18	10/01/23	961,850.00	1,000,000.00		5,625.00	5,625.00
CAS-Muni Bond	3.000%	1797	05/01/19	04/01/24	1,025,230.00	1,000,000.00		7,500.00	7,500.00
MDS-Muni Bond	1.590%	1069	08/28/19	08/01/22	1,000,000.00	1,000,000.00		3,975.00	3,975.00
UNIGEN-Muni Bond	2.147%	1738	08/29/19	06/01/24	1,000,000.00	1,000,000.00		5,367.50	5,367.50
SGTUTL-Muni Bond	2.224%	1749	12/18/19	10/01/24	500,000.00	500,000.00		401.56	401.56
CAP ONE BK-CD	1.550%	1826	08/10/16	08/10/21	245,000.00	245,000.00		949.38	949.38
JPM CHASE BK-CD	1.450%	1461	09/16/16	09/16/20	245,000.00	245,000.00		849.72	849.72
Goldman Sachs BK-CD	2.350%	1826	06/21/17	06/21/22	245,000.00	245,000.00		1,439.37	1,439.37

**LAS VIRGENES MUNICIPAL WATER DISTRICT
INVESTMENTS - 4TH QUARTER ENDED DECEMBER 31, 2019**

Investment Type	Interest Rate	No. of Days	Purchase Date	Maturity Date	Book Value	Par Value	Quarterly			Quarterly Total Interest
							Interest Earned	Interest Accrued	Interest	
Sallie Mae BK -CD	2.350%	1826	06/21/17	06/21/22	245,000.00	245,000.00	1,439.37	1,439.37	1,439.37	1,439.37
AmericanExpress-CD	2.400%	1826	08/29/17	08/29/22	245,000.00	245,000.00	1,470.00	1,470.00	1,470.00	1,470.00
CAP ONE NA-CD	2.400%	1826	08/30/17	08/30/22	245,000.00	245,000.00	1,470.00	1,470.00	1,470.00	1,470.00
Discovery BK-CD	1.700%	730	10/04/17	10/04/19	245,000.00	245,000.00	34.78		34.78	34.78
BMW BK- CD	2.050%	1097	11/29/17	11/30/20	245,000.00	245,000.00		1,255.62	1,255.62	1,255.62
Wells Fargo BK-CD	2.500%	1826	12/08/17	12/08/22	245,000.00	245,000.00		1,531.26	1,531.26	1,531.26
Merrick Bank-CD	2.200%	1098	01/09/18	01/11/21	245,000.00	245,000.00		1,347.51	1,347.51	1,347.51
Morgan Stanly BK-CD	2.650%	1826	01/11/18	01/11/23	245,000.00	245,000.00		1,623.12	1,623.12	1,623.12
CitiBank-CD	3.150%	1826	05/11/18	05/11/23	245,000.00	245,000.00		1,929.39	1,929.39	1,929.39
Morgan Stanly PVT-CD	3.350%	1826	01/10/19	01/10/24	245,000.00	245,000.00		2,051.88	2,051.88	2,051.88
1st MO Bank-CD	2.850%	1643	02/13/19	08/14/23	245,000.00	245,000.00		1,745.64	1,745.64	1,745.64
TIAA FSB - CD	3.000%	1826	02/22/19	02/22/24	245,000.00	245,000.00		1,837.50	1,837.50	1,837.50
Comenity Bank - CD	2.750%	1827	04/30/19	04/30/24	245,000.00	245,000.00		1,695.15	1,695.15	1,695.15
1st Choice Bank - CD	2.400%	551	05/22/19	11/23/20	245,000.00	245,000.00		1,470.00	1,470.00	1,470.00
Bk New Eng Salem-CD	2.650%	1827	05/23/19	05/23/24	245,000.00	245,000.00		1,623.12	1,623.12	1,623.12
St Bank of India - CD	2.850%	1827	06/19/19	06/19/24	245,000.00	245,000.00		1,745.64	1,745.64	1,745.64
Enerbank USA - CD	2.150%	1827	08/07/19	08/07/24	245,000.00	245,000.00		1,316.88	1,316.88	1,316.88
1st Farmers B&T - CD	1.750%	1827	09/04/19	09/04/24	245,000.00	245,000.00		1,071.87	1,071.87	1,071.87
Medallion Bank - CD	1.700%	1460	12/23/19	12/22/23	245,000.00	245,000.00		92.56	92.56	92.56
Reserve Fund-LAIF & Other					3,651.91			9,024.40		9,024.40
LAIF - All Other (3-month Average Balances)					34,741,370.08			190,403.75		190,403.75
Union Bank-lackrock Liquidity FD T Fund (3-month Average)					404,793.90			563.62		563.62
Bank of New York Mellon/Wells Fargo Sweep Accounts (3-month Average Bal.)					2,538,555.46			15,190.32		15,190.32
Total								<u>243,282.49</u>		<u>493,700.93</u>

Definitions

- Disc./Cpn Rate – The yield paid by a fixed income security.
- Yield to Call (YTC) – The rate of return of a security held to call when interest payments, market value and par value are considered.
- Yield to Maturity (YTM) – The rate of return of a security held to maturity when interest payments, market value and par value are considered.
- Bullet – A fixed income security that cannot be redeemed by the issuer until the maturity date.
- Callable – A fixed income security that can be redeemed by the issuer before the maturity date.
- Book Value – The price paid for the security.
- Par Value – The face value of a security.
- Market Value – The current price of a security.
- Sinking Bond – In the case of the CASPWR Bond held by the District, a sinking bond pays a portion of principal on a defined schedule throughout the life of the bond.
- Custodian – The financial institution that holds securities for an investor.

Investment Abbreviations

- FHLB – Federal Home Loan Bank
- FHLMC – Federal Home Loan Mortgage Corporation (Freddie Mac)
- FNMA – Federal National Mortgage Association (Fannie Mae)
- FFCB – Federal Farm Credit Bank
- FAMCA – Federal Agricultural Mortgage Corporation (Farmer Mac)
- Bonds
 - CAS – State of California
 - CASHGR – California State University
 - CASPWR – State of California Department of Water Resources
 - CTS – State of Connecticut
 - HESDEV – Successor Agency to the Hesperia Redevelopment Agency
 - MDS – State of Maryland
 - MOUSCD – Mountain View Unified School District
 - NEWSCD – Newark, CA Unified School District
 - NYSDEV – New York State Urban Development Revenue Bond
 - SCVWTR – Santa Clara Valley Water District
 - SFOFAC – City and County of San Francisco Community Facilities District
 - SGTUTL – South Gate Utility District
 - SRVSCD – San Ramon, CA Unified School District
 - UNVHGR – University of California

LVMWD CASH ANALYSIS - December 31, 2019

	Restricted Cash	Cash Held by Policy	Policy Requirement	Available Funds
101 - Potable Water Operations		10,954,588	9,997,207	
201 - Potable Water Construction	(4,180,878)	12,705,746	11,157,814	
301 - Potable Water Replacement		8,000,000	8,000,000	
603 - Rate Stabilization Fund		31,660,334	29,155,021	(1,675,565)
Total Potable Water				
102 - Recycled Water Operations		9,783,984	1,100,143	
203 - Recycled Water Construction	(103,468)	7,517,701	2,483,887	
302 - Recycled Water Replacement		17,301,685	3,584,030	13,614,187
Total Recycled Water				
130 - Sanitation Operations		13,168,368	3,291,214	
230 - Sanitation Construction	707,699	10,147,112	10,285,867	
330 - Sanitation Replacement		23,315,479	13,577,081	10,446,098
Total Sanitation				
606 & 607 - Refunding Revenue Bonds - Reserve Fund	9,683			
701 - Vested Sick Leave Reserve	1,433,669			
720 - Insurance Reserve	7,062,446	7,901,571	7,871,864	29,707
JPA				
Prepaid Connection Fees & Undistributed Interest	5,013,002			
<i>Subtotal</i>	9,942,153	80,179,069		
TOTAL		90,121,222		

Financial Policy - Cash required to comply with District's adopted Financial Policy.

Restricted Cash - Revenue restricted to a particular purpose.

Bond Covenants - Money relating to bond financing that is restricted in use and required by promises made in bond documents.

Funds are reconciled at year-end.



February 4, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject : Financial Review: Second Quarter of Fiscal Year 2019-20

SUMMARY:

Staff will present the second quarter financial review for Fiscal Year 2019-20.

RECOMMENDATION(S):

Receive and file the financial review for the second quarter of Fiscal Year 2019-20.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

DISCUSSION:

The second quarter financial review presents data as of December 31, 2019. It is important to note that due to the timing of various projects and payments, the report should primarily be used to identify areas where attention should be focused in response to emerging trends that may affect the District's financial position at year end.

Operating revenues for the second quarter of Fiscal Year 2019-20 were 11.69% lower than budget and 2.45% lower than Fiscal Year 2018-19. Operating expenses were 11.04% lower than budget and 4.0% lower than the prior year. Operating revenues were lower than budget due to decreased potable water sales. Operating expenses decreased as compared to budget primarily due to decreased energy, chemical and maintenance labor hours associated with decreased water sales.

Attachment A provides a table summarizing the Fiscal Year 2019-20 year-to-date financial

results. All data provided in the table is through December 31, 2019.

Attachment B provides a summary of the volume of potable water delivered through the second quarter and a summary of the financial results for each enterprise.

Attachment C provides a status update on the District's capital projects.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Angela Saccareccia, Finance Manager

ATTACHMENTS:

Attachment A

Attachment B

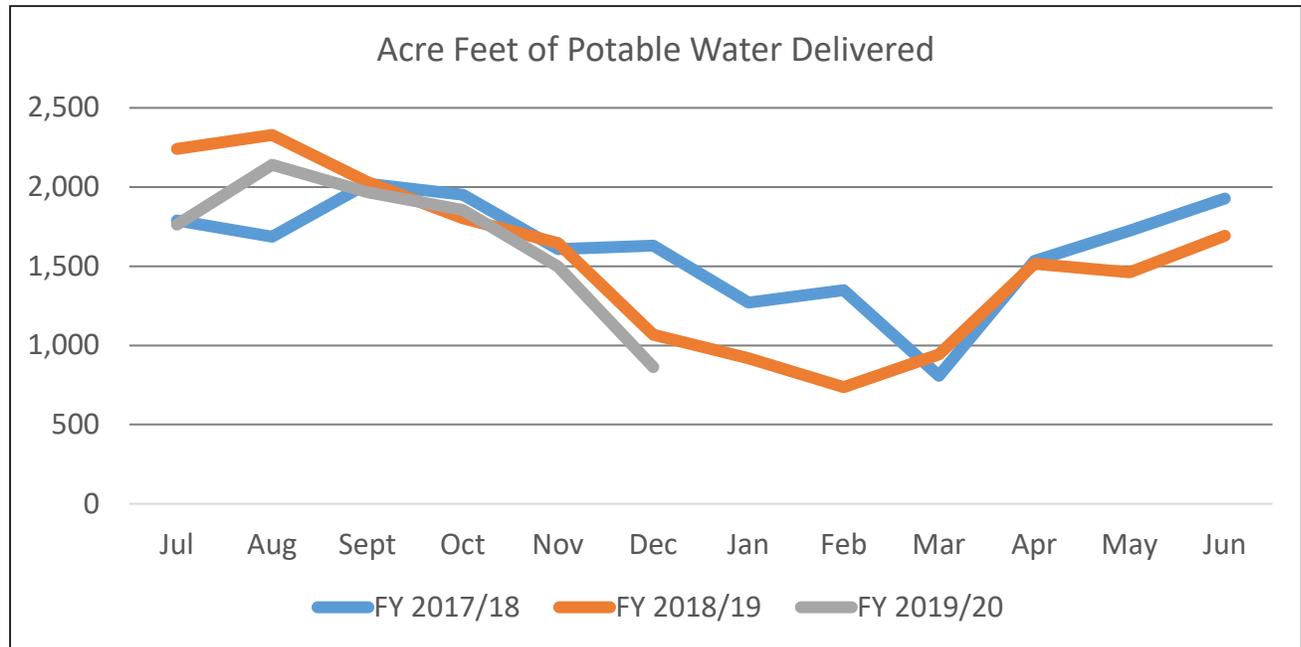
Attachment C

Las Virgenes Municipal Water District
Quarterly Update - December 31, 2019
Fiscal Year 2019/20 Year to Date

	FY 2018/19 YTD Actual	FY 2019/20 YTD Budget	FY 2019/20 YTD Actual
<u>All Enterprises</u>			
Total Operating Revenues	\$36,937,933	\$40,763,442	\$35,996,949
Expenses:			
Source of Supply	\$15,654,606	\$15,912,039	\$14,111,118
Purchased Services	\$5,356,359	\$5,306,926	\$4,980,930
O&M Expenses	\$2,534,941	\$2,441,389	\$2,345,373
Administrative	\$4,120,569	\$5,683,505	\$5,034,719
Other	\$344,508	\$884,202	\$419,145
Total Operating Expenses	\$28,010,983	\$30,228,061	\$26,891,285
Income available for Replacement & Debt Service	<u>\$8,926,950</u>	<u>\$10,535,381</u>	<u>\$9,105,664</u>
<u>Potable Water Operations</u>			
Total Operating Revenues	\$24,071,340	\$27,586,349	\$23,039,547
Expenses:			
Source of Supply	\$13,286,343	\$14,005,116	\$12,382,400
O&M Expenses	\$2,376,771	\$2,230,343	\$2,170,200
Administrative	\$3,404,434	\$4,399,364	\$3,691,206
Other	\$344,163	\$864,108	\$403,680
Total Operating Expenses	\$19,411,711	\$21,498,931	\$18,647,486
Income available for Replacement & Debt Service	<u>\$4,659,629</u>	<u>\$6,087,418</u>	<u>\$4,392,061</u>
<u>Recycled Water Operations</u>			
Total Operating Revenues	\$3,387,024	\$3,788,593	\$3,351,870
Expenses:			
Source of Supply	\$2,368,263	\$1,906,923	\$1,728,718
O&M Expenses	\$62,419	\$78,899	\$72,583
Administrative	\$324,011	\$411,504	\$334,977
Other	\$345	\$20,094	\$15,465
Total Operating Expenses	\$2,755,038	\$2,417,420	\$2,151,743
Income available for Replacement & Debt Service	<u>\$631,986</u>	<u>\$1,371,173</u>	<u>\$1,200,127</u>
<u>Sanitation Operations</u>			
Total Operating Revenues	\$9,479,569	\$9,388,500	\$9,605,532
Expenses:			
Purchased Services	\$5,356,359	\$5,306,926	\$4,980,930
O&M Expenses	\$95,751	\$132,147	\$102,590
Administrative	\$392,124	\$872,637	\$1,008,536
Other	\$0	\$3,192	\$0
Total Operating Expenses	\$5,844,234	\$6,314,902	\$6,092,056
Income available for Replacement & Debt Service	<u>\$3,635,335</u>	<u>\$3,073,598</u>	<u>\$3,513,476</u>

ATTACHMENT B

During the second quarter of FY 2019-20, acre-feet of potable water delivered decreased 9.25% over the second quarter of FY 2018-19 and decreased 5.60% over the second quarter of FY 2017-18.



Potable Water Enterprise

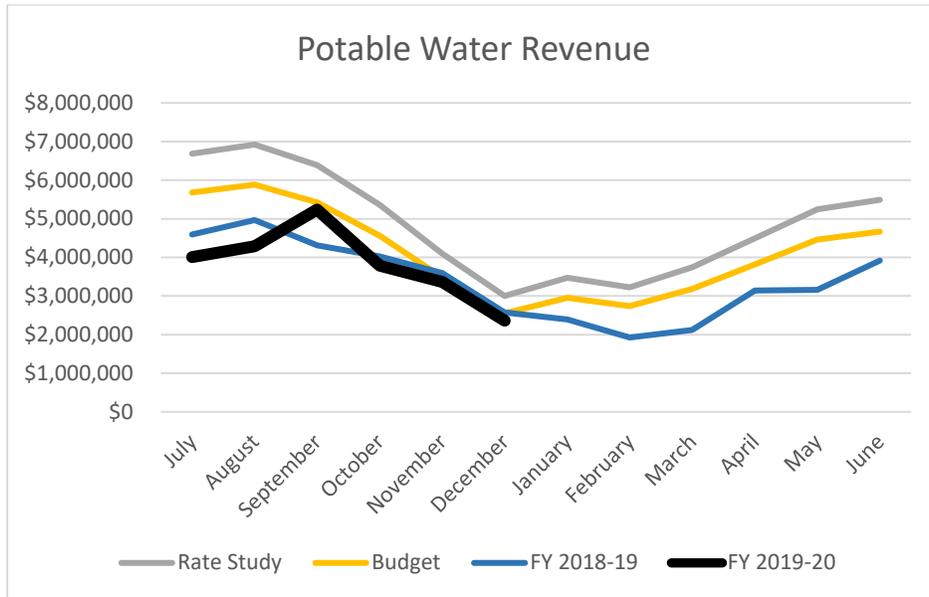
Revenues for potable water were 16.48% below budget and 4.29% below the prior fiscal year. The change in revenue is attributed to the change in usage shown on the chart above. Expenses for potable water operations are 13.26% lower than budget and 3.94% lower than FY 2018-19.

	FY 2018/19 YTD Actual	FY 2019/20 YTD Budget	FY 2019/20 YTD Actual
Total Operating Revenues	\$24,071,340	\$27,586,349	\$23,039,547
Expenses:			
Source of Supply	\$13,286,343	\$14,005,116	\$12,382,400
O&M Expenses	\$2,376,771	\$2,230,343	\$2,170,200
Administrative	\$3,404,434	\$4,399,364	\$3,691,206
Other	\$344,163	\$864,108	\$403,680
Total Operating Expenses	\$19,411,711	\$21,498,931	\$18,647,486
Income available for Replacement & Debt Service	<u>\$4,659,629</u>	<u>\$6,087,418</u>	<u>\$4,392,061</u>

Equally important to comparing the current fiscal year's revenue and expenses to prior year and budget is to compare it to the estimates projected during the rate study that was completed in 2015.

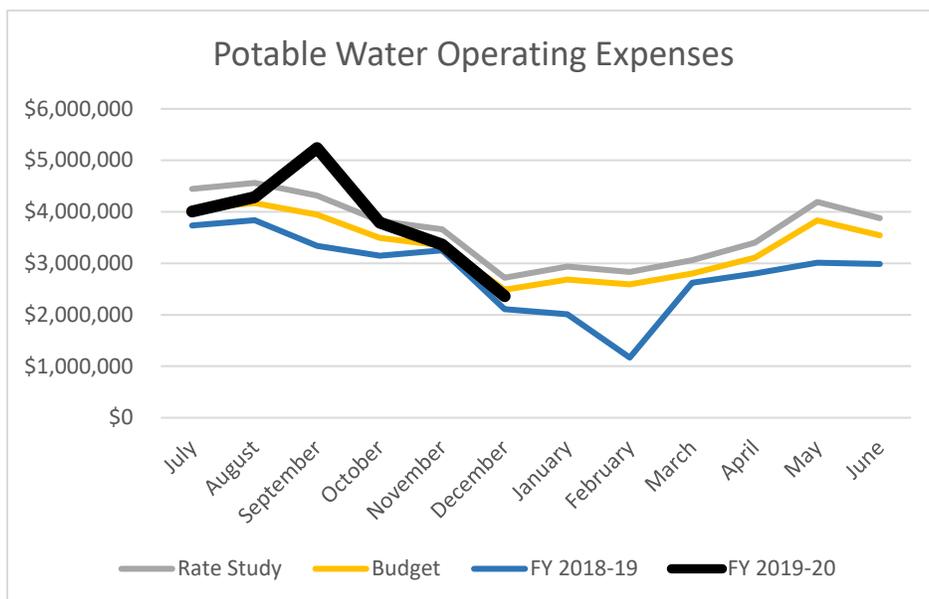
Potable Water Revenue

FY 2019-20 Revenue:	\$23,039,548
Rate Study Projected Revenue:	\$32,454,788
Budget:	\$27,586,349

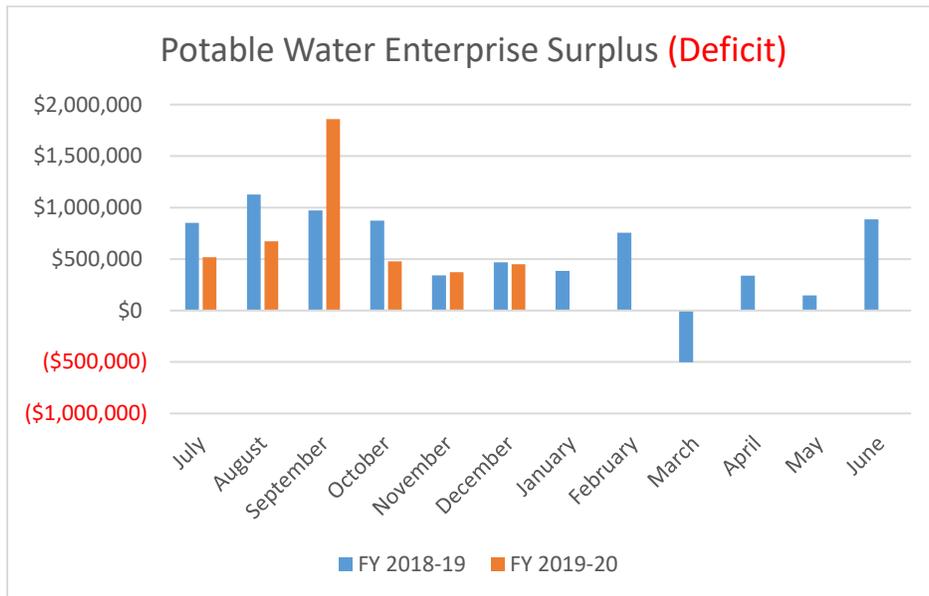
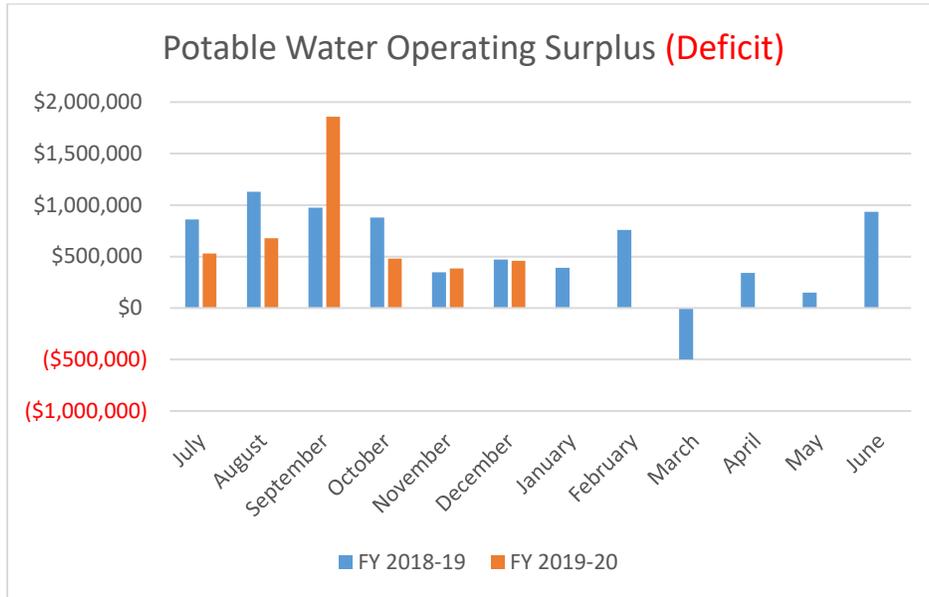


Potable Water Operating Expenses

FY 2019-20 Operating Expenses:	\$18,647,486
Rate Study Projected Expenses:	\$23,517,706
Budget:	\$21,498,931



It is also important to measure whether the enterprise as a whole has sufficient revenue to cover both operating cost and the portion of capital expenditures that are dependent on rate revenue. The charts below show the potable water operating and the enterprise's surplus or (deficit) for each month of FY 2019-20 and FY 2018-19. The potable water enterprise had a fiscal year-to-date operating surplus of \$4.39 million and an enterprise surplus of \$6.65 million during the second quarter of the fiscal year. The District depends on operating surplus to fund capital projects and to rebuild the shortfall in policy-required reserves.



Recycled Water Enterprise

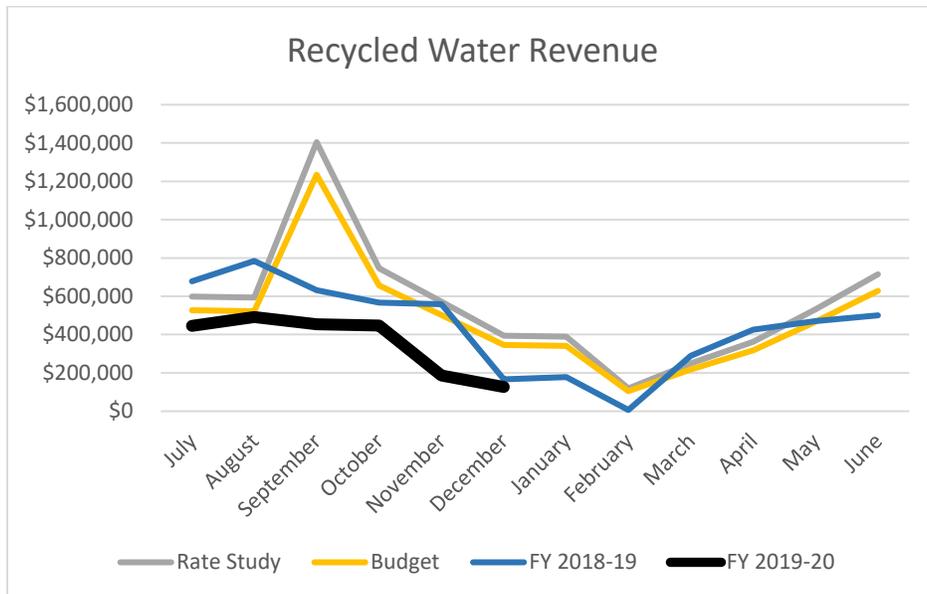
Revenues for recycled water were 11.53% below budget and 1.04% below the prior fiscal year. The decrease in revenue is attributed to continued decrease in recycled water usage due to the weather and conservation efforts. Expenses for recycled water were 10.99% below budget and 21.9% below prior year expenditures primarily due to decreased recycled water sales.

The charts below compare the current fiscal year’s revenue and expenses to the current year budget and estimates projected during the rate study that was completed in 2015.

	FY 2018/19 YTD Actual	FY 2019/20 YTD Budget	FY 2019/20 YTD Actual
Total Operating Revenues	\$3,387,024	\$3,788,593	\$3,351,870
Expenses:			
Source of Supply	\$2,368,263	\$1,906,923	\$1,728,718
O&M Expenses	\$62,419	\$78,899	\$72,583
Administrative	\$324,011	\$411,504	\$334,977
Other	\$345	\$20,094	\$15,465
Total Operating Expenses	\$2,755,038	\$2,417,420	\$2,151,743
Income available for Replacement & Debt Service	<u>\$631,986</u>	<u>\$1,371,173</u>	<u>\$1,200,127</u>

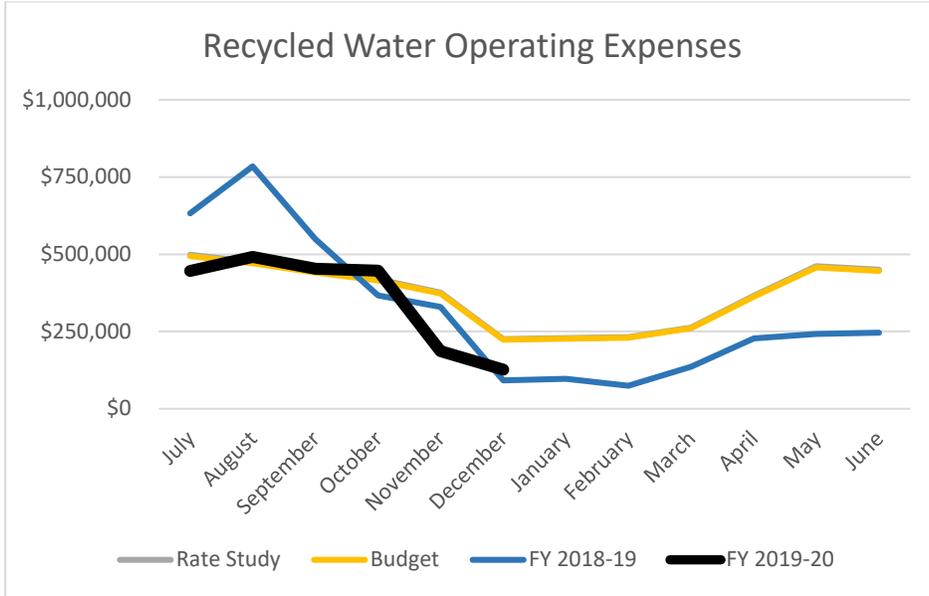
Recycled Water Revenue

FY 2019-20 Revenue:	\$3,387,024
Rate Study Projected Revenue:	\$4,310,173
Budget:	\$3,788,593

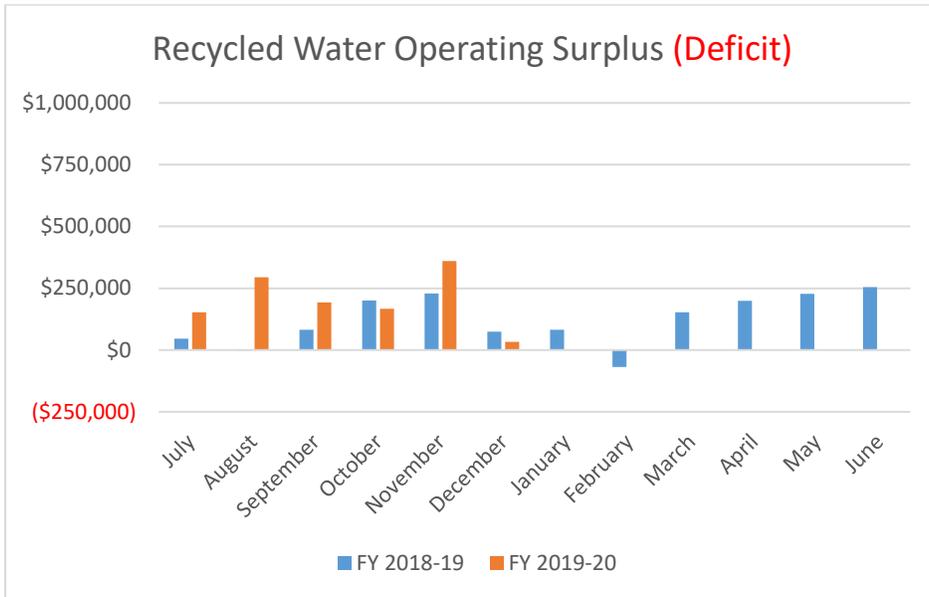


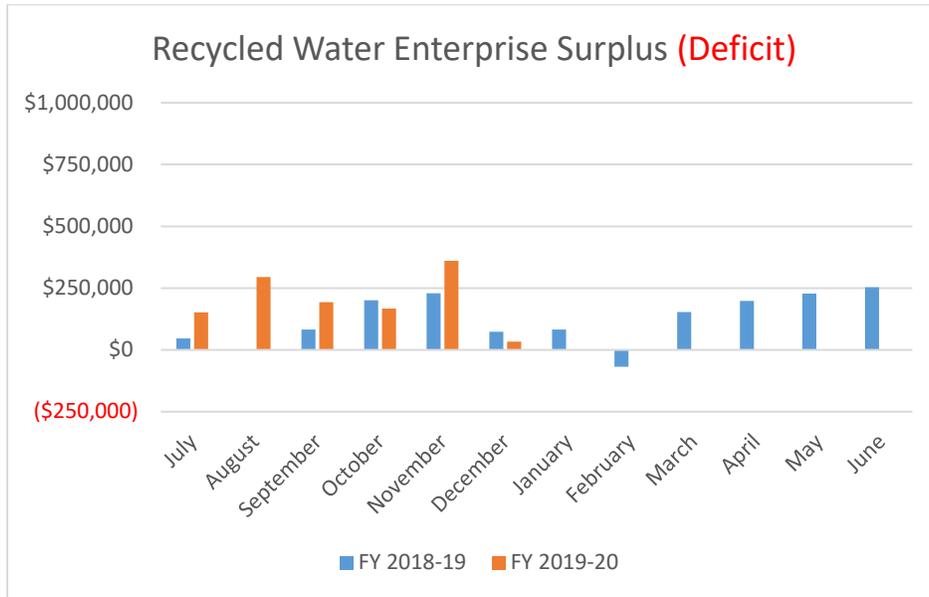
Recycled Water Operating Expenses

FY 2019-20 Operating Expenses:	\$2,755,038
Rate Study Projected Expenses:	\$2,440,267
Budget:	\$2,417,420



The charts below show the recycled water operating and the enterprise’s surplus or (deficit) for each month of FY 2019-20 and FY 2018-19. Recycled water has a fiscal year-to-date operating surplus of \$1.2 million and an enterprise surplus of \$1.2 million.





Sanitation Enterprise

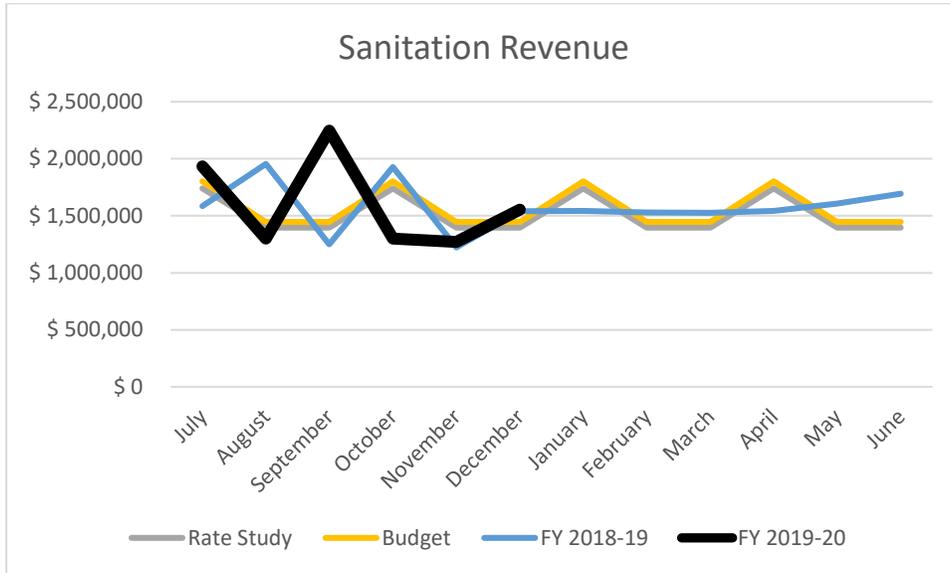
Revenues for sanitation were 2.31% above budget and 1.33% above the prior fiscal year. The increase in revenues is attributed to the rate adjustment that was implemented in January 2016. Expenses for sanitation were 3.53% below budget and 4.24% above prior year expenditures.

	FY 2018/19 YTD Actual	FY 2019/20 YTD Budget	FY 2019/20 YTD Actual
Total Operating Revenues	\$9,479,569	\$9,388,500	\$9,605,532
Expenses:			
Purchased Services	\$5,356,359	\$5,306,926	\$4,980,930
O&M Expenses	\$95,751	\$132,147	\$102,590
Administrative	\$392,124	\$872,637	\$1,008,536
Other	\$0	\$3,192	\$0
Total Operating Expenses	\$5,844,234	\$6,314,902	\$6,092,056
Income available for Replacement & Debt Service	<u>\$3,635,335</u>	<u>\$3,073,598</u>	<u>\$3,513,476</u>

The charts below compare the current fiscal year's revenue and expenses to the current year budget and estimates projected during the rate study that was completed in 2015. The zig zag pattern in revenue is a reflection of the District's 30 day billing cycle contrasted to actual months.

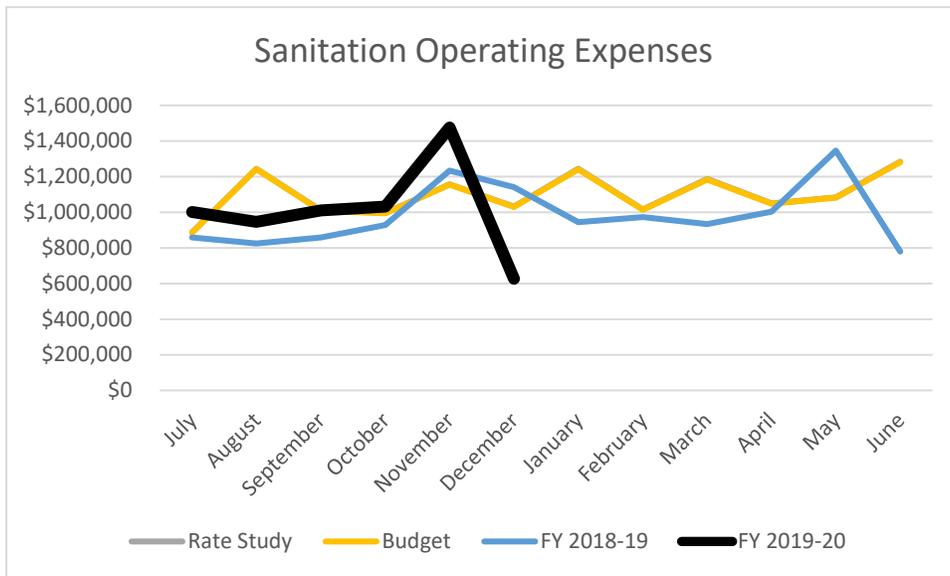
Sanitation Revenue

FY 2019-20 Revenue:	\$9,605,533
Rate Study Projected Revenue:	\$9,066,391
Budget:	\$9,388,500

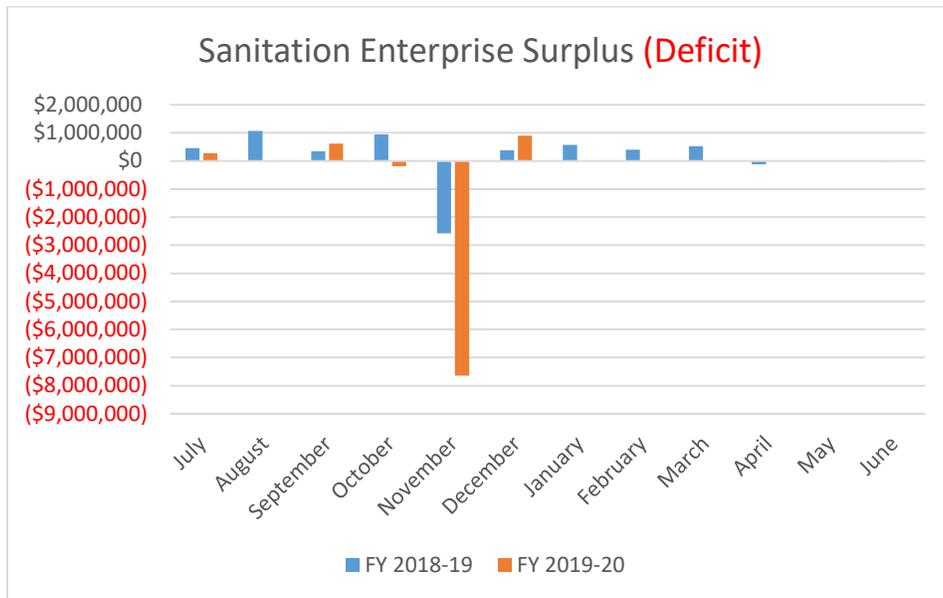
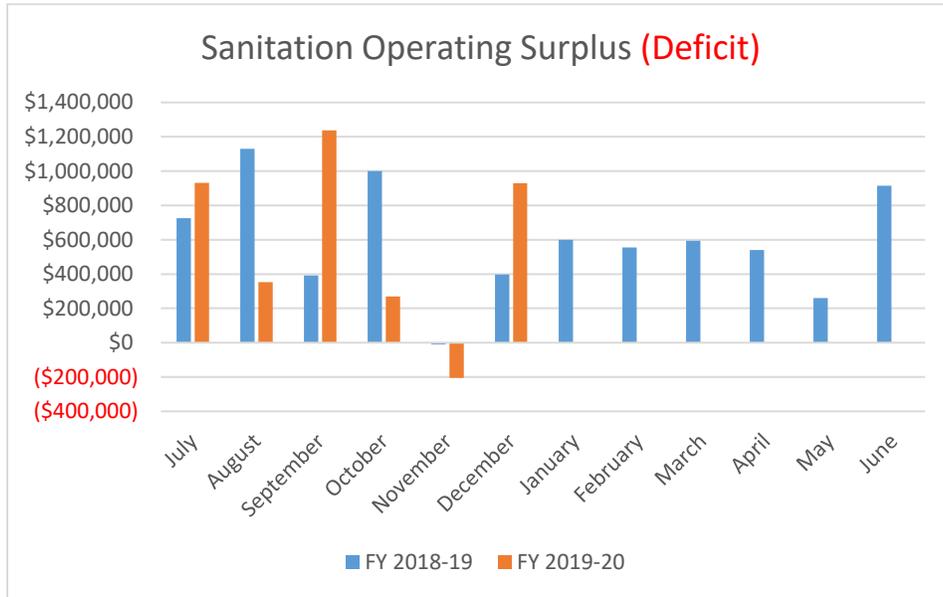


Sanitation Operating Expenses

FY 2019-20 Operating Expenses:	\$6,092,056
Rate Study Projected Expenses:	\$6,327,473
Budget:	\$6,314,902

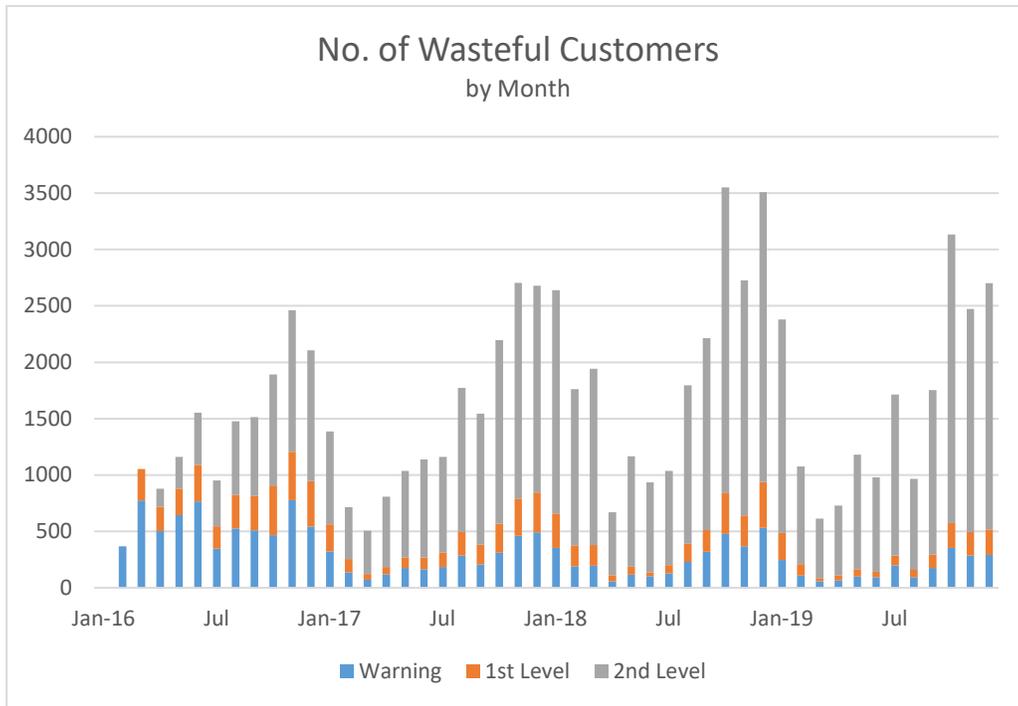


The chart below shows the Sanitation Enterprise operating surplus or (deficit) for each month of FY 2019-20 and FY 2018-19. Sanitation has a fiscal year-to-date operating surplus of \$2.7 million and an enterprise deficit of \$6.0 million.



Penalties

Effective January 1, 2016, the District implemented a penalty structure to fine customers for wasteful use of water. Wasteful use was defined as using more than 200% of the assigned water budget. In the current Fiscal Year, the District has accrued \$1.05 million in penalties.



**Las Virgenes Municipal Water District
Capital Improvement Project Status
December 31, 2019**

Job # - Description

	<i>Total Project Appropriations</i>	<i>Prior Year Expenditures</i>	<i>Current Year Expenditures</i>	<i>Total Project Expenditures</i>	<i>Balance Available</i>
Completed Projects					
10626 - Process Air Improvements	\$5,829,710	\$2,240,138	\$3,573,980	\$5,814,118	\$15,592
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.					
Additional appropriation \$100,000 approved by JPA Board 7/1/19, Item 6A					
Final Acceptance approved by JPA Board 12/09/2019, Item 4C					
Total Completed Projects	\$5,829,710	\$2,240,138	\$3,573,980	\$5,814,118	\$15,592
Projects to complete by June 30, 2020					
10608 - Rancho Amndmnt Bin&Convync Mod	\$2,070,518	\$1,738,370	\$176,109	\$1,914,479	\$156,039
The project consists of installing a new smaller amendment bin and modification to the conveyor system to simplify the amendment conveyance process.					
10638 - Demonstration Project	\$4,579,394	\$837,342	\$1,257,665	\$2,095,007	\$2,484,387
sub project of 10635 Pure Water Project					
Additional appropriation \$185,934 approved by JPA Board 7/1/19, Item 6A.					
Additional appropriation \$802,262 approved by JPA Board 10/7/19, Item 6A.					
10642 - Wstlk P/S & FiltrPlnt Landscape	\$42,900	\$7,754	\$10,095	\$17,849	\$25,051
Relandscape areas near the Westlake Pump station and around Westlake filtration plant					
10659 - Vehicle Replacement FY 18-19	\$175,000	\$0	\$171,387	\$171,387	\$3,613
Annual fleet vehicle replacements.					
10667 - Tapia Headworks White Room	\$421,938	\$52,373	\$37,974	\$90,347	\$331,591
Modification or replacement is needed for the floor plates and steel framing floor plate supports in the white room located at Tapia's headworks building.					
Additional appropriation \$9,498 approved by JPA Board 12/9/19, Item 6B					
10676 - Mobile Emrgncy Gnrtr Purch	\$300,000	\$279,895	\$0	\$279,895	\$20,105
Purchase two (2) 225kW mobile generators that can be used alone or in parallel.					
10695 - Rancho Reliability Imprv 19-20	\$100,000	\$0	\$26,697	\$26,697	\$73,303
Replace or rehabilitate facilities and equipment at the Rancho facility based on failure, exceedence of useful life, or obsolescence.					
10696 - TWRF Reliability Imprv. FY 19-2	\$100,000	\$0	\$8,975	\$8,975	\$91,025
Replace or rehabilitate facilities and equipment at the Tapia facility based on failure, exceedence of useful life, or obsolescence.					

Job # - Description

Projects to complete by June 30, 2020

Job # - Description	Total Project Appropriations	Prior Year Expenditures	Current Year Expenditures	Total Project Expenditures	Balance Available
10697 - Vehicle Replacement FY 19-20 Annual fleet vehicle replacements.	\$175,000	\$0	\$0	\$0	\$175,000
10698 - IT Capital Purchases FY 19-20 Purchase of Information Technology related software and equipment.	\$75,000	\$0	\$0	\$0	\$75,000
10708 - PW Main Rpl-Jim Bridger Rd. Emergency replacement of the 6-inch asbestos cement water main on Jim Bridger Road. Appropriation of \$50,000 approved 9/3/19, Item 7A Additional appropriation of \$100,000 approved 9/17/19, Item 8A Additional appropriation of \$230,759 approved 9/26/19, Item 4B	\$380,759	\$0	\$259,424	\$259,424	\$121,335
Total Projects to complete by June 30, 2020	\$8,420,509	\$2,915,734	\$1,948,326	\$4,864,060	\$3,556,449

Multi-Year Projects

10430 - Twin Lakes P/S Pipeline Proj. New pipeline through Chatsworth Park to the Twin Lakes pump station.	\$1,611,458	\$276,696	\$35,108	\$311,804	\$1,299,654
10556 - INTERCONNECTION WITH CMWD Design and construct a potable water interconnection with the Calleguas Municipal Water District. Funding from Prop 84 IRWM 2015	\$5,206,566	\$403,779	\$23,394	\$427,173	\$4,779,393
10629 - Cny Oaks Prk RW Main Extension This extension will serve the City of Westlake Village's Oak Canyon Park and eliminate a long private service line to Yerba Buena School. Funding from Prop 84 IRWM 2015	\$399,780	\$7,451	\$0	\$7,451	\$392,329
10567 - Progmble Logic Contrlr Upgrd Replace obsolete programmable logic controllers and upgrade other electrical equipment at Tapia.	\$1,311,560	\$107,455	\$38,365	\$145,820	\$1,165,740
10593 - CIS Infinity Software Upgrade Purchase and migrate to latest version of District's billing system.	\$150,000	\$117,089	\$3,124	\$120,213	\$29,787
10619 - Summer Season 2013 TMDL Compln Construction of a 1MGD "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.	\$1,449,985	\$178,175	\$151,957	\$330,132	\$1,119,853

<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					
10635 - PURE WATER PROJECT	\$3,456,482	\$148,654	\$8,600	\$157,254	\$3,299,228
This project funds preliminary studies, outreach, CEQA analysis, preliminary design and final design.					
Project 10637 Facility Siting Study was completed in prior year for \$180,777.					
Project 10650 Land Acquisition was completed in prior year for \$2,109,359					
Project 10636 Mixing and Dilution Study was completed in prior year for \$337,500					
10707 - Brine Discharge Mgmt Proj.	\$210,945	\$0	\$26,563	\$26,563	\$184,382
sub-project of 10635 Pure Water Project.					
Regional Brine Management Study and Multi-Agency reimbursement agreement approved by JPA Board 8/5/19, Item 6C					
10655 - Cornell P/S Upgrades	\$281,400	\$63,123	\$54,179	\$117,302	\$164,098
evaluation 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 increases					
10660 - AMR Implementation- FY 18-19	\$585,000	\$83,252	\$41,512	\$124,764	\$460,236
Install Automated Meter Reading/Advanced Metering Infrastructure (AMR/AMI).					
10663 - ERP System	\$1,500,000	\$222,166	\$62,018	\$284,184	\$1,215,816
Replacement of the Enterprise Resources Planning Program. This project will select and implement a new ERP program.					
10664 - IT Capital Purchases FY 18-19	\$75,000	\$12,449	\$0	\$12,449	\$62,551
Purchase of Information Technology related software and equipment.					
10665 - Cordillera Tank Rehab	\$1,201,267	\$39,879	\$21,808	\$61,687	\$1,139,580
Rehabilitation including interior and exterior coating, valve and appurtenance upgrades and replacements, restoration of deteriorated asphalt, and work to ensure up-to-date compliance for safety and water quality equipment.					
10666 - Calabasas Prk RW Main Extensn	\$320,000	\$0	\$0	\$0	\$320,000
Install approximately 1,200 LF of 6-8 inch pipeline to loop the existing recycled water system.					
10668 - RLV Storm Wtr Divsn Strctr Rpl	\$41,767	\$3,746	\$0	\$3,746	\$38,021
Replacement of the two storm water diversion structures at the Rancho Las Virgenes Composting Facility. Increase the size and length of the farm field discharge pipeline.					
10669 - Dev Tour Seating Area @ Tapia	\$25,000	\$14,035	\$0	\$14,035	\$10,965
Develop tour seating area at Tapia adjacent to the control building					
10671 - Saddle Peak Tank Rehab	\$1,028,880	\$52,878	\$30,646	\$83,524	\$945,356
Rehabilitation including interior and exterior coating, valve and appurtenance upgrades and replacements, restoration of deteriorated asphalt, and work to ensure up-to-date compliance for safety and water quality equipment					
10672 - Stainary Emrgncy Gnrtr-PW P/S	\$387,868	\$113,343	\$141,677	\$255,020	\$132,848
This project is to study and design the installation of stationary emergency generators at several critical potable water pump stations including Jed Smith, Cold Canyon and Twin Lakes					



<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					
10674 - PR Station #45(Kimberly) Rehab Install new supply piping, pressure reducing valves (Cla-Vai) and isolation valves with corrosion control coatings applied.	\$287,514	\$15,355	\$0	\$15,355	\$272,159
10675 - PR Station #32(Chimney) Rehab Install new supply piping, pressure reducing valves (Cla-Vai) and isolation valves with corrosion control coatings applied	\$345,337	\$17,639	\$0	\$17,639	\$327,698
10677 - Gntr Connections @PW P/S Replace generator connections at potable water pump stations	\$45,000	\$14,334	\$0	\$14,334	\$30,666
10678 - Deerlake Tnk/TwinLk P/S Imprv To construct additional 600,000 gallons of storage capacity and 620 GPM of pumping capacity in the Twin Lakes subsystem.	\$2,610,970	\$0	\$0	\$0	\$2,610,970
10685 - Deerlake Tnk Construction sub-project of 10678 Deerlake Tnk/TwinLk P/S Imprv	\$0	\$0	\$1,051	\$1,051	(\$1,051)
10686 - TwinLakes P/S Improvement sub-project of 10678 Deerlake Tnk/TwinLk P/S Imprv	\$0	\$0	\$13,441	\$13,441	(\$13,441)
10679 - New Fire Panel @ Building#8 Replace existing fire panel and all attached devices	\$110,000	\$0	\$0	\$0	\$110,000
10680 - RLV Digester Cleaning & Repair Clean out and make all necessary repairs to digesters #2. the scope of repairs is based on the recently completed rehabilitation of digester # 1. Additional appropriation \$714,379 approved by JPA Board 12/9/19, Item 6C	\$2,822,155	\$438,305	\$48,348	\$486,653	\$2,335,502
10683 - Boardroom Audio/Video Upgrd Upgrade the board room audio visual system.	\$60,000	\$2,875	\$9,063	\$11,938	\$48,062
10684 - Upper Oaks P/S Electric Upgrd The Upper Oaks Pump Station capacity was increased to meet high demands in the sub-system. However the increase capacity limits the number of pumps that can be operated due to the increased electrical draw. This project will analyze and increase the ele	\$10,000	\$0	\$0	\$0	\$10,000
10688 - Rancho Solar Gen.-Ph II Rancho Solar Generation Project Phase II: Service Agreement for Wholesale Distribution Service and Rule 21 Generator Interconnection Agreement Reimbursable expense of an interconnection facility.	\$596,555	\$400,986	\$0	\$400,986	\$195,569
10689 - WoolseyFire Rpr - Rancho Woolsey Fire Facility Repair. Appropriation of \$46,955 for engineering design and support services during construction approved by JPA Board 3/28/2019, Item 6E.	\$1,989,455	\$2,943	\$22,681	\$25,624	\$1,963,831
10690 - WoolseyFire Rpr- WFP Woolsey Fire Facility Repair. Appropriation of \$74,425 for engineering design and support services during construction approved by LV Board 3/26/2019, Item 8E.	\$2,016,925	\$0	\$35,584	\$35,584	\$1,981,341



<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					
10691 - WoolseyFire Rpr-LV Facilities Woolsey Fire Facility Repair. Appropriation of \$75,993 for engineering design and support services during construction approved by LV Board 3/26/2019, Item 8B.	\$908,493	\$0	\$28,213	\$28,213	\$880,280
10692 - WoolseyFire Rpr-JPA Facilities Woolsey Fire Facility Repair. Appropriation of \$46,112 for engineering design and support services during construction approved by JPA Board 3/28/2019, Item 6E.	\$878,612	\$0	\$3,897	\$3,897	\$874,715
10693 - Pavement Restoration Rancho Pavement restoration/slurry at Rancho	\$533,320	\$0	\$0	\$0	\$533,320
10694 - Building 8 Office Space Rehab. Replace carpet, paint, and other interior features are showing wear and have reached their useful life.	\$426,100	\$0	\$27,869	\$27,869	\$398,231
10699 - Calabasas Highlands Pipeline Rpr Repair and replace approximately 1,000 feet of asbestos concrete (AC) potable water main located in Calabasas Highlands.	\$102,500	\$0	\$0	\$0	\$102,500
10700 - Troutdale Pipeline-WoolseyFire Water main break/failure due to LA County bridge collapse.	\$330,000	\$0	\$15,037	\$15,037	\$314,963
10702 - Tapia Efflnt P/S Feeder Reloc Remove or abandon in place existing 4160 volt feeders currently suspended from the top slab of the Effluent Pump Station wet well, underneath the existing MCCs.Perform electrical design and replace the overhead 4160 volt feeders.	\$100,000	\$0	\$0	\$0	\$100,000
10704 - Equestrian Tnk Concrct Colm Rpr Rehabilitation of concrete column pedestals in Equestrian tank.	\$61,500	\$0	\$0	\$0	\$61,500
10705 - PR Station #55(Hindu) Rehab Install new piping and isolation valves with corrosion control coatings applied.	\$180,000	\$0	\$0	\$0	\$180,000
10706 - Mobility Review Identify mobility requirements to support secure remote access to District's applications.	\$50,000	\$0	\$0	\$0	\$50,000
10709 - Roadside Drive Bridge Widening Relocation of 10-inch water main along Roadside Drive in the City of Agoura Hills. Appropriation of \$136,448 approved 11/19/19, Item 10B	\$136,448	\$0	\$0	\$0	\$136,448
Total Multi-Year Projects	\$33,843,842	\$2,736,607	\$844,135	\$3,580,742	\$30,263,100
Projects on Hold					
10520 - SCADA System Communicitn 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

<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 on Hold					
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	\$141,496	\$0	\$141,496	\$1,245,736
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.	\$49,340	\$0	\$0	\$0	\$49,340
10661 - A/B Bus Electrical Modificatn Study the feasibility of reconfiguring the Tapia electrical switch gear and then hire electrical team to make the modifications.	\$100,000	\$0	\$0	\$0	\$100,000
10662 - PW Sys PLC Upgrd Phase I Construction cost estimates will be developed following the completion of the feasibility study.	\$143,000	\$0	\$0	\$0	\$143,000
10670 - Centrate 20" Valve Repair Repair buried 20-inch Miiliken valve at the centrate facility.	\$264,000	\$0	\$0	\$0	\$264,000
10701 - Electronic Doc. Mgmt System Implement an Electronic Document Management System.	\$100,000	\$0	\$0	\$0	\$100,000
10703 - Tapia Tertiary Filters Rehab Tertiary Filters concrete rehabilitation.	\$60,000	\$0	\$0	\$0	\$60,000
Total Projects on Hold	\$2,196,672	\$173,943	\$0	\$173,943	\$2,022,729
Totals					
	\$50,290,733	\$8,066,422	\$6,366,441	\$14,432,863	\$35,857,870
Less: Triunfo Sanitation District's share of JPA Projects	\$8,512,930	\$1,835,236	\$1,588,664	\$3,423,900	\$5,089,030
Total Las Virgenes share: All Projects	\$41,777,803	\$6,231,186	\$4,777,777	\$11,008,963	\$30,768,840



February 4, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject : Fiscal Year 2018-19 Popular Annual Financial Report

SUMMARY:

The District has a tradition of ensuring the transparency of its operations and has consistently sought ways to improve the dissemination of information to its customers and stakeholders. The Popular Annual Financial Report (PAFR) provides customers with a high-level narrative and financial information regarding the District's operations during the prior fiscal year.

RECOMMENDATION(S):

Receive and file the Fiscal Year 2018-19 Popular Annual Financial Report.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

DISCUSSION:

The PAFR is promoted by the Government Finance Officers Association (GFOA) as a means to make important financial data currently presented in the Comprehensive Annual Financial Report (CAFR) available to a broader audience. This objective is accomplished by producing a report that includes a narrative of the District's activities during the prior fiscal year with high level financial data to provide the District's customers with an easy-to-understand annual report.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Angela Saccareccia, Finance Manager

ATTACHMENTS:

Fiscal Year 2018-19 PAFR



LOS ANGELES COUNTY, CALIFORNIA

POPULAR ANNUAL FINANCIAL REPORT

fiscal year 2018-2019

A photograph of a water treatment facility at night. In the foreground, there are large white pipes and a brown vertical pipe. In the background, there are several rectangular tanks and a bright fire or explosion in the distance, illuminating the sky with a red and orange glow. Streetlights are visible in the middle ground.

RESILIENCE

FOR THE COMMUNITIES WE SERVE



Charles P. Caspary
Division 1



Linda Lo-Hill
Division 2



Lee Renger
Division 3



Leonard E. Polan
Division 4



Jay Lewitt
Division 5

Founded in 1958, Las Virgenes Municipal Water District (LVMWD) is a special district that provides potable water, wastewater treatment, biosolids composting and recycled water services for a 122-square-mile service area located in Western Los Angeles County. LVMWD is organized under the Municipal Water District Law of 1911 (California Water Code 71000).

What is a “Popular Annual Financial Report”?

This Popular Annual Financial Report (PAFR) represents LVMWD’s ongoing commitment to transparency in its operations and governance. Additional information, including the District’s Annual Budget, Comprehensive Annual Financial Reports (CAFR), planning documents and more can be found at www.lvmwd.com/Financial-Reports. In recent years, the District has been awarded the Certificate of Achievement for Excellence in Financial Reporting by the Government Finance Officers Association (GFOA) of the United States and Canada, for its CAFR and for its FY 2017-18 PAFR.

3 *A Letter from the General Manager*

Resilience is the capacity to recover quickly following disaster.

In November 2018, the resiliency of Las Virgenes Municipal Water District (District) was tested as the Woolsey Fire burned 96,949 acres, destroyed 1,643 structures, and killed three people. At the height of the fire, nearly 300,000 people were evacuated in western Los Angeles County and southeastern Ventura County. Within the District, over 80 square miles were burned, 521 customers had homes damaged or destroyed, and nearly all of the District's 70,000 residential customers were evacuated. The District suffered \$6.5 million in damages to its facilities, including the Rancho Las Virgenes Composting Facility and Westlake Filtration Plant.



Through the dedicated effort of staff, long-term disaster planning, and system design, the District was able to continue to serve water and process wastewater throughout the fire. By the end of Fiscal Year 2018-19, the District was able to recover all operations, with the exception of the Rancho Las Virgenes Composting Facility. The District continues to rebuild and repair fire damage and is continuing to seek recovery of fire-related expenses through its insurance carrier, the State of California Office of Emergency Management (CalOES) and the Federal Emergency Management Agency (FEMA). In addition to the fire damage repair, the District also began work on several resiliency projects including expanding the number of stationary and mobile generators, increasing system redundancy, and improving the District's emergency management systems.

The Woolsey Fire followed a persistent drought that lasted from 2011 through 2014. This five-year period represented the driest in California history and led to the District's effort, through the Las Virgenes – Triunfo Joint Powers Authority, to develop the Pure Water Project Las Virgenes – Triunfo. The project will take recycled water from the Tapia Water Reclamation Facility and treat it to drinking water standards to create a local supply of water, increasing resiliency during droughts and natural disasters. During Fiscal Year 2018-19, the design of the Pure Water Demonstration Project and Garden was nearly completed. The demonstration project, located at the District's headquarters campus, is a small-scale water treatment facility that replicates the full-scale project, while providing training for staff and an educational experience for the public on the process of how recycled is purified to become safe, clean, reliable drinking water.

As we move forward, resilience will be key in a changing environment with more extremes in weather, longer fire seasons, and the constant threat of earthquakes. The Board and staff of Las Virgenes Municipal Water District are dedicated to have a high degree of resilience to continue to provide customers with reliable water and wastewater services into the future.

This report reflects the dedication of the Board and staff to provide high-quality, reliable, and safe water and sanitation services. It also provides a summary of the District's finances. I encourage you to review this document, along with the more detailed information found in the District's Comprehensive Annual Financial Report and Annual Budget, both of which are available at www.lvmwd.com/Financial-Reports.

Sincerely,

A handwritten signature in black ink that reads "David W. Pedersen". The signature is fluid and cursive, written in a professional style.

David W. Pedersen, P.E.
General Manager



We reliably deliver high quality drinking water to over 75,000 residents and businesses throughout western Los Angeles County.



We take all the water that flows from homes and businesses and treat it to a water quality standard suitable for irrigation or discharge to the ocean via Malibu Creek.



Treated wastewater or recycled water is distributed through 68 miles of pipes to 11 parks, 17 schools, 52 common areas for homeowners associations, 3 golf courses, and many street medians and parkways throughout the District.



Treated biosolids, a by-product of the wastewater treatment process, is transformed into EPA Class A compost at the Rancho Las Virgenes Composting Facility. This excellent soil amendment is available free of charge every Saturday.



5

The Las Virgenes–Triunfo Joint Powers Authority (JPA)

The JPA provides sanitation services for about 100,000 customers in western Los Angeles County and eastern Ventura County. Wastewater is treated at the Tapia Water Reclamation Facility, and the biosolids generated during this treatment are processed at the Rancho Las Virgenes Composting Facility. Both facilities are jointly owned and operated by the JPA. This partnership creates an efficient means to serve residents within the Malibu Creek watershed. The sanitation enterprise charges in this report reflect the total cost and revenue to provide these services for LVMWD customers. Financial statements of the JPA can be found at www.lvmwd.com/Financial-Reports.



In 1964, LVMWD Board members approved a Joint Powers Authority agreement with Triunfo Sanitation District (now Triunfo Water and Sanitation District), the signing of which is shown above.

Did You Know?

Wastewater entering the Tapia Water Reclamation Facility is 99% water and only 1% solid and inert material.



About the District



Established

1958

Budget 2018-2019

\$75.7 million

Governance

Five-member board of directors, publicly elected by geographic division

Water served 2018-19

Potable 18,384 acre-feet

Recycled 4,104 acre-feet

Customer Connections

Potable Water

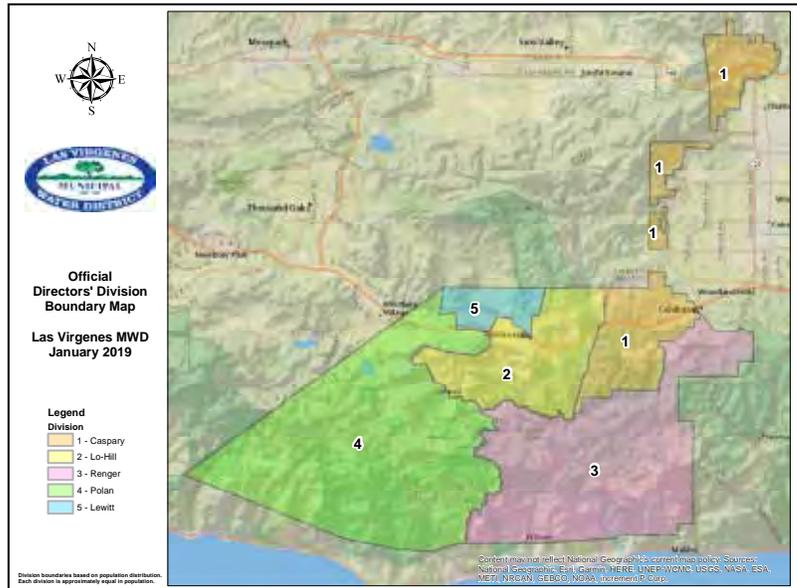
Residential 18,745

Commercial 830

Recycled Water 654

Service area

122 square miles



Population Served

LVMWD serves approximately 72,000 residents in Agoura Hills, Calabasas, Hidden Hills, Westlake Village, and parts of unincorporated Los Angeles County. Triunfo Sanitation District, its Joint Powers Authority partner, provides sanitation services to 30,000 residents in Ventura County.

Annually, LVMWD performs extensive state-mandated testing for water quality contaminants by collecting over 1,200 samples, taken from various locations throughout the drinking water conveyance system, and routinely conducts over 11,000 laboratory analyses on those samples at state-certified water quality labs.

These daily tests are conducted by our highly trained and skilled LVMWD professional staff to ensure that your water is safe to drink. In California, water utilities are required by the State Water Resources Control Board and the Division of Drinking Water to undergo arguably the most stringent and comprehensive water quality testing in the United States, if not the world. Like always, LVMWD met or exceeded all of the standards for safe and high quality drinking water as established by the state.

LVMWD conducted a recent survey to better understand water preferences and the perceptions of tap water versus bottled water of our customers. Over 68 percent of respondents routinely drink tap water albeit 60 percent of these customers filter the water first (e.g. Britta Filter™, PUR™, ZeroWater™, AquaGear™, et al). These customers primarily preferred tap water because it was convenient (41%), was better for the environment (24%) or was more cost effective (18%).

When you turn the faucet on, the water flows. At LVMWD, we utilize an extremely experienced and dedicated staff to manage and maintain our potable water distribution system. Routine maintenance protocols, emergency responses and timely repairs ensure that delicious and safe LV Tap water is reliably delivered into our customer's home 24/7.

Tap water is extremely affordable. For instance, one gallon of LVMWD tap water costs less than a penny delivered to your home from the Sierra Nevada Mountains over 400 miles away. In comparison, the same amount of bottled water can easily exceed \$1, or 100 times the cost. Foregoing bottled water and drinking from the sink can result in significant savings for LVMWD customers.

Tap water is the most sustainable drinking water product available. Tremendous amounts of plastic waste pile up in in landfills and oceans as a result from the manufacturing and sale of single-use bottled water. According to research on the subject, humans on this planet collectively purchase one million single-use plastic bottles every minute, 91 percent of which do not get recycled (Trevor Nace, "We're Now At a Million Plastic Bottles Per Minute – 91% of which are not Recycled", www.forbes.com, 26 July, 2017, 5/28/19). For those single-use plastic bottles that are neither recycled nor placed in landfills, they end up in the environment where they are a visual blight and harmful to wildlife.

LV Tap is our initiative to highlight the benefits tap water presents for our customers and the communities we serve. Delivering safe, high quality drinking water reliably to our customers is our mission and LV Tap is an expression of that dedication. So when you are thirsty, join the majority of our community and experience the affordability, sustainability and convenience LV Tap delivers when you "drink from the sink." www.ourLVTap.com



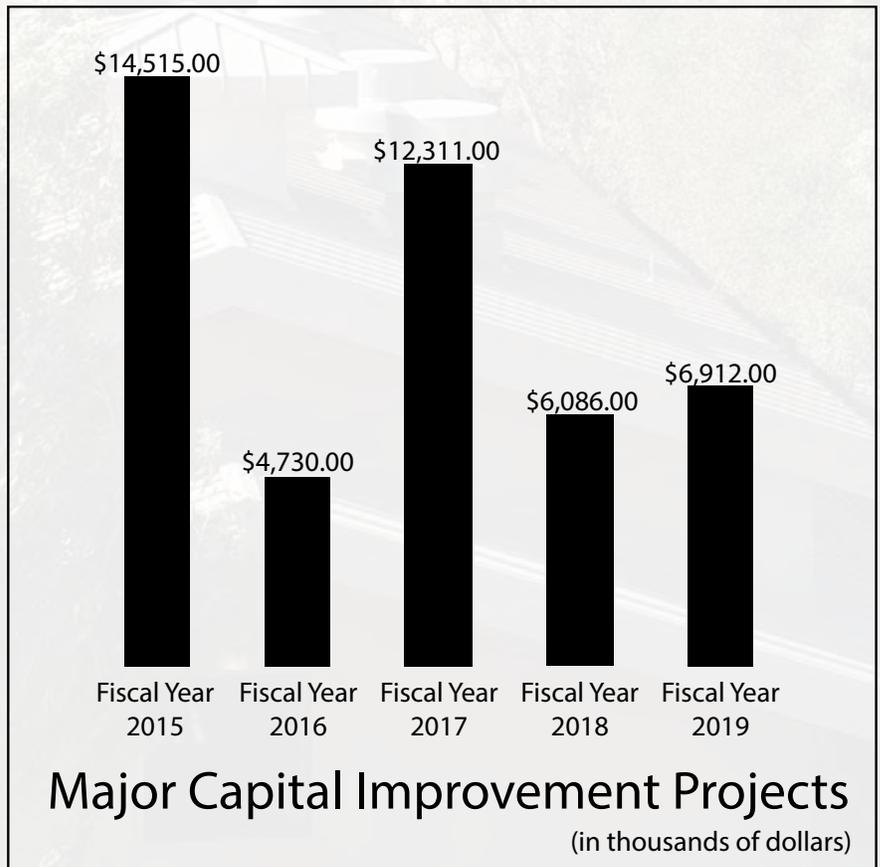


The District takes great pride in ensuring delivery of water and sanitation services to our customers through a comprehensive capital improvement program. Adequate investments are made to maintain a reliable system to address emergencies and unplanned service interruptions.

In Fiscal Years 2018-19 the District spent \$2.2 million on Process Air Improvements, \$1.9 million on the Tapia Water Reclamation Facility Rehabilitation, and \$1.9 million on the cleaning and repair of the Rancho Las Virgenes Composting Facility.

In Fiscal Years 2019-20, the District will be spending approximately \$6.5 million on Woolsey Fire related damages to the District's facilities. In November of 2018, the Board declared a state of emergency due to the Woolsey Fire that broke out on the afternoon of Thursday, November 8, 2018, in Ventura County. The District experienced significant damages at various facilities due to the fire. Since the event, staff has been working with the California Governor's Office of Emergency Services (CalOES), Federal Emergency Management Agency (FEMA), and the District's insurance provider on reimbursement for the damages.

In addition, in Fiscal Years 2019-20 the District will be spending \$3.5 million, it's share of the Las Virgenes-Triunfo Joint Powers Authority project, on construction of a demonstration facility located at the District's headquarters campus. Tour of the facility are intended to educate and promote public confidence in the treatment technology.

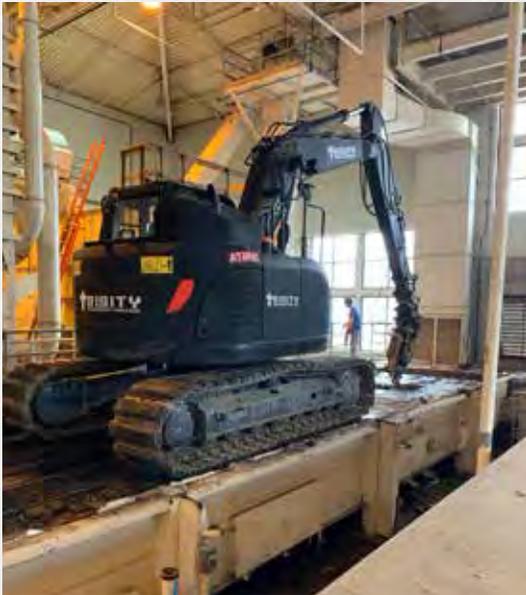


FY 2018-19 Financial Performance

Las Virgenes Municipal Water District (LVMWD or the “Agency”) uses the accrual method of accounting in accordance with generally accepted accounting principles to produce its financial statements. The following table illustrates how the Agency uses the adopted budget to monitor and compare actual financial performance. GAAP and auditing standards do not require the adopted budget to be included in the audited financial statements.

The District’s Fiscal Year 2018-19 financial results reflect a decrease in potable water sales, the District’s primary revenue source, as a result of the District’s targeted outreach efforts. Wasteful water use penalties impose increasing fines on customers who exceed their water budgets by 200%. Potable water sales decreased 1.75% and recycled water sales decreased 8.5% in Fiscal Year 2018-19. The overall financial position of the District is stable.

Las Virgenes Municipal Water District operates a Joint Powers Authority (JPA) with Triunfo Water and Sanitation District for the transmission and treatment of sanitation. Additional information about the JPA can be found in both the District’s Comprehensive Annual Financial Report and the JPA Audited Financial Statements on the District’s website at www.LVMWD.com/Financial-Reports.

**Financial Highlights**

The District’s net position increased by \$15.7 million to \$234.0 million

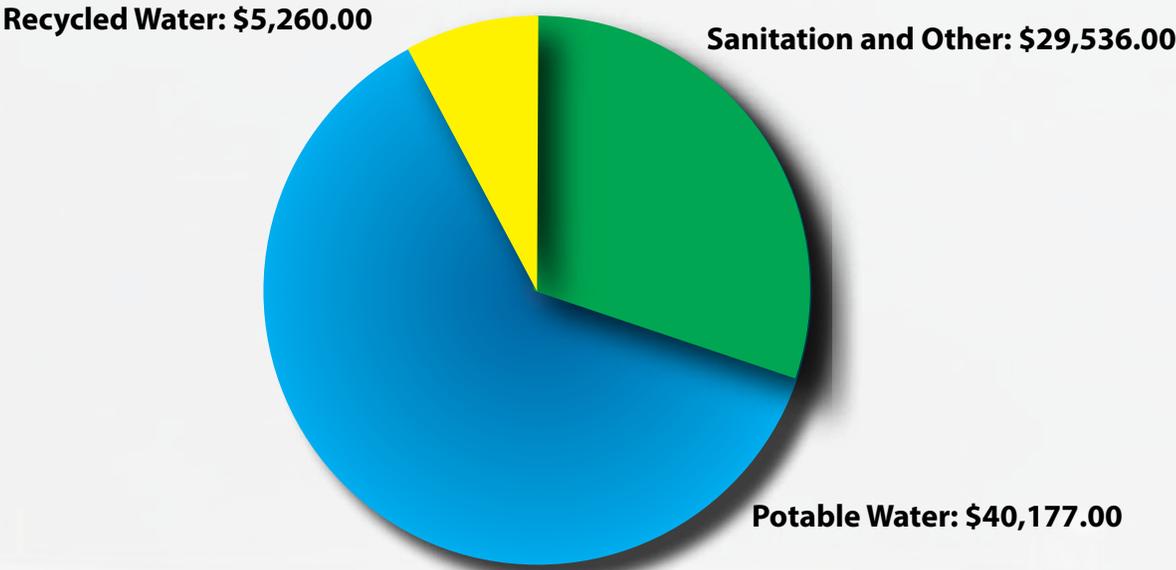
During the fiscal year, the District’s revenues decreased by 2.6% to \$64.9 million, expenses increased by 1.8% to \$43.1 million.

In Fiscal Year 2019, capital contributions to the District increased to \$3.9 million, 34.2% more than Fiscal Year 2018.

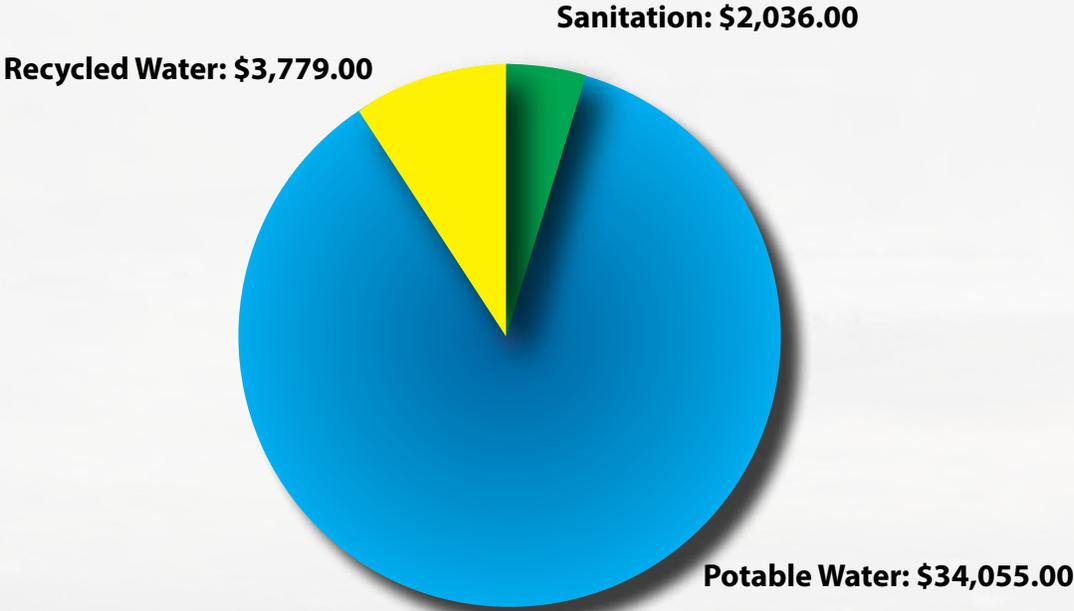
Did You Know?

Nearly 70% of the water delivered to LVMWD customers is used for irrigation.

Operating Revenue (in thousands of dollars)



Operating Expenses (in thousands of dollars)



Audit of Agency's Financial Statements by Independent Auditor

State statute requires an annual audit by independent Certified Public Accountants which is filed with the California State Controller's Office. The Agency's FY 2018-19 financial statements were audited by the Agency's auditor, The Pun Group LLP, Irvine, CA, in accordance with GAAP auditing standards, and the statements met the State Controller's Minimum Audit Requirements for California Special Districts. The Agency's Audited Financial Statements and accompanying Independent Auditor's Report can be found in the Agency's Comprehensive Annual Financial Report (CAFR), available online at www.LVMWD.com/Financial-Reports.

The analysis of the District is focused on the Financial Statements. The statements provide information on whether the District, as a whole, is in a stronger or weaker financial position compared to the last year. The Statement of Net Position and the Statement of Revenues, Expenses, and Changes in Net Position provide a means to measure the District's financial health or financial position. Over time, increases or decreases in the District's net position are one indicator of whether its financial health is improving or deteriorating. However, you will need to consider other non-financial factors such as changes in economic conditions, population growth, zoning, and new or changed government legislation.

Condensed Statements of Net Position
(in thousands of dollars)

	FY 2018	FY 2018
Current and Other Assets	\$ 105,102	\$ 96,369
Capital Assets	123,727	124,526
Investment in JPA	64,137	62,521
Total Assets	\$ 292,966	\$ 283,416
 Deferred Outflow of Resources	 \$ 8,718	 \$ 9,065
Long-Term Debt Outstanding	13,204	15,596
Net Pension Liability	16,055	20,493
Net OPEB Liability	19,301	19,183
Other Liabilities	15,466	16,592
Total Liabilities	\$ 64,026	\$ 71,864
 Deferred Inflows of Resources	 3,636	 2,274
Net Position:		
Net Investment in Capital Assets,	\$ 111,229	\$ 109,794
Restricted	2,734	2,683
Unrestricted	120,058	105,866
Total Net Position	\$ 234,021	\$ 218,343

Condensed Statements of Revenues, Expenses and Changes in Net Position

	<u>FY 2019</u>	<u>FY 2018</u>
Operating Revenues:		
Water Sales	\$ 45,437	\$ 46,250
Sanitation and Other	19,536	20,467
Non-operating Revenues:		
Taxes and Penalties	984	946
Interest Income and Other	4,195	1212
Total Revenues	\$ 70,152	\$ 68,875
Depreciation Expense	4,016	3,943
Other Operating Expenses	39,870	39,169
Share of JPA Net Expenses	13,958	13,718
Non-Operating Expenses	530	716
Total Expenses	\$ 58,374	\$ 57,546
Income (Loss) Before Capital	11,778	11,329
Capital Contributions	3,900	2566
Change in Net Position	<u>15,678</u>	<u>13,895</u>
Net Position - Beginning of Year:	<u>218,343</u>	<u>204,448</u>
Net Position - End of Year	<u>\$ 234,021</u>	<u>\$ 218,343</u>

The Condensed Statements of Revenues, Expenses and Changes in Net Position table to the left summarizes LVMWD's operating and non-operating revenues and expenses. The largest source of revenue is water sales to customers. Total revenues decreased by 2.6% in Fiscal Year 2018-19, while expenses increased by 1.8%. The increase in revenues was due to decreased water sales based on targeted outreach efforts. Expenses were stable with increases predominantly due to salary and benefit increases.

Definitions:

Capital Assets: Includes land, buildings, including water and sewer lines, wastewater facilities, reservoirs, tanks, distribution facilities, compost facility, maintenance and administration facilities, vehicles, and equipment net of depreciation.

Currents and Other Assets: Assets easily converted to cash or consumed within one year: cash, investments, receivables, and prepaid expenses.

Deferred Outflow of Resources: Represents outflow of resources that apply to future periods and that, therefore, will not be recognized as an expense until that time.

Long-Term Debt Outstanding: Payment due on LVMWD's 2009 Sanitation Refunding Bond that are more than 12 months in the future.

Other Liabilities: Payment due on obligations owed by LVMWD within the next 12 months.

Restricted Assets: Cash and investments set aside for a specific purpose.

Total Net Position: Equity associated with general government assets and liabilities.

Unrestricted Assets: Agency-owned assets that can be used for any purpose.

Capital Contributions: Funds that are used for capital and expansion projects.

Change in Net Position: The total of net income (loss) plus capital contributions.

Over the years and by the end of FY 2018-19, the District had invested \$240.2 million in a broad range of infrastructure including water and sewer lines, wastewater facilities, reservoirs, tanks, distribution facilities, compost facility, maintenance and administration facilities, vehicles and equipment and an investment in Joint Venture of \$64.1 million.

Capital Assets
(In thousands of dollars)

	FY 2019	FY 2018	Dollar Change	Total Percent Change
Land	\$ 6,915	\$ 6,915	\$ 0	0.00%
Buildings and Improvements	22,094	22,094	0	0.00%
Machinery and Equipment	11,678	11,416	262	2.24%
Infrastructure	197,692	195,570	2,122	1.07%
Construction in Progress	1,855	1,290	565	30.46%
Subtotal	240,234	237,285	2,949	1.23%
Less Accumulated Depreciation	116,506	112,760	3,746	3.22%
Net Property, Plant and Equipment	123,728	124,525	(797)	-0.64%
Investment in Joint Venture	64,138	62,521	1,617	2.52%
Total Capital Assets	\$ 187,866	\$ 187,046	\$ 820	0.44%

Definitions:

Depreciation Expense: If an asset is expected to produce a benefit in future periods, some of these costs must be deferred rather than treated as a current expense. LVMWD records depreciation expense in its financial reporting as the current period's allocation of such costs.

Income (Loss) Before Capital Contributions: The difference between total revenue less total expenses.

Net Position: The sum of total net position at the beginning of the fiscal year plus the change in net position resulting in ending net position at the end of the fiscal year.

Non-Operating Revenues and Expenses: Revenues and expenses that are incidental to LVMWD's main purpose and derived from activities not directly related to LVMWD's operations: taxes and penalties, interest earnings and rental income, and costs associated with debt.

Operating Expenses: Expenses incurred in the provision of potable water, sanitation, and recycled water services.

Operating Revenues: Revenues received for the sale of water to customers, services, inspections, and programs provided by LVMWD.

JPA Expense: LVMWD and Triunfo Sanitation District established a Joint Powers Authority (JPA) to construct, operate, maintain and provide for the replacement of joint sewerage system. The share of JPA net expenses is LVMWD's allocation of compined net revenue.

LVMWD maintains an “AA” rating from Standard & Poor’s for the refunding revenue bonds. One area that demonstrates the District’s financial strength and future borrowing capability is seen in its debt coverage ratio. Current bond covenants require that the debt coverage ratio must be greater than 1.10. The debt coverage ratio for FY 2019 was 2.59%.

Debt Coverage Ratio				
(In thousands of dollars)				
		<u>FY 2019</u>	<u>FY 2018</u>	Total Percent Change
Total Operating Revenues	\$	18,922	\$ 18,818	0.55%
Total Operating Expenses (less depreciation)		11,803	11,421	3.34%
Net Earnings		<u>7,119</u>	<u>7,397</u>	<u>-3.76%</u>
Maximum Annual Debt Service		2,751	2,752	-0.04%
Debt Coverage Ratio		<u>2.59</u>	<u>2.69</u>	<u>-3.72%</u>

Did You Know?

The water that LVMWD serves to our customers travels over 400 miles and begins as snow in the Sierra Nevada Mountains.



Government Finance Officers Association

**Award for
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Popular Annual
Financial Reporting**

Presented to

**Las Virgenes Municipal Water District
California**

For its Annual
Financial Report
for the Fiscal Year Ended

June 30, 2018

Christopher P. Morrell

Executive Director/CEO



Dedicated to providing high-quality water service in a cost-effective and environmentally sensitive manner.

Our business values:

High Level of Customer Satisfaction	Transparency and Community Engagement	Highly Effective Workforce	Safe, High Quality Water	Protection of Public Health and the Environment
Maximum Reuse and Resource Recovery	Sound Financial Management	Reliable Water Supplies and Service	Sound Planning and Appropriate Investment	Innovative and Efficient Operations

**Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA, 91302**

818-251-2200

**www.LVMWD.com
www.ourpureh20.com**



REVISION NO. 2

Regular Board Meeting
January 14, 2020
12:00 p.m. – Boardroom

Tuesday, January 14, 2020		
Meeting Schedule		
9:00 AM	L&C	Rm. 2-145
10:00 AM	C&LR	Rm. 2-456
12:00 PM	Board Mtg	Boardroom

MWD Headquarters Building • 700 N. Alameda Street • Los Angeles, CA 90012

1. Call to Order

- (a) Invocation: Theresa Slifko, Unit Manager, Water System Operations
- (b) Pledge of Allegiance: Stephen Faessel, City of Anaheim

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 Government Code Section 54954.3(a))

- a. Guest Speaker, Sandy Kerl, General Manager San Diego County Water Authority.

5. OTHER MATTERS

- A. Approval of the Minutes of the Meeting for December 10, 2019 (A copy has been mailed to each Director)
Any additions, corrections, or omissions
- B. Report on Directors’ events attended at Metropolitan expense for month of December 2019

- C. Induction of new Director Heather Reppenning from the City of Los Angeles
 - (a) Receive credentials
 - (b) Report on credentials by General Counsel
 - (c) File credentials
 - (d) Administer Oath of Office
 - (e) File Oath

- D. Induction of Director Michael Camacho from Inland Empire Utilities Agency
 - (a) Receive credentials
 - (b) Report on credentials by General Counsel
 - (c) File credentials
 - (d) Administer Oath of Office
 - (e) File Oath

- E. Approve Commendatory Resolutions for Director Jasmine Hall representing Inland Empire Utilities Agency

- F. Approve committee assignments

- G. Chairwoman's Monthly Activity Report

- H. Presentation of Commendatory Resolution for Director Frank M. Heldman representing the Central Basin Municipal Water District

- I. Presentation of Commendatory Resolution for Director Glen C. Dake representing the City of Los Angeles

- J. Presentation of 5-year Service Pin to Director Marsha Ramos, representing the City of Burbank

6. DEPARTMENT HEADS' REPORTS

- A. General Manager's summary of activities for the month of December 2019

- B. General Counsel's summary of activities for the month of December 2019

- C. General Auditor's summary of activities for the month of December 2019

- D. Ethics Officer's summary of activities for the month of December 2019

7. CONSENT CALENDAR ITEMS — ACTION

- 7-1 Award \$594,800 contract to Kaveh Engineering & Construction, Inc. for upgrades to the De Soto valve structure on the West Valley Feeder No. 1; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (E&O)
- 7-2 Adopt CEQA determination that the proposed project was previously addressed in the certified 2017 Programmatic Environmental Impact Report and related CEQA actions, and authorize a five-year lease agreement with Los Angeles Community College District in an amount not-to-exceed \$850,000 for property to be used for construction staging and storage of steel liner pipe. (E&O)
- 7-3 Review and consider the County of San Diego's adopted Mitigated Negative Declaration and take related CEQA actions, and adopt resolution for the Sringeri Vidya Bharati Foundation Temple Area Annexation concurrently to San Diego County Water Authority and Metropolitan. (F&I)

END OF CONSENT CALENDAR

8. OTHER BOARD ITEMS — ACTION

- 8-1 Approve and authorize the distribution of Appendix A for use in the issuance and remarketing of Metropolitan's Bonds; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (F&I)

Deferred

- ~~8-2 Award a contract to Suez Treatment Solutions, Inc., in an amount not to exceed \$4,100,000 for procurement of ozone generator dielectrics and power supply units at the Joseph Jensen Water Treatment Plant; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (E&O)~~

- 8-3 Authorize increase of \$5.5 million for capital projects costing less than \$400,000 for fiscal years 2018/19 and 2019/20; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (E&O)
- 8-4 Adopt updated State Legislative Priorities and Principles for 2020; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (C&L)
- 8-5 Adopt updated Federal Legislative Priorities and Principles for 2020; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (C&L)

Revised

- 8-6 ~~Consider~~ Review SDCWA December 19, 2019 proposal to settle and report on *San Diego County Water Authority v. Metropolitan Water District of Southern California, et al.*, San Francisco County Superior Court Case Nos. CPF-10-510830, CPF-12-512466, CPF-14-514004, CPF-16-515282, CPF-16-515391, CGC-17-563350, and CPF-18-516389; the appeal of the 2010 and 2012 actions, Court of Appeal for the First Appellate District Case Nos. A146901 and A148266 and California Supreme Court Case No. S243500; the petition for extraordinary writ in the 2010 and 2012 actions, Court of Appeal for the First Appellate District Case No. A155310; and the petition for extraordinary writ in the second 2016 action, Court of Appeal for the First Appellate District Case No. A154325 and California Supreme Court Case No. S251025; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (L&C)

[Conference with legal counsel – existing litigation; to be heard in closed session pursuant to Gov. Code Section 54956.9(d)(1)]

9. BOARD INFORMATION ITEMS

- 9-1** Update on Conservation Program

10. OTHER BOARD ITEMS — ACTION

11. FOLLOW-UP ITEMS

12. FUTURE AGENDA ITEMS

13. ADJOURNMENT

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

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

Requests for a disability related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting should be made to the Board Executive Secretary in advance of the meeting to ensure availability of the requested service or accommodation.



BEST BEST & KRIEGER
ATTORNEYS AT LAW

To: Las Virgenes-Triunfo JPA Board of Directors
From: John Freshman and Ana Schwab
Date: January 27, 2020
RE: Federal Report

Waters of the United States

On January 23rd, the Environmental Protection Agency (EPA) and the Department of the Army (Army) released the finalized rule of the revision to the “Waters of the United States” (WOTUS) definition. In the Clean Water Act (CWA), agencies are directed to protect “navigable waters.” The new revised rule, Navigable Waters Protection Rule, reduces the types of bodies of water required to be protected. The agencies released streamlined definitions that include four categories of jurisdiction waters, excluding many of the water protection inclusions from the 2015 “Clean Water Rule” that was issued by the Obama Administration. The narrowing of the WOTUS definition will have broad implications for public agencies and private property owners.

The four defined categories are: territorial seas and traditional navigable waters; tributaries; lakes, ponds, and impoundments of jurisdictional waters; and adjacent wetlands. There are several exclusions to the final rule. A significant change to the rule is that ephemeral streams and other features will be excluded from CWA jurisdiction. Wetlands will also be excluded from CWA unless they have a direct surface connection to a Water of the United States, or they are only separated from a Water of the United States by a natural berm or bank. Artificial lakes and ponds, water storage reservoirs, stormwater control features, groundwater recharge facilities will also be excluded from the jurisdiction.

Critics of the rule argue that it will result in less clean water, due to a lack of oversight of pesticides, fertilizers, and other industrial chemicals released into waterways. Proponents of the rule counter that the state and local environmental regulations will be a sufficient oversight on such pollution.

The final rule is scheduled to take effect 60 days after it is formally published in the Federal Register, which will be published in the upcoming days or weeks.

PFAS

The House of Representatives voted on a PFAS package under H.R. 535 that was passed 247-159. The vote was mostly along party lines. The measure was compiled by the House Energy and Commerce Committee from 12 separate PFAS-focused bills. Senate Republicans oppose the measure. As a result, the package is not expected to move forward in the Senate.



On January 17th, the EPA released a list of 160 per- and polyfluoroalkyl substances, or PFAS that companies and federal facilities must report to the agency's Toxics Release Inventory. The new reporting requirement is a result of a provision in the National Defense Authorization Act (NDAA) that became law last month. Companies and facilities that release 100 or more pounds of PFAS are required to compile information on the quantity released into the air, water, or land, and the quantities managed through disposal, energy recovery, recycling, or treatment. Two compounds that are increasingly being found in drinking water and on land, PFOA and PFOS, are among the listed chemicals.

Reports are due in a year and a half, by July 1, 2021.

Endangered Species Act

The Congressional Western Caucus introduced a package of bills that would reduce the scope of protections provided by the Endangered Species Act (ESA). The package of bills changes the ESA listing and de-listing procedures, critical habitat decisions, and science-based research requirements. The package includes the interests of property owners, states, and local stakeholders. The package aims for more transparency, requiring scientific data, rationale, and litigation information to be made publicly available and reported to Congress. Additionally, the package would codify parts of the administration's rollbacks of ESA.

House Committee of Natural Resources Chairman Raul Grijalva (D-AZ) says the package fails to provide compelling interest to conduct a hearing on package. It is unlikely that the package will move forward in the House as it is met with resistance from Democratic lawmakers and environmental groups.

National Environmental Policy Act

On January 9th, the Council on Environmental Quality released proposed revisions to its National Environmental Policy Act (NEPA) regulations. These revisions would be the first overhaul to CEQ's NEPA regulations in more than 40 years. CEQ aims to modernize and clarify the regulations in order to facilitate more timely and efficient NEPA reviews by Federal agencies related to proposals for agency action. Key provisions would require a project's environmental effects to be "reasonably foreseeable" and have a close causal relationship to the project. This would result in increasing the speed of permitting for big projects since the environmental impacts due not to fulfill a multi-year impact threshold. The new proposed revisions would reduce the approval review process for projects like oil pipelines, highways, and bridges.



Lawmakers are split on the issue by party. Top Democrats voiced concern that the changes would have detrimental environmental impacts nation-wide. Republicans voiced support of the changes, citing the reduced review time would be beneficial for all parties. Since the announcement, several coalitions from the oil, gas, and wind power industries have formed to support the new revisions.

The proposed rulemaking was published in the Federal Register, and comments are due by March 10, 2020. CEQ also plans public hearings on the proposed rule on February 11th in Denver, and February 25th in Washington, D.C.

85 FR 1684 Update to the Regulations Implementing the Procedural Provisions of the National Environmental Policy Act

In this action, the Council on Environmental Quality (CEQ) is proposing to update its regulations for implementing the procedural provisions of the National Environmental Policy Act (NEPA). CEQ has not comprehensively updated its regulations since their promulgation in 1978, more than four decades ago. This proposed rule would modernize and clarify the regulations to facilitate more efficient, effective, and timely NEPA reviews by Federal agencies in connection with proposals for agency action. The proposed amendments would advance the original goals of the CEQ regulations to reduce paperwork and delays, and promote better decisions consistent with the national environmental policy set forth in section 101 of NEPA. If finalized, the proposed rule would comprehensively update and substantially revise the 1978 regulations. CEQ invites comments on the proposed revisions.

CEQ must receive comments by March 10, 2020. You may submit comments, identified by docket number CEQ-2019-0003, by any of the following methods: Federal eRulemaking Portal: <https://www.regulations.gov>. Follow the instructions for submitting comments.

85 FR 1810 - Proposed Information Collection Request; Comment Request; Clean Water Act State Revolving Fund Program

The U.S. Environmental Protection Agency (EPA) is planning to submit a request to renew an existing information collection request (ICR), “Clean Water State Revolving Fund Program” (EPA ICR No. 1391.11, OMB Control No. 2040-0118) to the Office of Management and Budget (OMB) for review and approval in accordance with the Paperwork Reduction Act (PRA). Before doing so, the EPA is soliciting public comments on specific aspects of the proposed information collection as described below. This is a proposed extension of the ICR, which is currently approved through September 30, 2020. An Agency may not conduct or sponsor and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number.



BEST BEST & KRIEGER

ATTORNEYS AT LAW

Submit your comments, referencing Docket ID No. EPA-HQ-OW-2004-0015, online using www.regulations.gov (preferred method), by email to ow-docket@epa.gov, or by mail to: EPA Docket Center, Environmental Protection Agency, Mail Code 28221T, 1200 Pennsylvania Ave. NW, Washington, DC 20460.

**LAS VIRGENES TRIUNFO - HIGH PRIORITY LEGISLATION IN THE 116TH CONGRESS
THROUGH JANUARY 24, 2020**

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>H.R. 34</u> Energy and Water Research Integration Act of 2019</p>	<p>To ensure consideration of water intensity in the Department of Energy’s energy research, development, and demonstration programs to help guarantee efficient, reliable, and sustainable delivery of energy and clean water resources.</p>	<p>Introduced by Rep. Eddie Bernice Johnson (D-TX) – January 3, 2019</p> <p>Passed/agreed to in the House – July 23, 2019.</p> <p>Introduced in the Senate</p>	
<p><u>S.47</u> Natural Resources Management Act</p>	<p>This bill sets forth provisions regarding various programs, projects, activities, and studies for the management and conservation of natural resources on federal lands.</p> <ul style="list-style-type: none"> ● Specifically, the bill addresses, among other matters ● land conveyances, exchanges, acquisitions, withdrawals, and transfers; ● national parks, monuments, memorials, wilderness areas, wild and scenic rivers, historic and heritage sites, and other conservation and recreation areas; ● wildlife conservation; ● helium extraction; ● small miner waivers of claim maintenance fees; ● wildland fire operations; ● the release of certain federal reversionary land interests; ● boundary adjustments; ● the Denali National Park and Preserve natural gas pipeline; ● fees for medical services in units of the National Park System; ● funding for the Land and Water Conservation Fund; ● recreational activities on federal or nonfederal lands; ● a national volcano early warning and monitoring system; ● federal reclamation projects; and ● search-and recovery-missions. <p>In addition, the bill reauthorizes the National Cooperative Geologic Mapping Program.</p>	<p>Introduced by Sen. Lisa Murkowski (R-AK) – January 8, 2019</p> <p>Signed into law on March 12, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>S. 40</u> <u>Bureau of Reclamation Transparency Act</u></p>	<p>To require the Secretary of the Interior to submit to Congress a report on the efforts of the Bureau of Reclamation to manage its infrastructure assets.</p>	<p>Introduced by Sen. John Barrasso (R-WY) – January 8, 2019</p>	
<p><u>H.R. 357</u> <u>Sacramento-San Joaquin Delta National Heritage Area Act</u></p>	<p>To establish the Sacramento-San Joaquin Delta National Heritage Area. The boundaries of the Heritage Area shall be in the counties of Contra Costa, Sacramento, San Joaquin, Solano, and Yolo in the State of California, as generally depicted on the map entitled “Sacramento-San Joaquin Delta National Heritage Area Proposed Boundary”, numbered T27/105,030, and dated October 2012.</p>	<p>Introduced by Rep. John Garamendi (D-CA) – January 9, 2019</p> <p>Signed into law on March 12, 2019 as part of S. 47 – Natural Resources Management Act</p>	
<p><u>H.R. 535</u> <u>PFAS Action Act of 2019</u></p>	<p>To require the Administrator of the Environmental Protection Agency to designate per- and polyfluoroalkyl substances as hazardous substances under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980.</p>	<p>Introduced by Rep. Debbie Dingell (D-MI) – January 14, 2019</p> <p>Received in the Senate – January 13, 2020</p>	
<p><u>H.R. 579</u> <u>Water Rights Protection Act of 2019</u></p>	<p>To prohibit the conditioning of any permit, lease, or other use agreement on the transfer of any water right to the United States by the Secretaries of the Interior and Agriculture, and for other purposes.</p>	<p>Introduced by Rep. Scott Tipton (R-CO) – January 15, 2019</p>	
<p><u>H.R. 664</u> <u>Recreational Lands Self-Defense Act of 2019</u></p>	<p>To protect the right of individuals to bear arms at water resources development projects administered by the Secretary of the Army, and for other purposes</p>	<p>Introduced by Rep. Bob Gibbs (D-OH) – January 17, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>H.R. 667</u> Regulatory Certainty for Navigable Waters Act</p>	<p>To repeal the Waters of the United States rule and amend the Federal Water Pollution Control Act</p>	<p>Introduced by Rep. Jamie Herrera Beutler (R-WA) – January 17, 2019</p>	
<p><u>H.R. 658</u> National Infrastructure Development Bank Act of 2019</p>	<p>To facilitate efficient investments and financing of infrastructure projects and new job creation through the establishment of a National Infrastructure Development Bank, and for other purposes. Highlighting environmental infrastructure projects which include drinking water, waste water treatment facility, and stormwater management system.</p>	<p>Introduced by Rep. Rosa DeLauro (D-CT) – January 17, 2019</p>	
<p><u>H.R. 807</u> Water and Agriculture Tax Reform Act of 2019</p>	<p>To amend the Internal Revenue Code of 1986 to facilitate water leasing and water transfers to promote conservation and efficiency.</p>	<p>Introduced by Rep. Ken Buck (R-CO) – January 28, 2019</p>	
<p><u>H.R. 843</u> Reform EPA Act</p>	<p>To amend the Federal Water Pollution Control Act to clarify when the Administrator of the Environmental Protection Agency has the authority to prohibit the specification of a defined area, or deny or restrict the use of a defined area for specification, as a disposal site under section 404 of such Act, and for other purposes.</p>	<p>Introduced by Rep. Bob Gibbs (R-OH) – January 29, 2019</p>	
<p><u>H.R. 855</u> STRONG Act</p>	<p>To minimize the economic and social costs resulting from losses of life, property, well-being, business activity, and economic growth associated with extreme weather events by ensuring that the United States is more resilient to the impacts of extreme weather events in the short- and long-term, and for other purposes. Key sectors shall include water management, including supply and treatment; infrastructure, including natural and built forms of water and wastewater services;</p>	<p>Introduced by Rep. Scott Peters (D-CA) – January 29, 2019</p>	
<p><u>S. 308</u> Santa Ana River Wash Plan Land Exchange Act</p>	<p>A bill to direct the Secretary of the Interior to convey certain Federal lands in San Bernardino County, California, to the San Bernardino Valley Water Conservation District, and to accept in return certain non-Federal lands, and for other purposes.</p>	<p>Introduced by Sen. Dianne Feinstein (D-CA) – January 31, 2019</p>	
<p><u>S. 361</u> Water and Agriculture Tax Reform Act of 2019</p>	<p>A bill to amend the Internal Revenue Code of 1986 to facilitate water leasing and water transfers to promote conservation and efficiency.</p>	<p>Introduced by Sen. Cory Gardner (R-CO) – February 6, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>H.R. 1067</u> <u>Santa Ana River Wash Plan Land Exchange Act</u></p>	<p>To direct the Secretary of the Interior to convey certain Federal lands in San Bernardino County, California, to the San Bernardino Valley Water Conservation District, and to accept in return certain non-Federal lands, and for other purposes.</p>	<p>Introduced by Rep. Pete Aguilar (D-CA) – February 7, 2019</p>	
<p><u>S. 376</u> <u>Defense of Environment and Property Act of 2019</u></p>	<p>A bill to amend the Federal Water Pollution Control Act to clarify the definition of navigable waters, and for other purposes.</p>	<p>Introduced by Sen. Rand Paul (R-KY) – February 7, 2019</p>	
<p><u>H.R. 1137</u> <u>To amend the Water Resources Development Act of 1986 to repeal the authority relating to reprogramming during national emergencies.</u></p>	<p>To amend the Water Resources Development Act of 1986 to repeal the authority relating to reprogramming during national emergencies.</p>	<p>Introduced by Rep. John Garamendi (D-CA) – February 11, 2019</p>	
<p><u>H.R. 1162</u> <u>Water Recycling Investment and Improvement Act</u></p>	<p>To extend the authorization of the Bureau of reclamation’s Title XVI competitive grants program, and increases the authorized funding levels from \$50 million to \$500 million. Further the legislation expands the geographic scope of the program by removing a requirement that projects be located in sustained drought or disaster areas, makes the program truly competitive by removing a requirement that Congress sign off on each selected project, and modernizes the individual program funding cap from \$20 million to \$30 million.</p>	<p>Introduced by Rep. Grace Napolitano (D-CA) – Introduced February 13, 2019 Subcommittee on Water, Oceans, and Wildlife hearing - June 13, 2019</p>	<p><i>Support</i></p>
<p><u>H.R. 1334</u> <u>Outdoor Recreation Legacy Partnership Grant Program Acts</u></p>	<p>To provide grants for projects to acquire land and water for parks and other outdoor recreation purposes and to develop new or renovate existing outdoor recreation facilities.</p>	<p>Introduced by Rep. Nanette Barragan (D-CA) – February 25, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>H.R. 1331</u> <u>Local Water Protection Act</u></p>	<p>To amend Section 319(j) of the Federal Water Pollution Control Act (33 U.S.C. 1329 (j)) is amended by striking “subsections (h) and (i) not to exceed” and all that follows through “fiscal year 1991” and inserting “subsections (h) and (i) \$200,000,000 for each of fiscal years 2020 through 2024”.</p>	<p>Introduced by Rep. Annie Craig (D-MN) – February 26, 2019</p> <p>Passed/agreed to in House - April 8, 2019. Introduced in the Senate.</p>	
<p><u>H.R. 1429</u> <u>Drinking Water Infrastructure for Job Creation Act</u></p>	<p>Making supplemental appropriations, of \$7,500,000,000, for fiscal year 2019 for the Drinking Water State Revolving Funds, and for other purposes.</p>	<p>Introduced by Rep. Maxine Waters (D-CA) – February 28,2019</p>	
<p><u>S. 611</u> <u>Water Affordability, Transparency, and Equity, and Reliability Act of 2019</u></p>	<p>To establish a trust fund, of \$34,850,000,000, to provide for adequate funding for water and sewer infrastructure, and for other purposes.</p>	<p>Introduced by Sen. Bernie Sanders (I-VT) – February 28, 2019</p>	
<p><u>H.R. 1417</u> <u>Water Affordability, Transparency, and Equity, and Reliability Act of 2019</u></p>	<p>To establish a trust fund, of \$34,850,000,000, to provide for adequate funding for water and sewer infrastructure, and for other purposes.</p>	<p>Introduced by Rep. Brenda Lawrence (D-MI) – March 1, 2019</p>	
<p><u>H.R. 1497</u> <u>Water Quality Protection and Job Creation Act of 2019</u></p>	<p>To amend the Federal Water Pollution Control Act to reauthorize certain water pollution control programs, and for other purposes. The legislation would authorize \$120,000,000 for each of fiscal years 2020 through 2024.”</p>	<p>Introduced by Rep. Pete DeFazio (D-OR) – March 6, 2019</p> <p>Ordered to be Reported (Amended) by Voice Vote – October 29, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>H.R. 1621</u> <u>Water Supply Permitting Coordination Act</u></p>	<p>To authorize the Secretary of the Interior to coordinate Federal and State permitting processes related to the construction of new surface water storage projects on lands under the jurisdiction of the Secretary of the Interior and the Secretary of Agriculture and to designate the Bureau of Reclamation as the lead agency for permit processing, and for other purposes.</p>	<p>Introduced by Rep. Tom McClintock (R-CA) – March 7, 2019</p>	
<p><u>H.R. 1764</u> <u>To amend the Federal Water Pollution Control Act with respect to permitting terms, and for other purposes.</u></p>	<p>To extend the NPDES permit period from 5 years to 10 years.</p>	<p>Introduced by Rep. John Garamendi (D-CA) – March 14, 2019</p>	<p><i>Support (with condition of needing Napolitano's support on the bill as well)</i></p>
<p><u>H.R. 2030</u> <u>Colorado River Drought Contingency Plan Authorization Act</u></p>	<p>This bill requires the Department of the Interior to carry out the Colorado River Drought Contingency Plan which was submitted to Congress on March 19, 2019, by Arizona, California, Colorado, Nevada, New Mexico, Utah, and Wyoming. Interior must execute the plan without delay and operate applicable Colorado River System reservoirs accordingly.</p>	<p>Introduced by Rep. Raul Grijalva (D-AZ) – April 2, 2019 Signed into law on April 16, 2019</p>	
<p><u>S. 1057</u> <u>Colorado River Drought Contingency Plan Authorization Act</u></p>	<p>This bill requires the Department of the Interior to carry out the Colorado River Drought Contingency Plan which was submitted to Congress on March 19, 2019, by Arizona, California, Colorado, Nevada, New Mexico, Utah, and Wyoming. Interior must execute the plan without delay and operate applicable Colorado River System reservoirs accordingly</p>	<p>Introduced by Sen. Martha McSally (R-AZ) – April 8, 2019 Passed the Senate on April 9, 2019. Introduced in the House</p>	
<p><u>S. 1087</u> <u>Water Quality Certification Improvement Act of 2019</u></p>	<p>To amend the Federal Water Pollution Control Act to make changes with respect to water quality certification, and for other purposes.</p>	<p>Introduced by Sen. John Barrasso (R-WY) – April 9, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>H.R. 2215</u> <u>San Gabriel Mountains Foothills and Rivers Protections Act</u></p>	<p>The legislation would designate over 30,000 acres of protected wilderness and 45.5 miles of protected rivers and expand the San Gabriel Mountains National Monument, establish a National Recreation Area along the foothills and the San Gabriel Corridor. The bill would expand the borders of the monument to include the western Angeles National Forest</p>	<p>Introduced by Rep. Judy Chu (D-CA) – April 10, 2019 Ordered to be Reported (Amended) by the Yeas and Nays: 20 – 13 – November 20, 2019</p>	
<p><u>S. 1109</u> <u>San Gabriel Mountains Foothills and Rivers Protection Act</u></p>	<p>To establish as a unit of the National Park System the San Gabriel National Recreation Area in the State of California, and for other purposes.</p>	<p>Introduced by Sen. Kamala Harris (D-CA) – April 10, 2019</p>	
<p><u>H.R. 2205</u> <u>Water Quality Certification Improvement Act of 2019</u></p>	<p>To amend the Federal Water Pollution Control Act to make changes with respect to water quality certification, and for other purposes.</p>	<p>Introduced by Rep. David McKinley (R-WV) – April 11, 2019</p>	
<p><u>H.R. 2287</u> <u>Federal Regulatory Certainty for Water Act</u></p>	<p>This bill nullifies the Clean Water Rule that was issued on May 27, 2015, by the Environmental Protection Agency and the U.S. Army Corps of Engineers. The rule describes the scope of the Clean Water Act. Under this bill, the Clean Water Act applies to waters of the United States that are (1) navigable-in-fact; or (2) permanent or continuously flowing bodies of water that form geographical features commonly known as streams, oceans, rivers, and lakes that are connected to waters that are navigable-in-fact. Under this bill, the Act does not apply to (1) waters that do not physically abut those waters of the United States through an actual and continuous surface water connection; (2) man-made or natural structures or channels through which water flows intermittently or ephemeral; or (3) wetlands (including playa lakes, prairie potholes, wet meadows, wet prairies, and vernal pools) that lack that continuous surface water connection. The aggregation of wetlands or waters may not be used to determine whether the wetlands or waters are navigable waters.</p>	<p>Introduced by Rep. Mac Thornberry (R-TX) – April 11, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>H.R. 2313</u> <u>Water Conservation Rebate Tax Parity Act</u></p>	<p>To amend the Internal Revenue Code of 1986 to expand the exclusion for certain conservation subsidies to include subsidies for water conservation or efficiency measures and storm water management measures.</p>	<p>Introduced by Rep. Jared Huffman (D-CA) – April 12, 2019</p>	
<p><u>H. Res. 324</u> <u>Recognizing the importance of the United States-Israel economic relationship and encouraging new areas of cooperation</u></p>	<p>(1) affirms that the United States-Israel economic partnership has achieved great tangible and intangible benefits to both countries and is a foundational component of the strong alliance; (2) recognizes that science and technology innovation present promising new frontiers for United States-Israel economic cooperation, particularly in light of widespread drought, cybersecurity attacks, and other major challenges impacting the United States; (3) encourages the President to regularize and expand existing forums of economic dialogue with Israel and foster both public and private sector participation; and (4) expresses support for the President to explore new agreements with Israel, including in the fields of energy, water, agriculture, medicine, neurotechnology, and cybersecurity.</p>	<p>Introduced by Rep. Ted Lieu (D-CA) – April 18, 2019</p>	
<p><u>H.R. 2377</u> <u>Protect Drinking Water from PFAS Act of 2019</u></p>	<p>To amend the Safe Drinking Water Act to require the Administrator of the Environmental Protection Agency to publish a maximum contaminant level goal and promulgate a national primary drinking water regulation for total per- and polyfluoroalkyl substances, and for other purposes.</p>	<p>Introduced by Rep. Brendan Boyle (D-PA) – April 29, 2019</p> <p>Forwarded by Subcommittee to Full Committee on Energy and Commerce by Voice Vote – September 26, 2019</p>	
<p><u>S. 1251</u> <u>Safe Drinking Water Assistance Act of 2019</u></p>	<p>A bill to improve and coordinate interagency Federal actions and provide assistance to States for responding to public health challenges posed by emerging contaminants, and for other purposes.</p>	<p>Introduced by Sen. Jeanne Shaheen (D-NH) – April 30, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>S. 1245</u> <u>All-of-the-Above Federal Building Energy Conservation Act of 2019</u></p>	<p>A bill to improve energy performance in Federal buildings, including water usage.</p>	<p>Introduced by Sen. John Hoeven (R-ND) – April 30, 2019 Placed on Senate Legislative Calendar - September 25, 2019</p>	
<p><u>H.R. 2462</u> <u>Flood Mapping Modernization and Homeowner Empowerment Pilot Program Act of 2019</u></p>	<p>To establish a pilot program to enhance the mapping of urban flooding and associated property damage and the availability of such mapped data to homeowners, businesses, and localities to help understand and mitigate the risk of such flooding, and for other purposes.</p>	<p>Introduced by Rep. Mike Quigley (D-IL) – May 2, 2019</p>	
<p><u>S. 1276</u> <u>Flood Mapping Modernization and Homeowner Empowerment Pilot Program Act of 2019</u></p>	<p>To establish a pilot program to enhance the mapping of urban flooding and associated property damage and the availability of such mapped data to homeowners, businesses, and localities to help understand and mitigate the risk of such flooding, and for other purposes.</p>	<p>Introduced by Sen. Dick Durbin (D-IL) – May 2, 2019</p>	
<p><u>H.R. 2458</u> <u>Water Infrastructure Sustainability and Efficiency Act</u></p>	<p>To amend the Federal Water Pollution Control Act to require a certain percentage of funds appropriated for revolving fund capitalization grants be used for green projects, and for other purposes.</p>	<p>Introduced by Rep. Debbie Mucarsel-Powell (D-FL) – May 2, 2019</p>	
<p><u>H.R. 2473</u> <u>Securing Access for the central Valley and Enhancing (SAVE) Water Resources Act</u></p>	<p>To promote water supply reliability and improved water management for rural communities, the State of California, and the Nation, and for other purposes.</p>	<p>Introduced by Rep. Josh Harder (D-CA) – May 2, 2019 Subcommittee on Water, Oceans, and Wildlife hearing held - June 13, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>H.R. 2470</u> <u>Clean Water Infrastructure Resilience and Sustainability Act</u></p>	<p>To direct the Administrator of the Environmental Protection Agency to establish a program to make grants to eligible entities to increase the resilience of publicly owned treatment works to natural disasters.</p>	<p>Introduced by Rep. Salud Carbajal (D-CA) – May 3, 2019</p>	
<p><u>S. 1372</u> <u>PFAS Accountability Act of 2019</u></p>	<p>To encourage Federal agencies to expeditiously enter into or amend cooperative agreements with States for removal and remedial actions to address PFAS contamination in drinking, surface, and ground water and land surface and subsurface strata, and for other purposes.</p>	<p>Introduced by Sen. Debbie Stabenow (D-MI) – May 8, 2019</p>	
<p><u>H.R. 2570</u> <u>PFAS User Fee Act of 2019</u></p>	<p>To ensure that polluters pay ongoing water treatment costs associated with contamination from perfluoroalkyl and polyfluoroalkyl substances, and for other purposes.</p>	<p>Introduced Rep. Harley Rouda (D-CA) – May 9, 2019</p> <p>Forwarded by Subcommittee to Full Committee on Energy and Commerce by voice vote – September 26, 2019.</p>	<p><i>Watching</i></p>
<p><u>H.R. 2665</u> <u>Smart Energy and Water Efficiency Act of 2019</u></p>	<p>To direct the Secretary of Energy to establish a smart energy and water efficiency program, and for other purposes.</p>	<p>Introduced Rep. Jerry McNerney (D-CA) – May 13, 2019</p> <p>Ordered to be Reported (Amended) by Voice Vote – July 17, 2019</p>	
<p><u>H.R. 2705</u> <u>Water Infrastructure Trust Fund Act of 2019</u></p>	<p>To establish a Water Infrastructure Trust Fund through the Treasury Department - 50% of the fund shall be available to the EPA for capitalization grants under §601 of the Federal Water Pollution Control Act and 50% of the fund shall be available to the EPA for capitalization grants under §1452 under the Safe Drinking Water Act.</p>	<p>Introduced by Rep. Earl Blumenauer (D-OR) – May 14, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>S. 1473</u> <u>Protect Drinking Water from PFAS Act of 2019</u></p>	<p>To amend the Safe Drinking Water Act to require the Administrator of the Environmental Protection Agency to set maximum contaminant levels for certain chemicals, and for other purposes.</p>	<p>Introduced by Sen. Kirsten Gillibrand (D-NY) – May 15, 2019</p>	
<p><u>H.R. 2800</u> <u>PFAS Monitoring Act of 2019</u></p>	<p>To amend the Safe Drinking Water Act to require continued and expanded monitoring of perfluoroalkyl and polyfluoroalkyl substances in drinking water, and for other purposes.</p>	<p>Introduced by Rep. Elissa Slotkin (D-MI) – May 16, 2019</p>	
<p><u>S. 1507</u> <u>PFAS Release Disclosure Act</u></p>	<p>To include certain perfluoroalkyl and polyfluoroalkyl substances in the toxics release inventory, and for other purposes.</p>	<p>Introduced by Sen. Shelley Moore Capito (R-WV) – May 16, 2019</p> <p>Passed the Senate Committee on Environment and Public Works and placed on the Senate Calendar for a full vote – June 19, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p>H.R. 2776 Stop Sewage Overflow Act</p>	<p>To make certain municipalities eligible for grants under the Federal Water Pollution Control Act. Grant cost shares would be applicable as follows:</p> <ul style="list-style-type: none"> • Not less than 55 percent for municipalities the affected residents of which pay, on average, 2.0 percent or less of their household income for sewer service. • Not less than 60 percent for municipalities the affected residents of which pay, on average, more than 2.0 percent, but not more than 2.5 percent, of their household income for sewer service. • Not less than 65 percent for municipalities the affected residents of which pay, on average, more than 2.5 percent, but not more than 3.0 percent, of their household income for sewer service. • Not less than 70 percent for municipalities the affected residents of which pay, on average, more than 3.0 percent, but not more than 3.5 percent, of their household income for sewer service. • Not less than 75 percent for municipalities the affected residents of which pay, on average, more than 3.5 percent of their household income for sewer service. • 	<p>Introduced by Rep. Lori Trahan (D-MA) – May 16, 2019</p>	
<p>H.R. 2871 Aquifer Recharge Flexibility Act</p>	<p>To provide flexibility to allow greater aquifer recharge. Eligible land, with respect to a Reclamation project, means land that is authorized to receive water under State law and shares a groundwater source with land located in the service area of the Reclamation project.</p>	<p>Introduced by Rep. Russ Fulcher (R-ID) – May 21, 2019</p>	
<p>S. 1604 Local Water Protection Act</p>	<p>To amend the Federal Water Pollution Control Act to reauthorize certain programs relating to nonpoint source management – specifically authorization appropriations of \$7,500,000 per year for FY2020 through FY2024.</p>	<p>Introduced by Sen. Amy Klobuchar (D-MN) - May 22, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>S. 1689</u> <u>A bill to permit States to transfer certain funds from the clean water revolving fund of a State to the drinking water revolving fund of the State in certain circumstances, and for other purposes.</u></p>	<p>To permit States to transfer certain funds from the clean water revolving fund of a State to the drinking water revolving fund of the State in certain circumstances, and for other purposes.</p>	<p>Introduced by Sen. Cory Booker (D-NJ) – May 23, 2019 Became Public Law No: 116-63 – October 4, 2019</p>	<p><i>Watching</i></p>
<p><u>S. Res. 213</u> <u>A resolution designating the week of May 19 through May 25, 2019 as “National Public Works Week.”</u></p>	<p>This resolution designates the week of May 19-May 25, 2019, as National Public Works Week.</p>	<p>Introduced by Sen. Jim Inhofe (R-OK) – May 23, 2019 Passed the Senate – May 23, 2019</p>	
<p><u>S. 1811</u> <u>A bill to make technical corrections to the America’s Water Infrastructure Act of 2018</u></p>	<p>To make technical corrections to the America’s Water Infrastructure Act of 2018. Corrections include:</p> <ul style="list-style-type: none"> • Extending the Non-Federal Implementation Pilot Program from five to ten years; and • Amending the local government reservoir permit review to remove the limitation of those only owned and operated by the Secretary. 	<p>Introduced by Sen. John Barrasso (R-WY) Passed the Senate – July 10, 2019</p>	
<p><u>S. 1857</u> <u>Federal Energy and Water Management Performance Act of 2019</u></p>	<p>To amend the National Energy Conservation Policy Act to improve Federal energy and water performance requirements for Federal buildings and establish a Federal Energy Management Program. The program is to exist from 2020-2030. One area addressed is to improve water use efficiency and management, including stormwater management, at facilities of the agency by reducing agency potable water consumption intensity (as measure in galls per gross square food) by 54% by FY2030, relative to the water consumption of the agency in FY2007 and through reductions of 2% each fiscal year.</p>	<p>Introduced by Sen. Lisa Murkowski (R-AK) – June 13, 2019 Placed on Senate Legislative Calendar – September 25, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>H.R. 3254</u> <u>PIPE Act</u></p>	<p>To require the Administrator of the Environmental Protection Agency to establish a discretionary grant program for drinking water and wastewater infrastructure projects, and for other purposes. Priority of the grant program would be to help bring public water systems into compliance with the Safe Drinking Water Act or for publicly owned treatment works into compliance with the Federal Water Pollution Control Act. The federal cost share of projects under this program will not exceed 100%. The grants program is to be authorized for \$500,000,000 a year for fiscal years 2020 through 2029.</p>	<p>Introduced by Rep. Antonio Delgado (D-NY)</p>	
<p><u>S. 1932</u> <u>Drought Resiliency and Water Supply Infrastructure Act</u></p>	<p>To support water infrastructure in Reclamation states and for other purposes. The bill includes a 5-year, \$100 million reauthorization of the Bureau of Reclamation's Title XVI Water Reclamation and Reuse competitive grant program, originally authorized in the 2016 Water Infrastructure Improvements for the Nation (WIIN) Act (Title XVI-WIIN). In addition to the key Title XVI-WIIN Competitive Grant Program, the legislation includes \$60 million for desalination, additional funding for surface and groundwater storage, and a new low-interest loan program for the financing of a range of water infrastructure projects.</p>	<p>Introduced by Sen. Cory Gardner (RCO) – June 20, 2019 Subcommittee hearing held in the Senate – July 18, 2019</p>	
<p><u>H.R. 3423</u> <u>National Green Bank Act of 2019</u></p>	<p>To amend title 31, United States Code, to provide for the issuance of Green Bonds and to establish the United States Green Bank, and for other purposes.</p>	<p>Introduced by Rep. Jim Himes (D-CT) – June 21, 2019</p>	
<p><u>H.R. 3521</u> <u>Wastewater Infrastructure Workforce Investment Act</u></p>	<p>To amend the Federal Water Pollution Control Act with respect to wastewater infrastructure workforce development, and for other purposes. Amends the language from manpower to workforce. Gives the states the ability to reserve up to 1% of the sums allotted to the state under this section for the fiscal year to carry out workforce development, training, and retraining.</p>	<p>Introduced Rep. Greg Stanton (D-AZ) – June 26, 2019</p>	
<p><u>H.R. 3510</u> <u>Water Resources Research Amendments Act</u></p>	<p>To amend the Water Resources Research Act of 1984 to reauthorize grants for and require applied water supply research regarding the water resources research and technology institutes established under that Act.</p>	<p>Introduced by Rep. Josh Harder (D-CA) – June 26, 2019 Subcommittee on Water, Oceans, and Wildlife hearing – July 25, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>S. 2044</u> <u>Water Supply Infrastructure Rehabilitation and Utilization Act</u></p>	<p>To amend the Omnibus Public Land Management Act of 2009 to establish an Aging Infrastructure Account, to amend the Reclamation Safety of Dams Act of 1978 to provide additional funds under that Act, to establish a review of flood control rule curves pilot project within the Bureau of Reclamation, and for other purposes.</p>	<p>Introduced by Sen. Martha McSally (R-AZ) – June 27, 2019</p> <p>Placed on Senate Legislative Calendar – October 29, 2019</p>	
<p><u>S. 2013</u> A bill to protect the right of individuals to bear arms at water resources development projects</p>	<p>To protect the right of individuals to bear arms at water resources development projects.</p>	<p>Introduced by Sen. Mike Crapo (R-ID) – June 27, 2019</p>	<p><i>Watching</i></p>
<p><u>H.R. 3616</u> <u>Clean Water Standards for PFAS Act of 2019</u></p>	<p>To require the Administrator of the Environmental Protection Agency to designate per- and polyfluoroalkyl substances as toxic pollutants under the Federal Water Pollution Control Act, and for other purposes.</p>	<p>Introduced by Rep. Chris Pappas (D-NH) – July 2, 2019</p>	
<p><u>S. 2056</u> <u>Build America, Buy America Act</u></p>	<p>To ensure that certain Federal infrastructure programs require the use of materials produced in the United States, and for other purposes.</p>	<p>Introduced by Sen. Sherrod Brown (D-OH) – July 8, 2019</p>	
<p><u>H.R. 3723</u> <u>Desalination Development Act</u></p>	<p>To promote desalination project development and drought resilience, and for other purposes.</p>	<p>Introduced by Rep. Mike Levin (D-CA) – July 11, 2019</p> <p>Subcommittee on Waters, Oceans, and Wildlife hearing held July 25, 2019.</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>H.R.3779</u> <u>Resilience Revolving Loan Fund Act of 2019</u></p>	<p>To amend the Robert T. Stafford Disaster Relief and Emergency Assistance Act to allow the Administrator of the Federal Emergency Management Agency to provide capitalization grants to eligible entities to establish revolving funds to provide assistance to reduce disaster risks, and for other purposes.</p>	<p>Introduced by Rep. Angie Craig (D-MN) – July 16, 2019</p> <p>Ordered to be Reported (Amended) by Voice Vote – September 19, 2019</p>	
<p><u>H.R. 3844</u> <u>Farmer Fairness Act</u></p>	<p>To amend the Federal Water Pollution Control Act to require all persons exercising substantial operational control over a concentrated animal feeding operation to jointly obtain a permit for certain discharges, and for other purposes.</p>	<p>Introduced by Rep. Ro Khanna (D-CA) – July 18, 2019</p>	
<p><u>S.2187</u> <u>National Flood Insurance Program Reauthorization and Reform Act of 2019</u></p>	<p>To reauthorize the National Flood Insurance Program, and for other purposes.</p>	<p>Introduced by Sen. Robert Menendez (D-NJ) – July 18, 2019</p>	
<p><u>S. 2164</u> <u>Water Resources Research Amendments Act</u></p>	<p>To amend the Water Resources Research Act of 1984 to reauthorize grants for and require applied water supply research regarding the water resources research and technology institutes established under that Act.</p>	<p>Introduced by Sen. Ben Cardin (D-MD) – July 18, 2019</p>	
<p><u>S.2239</u> <u>A bill to codify an Executive order preparing the United States for the impacts of climate change, and for other purposes</u></p>	<p>To codify an Executive order preparing the United States for the impacts of climate change, and for other purposes.</p>	<p>Introduced by Sen. Amy Klobuchar (D-MN) – July 23, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>H.R. 3944</u> <u>To amend the Water Resources Reform and Development Act of 2014 to modify the procedure for communicating certain emergency risks, and for other purposes.</u></p>	<p>To amend the Water Resources Reform and Development Act of 2014 to modify the procedure for communicating certain emergency risks, and for other purposes.</p>	<p>Introduced by Rep. Kevin Hern (R-OK) – July 24, 2019</p>	
<p><u>H.R.3949</u> <u>Safe Drinking Water in Playgrounds and Parks Act</u></p>	<p>To amend the Safe Drinking Water Act to provide for drinking water fountain replacement in playgrounds and parks, and for other purposes.</p>	<p>Introduced by Rep. Grace Meng (D-NY) – July 24, 2019</p>	
<p><u>H.R.4050</u> <u>ZERO WASTE Act</u></p>	<p>To direct the Administrator of the Environmental Protection Agency to award grants for projects that are consistent with zero-waste practices, and for other purposes.</p>	<p>Introduced by Rep. Ilhan Omar (D-MN) – July 25, 2019</p>	
<p><u>H.R.4033</u> <u>Water Justice Act</u></p>	<p>To provide supplemental appropriations for safe and secure water, and for other purposes.</p>	<p>Introduced by Rep. Daniel Kildee (D-MI) – July 25, 2019</p>	
<p><u>H.R.4006</u> <u>CLEANER Act of 2019</u></p>	<p>To require regulation of wastes associated with the exploration, development, or production of crude oil, natural gas, or geothermal energy under the Solid Waste Disposal Act, and for other purposes.</p>	<p>Introduced by Rep. Matt Cartwright (D-PA) – July 26, 2019</p>	
<p><u>H.R.4007</u> <u>Focused Reduction of Effluence and Stormwater runoff through Hydrofracking Environmental Regulation Act of 2019</u></p>	<p>To amend the Federal Water Pollution Control Act and direct the Secretary of the Interior to conduct a study with respect to stormwater runoff from oil and gas operations, and for other purposes.</p>	<p>Introduced by Rep. Matt Cartwright (D-PA) – July 26, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>S.2325</u> <u>Super Pollutants Act</u></p>	<p>To establish a task force to review policies and measures to promote, and to develop best practices for, reduction of short-lived climate pollutants, and for other purposes.</p>	<p>Introduced by Sen. Murphy (D-CT) – July 30, 2019</p> <p>Placed on Senate Legislative Calendar – November 7, 2019</p>	
<p><u>S.2356</u> <u>Define WOTUS Act of 2019</u></p>	<p>To provide a definition of navigable waters, and for other purposes.</p>	<p>Introduced by Mike Braun (R-IN) – July 31, 2019</p>	
<p><u>S. 2353</u> <u>Protecting Firefighters from Adverse Substances Act of 2019</u></p>	<p>To direct the Administrator of the Federal Emergency Management Agency to develop guidance for firefighters and other emergency response personnel on best practices to protect them from exposure to PFAS and to limit and prevent the release of PFAS into the environment, and for other purposes.</p>	<p>Introduced by Sen. Gary Peters (D-MI) – July 31, 2019</p> <p>Committee on Homeland Security and Governmental Affairs. Ordered to be reported without amendment favorably – November 6, 2019</p>	
<p><u>S.2410</u> <u>Flood Reduction, Wildlife Habitat, and Water Quality Improvement Act of 2019</u></p>	<p>To amend the Federal Water Pollution Control Act to modify the requirements for permits for dredged or fill material, and for other purposes.</p>	<p>Introduced by Sen. Cindy Hyde-Smith (R-MS) – July 31, 2019</p>	
<p><u>S.2404</u> <u>Build Local, Hire Local Act</u></p>	<p>To establish an expansive infrastructure program to create local jobs and raise the quality of life in every community, to launch middle class career pathways in infrastructure, and to invest in high-quality American jobs, and for other purposes.</p>	<p>Introduced by Sen. Kirsten Gillibrand (D-NY) – July 31, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>H.R.4143</u> <u>Super Pollutants Act of 2019</u></p>	<p>To establish a task force to review policies and measures to promote, and to develop best practices for, reduction of short-lived climate pollutants, and for other purposes.</p>	<p>Introduced by Rep. Scott Peters (D-CA) – August 2, 2019</p>	
<p><u>H.R. 4149</u> <u>REGION Act</u></p>	<p>To prohibit the closure, consolidation, or elimination of offices of the Environmental Protection Agency.</p>	<p>Introduced by Rep. Debbie Dingell (D-MI) – August 2, 2019</p>	
<p><u>H.R. 4205</u> <u>FLARE Act</u></p>	<p>To require the Secretary of Agriculture to reimburse sponsors for certain costs of emergency water protection measures, and for other purposes.</p>	<p>Introduced by Rep. John Curtis (R-UT) – August 23, 2019</p>	
<p><u>H.R. 4266</u> <u>Clean Water Through Green Infrastructure Act</u></p>	<p>To establish centers of excellence for innovative stormwater control infrastructure, and for other purposes.</p>	<p>Introduced by Rep. Denny Heck (D-WA) – September 10, 2019</p>	
<p><u>S. 2456</u> <u>Clean Water Through Green Infrastructure Act</u></p>	<p>To establish centers of excellence for innovative stormwater control infrastructure, and for other purposes.</p>	<p>Introduced by Sen. Tom Udall (R-NM) – September 10, 2019</p>	
<p><u>S. 2466</u> <u>Water Justice Act</u></p>	<p>To provide supplemental appropriations for safe and secure water, and for other purposes.</p>	<p>Introduced by Sen. Kamala Harris (D-CA) – September 11, 2019</p>	
<p><u>S.2470</u> <u>Energy and Water Development and Related Agencies Appropriations Act, 2020</u></p>	<p>Making appropriations for energy and water development and related agencies for the fiscal year ending September 30, 2020, and for other purposes.</p>	<p>Introduced by Sen. Lamar Alexander (R-TN) – September 12, 2019</p> <p>Placed on Senate Legislative Calendar – September 12, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>H.R.4321</u> <u>GET THE LEAD OUT Act of 2019</u></p>	<p>To eliminate lead-based pipe and tap hazards in housing, and for other purposes.</p>	<p>Introduced by Rep. Tim Ryan (D-OH) – September 12, 2019</p>	
<p><u>H.R.4341</u> <u>Critically Endangered Animals Conservation Act of 2019</u></p>	<p>To assist in the conservation of critically endangered species in foreign countries, and for other purposes.</p>	<p>Introduced by Rep. Jarred Huffman (D-CA) – September 12, 2019</p> <p>Natural Resources Subcommittee on Water, Oceans, and Wildlife hearing held - September 24, 2019</p>	
<p><u>H.R.4347</u> <u>PREPARE Act of 2019</u></p>	<p>To enhance the Federal Government’s planning and preparation for extreme weather and the Federal Government’s dissemination of best practices to respond to extreme weather, thereby increasing resilience, improving regional coordination, and mitigating the financial risk to the Federal Government from such extreme weather, and for other purposes.</p>	<p>Introduced by Rep. Matt Cartwright (D-PA) – September 17, 2019</p> <p>Ordered to be reported by voice vote – September 19, 2019</p>	
<p><u>S.2491</u> <u>Protect America's Wildlife and Fish in Need of Conservation Act of 2019</u></p>	<p>To terminate certain rules issued by the Secretary of the Interior and the Secretary of Commerce relating to endangered and threatened species, and for other purposes.</p>	<p>Introduced by Sen. Tom Udall (D-NM) – September 17, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p>S.2522 Agriculture, Rural Development, Food and Drug Administration, and Related Agencies for the fiscal year ending September 30, 2020, and for other purposes.</p>	<p>Making appropriations for Agriculture, Rural Development, Food and Drug Administration, and Related Agencies for the fiscal year ending September 30, 2020, and for other purposes.</p>	<p>Introduced by Rep. John Hoeven (R-ND) – September 19, 2019</p> <p>Placed on Senate Legislative Calendar – September 19, 2019</p>	
<p>H.R.4348 PAW and FIN Conservation Act of 2019</p>	<p>To terminate certain rules issued by the Secretary of the Interior and the Secretary of Commerce relating to endangered and threatened species, and for other purposes.</p>	<p>Introduced by Rep. Raul Grijalva (D-AZ) – September 24, 2019</p> <p>Natural Resources Subcommittee on Water, Oceans, and Wildlife – September 24, 2019</p>	
<p>S.Res.324 A resolution designating September 29, 2019, as "National Urban Wildlife Refuge Day"</p>	<p>Designating September 29, 2019, as “National Urban Wildlife Refuge Day”.</p>	<p>Introduced by Sen. Cory Gardner (R-CO) – September 24, 2019</p> <p>Resolution agreed to in Senate without amendment and with a preamble by Unanimous Consent – October 16, 2019</p>	
<p>H.R.4483 Localizing Authority of Management Plans Act of 2019</p>	<p>To amend the Endangered Species Act of 1973 to increase State and local involvement in management plans.</p>	<p>Introduced by Rep. Don Young (R-AK) – September 24, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>S.2580</u> <u>Department of the Interior, Environment, and Related Agencies Appropriations Act, 2020</u></p>	<p>Making appropriations for the Department of the Interior, environment, and related agencies for the fiscal year ending September 30, 2020, and for other purposes.</p>	<p>Introduced by Sen. Lisa Murkowski (R-AK) – September 26, 2019</p> <p>Placed on Senate Legislative Calendar – September 26, 2019</p>	
<p><u>H.R.4512</u> <u>Outdoors for All Act</u></p>	<p>To provide grants for projects to acquire land and water for parks and other outdoor recreation purposes and to develop new or renovate existing outdoor recreation facilities.</p>	<p>Introduced by Rep. Nanette Diaz Barragan (D-CA) – September 26, 2019</p>	
<p><u>H.R.4416</u> <u>Lead-Free Future Act of 2019</u></p>	<p>To authorize the Secretary of Housing and Urban Development to award grants to eligible entities to evaluate and reduce lead-based paint hazards, lead in drinking water hazards, and lead in soil hazards in pre-1978 residential real properties.</p>	<p>Introduced by Rep. Jared Golden (D-ME) – October 2, 2019</p>	
<p><u>H.R.4659</u> <u>Water Supply Infrastructure Rehabilitation and Utilization Act</u></p>	<p>To amend the Omnibus Public Land Management Act of 2009 to establish an Aging Infrastructure Account, to amend the Reclamation Safety of Dams Act of 1978 to provide additional funds under that Act, to establish a review of flood control rule curves pilot project within the Bureau of Reclamation, and for other purposes.</p>	<p>Introduced by Rep. Newhouse (R-WA) – October 11, 2019</p>	
<p><u>S.2596</u> <u>Voluntary Water Partnership for Distressed Communities Act of 2019</u></p>	<p>To amend the Safe Drinking Water Act to authorize certain community water systems to enter into partnerships to improve the water systems, and for other purposes.</p>	<p>Introduced by Sen. Tammy Duckworth (D-IL) – October 15, 2019</p>	
<p><u>H.Res.628</u> <u>Expressing support for the designation of the week beginning on October 13, 2019, as National Wildlife Refuge Week</u></p>	<p>Expressing support for the designation of the week beginning on October 13, 2019, as National Wildlife Refuge Week.</p>	<p>Introduced by Rep. Mike Thompson (D-CA) – October 15, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>S.Res.362</u> <u>A resolution designating the week beginning on October 13, 2019, as "National Wildlife Refuge Week"</u></p>	<p>Designating the week beginning on October 13, 2019, as "National Wildlife Refuge Week".</p>	<p>Introduced by Sen. Chris Coons (D-DE) – October 17, 2019</p> <p>Resolution agreed to in Senate without amendment and with a preamble by Unanimous Consent – October 24, 2019</p>	
<p><u>S. 2636</u> <u>Clean Water Infrastructure Resilience and Sustainability Act</u></p>	<p>To amend the Federal Water Pollution Control Act to establish a program to make grants to eligible entities to increase the resilience of publicly owned treatment works to natural hazards, and for other purposes.</p>	<p>Introduced by Sen. Benjamin Cardin (D-MD) – October 17, 2019</p>	
<p><u>H.R. 4723</u> <u>Fish Act of 2019</u></p>	<p>To require the identification of salmon conservation areas, and for other purposes.</p>	<p>Introduced by Rep. Jared Huffman (D-CA) – October 17, 2019</p> <p>House Natural Resources Subcommittee on Water, Oceans, and Wildlife Hearing – January 14, 2020</p>	
<p><u>H.R.4732</u> <u>To establish a Global Climate Change Resilience Strategy, to authorize the admission of climate-displaced persons, and for other purposes</u></p>	<p>To establish a Global Climate Change Resilience Strategy, to authorize the admission of climate-displaced persons, and for other purposes.</p>	<p>Introduced by Rep. Nydia Velasquez (D-NY) – October 17, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p>S.Res.372 <u>A resolution expressing the sense of the Senate that the Federal Government should establish a national goal of conserving at least 30 percent of the land and ocean of the United States by 2030</u></p>	<p>Expressing the sense of the Senate that the Federal Government should establish a national goal of conserving at least 30 percent of the land and ocean of the United States by 2030.</p>	<p>Introduced by Sen. Tom Udall (D-NM) – October 22, 2019</p>	
<p>H.R.4780 <u>National Infrastructure Investment Corporation Act of 2019</u></p>	<p>To establish a Government corporation to provide loans and loan guarantees for infrastructure projects, and for other purposes.</p>	<p>Introduced by Rep. Salud Carbajal (D-CA) – October 22, 2019</p>	
<p>S.2674 <u>Assuring Quality Water Infrastructure Act</u></p>	<p>To amend the Safe Drinking Water Act to establish a grant program for improving infrastructure asset management by small public water systems, and for other purposes.</p>	<p>Introduced by Sen. Shelley Capito (R-WV) – October 23, 2019</p>	
<p>S. 2687 <u>Low-Income Water Customer Assistance Programs Act of 2019</u></p>	<p>To amend the Safe Drinking Water Act and the Federal Water Pollution Control Act to establish pilot programs to assist low-income households in maintaining access to sanitation services and drinking water, and for other purposes.</p>	<p>Introduced by Sen. Benjamin Cardin (D-MD) – October 23, 2019</p>	
<p>H.R.4832 <u>Low-Income Water Customer Assistance Programs Act of 2019</u></p>	<p>To amend the Safe Drinking Water Act and the Federal Water Pollution Control Act to establish pilot programs to assist low-income households in maintaining access to sanitation services and drinking water, and for other purposes.</p>	<p>Introduced by Rep. Marcia Judge (D-OH) – October 23, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>H.R.4891</u> <u>Western Water Security Act of 2019</u></p>	<p>To provide for the conduct of certain water security measures in the Western United States, and for other purposes.</p>	<p>Introduced by Rep. Xochitl Torres Small (D-NM) – October 28, 2019</p>	
<p><u>S.2767</u> <u>A bill to amend the Federal Water Pollution Control Act to establish a pilot competitive grant program for improving the sharing of water quality data, and for other purposes</u></p>	<p>To amend the Federal Water Pollution Control Act to establish a pilot competitive grant program for improving the sharing of water quality data, and for other purposes.</p>	<p>Introduced by Sen. Doug Jones (D-AL) – October 31, 2019</p>	
<p><u>S.2783</u> <u>Responsibly Enhancing America's Landscapes Act</u></p>	<p>To amend title 54, United States Code, to establish, fund, and provide for the use of amounts in a National Park Service Legacy Restoration Fund to address the maintenance backlog of the National Park Service, and for other purposes.</p>	<p>Introduced by Sen. Michael Enzi (R-WY) – November 5, 2019</p>	
<p><u>S.2799</u> <u>Nexus of Energy and Water for Sustainability Act of 2019</u></p>	<p>To require the Secretary of Energy and the Secretary of the Interior to establish a joint Nexus of Energy and Water Sustainability Office, and for other purposes.</p>	<p>Introduced by Sen. Lisa Murkowski (R-AK) – November 6, 2019 Sen. Murkowski from Committee on Energy and Natural Resources filed written report – January 7, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>S.2792</u> <u>Penny Plan to Enhance Infrastructure Act of 2019</u></p>	<p>To amend the Balanced Budget and Emergency Deficit Control Act of 1985 to establish a discretionary spending limit for infrastructure spending.</p>	<p>Introduced by Sen. Rand Paul (R-KY) – November 6, 2019</p>	
<p><u>S.2862</u> <u>Drought Relief through Innovative Projects Act of 2019</u></p>	<p>To direct the Secretary of Agriculture to establish a grant program to remove nonnative plant species that contribute to drought conditions, and for other purposes.</p>	<p>Introduced by Sen. Krysten Sinema (D-AZ)-November 14, 2019</p>	
<p><u>H.R.5095</u> <u>Endangered Species Accountability Reform Act</u></p>	<p>To require the Secretary of the Interior to delist certain endangered species and threatened species.</p>	<p>Introduced by Rep.Rep. Blaine Luetkemeyer (R-MO) – November 14, 2019</p>	
<p><u>H.R.5120</u> <u>SAFER Pipelines Act of 2019</u></p>	<p>To amend title 49, United States Code, to provide enhanced safety and environmental protection in pipeline transportation, and for other purposes.</p>	<p>Introduced by Rep. Peter DeFazio (D-OR) – November 20, 2019</p>	
<p><u>H.R.5176</u> <u>Climate Resiliency Service Corps Act of 2019</u></p>	<p>To amend the National and Community Service Act of 1990 to establish a climate resiliency service corps to help communities withstand and respond to changes in the Earth’s climate with respect to natural disasters, and for other purposes.</p>	<p>Introduced by Rep. Judy Chu (D-CA) – November 19, 2019</p>	
<p><u>H.R.5193</u> <u>Buy America for Drinking Water Extension Act of 2019</u></p>	<p>To amend the Safe Drinking Water Act to extend and expand the provision requiring the use of iron and steel products that are produced in the United States in projects funded through a State drinking water treatment revolving loan fund.</p>	<p>Introduced by Rep. Cheri Bustos (D-IL) – November 20, 2019</p>	
<p><u>H.R.5217</u> <u>WOW Act</u></p>	<p>To provide for western water security, reliability, modernization, and abundance, and for other purposes.</p>	<p>Introduced by Rep. Tom McClintock (R-CA) – November 21, 2019</p>	
<p><u>H.R.5288</u> <u>Upper Mississippi River Flood Control Act</u></p>	<p>To amend the Water Resources Development Act of 1999 to direct the Secretary of the Army to develop a plan to address water resource problems in the Upper Mississippi River Basin, and for other purposes.</p>	<p>Introduced by Rep. Blaine Luetkemeyer (R-MO) – December 3, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>S.2978</u> <u>Energy and Water Research Integration Act of 2019</u></p>	<p>To ensure consideration of water intensity in the Department of Energy’s energy research, development, and demonstration programs to help guarantee efficient, reliable, and sustainable delivery of energy and clean water resources.</p>	<p>Introduced by Sen. Catherine Cortez Masto (D-NV) – December 4, 2019</p>	
<p><u>S. 2980</u> <u>Clean Water Standards for PFAS Act of 2019</u></p>	<p>To require the promulgation of certain standards for perfluoroalkyl and polyfluoroalkyl substances under the Federal Water Pollution Control Act, and for other purposes.</p>	<p>Introduced by Sen. Kirsten Gillibrand (D-NY) – December 4, 2019</p>	
<p><u>H.R.5302</u> <u>Western Water Recycling and Drought Relief Act</u></p>	<p>To amend the Reclamation Wastewater and Groundwater Study and Facilities Act to authorize certain recycled water projects, and for other purposes.</p>	<p>Introduced by Rep. Jerry McNerney (D-CA) – December 4, 2019</p>	
<p><u>H.R. 5303</u> <u>California Central Coast Conservation Act</u></p>	<p>To establish a moratorium on oil and gas leasing on public land on the Central Coast of California.</p>	<p>Introduced by Rep. Jimmy Panetta (D-CA) – December 4, 2019</p>	
<p><u>H.R.5316</u> <u>Move Water Now Act</u></p>	<p>To provide for the restoration of the original carrying capacity of canals impacted by land subsidence, and for other purposes.</p>	<p>Introduced by Rep. TJ Cox (D-CA) – December 5, 2019</p>	
<p><u>H.R.5347</u> <u>Disadvantaged Community Drinking Water Assistance Act</u></p>	<p>To require the Secretary of the Interior to establish a grant program to close gaps in access to safe drinking water in disadvantaged communities, and for other purposes.</p>	<p>Introduced by Rep. TJ Cox (D-CA) – December 6, 2019</p>	
<p><u>H.R.5361</u> <u>Safe Drinking Water Assistance Act of 2019</u></p>	<p>To improve and coordinate interagency Federal actions and provide assistance to States for responding to public health challenges posed by emerging contaminants, and for other purposes.</p>	<p>Introduced by Rep. Lisa Blunt Rochester (D-DE) – December 9, 2019</p>	
<p><u>S.3044</u> <u>Western Tribal Water Infrastructure Act of 2019</u></p>	<p>To amend the America’s Water Infrastructure Act of 2018 to expand the Indian reservation drinking water program, and for other purposes.</p>	<p>Introduced by Sen. Ron Wyden (D-OR) – December 12, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>S.3046</u> <u>Wastewater Efficiency and Treatment Act of 2019</u></p>	<p>To amend the Energy Policy Act of 2005 to establish a program to provide grants and loan guarantees to improve the energy efficiency of publicly owned wastewater treatment facilities, and for other purposes.</p>	<p>Introduced by Sen. Jeff Merkley (D-OR) – December 12, 2019</p>	
<p><u>S.3051</u> <u>America's Conservation Enhancement Act</u></p>	<p>To improve protections for wildlife, and for other purposes.</p>	<p>Introduced by John Barrasso (R-WY) – December 12, 2019</p>	
<p><u>H.R.5430</u> <u>United States-Mexico-Canada Agreement Implementation Act</u></p>	<p>To implement the Agreement between the United States of America, the United Mexican States, and Canada attached as an Annex to the Protocol Replacing the North American Free Trade Agreement.</p>	<p>Introduced by Rep. Steny Hoyer (D-MD) December 13, 2019 Presented to the President – January 22, 2020</p>	
<p><u>S.3052</u> <u>United States-Mexico-Canada Agreement Implementation Act</u></p>	<p>To implement the Agreement between the United States of America, the United Mexican States, and Canada attached as an Annex to the Protocol Replacing the North American Free Trade Agreement.</p>	<p>Introduced by Sen. Chuck Grassley (R-IA) – December 16, 2019</p>	
<p><u>H.R.5435</u> <u>American Public Lands and Waters Climate Solution Act of 2019</u></p>	<p>To require the Secretary of the Interior and the Chief of the United States Forest Service to meet certain targets for the reduction of the emission of greenhouse gases, and for other purposes.</p>	<p>Introduced by Rep. Raul Grijalva (D-AZ) – December 16, 2019</p>	
<p><u>H.R.5445</u> <u>Critical Infrastructure Act of 2019</u></p>	<p>To amend the Endangered Species Act of 1973 to encourage the construction of critical infrastructure, and for other purposes.</p>	<p>Introduced by Rep. Chris Stewart (R-UT) – December 17, 2019</p>	
<p><u>S. 3082</u> <u>LEVEE Act</u></p>	<p>To establish a program to establish permanent features for flood control in areas in which temporary features have been constructed, and for other purposes.</p>	<p>Introduced by Sen. Kirsten Gillibrand (D-NY) – December 18, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>H.R.5504</u> <u>To amend the National Dam Safety Program Act with respect to the definition of eligible high hazard potential dam, and for other purposes</u></p>	<p>To amend the National Dam Safety Program Act with respect to the definition of eligible high hazard potential dam, and for other purposes.</p>	<p>Introduced by Rep. Julia Brownley (D-CA) – December 19, 2019</p>	
<p><u>H.R.5513</u> <u>Affordable Safe Drinking Water Act of 2019</u></p>	<p>To amend the Federal Water Pollution Control Act and the Safe Drinking Water Act to modify the payment periods of loans from State revolving funds under those Acts, and for other purposes.</p>	<p>Introduced by Rep. Joseph Kennedy (D-MA) – December 20, 2019</p>	
<p><u>H.R.5539</u> <u>Clean Water Standards for PFAS Act of 2020</u></p>	<p>To require the Administrator of the Environmental Protection Agency to review and develop effluent standards, pretreatment standards, and water quality criteria for PFAS under the Federal Water Pollution Control Act, to provide Federal grants to publicly owned treatment works to implement standards, and for other purposes.</p>	<p>Introduced by Rep. Chris Pappas (D-NH) – January 3, 2020</p>	
<p><u>H.R. 5540</u> <u>PFAS Transparency Act</u></p>	<p>To require, pursuant to the Federal Water Pollution Control Act, disclosure of the introduction of perfluoroalkyl or polyfluoroalkyl substances into treatment works, and for other purposes.</p>	<p>Introduced by Rep. Antonio Delgado (D-NY) – January 3, 2020</p>	
<p><u>S.3160</u> <u>Affordable Safe Drinking Water Act of 2020</u></p>	<p>To amend the Federal Water Pollution Control Act and the Safe Drinking Water Act to modify the payment periods of loans from State revolving funds under those Acts, and for other purposes.</p>	<p>Introduced by Sen. Elizabeth Warren (D-MA) – January 8, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>S.3171</u> <u>Protect and Restore America's Estuaries Act</u>	To amend the Federal Water Pollution Control Act to reauthorize the National Estuary Program, and for other purposes.	Introduced by Sen. Whitehouse (D-RI) – January 9, 2020	
<u>S.3176</u> <u>United States-Israel Security Assistance Authorization Act of 2020</u>	To amend the Foreign Assistance Act of 1961 and the United States-Israel Strategic Partnership Act of 2014 to make improvements to certain defense and security assistance provisions and to authorize the appropriations of funds to Israel, and for other purposes.	Introduced by Sen. Marco Rubio (R-FL) – January 9, 2020	
<u>H.R.5579</u> <u>LIST Act of 2020</u>	To amend the Endangered Species Act of 1973 to provide for improved precision in the listing, delisting, and downlisting of endangered species and potentially endangered species.	Introduced by Rep. Greg Gianforte (R-MT) – January 10, 2020	
<u>H.R. 5580</u> <u>Bring ESA Into the 21st Century Act</u>	To codify certain rules issued by the Secretary of the Interior and the Secretary of Commerce relating to endangered species and threatened species, and for other purposes.	Introduced by Rep. Paul Gosar (R-AZ) – January 10, 2020	
<u>H.R.5588</u> <u>WHOLE Act of 2020</u>	To amend the Endangered Species Act of 1973 to provide for consideration of the totality of conservation measures in determining the impact of proposed Federal agency action.	Introduced by Rep. Dan Newhouse (R-WA) – January 13, 2020	
<u>H.R. 5585</u> <u>Listing Reform Act</u>	To amend the Endangered Species Act of 1973 to require review of the economic cost of adding a species to the list of endangered species or threatened species, and for other purposes.	Introduced by Rep. Pete Olson (R-TX) – January 13, 2020	
<u>H.R.5591</u> <u>Critical Habitat Improvement Act</u>	To amend the Endangered Species Act of 1973 to add requirements to the designation of areas as critical habitats, and for other purposes.	Introduced by Rep. Mike Johnson (R-LA) – January 13, 2020	
<u>H.R. 5594</u> <u>EMPOWERS Act of 2020</u>	To provide for greater county and State consultation with regard to petitions under the Endangered Species Act of 1973, and for other purposes.	Introduced by Rep. Jason Smith (R-MO) – January 13, 2020	
<u>H.R. 5595</u> <u>Israel Anti-Boycott Act</u>	To impose additional prohibitions relating to foreign boycotts under Export Control Reform Act of 2018, and for other purposes.	Introduced by Rep. Lee Zeldin (R-NY) – January 13, 2020	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>H.R. 5601</u> <u>Property Rights Protection Act of 2020</u></p>	<p>To protect private property rights, and for other purposes.</p>	<p>Introduced by Rep. Ralph Norman (R-SC) – January 14, 2020</p>	
<p><u>H.R. 797</u> <u>Encouraging the Environmental Protection Agency to maintain and strengthen requirements under the Clean Water Act and reverse ongoing administrative actions to weaken this landmark law and protections for United States waters</u></p>	<p>Encouraging the Environmental Protection Agency to maintain and strengthen requirements under the Clean Water Act and reverse ongoing administrative actions to weaken this landmark law and protections for United States waters.</p>	<p>Introduced by Rep. Debbie Dingell (D-MI) – January 14, 2020</p>	
<p><u>H.R. 5598</u> <u>Boundary Waters Wilderness Protection and Pollution Prevention Act</u></p>	<p>To provide for the protection of the Boundary Waters Canoe Area Wilderness and interconnected Federal lands and waters, including Voyageurs National Park, within the Rainy River Watershed in the State of Minnesota, and for other purposes.</p>	<p>Introduced by Rep. Betty McCollum (D-MN) – January 14, 2020</p>	
<p><u>H.R. 5606</u> <u>Desert National Wildlife Refuge and Nevada Test and Training Range Withdrawal and Management Act</u></p>	<p>To extend the withdrawal and reservation of certain public land in the State of Nevada for the continued use of the Nevada test and training range, to designate certain land in the Desert National Wildlife Refuge as wilderness, and for other purposes.</p>	<p>Introduced by Rep. Steven Horsford (D-NV) – January 15, 2020</p>	
<p><u>H.R. 5615</u> <u>TREES Act</u></p>	<p>To establish a grant program to assist retail power providers with the establishment and operation of energy conservation programs using targeted residential tree-planting programs, and for other purposes.</p>	<p>Introduced by Rep. Doris Matsui (D-CA) – January 15, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p>S. 3208 Regulatory Accountability Act</p>	<p>To improve agency rulemaking, and for other purposes.</p>	<p>Introduced by Sen. Rob Portman (R-OH) – January 16, 2020</p>	
<p>H.R. 5638 American Sovereignty and Species Protection Act</p>	<p>To amend the Endangered Species Act to prevent a species that is not native to the United States from being listed as an endangered species or a threatened species, to prohibit certain types of financial assistance, and for other purposes.</p>	<p>Introduced by Rep. Andy Biggs (R-AZ) - January 16, 2020</p>	
<p>S. 3211 Clean Water Allotment Modernization Act</p>	<p>To amend the Federal Water Pollution Control Act to modify certain allotments under that Act, and for other purposes.</p>	<p>Introduced by Sen. Marco Rubio (R-FL) – January 16, 2020</p>	
<p>H.R. 5628 Clean Water Allotment Modernization Act</p>	<p>To amend the Federal Water Pollution Control Act to modify certain allotments under that Act, and for other purposes.</p>	<p>Introduced by Rep. Michael Waltz (R-FL) – January 17, 2020</p>	
<p>H.R. 5636 Transparency in Energy Production Act of 2020</p>	<p>To provide for the accurate reporting of fossil fuel extraction and emissions by entities with leases on public land, and for other purposes.</p>	<p>Introduced by Rep. Alan Lowenthal (D-CA) – January 16, 2020</p>	
<p>H.R. 5650 Federal Energy and Water Management Performance Act of 2020</p>	<p>To amend the National Energy Conservation Policy Act to improve Federal energy and water performance requirements for Federal buildings and establish a Federal Energy Management Program.</p>	<p>Introduced by Rep. Peter Welch (D-VT) – January 16, 2020</p>	
<p>H.R. 5653 Green Federal Fleet Act</p>	<p>To prohibit Federal agencies from purchasing or leasing new vehicles that are not zero-emission vehicles, and for other purposes.</p>	<p>Introduced by Rep. Julia Brownley (D-CA) – January 17, 2020</p>	
<p>S. 3221 Farm System Reform Act of 2019</p>	<p>To place a moratorium on large concentrated animal feeding operations, to strengthen the Packers and Stockyards Act, 1921, to require country of origin labeling on beef, pork, and dairy products, and for other purposes.</p>	<p>Introduced by Sen. Cory Booker (D-NJ) – January 21, 2020</p>	

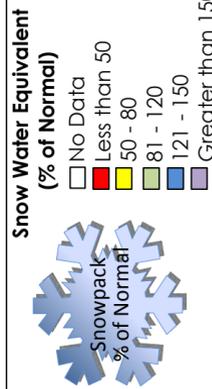
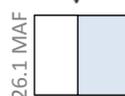
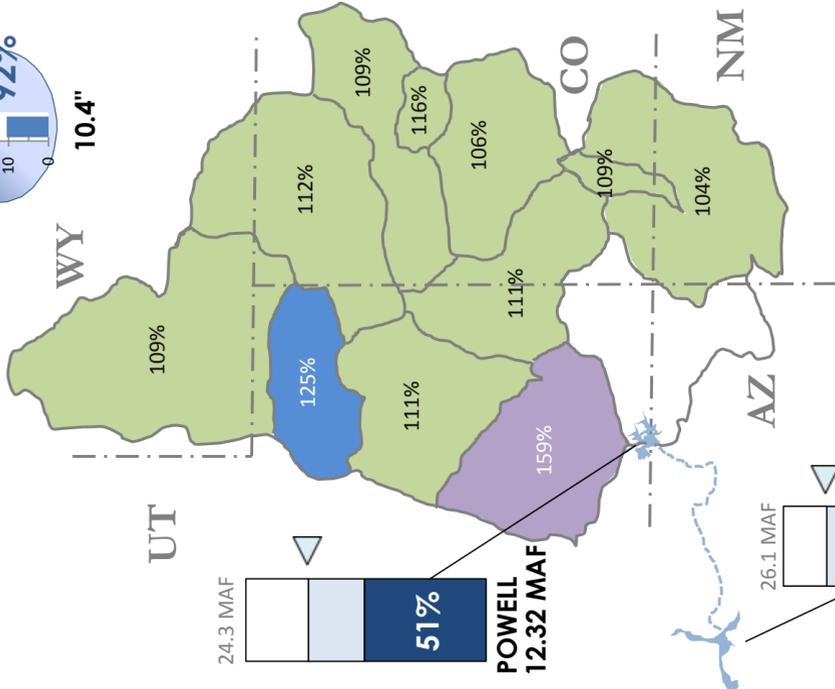
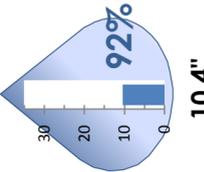


Water Supply Conditions Report

As of: 01/26/2020

2020 Colorado River

988,000 AF
79% of full CRA
Does not include storage withdrawals

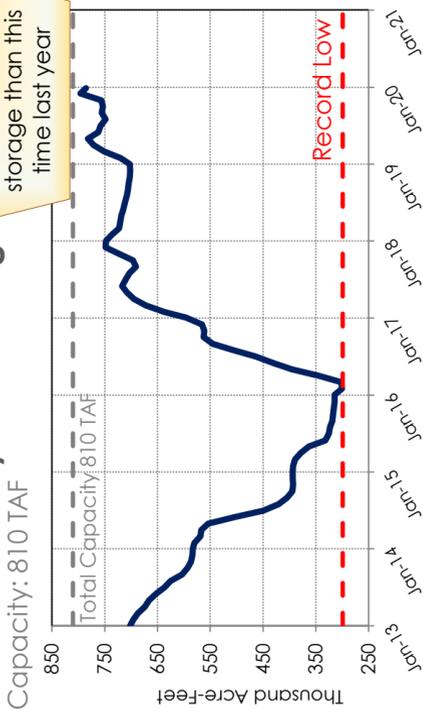


Turn page for more CRA Data Flip Over for SWP Data

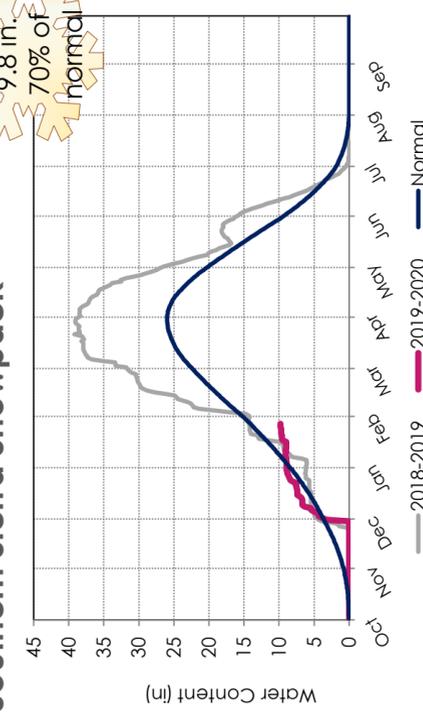
Highlights

- Precipitation at the 8-Station is at 67% of normal
- Snow in the Northern Sierra is at 79% of normal
- Precipitation and snow in the Upper Colorado River Basin are respectively at 92% and 113% of normal

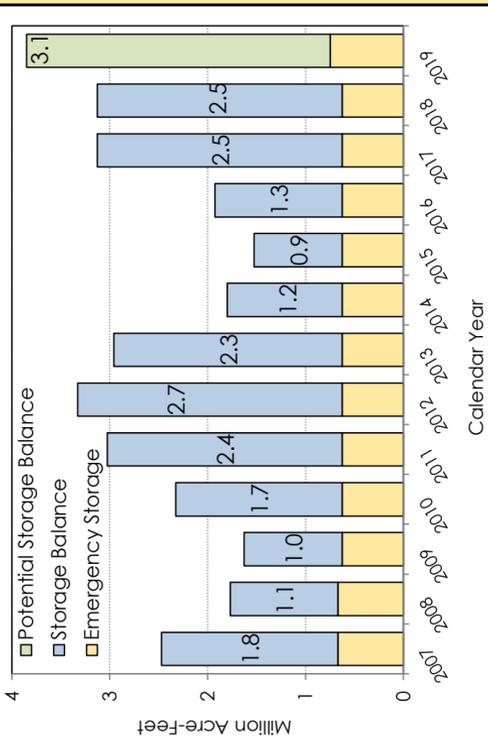
Diamond Valley Lake Storage



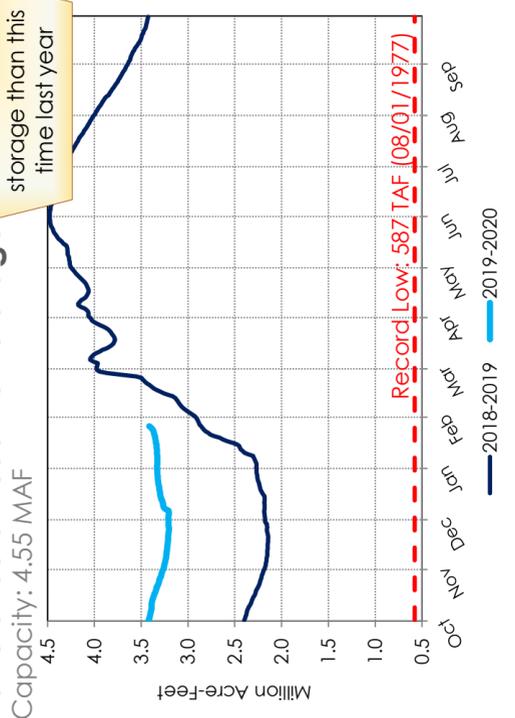
Southern Sierra Snowpack



MWD Storage Reserve Levels



Lake Shasta Reservoir Storage



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

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

This report is best printed double sided on legal size paper (8.5" x 14") and folded in quarters. Questions? Email mferreira@mwdh2o.com

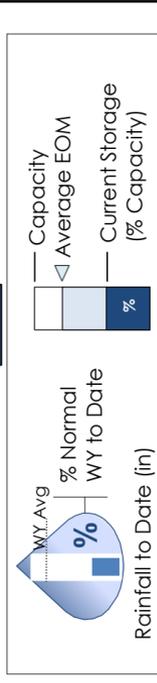
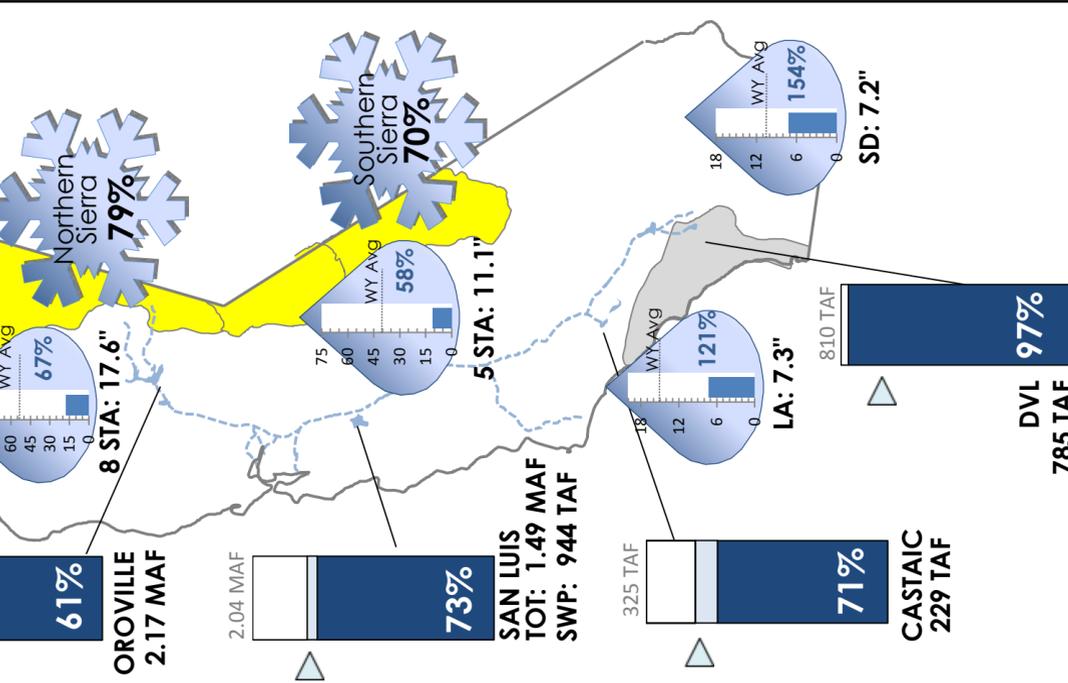


Water Supply Conditions Report

As of: 01/26/2020

2020 SWP Allocation

286,725 AF
15% of Table A



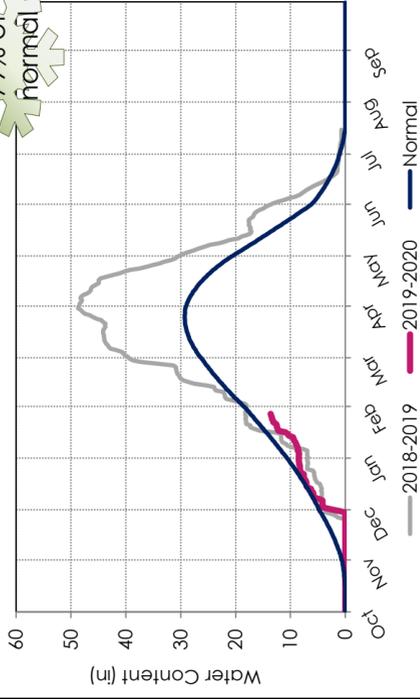
Flip Over for CRA Data Turn page for more SWP Data

State Water Project Resources

As of: 01/26/2020

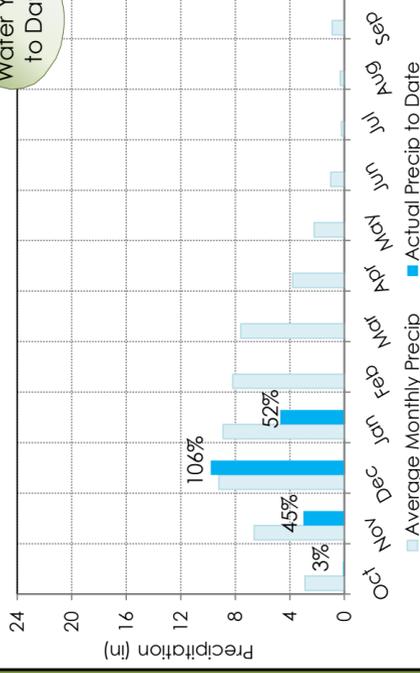
Northern Sierra Snowpack

13.6 in.
79% of normal



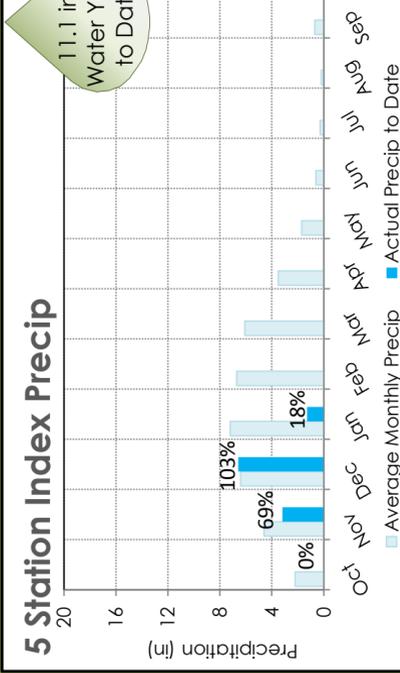
8 Station Index Precip

17.6 in.
Water Year to Date



5 Station Index Precip

11.1 in.
Water Year to Date

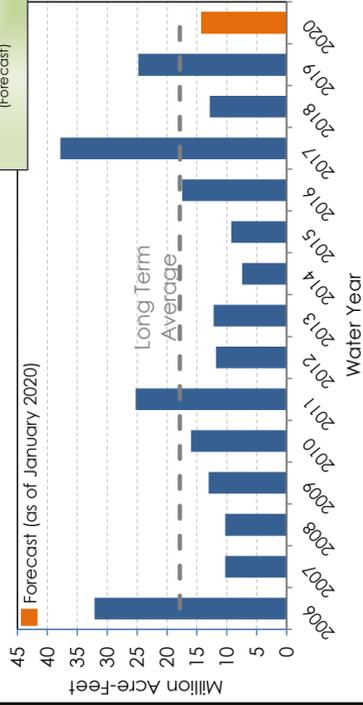


Other SWP Contract Supplies for 2020 (AF)

Article 21	TBD
Carryover	TBD
Article 14b	TBD

Sacramento River Runoff

WY 2020 (Forecast)
80% of normal

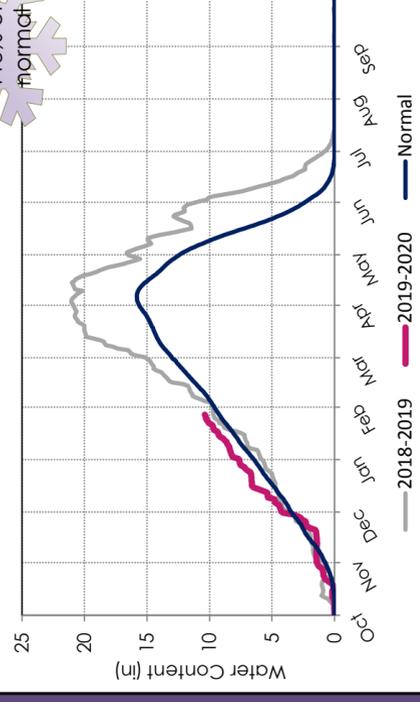


Colorado River Resources

As of: 01/26/2020

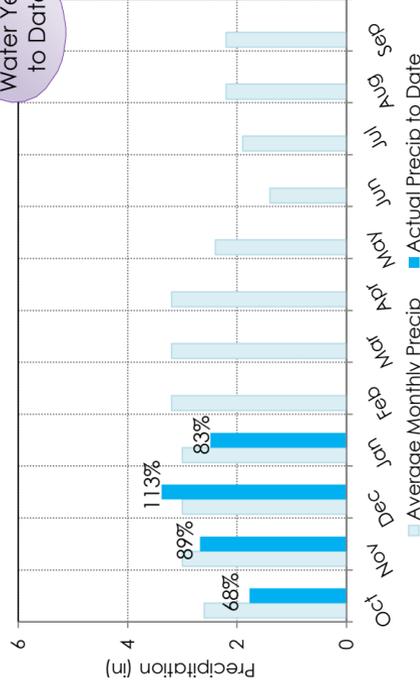
Upper Colorado Basin Snowpack

10.4 in.
113% of normal



Upper Colorado Basin Precip

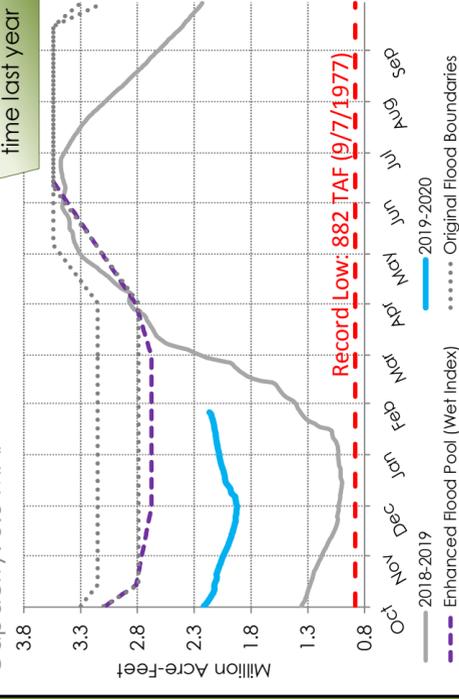
10.4 in.
Water Year to Date



Oroville Reservoir Storage

802 TAF more in storage than this time last year

Capacity: 3.5 MAF



2020 Colorado River Ag Use

Chart Pending

Lake Powell Storage

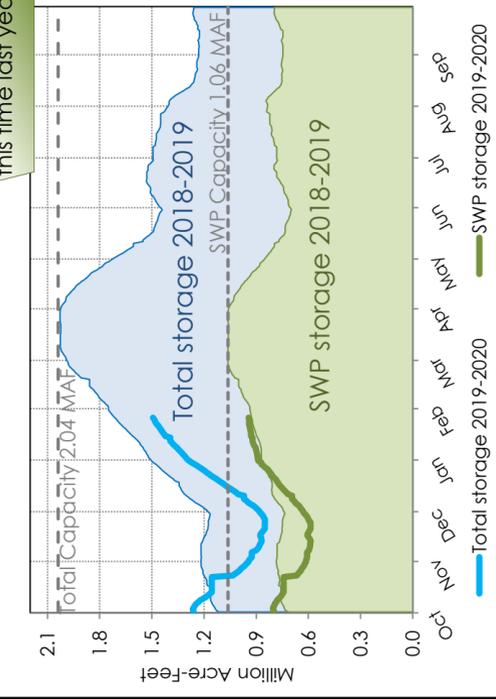
Capacity: 24.3 MAF



San Luis Reservoir Storage

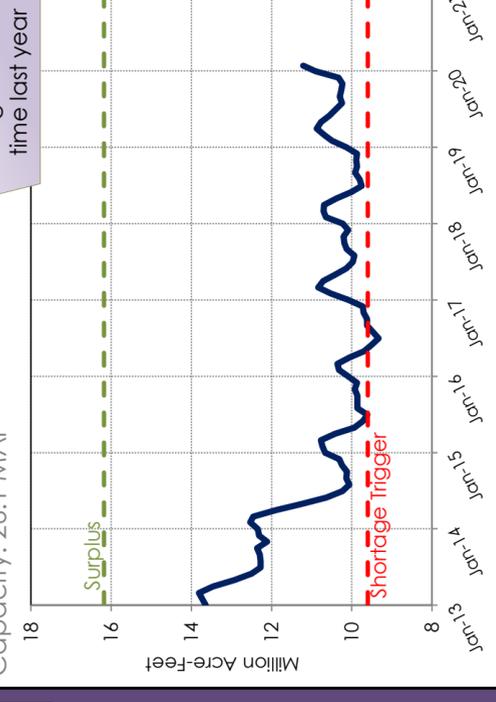
17 TAF more in SWP storage than this time last year

Capacity: 2.04 MAF



Lake Mead Storage

Capacity: 26.1 MAF



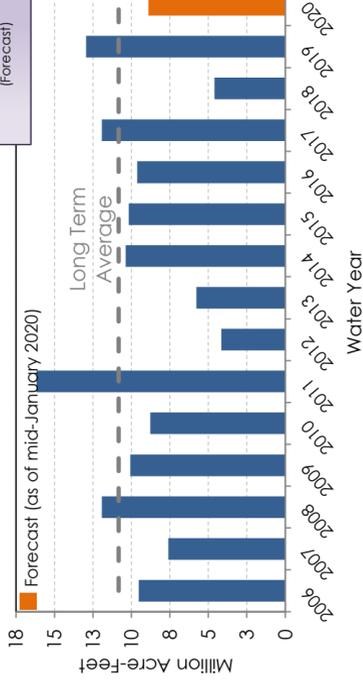
Lake Mead Shortage/Surplus Outlook

	2020	2021	2022	2023	2024
Shortage	0%	4%	24%	37%	43%
Surplus	0%	0%	7%	12%	19%

Likelihood based on results from the August 2019 CRSS model run. Includes DCP Contributions.

Powell Unregulated Inflow

WY 2020 (Forecast)
82% of normal





February 4, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: General Manager

Subject : Attendance at MWD Board and Committee Meetings

SUMMARY:

Director Lynda Lo-Hill has been attending Metropolitan Water District of Southern California (MWD) Board and/or Committee meetings to enhance her knowledge of MWD activities and the role of the District's MWD Representative. She recently requested that the Board consider authorizing her attendance at these meetings as a day of service, which would qualify for per diem compensation and expense reimbursement.

RECOMMENDATION(S):

Consider the request by Director Lynda Lo-Hill that her attendance at MWD Board and Committee meetings be authorized as a day of service, which would qualify for per diem compensation and expense reimbursement.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

No

FINANCIAL IMPACT:

The financial impact of this action is dependent on the number of meetings attended per month, which could be up to three. For each day of service, the cost is estimated to be approximately \$280, including per diem compensation, mileage and parking reimbursement.

DISCUSSION:

The Las Virgenes Municipal Water District Code, Section 2-2.106 and 2-2.107, establish the

District's policy for per diem compensation and expense reimbursement for the directors conducting District business. Historically, it has been considered District business for the MWD Representative to attend MWD Committee and Board meetings, which allowed for payment of a per diem and reimbursement of any expenses. However, the same rationale has not been applied to other Board Members who do not currently serve as the District's MWD Representative and choose to attend MWD Committee and/or Board meetings.

Based on the request from Director Lo-Hill, staff recommends that the Board consider authorizing her attendance at MWD Board and Committee meetings as a day of service. If approved, Director Lo-Hill would still only be eligible for 10 per diem events per month in accordance with the Las Virgenes Municipal Water District Code.

GOALS:

Provide Safe and Quality Water with Reliable Services

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



February 4, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: General Manager

Subject : Local Agency Formation Commission: Election of Special District Representative

SUMMARY:

On January 8, 2020, the District received notification from Lagerlof Senecal Gosney & Kruse, LLP, on behalf of the Local Agency Formation Commission (LAFCO), that ballots for LAFCO's Special District Representative must be returned by April 16, 2020. There are two candidates for the position of Special District Representative: (1) Donald L. Dear, and (2) Sharon Raghavachary. Information on the candidates is provided with the attached ballot package. Currently, Donald L. Dear of West Basin Municipal Water District serves as one of the Special District Representatives. His term expires on May 4, 2020.

RECOMMENDATION(S):

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 16, 2020.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

FINANCIAL IMPACT:

There is no financial impact associated with this action.

Prepared by: David W. Pedersen, General Manager

ATTACHMENTS:

LAFCO Ballot Package

*Lagerlof Senecal
Gosney & Kruse, LLP*

RECEIVED
JAN 05 2020
BY: [Signature]
301 NORTH LAKE AVENUE, 10TH FLOOR
PASADENA, CALIFORNIA 91101
PHONE: (626) 793-9400 ! FAX (626) 793-5900

William F. Kruse
E-MAIL: WFKRUSE@lagerlof.com

TO: PRESIDING OFFICER OF EACH INDEPENDENT SPECIAL DISTRICT IN
LOS ANGELES COUNTY

FROM: WILLIAM F. KRUSE

RE: BALLOT; SPECIAL DISTRICT LAFCO REPRESENTATIVE

DATE : JANUARY 3, 2020

Enclosed is the Ballot and the supplementary materials submitted for each of the candidates for Special District LAFCO REPRESENTATIVE for the term expiring in May 2020. Nominations closed as of 5:00 p.m. on December 27, 2019.

Please vote for ONE candidate. The marked ballots should be placed in the envelope marked "Ballot Envelope." Please write the name of your agency and sign your name on the outside of the ballot envelope and return the completed ballots by mail to:

**William F. Kruse, Esq.
Lagerlof, Senecal, Gosney & Kruse, LLP
301 N. Lake Avenue, 10th Floor
Pasadena, CA 91101-5123.**

No ballot will be counted if it is missing the name of the voting agency and the signature of the Presiding Officer on the ballot envelope.

The candidate receiving the highest number of votes will be declared the special district representative to LAFCO.

Ballots must be returned by 5:00 p.m. on April 16, 2020.

WFK/jlb
Enclosures

cc: Paul Novak, w/enc.

BALLOT

SPECIAL DISTRICT LAFCO REPRESENTATIVE

Please vote for no more than one candidate.

DONALD L. DEAR

Occupation: Water District Director
Sponsor: West Basin Municipal Water District

SHARON RAGHAVACHARY

Occupation: Water District Director
Sponsor: Crescenta Valley Water District

NOMINATION
OF
INDEPENDENT SPECIAL DISTRICT ~~REPRESENTATIVE~~
TO THE
LOS ANGELES COUNTY LOCAL AGENCY FORMATION COMMISSION

To: Independent Special District Selection Committee

From: West Basin Municipal Water District

Date: October 28, 2019

Name of Candidate: Donald L. Dear

West Basin Municipal Water District is pleased to nominate

Donald L. Dear as a candidate for appointment as special district **REPRESENTATIVE** to the Los Angeles Local Agency Formation Commission. The nominee is an elected official or a member of the board of an independent special district appointed for a fixed term. For your consideration, we submit the following additional information together with a resume of the candidate's qualifications.

Elective office: Division 5 Director

Agency: West Basin Municipal Water District

Type of Agency: Water Wholesaler

Term Expires: December 2020

Residence Address: 15433 Catalina Ave, Gardena, CA 90247

Telephone: (310) 704-0881

PLEASE ATTACH RESUME OR CANDIDATE STATEMENT (limit one page)

West Basin Municipal Water District

(Name of Agency)

By: Patrick Sheilds

Its: General Manager

Patrick Sheilds 10/31/19



Donald L. Dear

Immediate Past President, West Basin Municipal Water District Board of Directors
Division V



Donald L. Dear was elected to the West Basin Municipal Water District (West Basin) Board of Directors in November 2000. He is currently serving his fifth term after being re-elected in November 2016. He represents the Division V cities of Gardena, Hawthorne, Lawndale and the unincorporated Los Angeles County area of El Camino Village.

Director Dear came to the Board with a vast array of experience in public service, serving on the Gardena City Council from 1970 to 1974 and again from 1978 to 1982, as well as serving as the Gardena mayor for nine consecutive terms from 1982 to 2001. He retired with 27 years of total service to the City of Gardena. Director Dear is currently serving as Immediate Past President of the Board and Chair of the Ethics Committee. He previously served as one of two West Basin representatives on the board of directors of the Metropolitan Water District of

Southern California from 2013 to 2018.

In 2004, 2008, 2012 and again in 2016, he was elected as one of the representatives for the Los Angeles County Independent Special Districts on the Local Agency Formation Commission, of which he currently serves as First Vice President. In October 2011, the West Basin Board paid tribute to Dear's distinguished public service by naming their Carson Headquarters the Donald L. Dear Building.

Director Dear's years of experience have given him a deep first-hand understanding of the roles, responsibilities and challenges facing local governmental institutions. He served for 24 years as a Trustee of the Greater Los Angeles Vector Control District, and for 19 years on the Board of Directors for the Los Angeles County Sanitation District No. 5. He also served as President of the South Bay Cities Association (now known as South Bay Cities Council of Governments), on the Board of Directors of the Southern California Cities Joint Powers Consortium and is a member of the Sierra Club.

As a former teacher at Stephen White Middle School in Carson for 38 years, he is well known and widely respected by his former students, colleagues and members of the community. In 1983 he was "Teacher of the Year" for Region A of the Los Angeles Unified School District. Dear's professional affiliations include his service as a member of the National Council for Social Studies, board member of the Political Action Council of Educators, and six terms of service as a member of the House of Representatives of the United Teachers of Los Angeles (UTLA). His civic affiliations include the Association for Retarded Citizens – South Bay, El Nido Services, Gardena Elks, Gardena High School Booster Club, Gardena Jaycees, Gardena Valley Cultural Arts Corporation, Gardena Valley Friends of the Library, Gardena Valley Music Association, Gardena Valley Red Cross, Gardena-Carson Family YMCA, Hollypark and Gardena Valley Lions Club, Kiwanis Club of Gardena Valley, Serra High School Advisory Board, and the University of Southern California San Pedro Peninsula Trojan Club.

Director Dear has also distinguished himself through his outstanding work with youth, not only as a noteworthy educator, but also for his 30 years of unselfish dedication as a coach for more than 70 teams in three sports through the Gardena Recreation Department Youth Sports Leagues.

NOMINATION
OF
INDEPENDENT SPECIAL DISTRICT REPRESENTATIVE
TO THE
LOS ANGELES COUNTY LOCAL AGENCY FORMATION COMMISSION

To: Independent Special District Selection Committee
From: President James P. Bodnar and Member of the Board of Directors
Date: December 3, 2019

Name of Candidate: Sharon Raghavachary
The Board of Directors of the Crescenta Valley Water District is pleased to nominate
Sharon Raghavachary as a candidate for appointment as special
district **REPRESENTATIVE** to the Los Angeles Local Agency Formation Commission. The
nominee is an elected official or a member of the board of an independent special district appointed
for a fixed term. For your consideration, we submit the following additional information together
with a resume of the candidate's qualifications.

Elective office: Director of Board of Directors of
Agency: Crescenta Valley Water District

Type of Agency: Water and Sewer District

Term Expires: December 2020

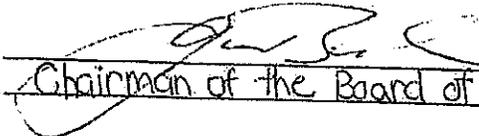
Residence Address: 2209 Maurice Ave.

La Crescenta, CA 91214

Telephone: 818 541-9071

PLEASE ATTACH RESUME OR CANDIDATE STATEMENT (limit one page)

Crescenta Valley Water District
(Name of Agency)

By: 
Its: Chairman of the Board of Directors



Crescenta Valley Water District

2700 Foothill Boulevard, La Crescenta, California 91214
Phone (818) 248-3925 Fax (818) 248-1659

Directors
Judy L. Tejada
James D. Bodnar
Kerry D. Erickson
Kenneth R. Putnam
Sharon Raghavachary

Officers
Nemesiano Ochoa, P.E.
General Manager
James Lee
Director of Finance & Administration

Director Raghavachary has been active in the La Crescenta Community for 20 years and has a background in accounting and computer systems.

Ms. Raghavachary is a founder of the Crescenta Valley Community Association. She served for seven years on the Crescenta Valley Town Council, during which time she was co-chair of the Foothill Design Committee, that wrote design standards for Foothill Boulevard, and was a member of Supervisor Antonovich's Library Committee. She also served as Council Vice President and Land Use Committee Chair.

Additionally, Director Raghavachary served three years on the Parent Advisory Council for Children's Hospital Los Angeles, providing input for the new hospital tower. She has been a volunteer for the Los Angeles County Sheriff's Department and Treasurer of the Crescenta Valley Arts Council, as well as a Girl Scout troop leader for ten years, and for over five years she wrote a featured column for the Glendale New Press and the Crescenta Valley Weekly. She is currently serving her second year on the Clark Magnet High School's School Site Council.

Ms. Raghavachary has teenage twins, a boy and a girl, who attend Clark Magnet and Crescenta Valley High Schools.



February 4, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject : Award of Fiscal Year 2019-2020 Vehicle Replacement Program

SUMMARY:

On May 11, 2010, the Board requested that staff obtain quotes from local dealerships for vehicle purchases in lieu of following a formal bid process. Staff contacted 10 different fleet dealerships and received nine quotes for vehicles included in the Fiscal Year 2019-20 Vehicle Replacement Program. Staff annually evaluates vehicles for replacement based on high mileage, vehicle service history, reliability and overall appearance. For the Fiscal Year 2019-20 Vehicle Replacement Program, staff recommends the purchase of three new 1/2-ton 4x4 quad cab trucks, two new 1/2-ton 4x2 quad cab trucks and one new 6-passenger van. Staff recommends the issuance of a purchase orders to Elk Grove Auto Group of Elk Grove, the low-bidder for the five trucks, and Fritts Ford of Riverside, the low bidder for the 6-passenger van.

RECOMMENDATION(S):

Authorize the General Manager to issue purchase orders to Elk Grove Auto Group of Elk Grove, in the amount of \$142,610.26, for three Dodge Ram 1500 4x4 quad cab trucks and two Dodge Ram 1500 4x2 quad cab trucks, and Fritts Ford of Riverside, in the amount of \$28,936.20, for a Transit Connect 6-passenger van.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

The cost of the Fiscal Year 2019-2020 Vehicle Replacement Program is \$171,546.46.

Sufficient funds are available in the approved Fiscal Year 2019-20 Budget for the vehicle purchases.

DISCUSSION:

Requests for quotes were sent to 10 different dealerships. All dealerships had six weeks to supply the District with new vehicle quotes. Elk Grove Auto Group of Elk Grove provided the lowest bid for the three Ram 1500 quad cab 4x4 trucks and two Ram 1500 quad cab 4x2 trucks. Fritts Ford of Riverside provided the lowest bid for the Ford Transit Connect 6-passenger van. The process will reduce delivery times and advertising costs, while providing competitive bids for vehicles that meet all District required specifications.

Following is a summary of the vehicle quotations:

2020 1/2-Ton 4x4 Quad Cab Truck

Elk Grove Auto Group of Elk Grove	\$29,935.04
Penske Chevrolet of Cerritos	\$32,121.00
Courtesy Chevrolet of San Diego	\$32,152.59
Fritts Ford of Riverside	\$32,555.18
Vista Ford of Ventura	\$33,620.51
Thorson GMC of Pasadena	\$33,635.11
Winner Chevrolet of Elk Grove	\$33,744.00
Penske GMC of Cerritos	\$34,171.61
Folsom Chevrolet of Folsom	\$35,796.94
DCH Ford of Thousand Oaks	No Bid Received

2020 1/2-Ton 4x2 Quad Cab Truck

Elk Grove Auto Group of Elk Grove	\$26,402.57
Courtesy Chevrolet of San Diego	\$29,025.60
Winner Chevrolet of Elk Grove	\$30,278.32
Fritts Ford of Pasadena	\$30,348.75
Vista Ford of Ventura	\$30,469.81
Penske Chevrolet of Cerritos	\$31,723.90
Thorson GMC of Pasadena	No Bid Received
Penske GMC of Cerritos	No Bid Received
Folsom Chevrolet of Folsom	No Bid Received
DCH Ford of Thousand Oaks	No Bid Received

2020 6-Passenger Van

Fritts Ford of Riverside	\$28,936.20

Vista Ford of Ventura	\$30,321.93
Penske Chevrolet of Cerritos	No Bid Received
Elk Grove Auto Group of Elk Grove	No Bid Received
Courtesy Chevrolet of San Diego	No Bid Received
Winner Chevrolet of Elk Grove	No Bid Received
Thorson GMC of Pasadena	No Bid Received
Penske GMC of Cerritos	No Bid Received
Folsom Chevrolet of Folsom	No Bid Received
DCH Ford of Thousand Oaks	No Bid Received

Surplus Vehicles for Auction

Vehicle No./Description	VIN No.	License No.	Mileage
No. 849, 2001 Ford Explorer	1FMYU60E41UC57691	1086222	66,532
No. 857, 2002 Dodge 1500	1D7HA16N02J249314	1146805	49,273
No. 869, 2005 Ford F250 SB	1FDNF205X5EB32457	1207717	47,219
No. 811, 2006 Buick Lacrosse	2G4WC582861238787	1154781	134,133
No. 892, 2011 Ford F150 Pickup	1FTNF1CF6BKE18094	1375596	124,711
No. 896, 2013 Chevrolet 1500 Pickup	1GCNCPE00DZ399542	1308614	108,053

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Shawn Triplett, Facilities Maintenance Supervisor



February 4, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject : Infrastructure Investment Plan: Fiscal Years 2020-21 through 2029-30

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 multi-year planning period. The IIP incorporates proposed projects from a number of sources including the Potable Water, Sanitation and Recycled Water Master Plans; recommendations from specific facility plans; regulatory requirements and facility condition assessments. The IIP anticipates a total of \$314 million of capital improvements, including JPA projects, over the 10-year planning period. LVMWD's share of the total is approximately \$256 million.

RECOMMENDATION(S):

Receive and file the LVMWD Infrastructure Investment Plan for Fiscal Years 2020-21 through 2029-30.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

FINANCIAL IMPACT:

The IIP is a planning document and does not involve the appropriation of funds. Appropriations for proposed projects in Fiscal Years 2020-21 and 2021-22 will be recommended in the upcoming two-year budget.

DISCUSSION:

The IIP covers a 10-year planning period and uses the Potable Water, Sanitation and Recycled Water Master Plans; recommendations from specific facility plans; known regulatory requirements and facility condition assessments to identify proposed capital projects and programs. Historically, the IIP has covered a five-year planning period; however, staff recommends shifting to a longer 10-year planning horizon to improve the District's forecasting of future financial needs, particularly considering the investments anticipated for the Pure Water Project Las Virgenes-Triunfo.

In the early years of the proposed IIP, the focus is on the replacement and rehabilitation of aging facilities. In the latter years, the focus remains on programmatic replacement and rehabilitation of aging facilities, as well as significant work related to the design and construction of the Pure Water Project Las Virgenes-Triunfo.

Following is a summary of the major projects currently proposed in the IIP:

Pure Water Project Las Virgenes-Triunfo - (CIP No. 10635)

Administrative

- SCADA System Communication Upgrades (CIP Nos. 10520 and 10521)
- ERP Systems (CIP No. 10663)
- Headquarters Office Space Rehabilitation (CIP No. 10694)

Potable Water Projects

- Cornell Pump Station Upgrades (CIP No. 10655)
- Pressure Reducing Station Upgrades (CIP Nos. 10674 and 10675)
- Automated Meter Reading Implementation (CIP No. 10660)
- Deerlake Tank Construction (CIP No. 10685)
- Twin Lakes Pump Station Improvement (CIP No. 10686)
- Water Tank Rehabilitation (CIP Nos. 10651, 10671 and 201867)
- Interconnection with Calleguas Municipal Water District (CIP No. 10556)

Programs

- Rancho Reliability Improvements (CIP No. 201839)
- Tapia Water Reclamation Facility Improvements (CIP No. 201840)
- Fire Hardening - LV and JPA Facilities (CIP Nos. 20921 and 201915)
- Potable Water System Rehabilitation (CIP No. 201847)
- Potable Water System Valve Replacement Program (CIP No. 201848)
- Potable Water System Pipe Rehabilitation and Replacement Program (CIP No. 201878)
- Emergency Pipeline Construction Repair and Replacement (CIP No. 201903)

Recycled Water System

- Canyon Oaks Park Recycled Water Main Extension (CIP No. 10629)
- Cordillera Tank Rehabilitation (CIP No. 10665)

Rancho / Farm

- Centrate 24" Valve Replacement (CIP No. 10670)
- Rancho Las Virgenes Digester Cleaning and Repair (CIP No. 10680)
- Rancho Generator Study and Purchase (CIP No. 201907)

Tapia

- Summer Season TMDL Compliance CIP No. (10619)
- Tapia Influent Pump Replacement (CIP No. 201854)
- Tapia Flow Equalization (CIP No. 201904)
- Tapia HVAC Replacement (CIP No. 201906)
- 003 Discharge Point Rehabilitation (CIP No. 201918)
- Return Activated Sludge (RAS) Wet Well and Pumps (CIP No. 60031)

Sewer Lift Stations

- Lift Station Improvements
- Trunk Sewer system Improvements

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Doug Anders, Administrative Services Coordinator

ATTACHMENTS:

LVMWD Infrastructure Investment Plan

LVMWD REPORT # _____

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

**LVMWD INFRASTRUCTURE
INVESTMENT PLAN (IIP)**

FISCAL YEAR 2020/21– FISCAL YEAR 2029/30

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Section 1

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Las Virgenes Municipal Water District
Infrastructure Investment Plan
FY 20-21 - FY 29-30

Overview

The Capital Improvement 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 ten year Plan reviews anticipated work over an extended planning horizon and updates planned spending for previously identified programs. Additionally, the ten year plan provides a basis for developing long term financial plans and for anticipating agency cash flow needs.

The information provided in this Plan is intended to inform the reader of current and proposed capital improvement projects, their status and potential costs.

This ten year Plan has been prepared and reviewed by staff to confirm the priority and need of ongoing and candidate projects for 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 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.

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:

- Administrative programs to modernize and improve site security, rehabilitate, and replace facilities and equipment.
- Potable water system projects that focus on improving ability to meet expanded demand, improve system reliability, 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 (#10619 Summer Season 2013 TMDL Compliance) and the 003 Discharge Point Rehabilitation project (#201918).
- Significant effort will continue towards indirect potable reuse through the Pure Water Project (#10635).
- The installation of Automated Meter Reading/Advanced Metering Infrastructure (AMR/AMI) - project #10660.
- Repair and replacement projects for JPA facilities will be scheduled for long term protection of agencies' investment and to improve operational efficiencies.

Summary

This ten year Plan reflects the previous trend on placing emphasis on "replacement-funded" projects for Potable Water, 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.

Major projects scheduled over the next two years are identified below.

Administrative

- SCADA System Communication Upgrades (10520 & 10521)
- ERP Systems (10663)
- Headquarters Office Space Rehabilitation (10694)

Potable Water Projects

- Cornell Pump Station Upgrades (10655)
- Pressure Reducing Station Upgrades (10674 & 10675)
- Automated Meter Reading Implementation (10660)
- Deerlake Tank Construction (10685)
- Twin Lakes Pump Station Improvement (10686)
- Water Tank Rehabilitation (10651, 10671, 201867)
- Interconnection with Calleguas Municipal Water District (10556)

Pure Water Project - (10635)Programs

- Rancho Reliability Improvements (201839)
- Tapia Water Reclamation Facility Improvements (201840)
- Fire Hardening - LV and JPA Facilities (20921 & 201915)
- Potable Water System Rehabilitation (201847)
- Potable Water System Valve Replacement Program (201848)
- Potable Water System Pipe Rehabilitation and Replacement Program (201878)
- Emergency Pipeline Construction Repair and Replacement (201903)

Recycled Water System

- Canyon Oaks Park Recycled Water Main Extension (10629)
- Cordillera Tank Rehabilitation (10665)

Rancho / Farm

- Centrate 24" Valve Replacement (10670)
- Rancho Las Virgenes Digester Cleaning and Repair (10680)
- Rancho Generator Study and Purchase (201907)

Recycled Water

- Canyon Oaks Park Recycled Water Main Extension (10629)
- Cordillera Tank Rehabilitation (10665)

Tapia

- Summer Season TMDL Compliance (10619)
- Tapia Influent Pump Replacement (201854)
- Tapia Flow Equalization (201904)
- Tapia HVAC Replacement (201906)
- 003 Discharge Point Rehabilitation (201918)
- Return Activated Sludge (RAS) Wet Well and Pumps (60031)

Sewer Lift Stations

- Lift Station Improvements
- Trunk Sewer system Improvements

Infrastructure Investment Plan
Fiscal Year 2020/21 - Fiscal Year 2029/30

Expenditures by Fund

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	10-Year Total
P/W Construction	\$3,521,887	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,521,887
P/W Replacement	\$19,824,643	\$10,684,270	\$9,681,128	\$7,738,567	\$7,984,698	\$8,173,413	\$7,831,367	\$8,713,096	\$9,121,933	\$9,397,440	\$99,150,555
Sanitation Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sanitation Replacement	\$8,940,813	\$11,984,606	\$16,643,750	\$23,489,796	\$26,263,495	\$35,016,416	\$38,194,663	\$30,091,040	\$12,754,040	\$3,175,168	\$206,553,789
RW Conservation	\$555,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$555,000
RW Replacement	\$1,491,282	\$723,000	\$627,584	\$0	\$0	\$1,496,831	\$0	\$0	\$0	\$0	\$4,338,697
Total Costs	\$34,333,625	\$23,391,876	\$26,952,462	\$31,228,364	\$34,248,193	\$44,686,660	\$46,026,030	\$38,804,137	\$21,875,972	\$12,572,608	\$314,119,926
LVMWD Share:	\$31,156,751	\$20,316,281	\$22,643,794	\$24,765,128	\$26,853,065	\$34,278,105	\$35,123,139	\$30,283,711	\$18,452,625	\$11,965,448	\$255,838,047
TWSD Share:	\$3,176,874	\$3,075,595	\$4,308,668	\$6,463,236	\$7,395,128	\$10,408,555	\$10,902,891	\$8,520,426	\$3,423,348	\$607,159	\$58,281,879

Infrastructure Investment Plan
Fiscal Year 2020/21 - Fiscal Year 2029/30

JPA Partner Cost Share

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Total
P/W Construction	\$3,521,887	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,521,887
P/W Replacement	\$19,824,643	\$10,684,270	\$9,681,128	\$7,738,567	\$7,984,698	\$8,173,413	\$7,831,367	\$8,713,096	\$9,121,933	\$9,397,440	\$99,150,555
Sanitation Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sanitation Replacement	\$6,365,546	\$9,121,574	\$12,519,591	\$17,026,560	\$18,868,368	\$25,047,930	\$27,291,772	\$21,570,615	\$9,330,692	\$2,568,009	\$149,710,656
RW Conservation	\$391,830	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$391,830
RW Replacement	\$1,052,845	\$510,438	\$443,074	\$0	\$0	\$1,056,762	\$0	\$0	\$0	\$0	\$3,063,120
LVMWD Share	\$31,156,751	\$20,316,281	\$22,643,794	\$24,765,128	\$26,853,065	\$34,278,105	\$35,123,139	\$30,283,711	\$18,452,625	\$11,965,448	\$255,838,047

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	Total
Sanitation Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sanitation Replacement	\$2,575,267	\$2,863,033	\$4,124,158	\$6,463,236	\$7,395,128	\$9,968,486	\$10,902,891	\$8,520,426	\$3,423,348	\$607,159	\$56,843,133
RW Conservation	\$163,170	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$163,170
RW Replacement	\$438,437	\$212,562	\$184,510	\$0	\$0	\$440,068	\$0	\$0	\$0	\$0	\$1,275,577
TWSD Share	\$3,176,874	\$3,075,595	\$4,308,668	\$6,463,236	\$7,395,128	\$10,408,555	\$10,902,891	\$8,520,426	\$3,423,348	\$607,159	\$58,281,879
Total Costs	\$34,333,625	\$23,391,876	\$26,952,462	\$31,228,364	\$34,248,193	\$44,686,660	\$46,026,030	\$38,804,137	\$21,875,972	\$12,572,608	\$314,119,926

Infrastructure Investment Plan
Fiscal Year 2020/21 - Fiscal Year 2029/30

Expenditures by Priority

	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	10-Year Total
Priority 1	\$112,900	\$941,200	\$1,631,500	\$4,315,500	\$4,315,500	\$985,500	\$985,500	\$985,500	\$985,500	\$985,500	\$16,244,100
Priority 2	\$32,938,725	\$19,963,441	\$21,334,618	\$19,450,364	\$28,547,693	\$40,819,329	\$43,655,530	\$36,433,637	\$19,505,472	\$10,202,108	\$272,850,917
Priority 3	\$1,282,000	\$2,487,235	\$3,986,344	\$7,462,500	\$1,385,000	\$2,881,831	\$1,385,000	\$1,385,000	\$1,385,000	\$1,385,000	\$25,024,910
TOTAL ALL PROJECTS	\$34,333,625	\$23,391,876	\$26,952,462	\$31,228,364	\$34,248,193	\$44,686,660	\$46,026,030	\$38,804,137	\$21,875,972	\$12,572,608	\$314,119,926

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.

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Section 2

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Infrastructure Investment Plan
Fiscal Year 2020/21 - Fiscal Year 2029/30

Projects by Priority

Project Number	Title	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	10-Year Total
PRIORITY: 1												
10619	Summer Season TMDL Compliance	2,619,200	0	0	0	0	0	0	0	0	0	2,619,200
10668	Rancho Las Virgenes Storm Water Diversion Structure Replacement	30,000	117,600	0	0	0	0	0	0	0	0	147,600
10670	Centrate 24" Valve Replacement	289,000	0	0	0	0	0	0	0	0	0	289,000
10690	Westlake Filter Plant - Woolsey Fire	3,842,404	0	0	0	0	0	0	0	0	0	3,842,404
10691	Woolsey Fire - Repair LV Facilities	343,200	0	0	0	0	0	0	0	0	0	343,200
10700	Troutdale Pipeline - Woolsey Fire	654,000	0	0	0	0	0	0	0	0	0	654,000
201850	Cla-Val Repair Truck	200,000	0	0	0	0	0	0	0	0	0	200,000
201857	Tapia Hypochlorite Tank Replacement	193,200	0	0	0	0	0	0	0	0	0	193,200
201859	Tapia Effluent Meter Replacement	33,000	0	0	0	0	0	0	0	0	0	33,000
201861	Tapia Air Line Repair	0	50,000	330,000	0	0	0	0	0	0	0	380,000
201873	Surge Tank(s)	105,600	0	0	0	0	0	0	0	0	0	105,600
201885	Mobile Generators	150,000	0	0	0	0	0	0	0	0	0	150,000
201893	JBR Pump Station Valve Replacements	0	154,200	0	0	0	0	0	0	0	0	154,200
201896	Conduit Pressure Regulating (PR) Station Rehabilitation	0	303,400	0	0	0	0	0	0	0	0	303,400
201897	Pressure Regulating Station Valve Replacements (Multiple Stations)	39,600	0	721,500	721,500	721,500	721,500	721,500	721,500	721,500	721,500	5,811,600
201904	Tapia Flow Equalization - Design/Construct	100,000	250,000	250,000	3,330,000	3,330,000	0	0	0	0	0	7,260,000
201906	Tapia HVAC Replacement	304,000	0	0	0	0	0	0	0	0	0	304,000
201912	Concrete Corrosion/Crack Repair - Tapia	66,000	66,000	66,000	0	0	0	0	0	0	0	198,000
201915	Fire Hardening - JPA Facilities	264,000	264,000	264,000	264,000	264,000	264,000	264,000	264,000	264,000	264,000	2,640,000
201917	Construction Services Truck Replacement	175,000	0	0	0	0	0	0	0	0	0	175,000
201918	003 Discharge Point Rehabilitation	769,300	0	0	0	0	0	0	0	0	0	769,300
201919	Customer Service Security Improvements	155,000	0	0	0	0	0	0	0	0	0	155,000
201925	Interconnection With CMWD - Offset	-2,000,000	0	0	0	0	0	0	0	0	0	-2,000,000

Infrastructure Investment Plan
Fiscal Year 2020/21 - Fiscal Year 2029/30

Projects by Priority

Project Number	Title	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	10-Year Total
201926	Stationary Emergency Generator - PW Pump Station - Offset	-3,330,000	0	0	0	0	0	0	0	0	0	-3,330,000
201927	Wildlife Corridor Utility Relocation - LVMWD - Offset	-50,000	-264,000	0	0	0	0	0	0	0	0	-314,000
201931	Woolsey Fire - Westlake Filter Plant - Reimbursement	-3,842,404	0	0	0	0	0	0	0	0	0	-3,842,404
201932	Woolsey Fire - Repair LV Facilities - Reimbursement	-343,200	0	0	0	0	0	0	0	0	0	-343,200
201934	Troutdale Pipeline - Woolsey Fire - Reimbursement	-654,000	0	0	0	0	0	0	0	0	0	-654,000
SUB-TOTAL WOOLSEY FIRE - REIMBURSEMENTS		\$112,900	\$941,200	\$1,631,500	\$4,315,500	\$4,315,500	\$985,500	\$985,500	\$985,500	\$985,500	\$985,500	\$16,244,100

PRIORITY: 2

10430	Twin Lakes Pump Station Pipeline Project	2,220,000	0	0	0	0	0	0	0	0	0	2,220,000
10520	SCADA System Communication Upgrades	0	50,000	396,000	330,000	0	0	0	0	0	0	776,000
10521	SCADA System Communication Upgrades (LV Only)	50,000	396,000	396,000	0	0	0	0	0	0	0	842,000
10556	Interconnection With CMWD	6,095,000	0	0	0	0	0	0	0	0	0	6,095,000
10567	Tapia Programmable Logic Controller Upgrades	69,696	0	0	0	0	0	0	0	0	0	69,696
10596	Lift Stations Programmable Logic Controller Upgrades	31,400	26,400	0	0	0	0	0	0	0	0	57,800
10629	Canyon Oaks Park RW Main Extension	555,000	0	0	0	0	0	0	0	0	0	555,000
10635	Pure Water Project	2,911,366	8,249,514	8,497,000	9,498,296	21,295,495	33,378,416	36,556,663	28,453,040	11,116,040	1,537,168	161,493,000
10642	Westlake Pump Station and Filtration Plant Landscaping	0	0	0	0	0	0	0	0	0	0	0
10655	Cornell Pump Station Upgrades	3,996,000	0	0	0	0	0	0	0	0	0	3,996,000
10660	AMR Implementation	3,014,000	5,328,000	2,699,754	0	0	0	0	0	0	0	11,041,754
10663	ERP Systems	403,000	0	0	0	0	0	0	0	0	0	403,000
10665	Cordillera Tank Rehab	1,456,282	0	0	0	0	0	0	0	0	0	1,456,282

**Infrastructure Investment Plan
Fiscal Year 2020/21 - Fiscal Year 2029/30**

Projects by Priority

Project Number	Title	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	10-Year Total
10666	Calabasas Park Recycled Water Main Extension	10,000	528,000	0	0	0	0	0	0	0	0	538,000
10671	Saddle Peak Tank Rehabilitation	1,308,194	0	0	0	0	0	0	0	0	0	1,308,194
10672	Stationary Emergency Generator - PW Pump Station	3,330,000	0	0	0	0	0	0	0	0	0	3,330,000
10674	Pressure Reducing Station #45 (Kimberly) Rehabilitation	360,000	0	0	0	0	0	0	0	0	0	360,000
10675	Pressure Reducing Station #32 (Old Chimney) Rehabilitation	360,000	0	0	0	0	0	0	0	0	0	360,000
10678	Deerlake Tank and Twin Lakes Tank Pump Station (Parent)	0	0	0	0	0	0	0	0	0	0	0
10679	New Fire Panel for Building #8	24,000	0	0	0	0	0	0	0	0	0	24,000
10680	Rancho Las Virgenes Digester Cleaning and Repair	621,060	0	0	0	0	0	0	0	0	0	621,060
10683	Boardroom Audio/Video Upgrade	5,000	0	0	0	0	0	0	0	0	0	5,000
10684	Upper Oaks Pump Station Electrical Upgrade	132,000	0	0	0	0	0	0	0	0	0	132,000
10685	Deerlake Tank Construction	1,171,867	0	0	0	0	0	0	0	0	0	1,171,867
10686	Twin Lakes P/S Improvement	709,620	0	0	0	0	0	0	0	0	0	709,620
10689	Rancho Fire Repair - Woolsey Fire	1,484,070	0	0	0	0	0	0	0	0	0	1,484,070
10692	JPA Facility Facilities Repair - Woolsey Fire	330,000	0	0	0	0	0	0	0	0	0	330,000
10701	Electronic Document Management System	0	100,000	0	0	0	0	0	0	0	0	100,000
10702	Tapia Effluent Pump Station 4160 Volt Feeder Relocation	100,000	198,000	198,000	0	0	0	0	0	0	0	496,000
10703	Tapia Tertiary Filter Rehabilitation	0	79,200	0	0	0	0	0	0	0	0	79,200
10705	Pressure Regulating Station Rehabilitation #55 (Hindu Temple)	237,600	0	0	0	0	0	0	0	0	0	237,600
10706	Mobility Review	50,000	50,000	0	0	0	0	0	0	0	0	100,000
201837	Business Intelligence Tools	5,000	125,400	0	0	0	0	0	0	0	0	130,400
101839	Rancho Reliability Improvements	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	1,320,000

Infrastructure Investment Plan
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Projects by Priority

Project Number	Project Title	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	10-Year Total
201840	Tapia Water Reclamation Facility Improvements	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	1,320,000
201843	JBR Pump Station Pump 2 Rehabilitation	39,600	0	0	0	0	0	0	0	0	0	39,600
201847	Potable Water System Rehabilitation	264,000	264,000	264,000	264,000	264,000	264,000	264,000	264,000	264,000	264,000	2,640,000
201848	PW System Small Valve Replacement	345,000	284,000	264,000	264,000	264,000	264,000	264,000	264,000	264,000	264,000	2,741,000
201851	Three Inch (3") & Larger Meter Replacements	157,000	157,000	0	0	0	0	0	0	0	0	314,000
201853	Meter Vault Upgrades	66,000	66,000	66,000	0	0	0	0	0	0	0	198,000
201854	Tapia Influent Pump Replacement	0	396,000	0	0	0	0	0	0	0	0	396,000
201855	Lift Station No. 1 Pump Replacement	0	0	396,000	0	0	0	0	0	0	0	396,000
201856	Lift Station No. 2 Pump Replacement	281,000	0	0	0	0	0	0	0	0	0	281,000
201858	Tapia Secondary Clarifier Rehabilitation	0	62,800	0	0	0	0	0	0	0	0	62,800
201860	Tapia Sludge Wet Well Re-circulation Piping Replacement	0	253,500	0	0	0	0	0	0	0	0	253,500
201862	Rancho Valving In Street Replacement	175,100	0	0	0	0	0	0	0	0	0	175,100
201864	Building No. 7 Air Conditioner Repair	74,250	74,250	74,250	0	0	0	0	0	0	0	222,750
201865	Multi Site Security Assessment and Improvement - LV Only	24,750	24,750	24,750	0	0	0	0	0	0	0	74,250
201866	Multi Site Security Assessment and Improvement - JPA	0	1,382,285	0	0	0	0	0	0	0	0	1,382,285
201867	Water Tank Rehab. - Upper Oaks and Dardenne	0	2,087,864	1,318,067	1,564,198	1,752,913	1,410,867	1,293,596	1,702,433	1,977,940	1,977,940	13,107,877
201868	Potable Water Tank Rehabilitation	136,000	0	0	0	0	0	0	0	0	0	136,000
201870	Roadside Bridge Waterline Relocation	50,000	264,000	0	0	0	0	0	0	0	0	314,000
201871	Wildlife Corridor Utility Relocation - LVMWD	324,000	0	0	0	0	0	0	0	0	0	324,000
201874	Stunt Road Pump Station Improvements	0	115,600	0	0	0	0	0	0	0	0	115,600
201875	Tapia Gantry Crane	705,000	100,000	1,114,000	4,000,000	4,000,000	4,000,000	4,000,000	4,999,000	4,999,000	4,999,000	32,916,000
201878	Potable Water System Pipe Rehabilitation and Replacement Program	200,000	0	0	0	0	0	0	0	0	0	200,000
201886	Mobile Crane Replacement											

**Infrastructure Investment Plan
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Projects by Priority

Project Number	Title	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	10-Year Total
201891	Latigo and Seminole Pax Mixers for Tanks	144,000	0	0	0	0	0	0	0	0	0	144,000
201892	CIS Mobile Capability	16,500	16,500	0	0	0	0	0	0	0	0	33,000
201898	"Iwater" Program	32,000	0	0	0	0	0	0	0	0	0	32,000
201901	Wildlife Corridor Utility Relocation - JPA Recycled Water	50,000	264,000	0	0	0	0	0	0	0	0	314,000
201903	Emergency Pipeline Construction Repair and Replacement	396,000	396,000	396,000	396,000	396,000	396,000	396,000	396,000	396,000	396,000	3,960,000
201905	Building No. 1 Drainage Improvements	0	0	157,000	0	0	0	0	0	0	0	157,000
201907	Rancho Generator Study and Purchase	50,000	390,000	0	0	0	0	0	0	0	0	440,000
201908	Electric Vehicle Charging Stations	72,600	0	0	0	0	0	0	0	0	0	72,600
201911	Pure Water Project Grant Offset	-684,159	-2,017,758	0	0	0	0	0	0	0	0	-2,701,917
201914	Lift Station Improvements	150,000	1,110,000	1,110,000	0	0	0	0	0	0	0	2,370,000
201916	Control Building Improvements	0	0	2,220,000	2,220,000	0	0	0	0	0	0	4,440,000
201920	Pressure Vessel Maintenance Program	0	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000
201921	Fire Hardening - LVMWD Facilities	0	0	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,600,000
201922	Potable System Coatings Program	0	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000
201923	Raw Water Reservoir Cover (Westlake)	300,000	0	0	0	0	0	0	0	0	0	300,000
201924	Catholic Protection Program	0	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000
201928	Wildlife Corridor Utility Relocation - JPA - Offset	-50,000	-264,000	0	0	0	0	0	0	0	0	-314,000
201930	Rancho Fire Repair - Woolsey Fire - Reimbursement	-1,484,070	0	0	0	0	0	0	0	0	0	-1,484,070
201933	JPA Facility Facilities Repair - Woolsey Fire - Reimbursement	-330,000	0	0	0	0	0	0	0	0	0	-330,000
201935	Dump Truck Replacement	0	110,000	0	0	0	0	0	0	0	0	110,000
201936	Back hoe Replacement	0	0	110,000	0	0	0	0	0	0	0	110,000
201937	Shop Lifts - Fleet Maintenance	0	0	100,000	0	0	0	0	0	0	0	100,000
00031	New RAS Wet Well and Pumps	120,000	1,120,000	0	0	0	0	0	0	0	0	1,240,000

Infrastructure Investment Plan
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Projects by Priority

Project Number	Project Title	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	10-Year Total
70019	Centrate Tank Inspection and Rehabilitation Assessment	10,000	0	0	0	0	0	0	0	0	0	10,000
SUB-TOTAL RANCHO/FARM		\$32,938,725	\$19,963,441	\$21,334,618	\$19,450,364	\$28,547,693	\$40,819,329	\$43,655,530	\$36,433,637	\$19,505,472	\$10,202,108	\$272,850,917
PRIORITY: 3												
10651	Tank Renovation: Equestrian Tank	0	170,475	0	0	0	0	0	0	0	0	170,475
10661	A/B Bus Electrical Modification	100,000	0	0	0	0	0	0	0	0	0	100,000
10662	Potable Water System PLC Upgrade Phase 1	0	0	188,760	0	0	0	0	0	0	0	188,760
10669	Develop Tour Seating Area at Tapia	116,000	0	0	0	0	0	0	0	0	0	116,000
10693	Pavement Restoration Rancho	0	0	531,000	0	0	0	0	0	0	0	531,000
10694	Building No. 8 Office Space Rehabilitation	558,000	0	0	0	0	0	0	0	0	0	558,000
201841	Vehicle Replacement Program	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,000,000
201842	IT Capital Purchases	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	750,000
201869	Recycled Water Tank Rehabilitation	0	0	627,584	0	0	1,496,831	0	0	0	0	2,124,415
201889	Westlake Treatment Plant and Pump Station Access Road Paving and Drainage	100,000	100,000	267,000	0	0	0	0	0	0	0	467,000
201894	Agoura Pump Station Onsite Generator	0	277,000	0	0	0	0	0	0	0	0	277,000
201899	Three Springs VFD Pump Station Project	0	223,000	0	0	0	0	0	0	0	0	223,000
201913	Tapia Effluent Pump Station Rehabilitation	0	0	0	5,522,500	0	0	0	0	0	0	5,522,500
60030	Grit Chamber Mixing System Replacement	133,000	0	0	0	0	0	0	0	0	0	133,000
60032	Pavement Restoration Tapia	0	0	432,000	0	0	0	0	0	0	0	432,000
80748	Rancho: Replace Agitators	0	0	555,000	555,000	0	0	0	0	0	0	1,110,000
99983	Trunk Sewer System Improvements	0	1,110,000	1,110,000	1,110,000	1,110,000	1,110,000	1,110,000	1,110,000	1,110,000	1,110,000	9,990,000
99991	Westlake Filter Plant PLC Upgrade	0	188,760	0	0	0	0	0	0	0	0	188,760
99998	Water System PLC Upgrade Phase 2	0	143,000	0	0	0	0	0	0	0	0	143,000
SUB-TOTAL POTABLE WATER		\$1,282,000	\$2,487,235	\$3,986,344	\$7,462,500	\$1,385,000	\$2,881,831	\$1,385,000	\$1,385,000	\$1,385,000	\$1,385,000	\$25,024,910

Infrastructure Investment Plan
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Projects by Priority

Project Number	Title	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	10-Year Total
	TOTAL ALL PROJECTS	\$34,333,625	\$23,391,876	\$26,952,462	\$31,228,364	\$34,248,193	\$44,686,660	\$46,026,030	\$38,804,137	\$21,875,972	\$12,572,608	\$314,119,926

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Infrastructure Investment Plan
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Projects by Location

Project Number	Project Title	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	10-Year Total
ADMINISTRATIVE												
10520	SCADA System Communication Upgrades	0	50,000	396,000	330,000	0	0	0	0	0	0	776,000
10521	SCADA System Communication Upgrades (LV Only)	50,000	396,000	396,000	0	0	0	0	0	0	0	842,000
10663	ERP Systems	403,000	0	0	0	0	0	0	0	0	0	403,000
10679	New Fire Panel for Building #8	24,000	0	0	0	0	0	0	0	0	0	24,000
10683	Boardroom Audio/Video Upgrade	5,000	0	0	0	0	0	0	0	0	0	5,000
10694	Building No. 8 Office Space Rehabilitation	558,000	0	0	0	0	0	0	0	0	0	558,000
10701	Electronic Document Management System	0	100,000	0	0	0	0	0	0	0	0	100,000
10706	Mobility Review	50,000	50,000	0	0	0	0	0	0	0	0	100,000
201837	Business Intelligence Tools	5,000	125,400	0	0	0	0	0	0	0	0	130,400
201864	Building No. 7 Air Conditioner Repair	175,100	0	0	0	0	0	0	0	0	0	175,100
201865	Multi Site Security Assessment and Improvement - LV Only	74,250	74,250	74,250	0	0	0	0	0	0	0	222,750
201866	Multi Site Security Assessment and Improvement - JPA	24,750	24,750	24,750	0	0	0	0	0	0	0	74,250
201886	Mobile Crane Replacement	200,000	0	0	0	0	0	0	0	0	0	200,000
201892	CIS Mobile Capability	16,500	16,500	0	0	0	0	0	0	0	0	33,000
201905	Building No. 1 Drainage Improvements	0	0	157,000	0	0	0	0	0	0	0	157,000
201917	Construction Services Truck Replacement	175,000	0	0	0	0	0	0	0	0	0	175,000
201919	Customer Service Security Improvements	155,000	0	0	0	0	0	0	0	0	0	155,000
201935	Dump Truck Replacement	0	110,000	0	0	0	0	0	0	0	0	110,000
201936	Back hoe Replacement	0	0	110,000	0	0	0	0	0	0	0	110,000
201937	Shop Lifts - Fleet Maintenance	0	0	100,000	0	0	0	0	0	0	0	100,000
SUB-TOTAL ADMINISTRATIVE		\$1,915,600	\$946,900	\$1,258,000	\$330,000	\$0	\$0	\$0	\$0	\$0	\$0	\$4,450,500
POTABLE WATER												
10430	Twin Lakes Pump Station Pipeline Project	2,220,000	0	0	0	0	0	0	0	0	0	2,220,000

Infrastructure Investment Plan
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Projects by Location

Project Number	Project Title	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	10-Year Total
10655	Cornell Pump Station Upgrades	3,996,000	0	0	0	0	0	0	0	0	0	3,996,000
10662	Potable Water System PLC Upgrade Phase 1	0	0	188,760	0	0	0	0	0	0	0	188,760
10674	Pressure Reducing Station #45 (Kimberly) Rehabilitation	360,000	0	0	0	0	0	0	0	0	0	360,000
10675	Pressure Reducing Station #32 (Old Chimney) Rehabilitation	360,000	0	0	0	0	0	0	0	0	0	360,000
10684	Upper Oaks Pump Station Electrical Upgrade	132,000	0	0	0	0	0	0	0	0	0	132,000
10705	Pressure Regulating Station Rehabilitation #55 (Hindu Temple)	237,600	0	0	0	0	0	0	0	0	0	237,600
201843	JBR Pump Station Pump 2 Rehabilitation	39,600	0	0	0	0	0	0	0	0	0	39,600
201850	Cla-Val Repair Truck	200,000	0	0	0	0	0	0	0	0	0	200,000
201870	Roadside Bridge Waterline Relocation	136,000	0	0	0	0	0	0	0	0	0	136,000
201873	Surge Tank(s)	105,600	0	0	0	0	0	0	0	0	0	105,600
201874	Stunt Road Pump Station Improvements	324,000	0	0	0	0	0	0	0	0	0	324,000
201885	Mobile Generators	150,000	0	0	0	0	0	0	0	0	0	150,000
201891	Latigo and Seminole Pax Mixers for Tanks	144,000	0	0	0	0	0	0	0	0	0	144,000
201893	JBR Pump Station Valve Replacements	0	154,200	0	0	0	0	0	0	0	0	154,200
201894	Agoura Pump Station Onsite Generator	0	277,000	0	0	0	0	0	0	0	0	277,000
201896	Conduit Pressure Regulating (PR) Station Rehabilitation	0	303,400	0	0	0	0	0	0	0	0	303,400
201898	"Iwater" Program	32,000	0	0	0	0	0	0	0	0	0	32,000
201899	Three Springs VFD Pump Station Project	0	223,000	0	0	0	0	0	0	0	0	223,000
99991	Westlake Filter Plant PLC Upgrade	0	188,760	0	0	0	0	0	0	0	0	188,760
99998	Water System PLC Upgrade Phase 2	0	143,000	0	0	0	0	0	0	0	0	143,000
SUB-TOTAL POTABLE WATER		\$8,436,800	\$1,289,360	\$188,760	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,914,920

POTABLE WATER - AMR IMPLEMENTATION

2010660	AMR Implementation	3,014,000	5,328,000	2,699,754	0	0	0	0	0	0	0	11,041,754
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**Infrastructure Investment Plan
Fiscal Year 2020/21 - Fiscal Year 2029/30**

Projects by Location

Project Number	Project Title	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	10-Year Total
201851	Three Inch (3") & Larger Meter Replacements	157,000	157,000	0	0	0	0	0	0	0	0	314,000
	SUB-TOTAL POTABLE WATER - AMR IMPLEMENTATION	\$3,171,000	\$5,485,000	\$2,699,754	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,355,754
POTABLE WATER - DEER LAKE PROJECT												
10678	Deerlake Tank and Twin Lakes Tank Pump Station (Parent)	0	0	0	0	0	0	0	0	0	0	0
10685	Deerlake Tank Construction	1,171,867	0	0	0	0	0	0	0	0	0	1,171,867
10686	Twin Lakes P/S Improvement	709,620	0	0	0	0	0	0	0	0	0	709,620
	SUB-TOTAL POTABLE WATER - DEER LAKE PROJECT	\$1,881,487	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,881,487
POTABLE WATER - WATER TANK REHABILITATION												
10651	Tank Renovation: Equestrian Tank	0	170,475	0	0	0	0	0	0	0	0	170,475
10671	Saddle Peak Tank Rehabilitation	1,308,194	0	0	0	0	0	0	0	0	0	1,308,194
201867	Water Tank Rehab. - Upper Oaks and Dardenne	0	1,382,285	0	0	0	0	0	0	0	0	1,382,285
201868	Potable Water Tank Rehabilitation	0	0	2,087,864	1,318,067	1,564,198	1,752,913	1,410,867	1,293,596	1,702,433	1,977,940	13,107,877
	SUB-TOTAL POTABLE WATER - WATER TANK REHABILITATION	\$1,308,194	\$1,552,760	\$2,087,864	\$1,318,067	\$1,564,198	\$1,752,913	\$1,410,867	\$1,293,596	\$1,702,433	\$1,977,940	\$15,968,831
PROGRAMS												
201839	Rancho Reliability Improvements	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	1,320,000
201840	Tapia Water Reclamation Facility Improvements	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	132,000	1,320,000
201841	Vehicle Replacement Program	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	2,000,000
201842	IT Capital Purchases	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	75,000	750,000
201847	Potable Water System Rehabilitation	264,000	264,000	264,000	264,000	264,000	264,000	264,000	264,000	264,000	264,000	2,640,000
201848	PW System Small Valve Replacement	345,000	284,000	264,000	264,000	264,000	264,000	264,000	264,000	264,000	264,000	2,741,000
201853	Meter Vault Upgrades	66,000	66,000	66,000	0	0	0	0	0	0	0	198,000

**Infrastructure Investment Plan
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Projects by Location

Project Number	Title	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	10-Year Total
201878	Potable Water System Pipe Rehabilitation and Replacement Program	705,000	100,000	1,114,000	4,000,000	4,000,000	4,000,000	4,000,000	4,999,000	4,999,000	4,999,000	32,916,000
201897	Pressure Regulating Station Valve Replacements (Multiple Stations)	39,600	0	721,500	721,500	721,500	721,500	721,500	721,500	721,500	721,500	5,811,600
201903	Emergency Pipeline Construction Repair and Replacement	396,000	396,000	396,000	396,000	396,000	396,000	396,000	396,000	396,000	396,000	3,960,000
201915	Fire Hardening - JPA Facilities	264,000	264,000	264,000	264,000	264,000	264,000	264,000	264,000	264,000	264,000	2,640,000
201920	Pressure Vessel Maintenance Program	0	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000
201921	Fire Hardening - LVMWD Facilities	0	0	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,600,000
201922	Potable System Coatings Program	0	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000
201924	Cathodic Protection Program	0	0	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	800,000
	SUB-TOTAL PROGRAMS	\$2,618,600	\$1,913,000	\$4,128,500	\$6,948,500	\$6,948,500	\$6,948,500	\$6,948,500	\$7,947,500	\$7,947,500	\$7,947,500	\$60,296,600

PROJECTS WITH COST OFFSETS

10556	Interconnection With CMWD	6,095,000	0	0	0	0	0	0	0	0	0	6,095,000
10672	Stationary Emergency Generator - PW Pump Station	3,330,000	0	0	0	0	0	0	0	0	0	3,330,000
201871	Wildlife Corridor Utility Relocation - LVMWD	50,000	264,000	0	0	0	0	0	0	0	0	314,000
201901	Wildlife Corridor Utility Relocation - JPA Recycled Water	50,000	264,000	0	0	0	0	0	0	0	0	314,000
201908	Electric Vehicle Charging Stations	72,600	0	0	0	0	0	0	0	0	0	72,600
	SUB-TOTAL PROJECTS WITH COST OFFSETS	\$9,597,600	\$528,000	\$0	\$10,125,600							

PROJECTS WITH COST OFFSETS - OFFSETS

201925	Interconnection With CMWD - Offset	-2,000,000	0	0	0	0	0	0	0	0	0	-2,000,000
201926	Stationary Emergency Generator - PW Pump Station - Offset	-3,330,000	0	0	0	0	0	0	0	0	0	-3,330,000
201927	Wildlife Corridor Utility Relocation - LVMWD - Offset	-50,000	-264,000	0	0	0	0	0	0	0	0	-314,000

Infrastructure Investment Plan
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Projects by Location

Project Number	Project Title	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	10-Year Total
201928	Wildlife Corridor Utility Relocation - JPA - Offset	-50,000	-264,000	0	0	0	0	0	0	0	0	-314,000
SUB-TOTAL		\$-5,430,000	\$-528,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$-5,958,000
PURE WATER PROJECT												
10635	Pure Water Project	2,911,366	8,249,514	8,497,000	9,498,296	21,295,495	33,378,416	36,556,663	28,453,040	11,116,040	1,537,168	161,493,000
201911	Pure Water Project Grant Offset	-684,159	-2,017,758	0	0	0	0	0	0	0	0	-2,701,917
SUB-TOTAL		\$2,227,207	\$6,231,756	\$8,497,000	\$9,498,296	\$21,295,495	\$33,378,416	\$36,556,663	\$28,453,040	\$11,116,040	\$1,537,168	\$158,791,083
RANCHO/FARM												
10668	Rancho Las Virgenes Storm Water Diversion Structure Replacement	30,000	117,600	0	0	0	0	0	0	0	0	147,600
10670	Centrate 24" Valve Replacement	289,000	0	0	0	0	0	0	0	0	0	289,000
10680	Rancho Las Virgenes Digester Cleaning and Repair	621,060	0	0	0	0	0	0	0	0	0	621,060
10693	Pavement Restoration Rancho	0	0	531,000	0	0	0	0	0	0	0	531,000
201862	Rancho Valving In Street Replacement	0	253,500	0	0	0	0	0	0	0	0	253,500
201907	Rancho Generator Study and Purchase	50,000	390,000	0	0	0	0	0	0	0	0	440,000
70019	Centrate Tank Inspection and Rehabilitation Assessment	10,000	0	0	0	0	0	0	0	0	0	10,000
80748	Rancho: Replace Agitators	0	0	555,000	555,000	0	0	0	0	0	0	1,110,000
SUB-TOTAL		\$1,000,060	\$761,100	\$1,086,000	\$555,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,402,160
RECYCLED WATER												
10629	Canyon Oaks Park RW Main Extension	555,000	0	0	0	0	0	0	0	0	0	555,000
10665	Cordillera Tank Rehab	1,456,282	0	0	0	0	0	0	0	0	0	1,456,282
200666	Calabasas Park Recycled Water Main Extension	10,000	528,000	0	0	0	0	0	0	0	0	538,000

Infrastructure Investment Plan
Fiscal Year 2020/21 - Fiscal Year 2029/30

Projects by Location

Project Number	Title	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	10-Year Total
201869	Recycled Water Tank Rehabilitation	0	0	627,584	0	0	1,496,831	0	0	0	0	2,124,415
	SUB-TOTAL RECYCLED WATER	\$2,021,282	\$528,000	\$627,584	\$0	\$0	\$1,496,831	\$0	\$0	\$0	\$0	\$4,673,697
SEWER/LIFT STATIONS												
10596	Lift Stations Programmable Logic Controller Upgrades	31,400	26,400	0	0	0	0	0	0	0	0	57,800
201855	Lift Station No. 1 Pump Replacement	0	0	396,000	0	0	0	0	0	0	0	396,000
201856	Lift Station No. 2 Pump Replacement	0	0	0	396,000	0	0	0	0	0	0	396,000
201914	Lift Station Improvements	150,000	1,110,000	1,110,000	0	0	0	0	0	0	0	2,370,000
99983	Trunk Sewer System Improvements	0	1,110,000	1,110,000	1,110,000	1,110,000	1,110,000	1,110,000	1,110,000	1,110,000	1,110,000	9,990,000
	SUB-TOTAL SEWER/LIFT STATIONS	\$181,400	\$2,246,400	\$2,616,000	\$1,506,000	\$1,110,000	\$1,110,000	\$1,110,000	\$1,110,000	\$1,110,000	\$1,110,000	\$13,209,800
TAPIA												
10567	Tapia Programmable Logic Controller Upgrades	69,696	0	0	0	0	0	0	0	0	0	69,696
10619	Summer Season TMDL Compliance	2,619,200	0	0	0	0	0	0	0	0	0	2,619,200
10661	A/B Bus Electrical Modification	100,000	0	0	0	0	0	0	0	0	0	100,000
10669	Develop Tour Seating Area at Tapia	116,000	0	0	0	0	0	0	0	0	0	116,000
10702	Tapia Effluent Pump Station 4160 Volt Feeder Relocation	100,000	198,000	198,000	0	0	0	0	0	0	0	496,000
10703	Tapia Tertiary Filter Rehabilitation	0	79,200	0	0	0	0	0	0	0	0	79,200
201854	Tapia Influent Pump Replacement	0	396,000	0	0	0	0	0	0	0	0	396,000
201857	Tapia Hypochlorite Tank Replacement	193,200	0	0	0	0	0	0	0	0	0	193,200
201858	Tapia Secondary Clarifier Rehabilitation	281,000	0	0	0	0	0	0	0	0	0	281,000
201859	Tapia Effluent Meter Replacement	33,000	0	0	0	0	0	0	0	0	0	33,000
201860	Tapia Sludge Wet Well Re-circulation Piping Replacement	0	62,800	0	0	0	0	0	0	0	0	62,800
201861	Tapia Air Line Repair	0	50,000	330,000	0	0	0	0	0	0	0	380,000

Infrastructure Investment Plan
Fiscal Year 2020/21 - Fiscal Year 2029/30

Projects by Location

Project Number	Project Title	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	10-Year Total
201875	Tapia Gantry Crane	0	115,600	0	0	0	0	0	0	0	0	115,600
201904	Tapia Flow Equalization - Design/Construct	100,000	250,000	250,000	3,330,000	3,330,000	0	0	0	0	0	7,260,000
201906	Tapia HVAC Replacement	304,000	0	0	0	0	0	0	0	0	0	304,000
201912	Concrete Corrosion/Crack Repair - Tapia	66,000	66,000	66,000	0	0	0	0	0	0	0	198,000
201913	Tapia Effluent Pump Station Rehabilitation	0	0	0	5,522,500	0	0	0	0	0	0	5,522,500
201916	Control Building Improvements	0	0	2,220,000	2,220,000	0	0	0	0	0	0	4,440,000
201918	003 Discharge Point Rehabilitation	769,300	0	0	0	0	0	0	0	0	0	769,300
60030	Grit Chamber Mixing System Replacement	133,000	0	0	0	0	0	0	0	0	0	133,000
60031	New RAS Wet Well and Pumps	120,000	1,120,000	0	0	0	0	0	0	0	0	1,240,000
60032	Pavement Restoration Tapia	0	0	432,000	0	0	0	0	0	0	0	432,000
	SUB-TOTAL TAPIA	\$5,004,396	\$2,337,600	\$3,496,000	\$11,072,500	\$3,330,000	\$0	\$0	\$0	\$0	\$0	\$25,240,496
	WESTLAKE											
10642	Westlake Pump Station and Filtration Plant Landscaping	0	0	0	0	0	0	0	0	0	0	0
201889	Westlake Treatment Plant and Pump Station Access Road Paving and Drainage	100,000	100,000	267,000	0	0	0	0	0	0	0	467,000
201923	Raw Water Reservoir Cover (Westlake)	300,000	0	0	0	0	0	0	0	0	0	300,000
	SUB-TOTAL WESTLAKE	\$400,000	\$100,000	\$267,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$767,000
	WOOLSEY FIRE											
10689	Rancho Fire Repair - Woolsey Fire	1,484,070	0	0	0	0	0	0	0	0	0	1,484,070
10690	Westlake Filter Plant - Woolsey Fire	3,842,404	0	0	0	0	0	0	0	0	0	3,842,404
10691	Woolsey Fire - Repair LV Facilities	343,200	0	0	0	0	0	0	0	0	0	343,200
10692	JPA Facility Facilities Repair - Woolsey Fire	330,000	0	0	0	0	0	0	0	0	0	330,000
10700	Troutdale Pipeline - Woolsey Fire	654,000	0	0	0	0	0	0	0	0	0	654,000
	SUB-TOTAL WOOLSEY FIRE	\$6,653,674	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,653,674

Infrastructure Investment Plan
Fiscal Year 2020/21 - Fiscal Year 2029/30

Projects by Location

Project Number	Project Title	FY20/21	FY21/22	FY22/23	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	FY28/29	FY29/30	10-Year Total
WOOLSEY FIRE - REIMBURSEMENTS												
201930	Rancho Fire Repair - Woolsey Fire - Reimbursement	-1,484,070	0	0	0	0	0	0	0	0	0	-1,484,070
201931	Woolsey Fire - Westlake Filter Plant - Reimbursement	-3,842,404	0	0	0	0	0	0	0	0	0	-3,842,404
201932	Woolsey Fire - Repair LV Facilities - Reimbursement	-343,200	0	0	0	0	0	0	0	0	0	-343,200
201933	JPA Facility Facilities Repair - Woolsey Fire - Reimbursement	-330,000	0	0	0	0	0	0	0	0	0	-330,000
201934	Troutdale Pipeline - Woolsey Fire - Reimbursement	-654,000	0	0	0	0	0	0	0	0	0	-654,000
SUB-TOTAL WOOLSEY FIRE - REIMBURSEMENTS		\$-6,653,674	\$0	\$-6,653,674								
TOTAL ALL PROJECTS		\$34,333,625	\$23,391,876	\$26,952,462	\$31,228,364	\$34,248,193	\$44,686,660	\$46,026,030	\$38,804,137	\$21,875,972	\$12,572,608	\$314,119,926

Section 3

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Twin Lakes Pump Station Pipeline Project

Job Number: 10430 Responsible Division: Technical Services FY Originated: FY09-10	Priority: 2 Program: No Project Status: Ongoing
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Business Value:
Reliable Water Supplies and Service

Key Standard:
Meet Current and Future Demands

Scope of Work:

Construct a new 4,145 foot 14" steel pipeline from the 30" pipeline at Valley Circle and Andora Street along Valley Circle to Germain Street.

Plans and specifications were completed but the route alignment changed due to the discovery of a hazardous material zone in the previously recommended alignment. Plans and specifications will be developed for the new route and CEQA determination will be required based on the final alignment.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$2,000,000					\$2,000,000	
Labor and G&A Expense	\$220,000					\$220,000	
TOTALS	\$2,220,000	\$0	\$0	\$0	\$0	\$2,220,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$2,220,000

Appropriations & Expenditures:

Approved Appropriation:	\$1,611,458
Project Expense (through 6/30/2019):	\$276,696
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$376,019
Total Project Through 6/30/2020:	\$652,715
Anticipated Carryover:	\$958,743
FY 20-21 Appropriation Request:	\$1,261,257

TOTAL ESTIMATED PROJECT COST:
\$2,872,715

Basis for Project Cost Estimate:

Cost estimate based on preliminary design report.

% 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%

SCADA System Communication Upgrades

99906

Job Number: 10520 Responsible Division: Information Technology FY Originated: FY12-13	Priority: 2 Program: No Project Status: Ongoing
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Business Value:
Innovative and Efficient Operations

Key Standard:
Invest in Efficiency Improvements

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.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding		\$50,000				\$50,000	
Construction			\$300,000	\$250,000		\$550,000	
Labor and G&A Expense			\$96,000	\$80,000		\$176,000	
TOTALS	\$0	\$50,000	\$396,000	\$330,000	\$0	\$776,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$776,000

Appropriations & Expenditures:

Approved Appropriation:	\$93,100
Project Expense (through 6/30/2019):	\$32,447
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$32,447
Anticipated Carryover:	\$60,653
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$808,447
--

Basis for Project Cost Estimate:

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

% 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%

SCADA System Communication Upgrades (LV Only)

99907

Job Number: 10521 Responsible Division: Information Technology FY Originated: FY12-13	Priority: 2 Program: No Project Status: On-Hold
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Business Value:

Innovative and Efficient Operations

Key Standard:

Invest in Efficiency Improvements

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.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding	\$50,000					\$50,000	
Construction		\$300,000	\$300,000			\$600,000	
Labor and G&A Expense		\$96,000	\$96,000			\$192,000	
TOTALS	\$50,000	\$396,000	\$396,000	\$0	\$0	\$842,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$842,000

Appropriations & Expenditures:

Approved Appropriation:	\$1,387,232
Project Expense (through 6/30/2019):	\$141,496
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$141,496
Anticipated Carryover:	\$1,245,736
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$983,496
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Basis for Project Cost Estimate:

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

% 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%			

Interconnection With CMWD

Job Number: 10556 Responsible Division: Technical Services FY Originated: FY 13-14	Priority: 2 Program: No Project Status: Ongoing
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Business Value:

Reliable Water Supplies and Service

Key Standard:

Diverse Portfolio, Resilient to Climate Change

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.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$5,750,000					\$5,750,000	
Labor and G&A Expense	\$345,000					\$345,000	
TOTALS	\$6,095,000	\$0	\$0	\$0	\$0	\$6,095,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$6,095,000

Appropriations & Expenditures:

Approved Appropriation:	\$5,206,566
Project Expense (through 6/30/2019):	\$403,779
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$505,037
Total Project Through 6/30/2020:	\$908,816
Anticipated Carryover:	\$4,297,750
FY 20-21 Appropriation Request:	\$1,797,250

TOTAL ESTIMATED PROJECT COST: \$7,003,816
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Basis for Project Cost Estimate:

Engineering opinion of probable construction costs, Cannon Corporation, 3/15/2018. It is anticipated that there will be IRWM reimbursement for this project.

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

Tapia Programmable Logic Controller Upgrades

99936

<p>Job Number: 10567 Responsible Division: Information Technology FY Originated: FY13-14</p>	<p>Priority: 2 Program: No Project Status: On-Hold</p>
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Business Value:

Innovative and Efficient Operations

Key Standard:

Invest in Efficiency Improvements

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.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$52,800					\$52,800	
Labor and G&A Expense	\$16,896					\$16,896	
TOTALS	\$69,696	\$0	\$0	\$0	\$0	\$69,696	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$69,696

Appropriations & Expenditures:

Approved Appropriation:	\$1,311,560
Project Expense (through 6/30/2019):	\$107,455
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$29,210
Total Project Through 6/30/2020:	\$136,665
Anticipated Carryover:	\$1,174,895
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST:
\$206,361

Basis for Project Cost Estimate:

Cannon Corporation PLC evaluation & Wunderlich - Malec evaluation.

% 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 Stations Programmable Logic Controller Upgrades

99941

Job Number: 10596 Responsible Division: Information Technology FY Originated: FY14-15	Priority: 2 Program: No Project Status: Ongoing
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Business Value:
Innovative and Efficient Operations

Key Standard:
Invest in Efficiency Improvements

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.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding	\$5,000					\$5,000	
Construction	\$20,000	\$20,000				\$40,000	
Labor and G&A Expense	\$6,400	\$6,400				\$12,800	
TOTALS	\$31,400	\$26,400	\$0	\$0	\$0	\$57,800	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$57,800

Appropriations & Expenditures:

Approved Appropriation:	\$49,340
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$49,340
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$57,800

Basis for Project Cost Estimate:

2013 MSO Proposal.

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

Summer Season TMDL Compliance

60048

Job Number: 10619 Responsible Division: Technical Services FY Originated: FY 16-17	Priority: 1 Program: No Project Status: Ongoing
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Business Value:

Protection of Public Health and Environment

Key Standard:

Meet or Exceed Environmental Regulations

Scope of Work:

In February 2017 the SWRCB adopted the Implementation Plan for the 2013 TMDL. The plan provides for compliance with summer time limits within five years. The options for compliance include a "side stream" treatment plant, the use of potable water and nutrient trading in the watershed. This CIP funds the selection, preliminary studies, outreach, CEQA analysis, preliminary design and final design for summer time compliance. Project 10611 (Duct Bank Infrastructure Upgrade) was added to this program for the FY19-20 planning period. Construction of a 1 MGD "side stream" treatment facility at Tapia to treat potable water for stream flow augmentation. Project is currently in 80% final design.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning	\$55,000					\$55,000	
Land Acquisition							
Design	\$100,000					\$100,000	
Bidding							
Construction	\$2,220,000					\$2,220,000	
Labor and G&A Expense	\$244,200					\$244,200	
TOTALS	\$2,619,200	\$0	\$0	\$0	\$0	\$2,619,200	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$2,619,200

Appropriations & Expenditures:

Approved Appropriation:	\$1,449,985
Project Expense (through 6/30/2019):	\$178,175
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$140,000
Total Project Through 6/30/2020:	\$318,175
Anticipated Carryover:	\$1,131,810
FY 20-21 Appropriation Request:	\$1,487,390

TOTAL ESTIMATED PROJECT COST: \$2,937,375
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Basis for Project Cost Estimate:

Cost estimate based upon 2018 Preliminary Design Report completed by Stantec.

% 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%

Canyon Oaks Park RW Main Extension

10602

Job Number: 10629 Responsible Division: Technical Services FY Originated: FY 16-17	Priority: 2 Program: No Project Status: Ongoing
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Business Value:

Maximum Reuse and Resource Recovery

Key Standard:

Maximize Beneficial Use of Recycled Water

Scope of Work:

Extension to serve the City of Westlake Village's Oak Canyon Park and eliminate a long private service line to Yerba Buena School. Funding from Prop 84 IRWM 2015.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$500,000					\$500,000	
Labor and G&A Expense	\$55,000					\$55,000	
TOTALS	\$555,000	\$0	\$0	\$0	\$0	\$555,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$555,000

Appropriations & Expenditures:

Approved Appropriation:	\$399,780
Project Expense (through 6/30/2019):	\$7,451
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$7,451
Anticipated Carryover:	\$392,329
FY 20-21 Appropriation Request:	\$162,671

TOTAL ESTIMATED PROJECT COST: \$562,451
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Basis for Project Cost Estimate:

Based on opinion of probable cost (Cannon Corporation 3/15/2018). There is potential for grant funding (proposition 84) to partially offset project cost.

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

Pure Water Project

Job Number: 10635 Responsible Division: Pure Water FY Originated: FY17-18	Priority: 2 Program: No Project Status: Ongoing
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Business Value:
Maximum Reuse and Resource Recovery

Key Standard:
Maximize Beneficial Use of Recycled Water

Scope of Work:

This project funds preliminary studies, outreach, CEQA analysis, preliminary design and final design.

The 2018 project cost estimate (\$121M) was updated using an annual inflationary factor of 3%.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$1,693,091	\$6,448,485	\$6,641,939			\$14,783,515	
Bidding							
Construction	\$1,097,545	\$1,622,549	\$1,671,226	\$8,960,657	\$20,090,090	\$33,442,067	
Labor and G&A Expense	\$120,730	\$178,480	\$183,835	\$537,639	\$1,205,405	\$2,226,090	
TOTALS	\$2,911,366	\$8,249,514	\$8,497,000	\$9,498,296	\$21,295,495	\$50,451,672	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$31,489,072	\$34,487,418	\$26,842,491	\$10,486,830	\$1,432,047	\$104,737,858	
Labor and G&A Expense	\$1,889,344	\$2,069,245	\$1,610,549	\$629,210	\$105,121	\$6,303,470	
TOTALS	\$33,378,416	\$36,556,663	\$28,453,040	\$11,116,040	\$1,537,168	\$111,041,328	\$161,493,000

Appropriations & Expenditures:

Approved Appropriation:	\$3,456,482
Project Expense (through 6/30/2019):	\$148,654
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$500,000
Total Project Through 6/30/2020:	\$648,654
Anticipated Carryover:	\$2,807,828
FY 20-21 Appropriation Request:	\$103,538

TOTAL ESTIMATED PROJECT COST: \$162,141,654
--

Basis for Project Cost Estimate:

- Title XVI Study: \$121M project cost assuming site on Agoura Road (not including \$2.1M for land).
- \$150K in grant revenue received FY18-19 from Bureau of Reclamation for Title XVI Study.

% 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

60044

Job Number: 10642 Responsible Division: Water Systems FY Originated: FY 16-17	Priority: 2 Program: No Project Status: Ongoing
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Business Value:

High Level of Customer Satisfaction

Key Standard:

Solicit Feedback and Meet Customer Expectations

Scope of Work:

Re-landscape areas near the Westlake Pump Station, and areas around the Westlake Filtration Plant.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Appropriations & Expenditures:

Approved Appropriation:	\$42,900
Project Expense (through 6/30/2019):	\$7,754
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$7,754
Anticipated Carryover:	\$35,146
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$7,754
--

Basis for Project Cost Estimate:

% 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

80644

Job Number: 10651 Responsible Division: Technical Services FY Originated: FY07-08	Priority: 3 Program: No Project Status: On-Hold
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Repairs of concrete columns in Equestrian Tank.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning		\$75				\$75	
Land Acquisition							
Design		\$12,000				\$12,000	
Bidding							
Construction		\$120,000				\$120,000	
Labor and G&A Expense		\$38,400				\$38,400	
TOTALS	\$0	\$170,475	\$0	\$0	\$0	\$170,475	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$170,475

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

\$16,234

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

\$0

Total Project Through 6/30/2020:

\$16,234

Anticipated Carryover:

-\$16,234

FY 20-21 Appropriation Request:

\$16,234

TOTAL ESTIMATED

PROJECT COST:

\$186,709

Basis for Project Cost Estimate:

% 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%			

Cornell Pump Station Upgrades

Job Number: 10655 Responsible Division: Technical Services FY Originated: FY 16-17	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Innovative and Efficient Operations

Key Standard:
Invest in Efficiency Improvements

Scope of Work:

Upgrades to the Cornell Pump Station in anticipation of the long MWD shutdown scheduled for 2023. An additional amount of \$100,000 is added for construction management and inspection allocated in Design.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$3,600,000					\$3,600,000	
Labor and G&A Expense	\$396,000					\$396,000	
TOTALS	\$3,996,000	\$0	\$0	\$0	\$0	\$3,996,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$3,996,000

Appropriations & Expenditures:

Approved Appropriation:	\$281,400
Project Expense (through 6/30/2019):	\$63,123
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$285,603
Total Project Through 6/30/2020:	\$348,726
Anticipated Carryover:	-\$67,326
FY 20-21 Appropriation Request:	\$4,063,326

**TOTAL ESTIMATED
PROJECT COST:
\$4,344,726**

Basis for Project Cost Estimate:

Based on staff estimate.

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

AMR Implementation

Job Number: 10660 Responsible Division: Engineering & External FY Originated: FY1 7-18	Priority: 2 Program: Yes Project Status: Proposed
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Business Value:

High Level of Customer Satisfaction

Key Standard:

Easy to Pay Bill, View Water Usage, Solve Problems

Scope of Work:

Install Automated Meter Reading/Advanced Metering Infrastructure (AMR/AMI) for 2-inch and smaller meters including reclaimed system meters.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$300,000					\$300,000	
Bidding	\$50,000					\$50,000	
Construction	\$2,400,000	\$4,800,000	\$2,432,211			\$9,632,211	
Labor and G&A Expense	\$264,000	\$528,000	\$267,543			\$1,059,543	
TOTALS	\$3,014,000	\$5,328,000	\$2,699,754	\$0	\$0	\$11,041,754	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$11,041,754

Appropriations & Expenditures:

Approved Appropriation:	\$585,000
Project Expense (through 6/30/2019):	\$83,252
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$8,407
Total Project Through 6/30/2020:	\$91,659
Anticipated Carryover:	\$493,341
FY 20-21 Appropriation Request:	\$2,520,659

TOTAL ESTIMATED PROJECT COST: \$11,133,413

Basis for Project Cost Estimate:

Actual cost proposals received.

% 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%			

A/B Bus Electrical Modification

Job Number: 10661	Priority: 3
Responsible Division: Electrical / Instrumentation	Program: No
FY Originated: FY 15-16	Project Status: Proposed

Business Value:
Innovative and Efficient Operations

Key Standard:
Invest in Efficiency Improvements

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.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$85,000					\$85,000	
Labor and G&A Expense	\$15,000					\$15,000	
TOTALS	\$100,000	\$0	\$0	\$0	\$0	\$100,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000

Appropriations & Expenditures:

Approved Appropriation:	\$100,000
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$100,000
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST:
\$100,000

Basis for Project Cost Estimate:

Staff estimate for study only. Construction cost estimate will be developed following the completion of the feasibility study.

% 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%

Potable Water System PLC Upgrade Phase 1

Job Number: 10662 Responsible Division: Information Technology FY Originated: FY 15-16	Priority: 3 Program: No Project Status: Ongoing
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

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.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$143,000			\$143,000	
Labor and G&A Expense			\$45,760			\$45,760	
TOTALS	\$0	\$0	\$188,760	\$0	\$0	\$188,760	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$188,760

Appropriations & Expenditures:

Approved Appropriation:	\$143,000
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$143,000
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$188,760
--

Basis for Project Cost Estimate:

Place holder estimate.

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

ERP Systems

<p>Job Number: 10663 Responsible Division: Finance & Administration FY Originated: FY17-18</p>	<p>Priority: 2 Program: No Project Status: Ongoing</p>
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Business Value:
 Innovative and Efficient Operations

Key Standard:
 Invest in Efficiency Improvements

Scope of Work:

Replacement of the Enterprise Resources Planning Program (ERP). This project will select and implement a new ERP program.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$403,000					\$403,000	
Labor and G&A Expense							
TOTALS	\$403,000	\$0	\$0	\$0	\$0	\$403,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$403,000

Appropriations & Expenditures:

Approved Appropriation:	\$1,500,000
Project Expense (through 6/30/2019):	\$222,166
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$45,218
Total Project Through 6/30/2020:	\$267,384
Anticipated Carryover:	\$1,232,616
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$670,384
--

Basis for Project Cost Estimate:

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

Cordillera Tank Rehab

Job Number: 10665 Responsible Division: Technical Services FY Originated: FY17-18	Priority: 2 Program: No Project Status: Complete
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Rehabilitation of Cordillera Tank including interior and exterior coating, valve and appurtenance upgrades and replacements, restoration of deteriorated asphalt, and work to ensure up-to-date compliance for safety and water quality equipment.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$14,775					\$14,775	
Bidding							
Construction	\$1,298,655					\$1,298,655	
Labor and G&A Expense	\$142,852					\$142,852	
TOTALS	\$1,456,282	\$0	\$0	\$0	\$0	\$1,456,282	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,456,282

Appropriations & Expenditures:

Approved Appropriation:	\$1,201,267
Project Expense (through 6/30/2019):	\$39,879
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$39,879
Anticipated Carryover:	\$1,161,388
FY 20-21 Appropriation Request:	\$294,894

TOTAL ESTIMATED PROJECT COST: \$1,496,161
--

Basis for Project Cost Estimate:

% 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%

Calabasas Park Recycled Water Main Extension

Job Number: 10666 Responsible Division: Technical Services FY Originated: FY17-18	Priority: 2 Program: No Project Status: Ongoing
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Business Value:

Maximum Reuse and Resource Recovery

Key Standard:

Maximize Beneficial Use of Recycled Water

Scope of Work:

Install approximately 1,200 linear feet of 6-8 inch pipeline to loop the existing recycled water system.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$10,000					\$10,000	
Bidding							
Construction		\$400,000				\$400,000	
Labor and G&A Expense		\$128,000				\$128,000	
TOTALS	\$10,000	\$528,000	\$0	\$0	\$0	\$538,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$538,000

Appropriations & Expenditures:

Approved Appropriation:	\$320,000
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$100,000
Total Project Through 6/30/2020:	\$100,000
Anticipated Carryover:	\$220,000
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$638,000
--

Basis for Project Cost Estimate:

% 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 Las Virgenes Storm Water Diversion Structure Replacement

Job Number: 10668 Responsible Division: Technical Services FY Originated: FY17-18	Priority: 1 Program: No Project Status: Ongoing
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Business Value:

Protection of Public Health and Environment

Key Standard:

Meet or Exceed Environmental Regulations

Scope of Work:

Replacement of two storm water diversion structures at the Rancho Las Virgenes Composting Facility. Structures have lifted and need to be addressed.

The drainage from the V-ditch goes to a discharge point in Las Virgenes Creek. There is a concern that sludge and/or reclaimed water entering into the V-ditch could enter the creek via the drainage from the V-ditch. An Open/Close valve should be installed at the drainage area so that operators control the contents of the V-ditch. A sump pump system with discharge piping should also be included so that the contents can be pumped either to the field of offsite.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning	\$30,000					\$30,000	
Land Acquisition							
Design		\$10,000				\$10,000	
Bidding		\$2,000				\$2,000	
Construction		\$80,000				\$80,000	
Labor and G&A Expense		\$25,600				\$25,600	
TOTALS	\$30,000	\$117,600	\$0	\$0	\$0	\$147,600	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$147,600

Appropriations & Expenditures:

Approved Appropriation:	\$41,767
Project Expense (through 6/30/2019):	\$3,746
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$3,746
Anticipated Carryover:	\$38,021
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$151,346
--

Basis for Project Cost Estimate:

Engineer's estimate, 2019.

% 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%

Develop Tour Seating Area at Tapia

Job Number: 10669 Responsible Division: Engineering & External FY Originated: FY17-18	Priority: 3 Program: No Project Status: Ongoing
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Business Value:

Protection of Public Health and Environment

Key Standard:

Effective Watershed Leader and Environmental Steward

Scope of Work:

Develop tour seating area and climate appropriate landscaping at Tapia adjacent to the control building.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding	\$5,000					\$5,000	
Construction	\$100,000					\$100,000	
Labor and G&A Expense	\$11,000					\$11,000	
TOTALS	\$116,000	\$0	\$0	\$0	\$0	\$116,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$116,000

Appropriations & Expenditures:

Approved Appropriation:	\$25,000
Project Expense (through 6/30/2019):	\$14,035
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$14,035
Anticipated Carryover:	\$10,965
FY 20-21 Appropriation Request:	\$105,035

TOTAL ESTIMATED PROJECT COST: \$130,035
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Basis for Project Cost Estimate:

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

Centrate 24" Valve Replacement

Job Number: 10670 Responsible Division: Facilities Maintenance FY Originated: FY17-18	Priority: 1 Program: No Project Status: Ongoing
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace two (2) buried 24-inch Miliken valves at the centrate facility.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$25,000					\$25,000	
Bidding							
Construction	\$200,000					\$200,000	
Labor and G&A Expense	\$64,000					\$64,000	
TOTALS	\$289,000	\$0	\$0	\$0	\$0	\$289,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$289,000

Appropriations & Expenditures:

Approved Appropriation:	\$264,000
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$264,000
FY 20-21 Appropriation Request:	\$25,000

TOTAL ESTIMATED PROJECT COST: \$289,000
--

Basis for Project Cost Estimate:

% 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%

Saddle Peak Tank Rehabilitation

Job Number: 10671 Responsible Division: Technical Services FY Originated: FY17-18	Priority: 2 Program: No Project Status: Complete
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Business Value:
Reliable Water Supplies and Service

Key Standard:
Comprehensive Maintenance and Replacement Programs

Scope of Work:

Rehabilitation including interior and exterior coating, valve and appurtenance upgrades and replacements, restoration of deteriorated asphalt, and work to ensure up-to-date compliance for safety and water quality equipment.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$14,775					\$14,775	
Bidding							
Construction	\$1,165,242					\$1,165,242	
Labor and G&A Expense	\$128,177					\$128,177	
TOTALS	\$1,308,194	\$0	\$0	\$0	\$0	\$1,308,194	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,308,194

Appropriations & Expenditures:

Approved Appropriation:	\$1,028,880
Project Expense (through 6/30/2019):	\$52,878
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$4,904
Total Project Through 6/30/2020:	\$57,782
Anticipated Carryover:	\$971,098
FY 20-21 Appropriation Request:	\$337,096

TOTAL ESTIMATED PROJECT COST: \$1,365,976
--

Basis for Project Cost Estimate:

% 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%			

Stationary Emergency Generator - PW Pump Station

Job Number: 10672 Responsible Division: Technical Services FY Originated: FY17-18	Priority: 2 Program: No Project Status: Ongoing
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Stationary Emergency Generators at Jed Smith PS, Cold Canyon PS, Twin Lakes PS, and Seminole PS. An additional amount of \$100,000 is added for construction management and inspection allocated in Design.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$3,000,000					\$3,000,000	
Labor and G&A Expense	\$330,000					\$330,000	
TOTALS	\$3,330,000	\$0	\$0	\$0	\$0	\$3,330,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$3,330,000

Appropriations & Expenditures:

Approved Appropriation:	\$387,868
Project Expense (through 6/30/2019):	\$113,343
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$252,652
Total Project Through 6/30/2020:	\$365,995
Anticipated Carryover:	\$21,873
FY 20-21 Appropriation Request:	\$3,308,127

TOTAL ESTIMATED PROJECT COST: \$3,695,995
--

Basis for Project Cost Estimate:

Construction cost is based on preliminary generator size for each pump station.

% 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%			

Pressure Reducing Station #45 (Kimberly) Rehabilitation

Job Number: 10674 Responsible Division: Technical Services FY Originated: FY17-18	Priority: 2 Program: No Project Status: Ongoing
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Business Value:

Reliable Water Supplies and Service

Key Standard:

Comprehensive Maintenance and Replacement Programs

Scope of Work:

Install new supply piping, pressure reducing valves (Cla-Val) and isolation valves with corrosion control coatings applied.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$30,000					\$30,000	
Bidding							
Construction	\$250,000					\$250,000	
Labor and G&A Expense	\$80,000					\$80,000	
TOTALS	\$360,000	\$0	\$0	\$0	\$0	\$360,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$360,000

Appropriations & Expenditures:

Approved Appropriation:	\$287,514
Project Expense (through 6/30/2019):	\$15,355
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$50,000
Total Project Through 6/30/2020:	\$65,355
Anticipated Carryover:	\$222,159
FY 20-21 Appropriation Request:	\$137,841

TOTAL ESTIMATED PROJECT COST: \$425,355
--

Basis for Project Cost Estimate:

Costs based on staff estimate.

% 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

Pressure Reducing Station #32 (Old Chimney) Rehabilitation

Job Number: 10675 Responsible Division: Technical Services FY Originated: FY17-18	Priority: 2 Program: No Project Status: Ongoing
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Business Value:

Reliable Water Supplies and Service

Key Standard:

Comprehensive Maintenance and Replacement Programs

Scope of Work:

Install new supply piping , pressure reducing valves (Cla-Val) and isolation valves with corrosion control coatings applied.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$30,000					\$30,000	
Bidding							
Construction	\$250,000					\$250,000	
Labor and G&A Expense	\$80,000					\$80,000	
TOTALS	\$360,000	\$0	\$0	\$0	\$0	\$360,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$360,000

Appropriations & Expenditures:

Approved Appropriation:	\$345,337
Project Expense (through 6/30/2019):	\$17,639
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$50,000
Total Project Through 6/30/2020:	\$67,639
Anticipated Carryover:	\$277,698
FY 20-21 Appropriation Request:	\$82,302

TOTAL ESTIMATED PROJECT COST: \$427,639
--

Basis for Project Cost Estimate:

Cost based on staff estimate.

% 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%			

Deerlake Tank and Twin Lakes Tank Pump Station (Parent)

Job Number: 10678 Responsible Division: Technical Services FY Originated: FY17-18	Priority: 2 Program: No Project Status: Ongoing
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Business Value:
Reliable Water Supplies and Service

Key Standard:
Meet Current and Future Demands

Scope of Work:

Upgrades to Twin Lakes Pump Station to meet the demand of the new Deerlake development. Parent to sub project CIP# 10685 & 10686.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Appropriations & Expenditures:

Approved Appropriation:	\$2,610,970
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$2,610,970
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST:
\$0

Basis for Project Cost Estimate:

District financial participation in storage and pumping capacity for Deerlake development.

% 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

New Fire Panel for Building #8

Job Number: 10679 Responsible Division: Facilities Maintenance FY Originated: FY17-18	Priority: 2 Program: No Project Status: Ongoing
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace existing fire panel and all attached devices.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense	\$24,000					\$24,000	
TOTALS	\$24,000	\$0	\$0	\$0	\$0	\$24,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$24,000

Appropriations & Expenditures:

Approved Appropriation:	\$110,000
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$110,000
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$24,000

Basis for Project Cost Estimate:

% 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 Las Virgenes Digester Cleaning and Repair

Job Number: 10680 Responsible Division: Technical Services FY Originated: FY17-18	Priority: 2 Program: No Project Status: Ongoing
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:
Rehabilitation and repair of Digester No. 2 at Rancho Compost Facility.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$470,500					\$470,500	
Labor and G&A Expense	\$150,560					\$150,560	
TOTALS	\$621,060	\$0	\$0	\$0	\$0	\$621,060	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$621,060

Appropriations & Expenditures:

Approved Appropriation:	\$2,107,776
Project Expense (through 6/30/2019):	\$438,305
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$1,797,123
Total Project Through 6/30/2020:	\$2,235,428
Anticipated Carryover:	-\$127,652
FY 20-21 Appropriation Request:	\$748,712

TOTAL ESTIMATED PROJECT COST:
\$2,856,488

Basis for Project Cost Estimate:

Construction cost is based on lowest responsible bidder.

% 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%

Boardroom Audio/Video Upgrade

Job Number: 10683 Responsible Division: Information Technology FY Originated: FY17-18	Priority: 2 Program: No Project Status: Ongoing
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Business Value:

High Level of Customer Satisfaction

Key Standard:

Employ Technology to Improve Services

Scope of Work:

Upgrade the boardroom audio visual system.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense	\$5,000					\$5,000	
TOTALS	\$5,000	\$0	\$0	\$0	\$0	\$5,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000

Appropriations & Expenditures:

Approved Appropriation:	\$60,000
Project Expense (through 6/30/2019):	\$2,875
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$9,063
Total Project Through 6/30/2020:	\$11,938
Anticipated Carryover:	\$48,062
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$16,938

Basis for Project Cost Estimate:

% 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

Upper Oaks Pump Station Electrical Upgrade

Job Number: 10684 Responsible Division: Technical Services FY Originated: FY17-18	Priority: 2 Program: No Project Status: Ongoing
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Business Value:

Reliable Water Supplies and Service

Key Standard:

Comprehensive Maintenance and Replacement Programs

Scope of Work:

The Upper Oaks Pump Station capacity was increased to meet high demands in the subsystem. However, the increased capacity limits the number of pumps that can be operated due to the increased electrical draw. This project will analyze and increase the electrical service to the pump station.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
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	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$132,000

Appropriations & Expenditures:

Approved Appropriation:	\$10,000
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$10,000
FY 20-21 Appropriation Request:	\$122,000

TOTAL ESTIMATED PROJECT COST: \$132,000
--

Basis for Project Cost Estimate:

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

Deerlake Tank Construction

Job Number: 10685 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Key Standard:

Scope of Work:

Sub-project of 10678 - Deerlake Tank

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$1,055,736					\$1,055,736	
Labor and G&A Expense	\$116,131					\$116,131	
TOTALS	\$1,171,867	\$0	\$0	\$0	\$0	\$1,171,867	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,171,867

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019): \$0
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020): \$369,508
 Total Project Through 6/30/2020: **\$369,508**
 Anticipated Carryover: -\$369,508
FY 20-21 Appropriation Request: \$1,541,375

TOTAL ESTIMATED PROJECT COST: \$1,541,375
--

Basis for Project Cost Estimate:

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

Twin Lakes P/S Improvement

Job Number: 10686 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Reliable Water Supplies and Service

Key Standard:
Comprehensive Maintenance and Replacement Programs

Scope of Work:
Sub-project of 10678

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$639,297					\$639,297	
Labor and G&A Expense	\$70,323					\$70,323	
TOTALS	\$709,620	\$0	\$0	\$0	\$0	\$709,620	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$709,620

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$287,684
Total Project Through 6/30/2020:	\$287,684
Anticipated Carryover:	-\$287,684
FY 20-21 Appropriation Request:	\$997,304

TOTAL ESTIMATED PROJECT COST:
\$997,304

Basis for Project Cost Estimate:

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

Rancho Fire Repair - Woolsey Fire

Job Number: 10689 Responsible Division: Technical Services FY Originated: FY19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Repair compost and cure building, fire damaged windows and roofing, mechanical equipment, irrigation system, electrical, architectural facade, biofilter and other damaged items.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$1,337,000					\$1,337,000	
Labor and G&A Expense	\$147,070					\$147,070	
TOTALS	\$1,484,070	\$0	\$0	\$0	\$0	\$1,484,070	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,484,070

Appropriations & Expenditures:

Approved Appropriation:	\$1,989,455
Project Expense (through 6/30/2019):	\$2,943
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$680,042
Total Project Through 6/30/2020:	\$682,985
Anticipated Carryover:	\$1,306,470
FY 20-21 Appropriation Request:	\$177,600

TOTAL ESTIMATED PROJECT COST: \$2,167,055
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Basis for Project Cost Estimate:

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

Westlake Filter Plant - Woolsey Fire

70024

Job Number: 10690 Responsible Division: Technical Services FY Originated: FY18-19	Priority: 1 Program: No Project Status: Proposed
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Business Value:
Reliable Water Supplies and Service

Key Standard:
Comprehensive Maintenance and Replacement Programs

Scope of Work:

Repair fire damage to building arcade, roof repair, electrical/mechanical repair, rebuild chemical pump and irrigation system. Landscaping on Westlake Filter Plant and Torchwood Tank.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$3,461,625					\$3,461,625	
Labor and G&A Expense	\$380,779					\$380,779	
TOTALS	\$3,842,404	\$0	\$0	\$0	\$0	\$3,842,404	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$3,842,404

Appropriations & Expenditures:

Approved Appropriation:	\$2,016,925
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$85,120
Total Project Through 6/30/2020:	\$85,120
Anticipated Carryover:	\$1,931,805
FY 20-21 Appropriation Request:	\$1,910,599

TOTAL ESTIMATED PROJECT COST: \$3,927,524
--

Basis for Project Cost Estimate:

Staff estimate.

% 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%			

Woolsey Fire - Repair LV Facilities

Job Number: 10691 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Ongoing
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Business Value:

Reliable Water Supplies and Service

Key Standard:

Comprehensive Maintenance and Replacement Programs

Scope of Work:

Repair damaged HQ irrigation, irrigation adjacent to Dog Park, clean debris basin, and repair guardrails.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$260,000					\$260,000	
Labor and G&A Expense	\$83,200					\$83,200	
TOTALS	\$343,200	\$0	\$0	\$0	\$0	\$343,200	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$343,200

Appropriations & Expenditures:

Approved Appropriation:	\$908,493
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$122,105
Total Project Through 6/30/2020:	\$122,105
Anticipated Carryover:	\$786,388
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST:
\$465,305

Basis for Project Cost Estimate:

Based on Staff estimate, and preliminary design report.

% 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%			

JPA Facility Facilities Repair - Woolsey Fire

70030

Job Number: 10692 Responsible Division: Technical Services FY Originated: FY18-19	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Repair JPA owned fire damaged facilities, property and equipment. Damage include irrigation systems at Rancho Compost Facility and Reservoir 2. Budget for design under CIP# 10691.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$250,000					\$250,000	
Labor and G&A Expense	\$80,000					\$80,000	
TOTALS	\$330,000	\$0	\$0	\$0	\$0	\$330,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$330,000

Appropriations & Expenditures:

Approved Appropriation:	\$878,612
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$3,864
Total Project Through 6/30/2020:	\$3,864
Anticipated Carryover:	\$874,748
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$333,864
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Basis for Project Cost Estimate:

% 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

60033

Job Number: 10693 Responsible Division: Water Reclamation FY Originated: FY 16-17	Priority: 3 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Pavement restoration/slurry seal at Rancho. This project needs to occur after project No.'s 10668 (Storm water Structure Repair) and 201862 (Rancho Valving Repairs).

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design			\$2,000			\$2,000	
Bidding			\$1,000			\$1,000	
Construction			\$400,000			\$400,000	
Labor and G&A Expense			\$128,000			\$128,000	
TOTALS	\$0	\$0	\$531,000	\$0	\$0	\$531,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$531,000

Appropriations & Expenditures:

Approved Appropriation:	\$533,320
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$533,320
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$531,000
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Basis for Project Cost Estimate:

Staff estimate.

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

Building No. 8 Office Space Rehabilitation

60046

Job Number: 10694 Responsible Division: Technical Services FY Originated: FY 16-17	Priority: 3 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace carpet, paint, and other interior features are showing wear and have reached their useful life. Fiscal Year (FY) 2019 -20 activity will focus on the Board Room, while FY 2020-21 work will focus on Building 8 staff and common areas.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$30,000					\$30,000	
Bidding							
Construction	\$400,000					\$400,000	
Labor and G&A Expense	\$128,000					\$128,000	
TOTALS	\$558,000	\$0	\$0	\$0	\$0	\$558,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$558,000

Appropriations & Expenditures:

Approved Appropriation:	\$426,100
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$426,100
FY 20-21 Appropriation Request:	\$131,900

TOTAL ESTIMATED PROJECT COST: \$558,000
--

Basis for Project Cost Estimate:

Based on construction costs for Building No.7. Cost estimates include design and coordination services, desks, carpet, paint, installation, and inflation.

% 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%			

Troutdale Pipeline - Woolsey Fire

70027

Job Number: 10700 Responsible Division: Technical Services FY Originated: FY18-19	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Water main break/failure due to LA County bridge collapse. Permanent repair requires 215 feet of steel pipe across bridge.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$60,000					\$60,000	
Bidding							
Construction	\$450,000					\$450,000	
Labor and G&A Expense	\$144,000					\$144,000	
TOTALS	\$654,000	\$0	\$0	\$0	\$0	\$654,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$654,000

Appropriations & Expenditures:

Approved Appropriation:	\$330,000
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$330,000
FY 20-21 Appropriation Request:	\$324,000

TOTAL ESTIMATED PROJECT COST: \$654,000
--

Basis for Project Cost Estimate:

% 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

Electronic Document Management System

10701

Job Number: 10701 Responsible Division: Information Technology FY Originated: FY17-18	Priority: 2 Program: No Project Status: Ongoing
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Business Value:
Innovative and Efficient Operations

Key Standard:
Invest in Efficiency Improvements

Scope of Work:

Staff is evaluating the capabilities of the District's newly acquired Enterprise Resource Planning (ERP) software to determine if electronic document management capabilities can be accomplished within that platform.

Purchase of Microsoft Office 365 for cloud document management and file sharing.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction		\$100,000				\$100,000	
Labor and G&A Expense							
TOTALS	\$0	\$100,000	\$0	\$0	\$0	\$100,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000

Appropriations & Expenditures:

Approved Appropriation:	\$100,000
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$100,000
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST:
\$100,000

Basis for Project Cost Estimate:

% 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 Effluent Pump Station 4160 Volt Feeder Relocation

201808

Job Number: 10702 Responsible Division: Electrical / Instrumentation FY Originated: FY17-18	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Protection of Public Health and Environment

Key Standard:

Safe and Reliable Wastewater Services

Scope of Work:

Remove or abandon in place existing 4160 volt feeders currently suspended from the top slab of the Effluent Pump Station wet well, underneath the existing MCCs. Perform electrical design and replace the overhead 4160 volt feeders. Ensure coordination with 480 volt switch gear improvements.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$85,000	\$150,000	\$150,000			\$385,000	
Labor and G&A Expense	\$15,000	\$48,000	\$48,000			\$111,000	
TOTALS	\$100,000	\$198,000	\$198,000	\$0	\$0	\$496,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$496,000

Appropriations & Expenditures:

Approved Appropriation:	\$100,000
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$100,000
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$496,000
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Basis for Project Cost Estimate:

% 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 Tertiary Filter Rehabilitation

201810

Job Number: 10703 Responsible Division: Technical Services FY Originated: FY17-18	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Protection of Public Health and Environment

Key Standard:
Safe and Reliable Wastewater Services

Scope of Work:

Tertiary Filters concrete rehabilitation. Approximately 25 locations that require a 1 square foot patching with rebar repair. Replace 45 metal plates (2' X 4') on the filter deck and fix concrete around the plates with proper joint sealer. Also include the repair of an electrical panel in the Filter gallery. Replace existing electric actuators at filter structure with new electric actuators. Program plant control system to function with both remote PLC control of actuators and local actuator control. Upgrade local controls to replace old filter annunciator panels which are currently located on the top deck of the filter structure.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction		\$60,000				\$60,000	
Labor and G&A Expense		\$19,200				\$19,200	
TOTALS	\$0	\$79,200	\$0	\$0	\$0	\$79,200	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$79,200

Appropriations & Expenditures:

Approved Appropriation:	\$60,000
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$60,000
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST:
\$79,200

Basis for Project Cost Estimate:

Cost estimate based on 2018 KEH report.

% 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%

Pressure Regulating Station Rehabilitation #55 (Hindu Temple)

201826

Job Number: 10705 Responsible Division: Technical Services FY Originated: FY17-18	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Reliable Water Supplies and Service

Key Standard:

Comprehensive Maintenance and Replacement Programs

Scope of Work:

Install new piping and isolation valves with corrosion control coatings applied.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$180,000					\$180,000	
Labor and G&A Expense	\$57,600					\$57,600	
TOTALS	\$237,600	\$0	\$0	\$0	\$0	\$237,600	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$237,600

Appropriations & Expenditures:

Approved Appropriation:	\$180,000
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$100,000
Total Project Through 6/30/2020:	\$100,000
Anticipated Carryover:	\$80,000
FY 20-21 Appropriation Request:	\$157,600

TOTAL ESTIMATED PROJECT COST:
\$337,600

Basis for Project Cost Estimate:

% 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

Mobility Review

201838

<p>Job Number: 10706 Responsible Division: Information Technology FY Originated: FY17-18</p>	<p>Priority: 2 Program: No Project Status: Ongoing</p>
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Business Value:

Innovative and Efficient Operations

Key Standard:

Use Proven Technologies to Increase Efficiency

Scope of Work:

Identify mobility requirements to support secure remote access to District's applications.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning	\$50,000	\$50,000				\$100,000	
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$50,000	\$50,000	\$0	\$0	\$0	\$100,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000

Appropriations & Expenditures:

Approved Appropriation:	\$50,000
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$50,000
FY 20-21 Appropriation Request:	\$0

<p>TOTAL ESTIMATED PROJECT COST: \$100,000</p>

Basis for Project Cost Estimate:

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

Business Intelligence Tools

Job Number: 201837 Responsible Division: Information Technology FY Originated: FY17-18	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Innovative and Efficient Operations

Key Standard:

Use Proven Technologies to Increase Efficiency

Scope of Work:

Implement management dashboards to display performance indicators.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding	\$5,000					\$5,000	
Construction		\$95,000				\$95,000	
Labor and G&A Expense		\$30,400				\$30,400	
TOTALS	\$5,000	\$125,400	\$0	\$0	\$0	\$130,400	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$130,400

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$5,000

TOTAL ESTIMATED PROJECT COST: \$130,400
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Basis for Project Cost Estimate:

% 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 Reliability Improvements

Job Number: 201839 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: Yes Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:

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

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
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	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
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	\$1,320,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:

TOTAL ESTIMATED PROJECT COST: \$1,320,000
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FY 20-21 Appropriation Request: \$132,000

Basis for Project Cost Estimate:

% 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 Improvements

<p>Job Number: 201840</p> <p>Responsible Division: Water Reclamation</p> <p>FY Originated: FY 19-20</p>	<p>Priority: 2</p> <p>Program: Yes</p> <p>Project Status: Proposed</p>
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:

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

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
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	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
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	\$1,320,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$132,000

TOTAL ESTIMATED PROJECT COST:
\$1,320,000

Basis for Project Cost Estimate:

% 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%

Vehicle Replacement Program

Job Number: 201841 Responsible Division: Facilities Maintenance FY Originated: FY 19-20	Priority: 3 Program: Yes Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:
Annual fleet vehicle replacements.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	
Labor and G&A Expense							
TOTALS	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	
Labor and G&A Expense							
TOTALS	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$2,000,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019): \$0
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020): \$0
 Total Project Through 6/30/2020: \$0
 Anticipated Carryover: \$0
FY 20-21 Appropriation Request: \$200,000

TOTAL ESTIMATED PROJECT COST: \$2,000,000
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Basis for Project Cost Estimate:

% 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: 201842 Responsible Division: Information Technology FY Originated: FY 19-20	Priority: 3 Program: Yes Project Status: Proposed
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Business Value:

Innovative and Efficient Operations

Key Standard:

Invest in Efficiency Improvements

Scope of Work:

Purchase of Information Technology related software and equipment.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	
Labor and G&A Expense							
TOTALS	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	
Labor and G&A Expense							
TOTALS	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	\$750,000

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

\$0

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

\$0

Total Project Through 6/30/2020:

\$0

Anticipated Carryover:

\$0

FY 20-21 Appropriation Request:

\$75,000

TOTAL ESTIMATED PROJECT COST: \$750,000
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Basis for Project Cost Estimate:

% 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

JBR Pump Station Pump 2 Rehabilitation

Job Number: 201843 Responsible Division: Facilities Maintenance FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Reliable Water Supplies and Service

Key Standard:
Comprehensive Maintenance and Replacement Programs

Scope of Work:
Replace horizontal split case at JBR Pump Station.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$30,000					\$30,000	
Labor and G&A Expense	\$9,600					\$9,600	
TOTALS	\$39,600	\$0	\$0	\$0	\$0	\$39,600	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$39,600

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$39,600

TOTAL ESTIMATED PROJECT COST:
\$39,600

Basis for Project Cost Estimate:

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

Potable Water System Rehabilitation

<p>Job Number: 201847 Responsible Division: Technical Services FY Originated: FY 19-20</p>	<p>Priority: 2 Program: No Project Status: Proposed</p>
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Business Value:

Reliable Water Supplies and Service

Key Standard:

Comprehensive Maintenance and Replacement Programs

Scope of Work:

Programatic identification and replacement of portions of the potable water system. The goals of this program is to repair and replace portions of the system to prevent system failures.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	
Labor and G&A Expense	\$64,000	\$64,000	\$64,000	\$64,000	\$64,000	\$320,000	
TOTALS	\$264,000	\$264,000	\$264,000	\$264,000	\$264,000	\$1,320,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	
Labor and G&A Expense	\$64,000	\$64,000	\$64,000	\$64,000	\$64,000	\$320,000	
TOTALS	\$264,000	\$264,000	\$264,000	\$264,000	\$264,000	\$1,320,000	\$2,640,000

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

\$0

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

\$0

Total Project Through 6/30/2020:

\$0

Anticipated Carryover:

\$0

FY 20-21 Appropriation Request:

\$264,000

TOTAL ESTIMATED

PROJECT COST:

\$2,640,000

Basis for Project Cost Estimate:

% 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%			

PW System Small Valve Replacement

Job Number: 201848 Responsible Division: Water Systems FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:

Replacement of potable water system feeder valves. The activity for FY 20-21 is for valve replacement in the Calabasas portion of the potable water system. Activity in fiscal years 2022-2030 are typically 16" and larger.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning	\$3,000	\$3,000				\$6,000	
Land Acquisition							
Design	\$10,000	\$15,000				\$25,000	
Bidding	\$2,000	\$2,000				\$4,000	
Construction	\$250,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,050,000	
Labor and G&A Expense	\$80,000	\$64,000	\$64,000	\$64,000	\$64,000	\$336,000	
TOTALS	\$345,000	\$284,000	\$264,000	\$264,000	\$264,000	\$1,421,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	
Labor and G&A Expense	\$64,000	\$64,000	\$64,000	\$64,000	\$64,000	\$320,000	
TOTALS	\$264,000	\$264,000	\$264,000	\$264,000	\$264,000	\$1,320,000	\$2,741,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$345,000

TOTAL ESTIMATED PROJECT COST: \$2,741,000
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Basis for Project Cost Estimate:

% 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%			

Cla-Val Repair Truck

Job Number: 201850 Responsible Division: Water Systems FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:
Innovative and Efficient Operations

Key Standard:
Invest in Efficiency Improvements

Scope of Work:
Specialized piece of equipment for repair of Cla-Val valves.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$200,000					\$200,000	
Labor and G&A Expense							
TOTALS	\$200,000	\$0	\$0	\$0	\$0	\$200,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000

Appropriations & Expenditures:

Approved Appropriation: \$0
 Project Expense (through 6/30/2019): \$0
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020): \$0
 Total Project Through 6/30/2020: **\$0**
 Anticipated Carryover: \$0
FY 20-21 Appropriation Request: \$200,000

TOTAL ESTIMATED PROJECT COST: \$200,000

Basis for Project Cost Estimate:

% 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%			

Three Inch (3") & Larger Meter Replacements

Job Number: 201851	Priority: 2
Responsible Division: Customer Service	Program: No
FY Originated: FY 19-20	Project Status: Proposed

Business Value: Reliable Water Supplies and Service
Key Standard: Comprehensive Maintenance and Replacement Programs

Scope of Work:

The scope of work is to replace all 3"-10" meters in preparation for automated meter reading infrastructure integration. There are approximately 40 three inch (3") meters; 26 four inch (4") meters; 22 six inch (6") meters; four (4) eight inch (8") meters; and two (2) ten inch (10") meters that will be replaced as part of this program.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding	\$1,000	\$1,000				\$2,000	
Construction	\$150,000	\$150,000				\$300,000	
Labor and G&A Expense	\$6,000	\$6,000				\$12,000	
TOTALS	\$157,000	\$157,000	\$0	\$0	\$0	\$314,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	

Appropriations & Expenditures:

Approved Appropriation: \$0
 Project Expense (through 6/30/2019): \$0
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020): \$0
 Total Project Through 6/30/2020: \$0
 Anticipated Carryover: \$0
FY 20-21 Appropriation Request: \$157,000

TOTAL ESTIMATED PROJECT COST:
\$314,000

Basis for Project Cost Estimate:

% 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%			

Meter Vault Upgrades

Job Number: 201853 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: Yes Project Status: Proposed
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Business Value:
Reliable Water Supplies and Service

Key Standard:
Comprehensive Maintenance and Replacement Programs

Scope of Work:

Meter vault upgrades. Raising meters above grade and upgrading area safety.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$50,000	\$50,000	\$50,000			\$150,000	
Labor and G&A Expense	\$16,000	\$16,000	\$16,000			\$48,000	
TOTALS	\$66,000	\$66,000	\$66,000	\$0	\$0	\$198,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$198,000

Appropriations & Expenditures:

Approved Appropriation: \$0
 Project Expense (through 6/30/2019): \$0
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020): \$0
 Total Project Through 6/30/2020: \$0
 Anticipated Carryover: \$0
FY 20-21 Appropriation Request: \$66,000

TOTAL ESTIMATED PROJECT COST:
\$198,000

Basis for Project Cost Estimate:

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

Tapia Influent Pump Replacement

Job Number: 201854 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:

Replacement of two (2) influent pumps with dry pit submersible pumps. Dry pit submersible pumps will improve staff's ability to maintain and improve staff safety when performing maintenance.

This project was identified in the 2017 Carollo study.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction		\$300,000				\$300,000	
Labor and G&A Expense		\$96,000				\$96,000	
TOTALS	\$0	\$396,000	\$0	\$0	\$0	\$396,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$396,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$396,000
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Basis for Project Cost Estimate:

Maintenance estimate pending Technical Services review.

% 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%

Lift Station No. 1 Pump Replacement

Job Number: 201855 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Key Standard:

Scope of Work:

Replacement of three (3) pumps with dry pit submersible pumps. Dry pit submersible pumps will improve staff's ability to maintain and improve staff safety when performing maintenance.

This project was identified in the 2017 Carollo study.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$300,000			\$300,000	
Labor and G&A Expense			\$96,000			\$96,000	
TOTALS	\$0	\$0	\$396,000	\$0	\$0	\$396,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$396,000

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

Total Project Through 6/30/2020:

Anticipated Carryover:

FY 20-21 Appropriation Request:

\$0

TOTAL ESTIMATED PROJECT COST: \$396,000
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Basis for Project Cost Estimate:

Maintenance estimate pending Technical Services Review

% 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 Station No. 2 Pump Replacement

Job Number: 201856 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:

Replacement of three (3) pumps with submersible pumps. Submersible pumps will improve staff's ability to maintain and improve staff safety when performing maintenance.

This project was identified in the 2017 Carollo study.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction				\$300,000		\$300,000	
Labor and G&A Expense				\$96,000		\$96,000	
TOTALS	\$0	\$0	\$0	\$396,000	\$0	\$396,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$396,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:

**TOTAL ESTIMATED
PROJECT COST:
\$396,000**

FY 20-21 Appropriation Request: **\$0**

Basis for Project Cost Estimate:

Maintenance estimates

% 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 Hypochlorite Tank Replacement

Job Number: 201857 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace the three fiberglass sodium hypochlorite tanks at Tapia. They are over 20 years old and beyond their expected life span. Leaks have been frequently developing and repairs are costly and difficult.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$15,000					\$15,000	
Bidding							
Construction	\$135,000					\$135,000	
Labor and G&A Expense	\$43,200					\$43,200	
TOTALS	\$193,200	\$0	\$0	\$0	\$0	\$193,200	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$193,200

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$193,200

TOTAL ESTIMATED PROJECT COST: \$193,200
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Basis for Project Cost Estimate:

% 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 Secondary Clarifier Rehabilitation

Job Number: 201858 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Repair the secondary clarifiers. The current launders are leaking and need to have the wall seal repaired. Replacement on the inlet diffusers and skimming tubes is also necessary as they are corroded and leaking. Re-caulking the expansion joints and structural repairs to catwalks are needed as they are separating from the wall.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$15,000					\$15,000	
Bidding	\$2,000					\$2,000	
Construction	\$200,000					\$200,000	
Labor and G&A Expense	\$64,000					\$64,000	
TOTALS	\$281,000	\$0	\$0	\$0	\$0	\$281,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$281,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$281,000

TOTAL ESTIMATED PROJECT COST: \$281,000
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Basis for Project Cost Estimate:

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

Tapia Effluent Meter Replacement

Job Number: 201859 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

With the summertime compliance project being constructed next year, the 001 out fall meter will be removed. Additionally, the Tapia groundwater meter has aged out and the 003 meter needs to be replaced. These meters are regulatory required. This project replaces the 001, 003 and the Tapia groundwater effluent meters.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
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	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$33,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$33,000

TOTAL ESTIMATED PROJECT COST: \$33,000

Basis for Project Cost Estimate:

% 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 Sludge Wet Well Re-circulation Piping Replacement

Job Number: 201860	Priority: 2
Responsible Division: Technical Services	Program: No
FY Originated: FY 19-20	Project Status: Proposed

Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

The re-circulation (mixing) piping at the Tapia sludge wet wells is corroded and develops leaks. This project replaces this piping.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design		\$10,000				\$10,000	
Bidding							
Construction		\$40,000				\$40,000	
Labor and G&A Expense		\$12,800				\$12,800	
TOTALS	\$0	\$62,800	\$0	\$0	\$0	\$62,800	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$62,800

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$62,800

Basis for Project Cost Estimate:

% 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 Air Line Repair

Job Number: 201861 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

The air line which conveys compressed air to the treatment process has leaks which not only allow air to escape, but also allow contaminants to enter into the pipeline and potentially the air diffusers. A large portion of this line was repaired, however a section of the pipeline was not addressed. This section needs to be addressed to stop leakage and protect the diffuser membranes.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design		\$50,000				\$50,000	
Bidding							
Construction			\$250,000			\$250,000	
Labor and G&A Expense			\$80,000			\$80,000	
TOTALS	\$0	\$50,000	\$330,000	\$0	\$0	\$380,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$380,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$380,000
--

Basis for Project Cost Estimate:

% 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 Valving In Street Replacement

Job Number: 201862 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace the broken or damaged R.E.W. and Potable Water valving throughout the facility.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design		\$20,000				\$20,000	
Bidding		\$2,500				\$2,500	
Construction		\$175,000				\$175,000	
Labor and G&A Expense		\$56,000				\$56,000	
TOTALS	\$0	\$253,500	\$0	\$0	\$0	\$253,500	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$253,500

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$253,500
--

Basis for Project Cost Estimate:

% 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%

Building No. 7 Air Conditioner Repair

Job Number: 201864 Responsible Division: Facilities Maintenance FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Remove and dispose of old condensing unit and replace with new air handler and air cooled condensing unit.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$155,100					\$155,100	
Labor and G&A Expense	\$20,000					\$20,000	
TOTALS	\$175,100	\$0	\$0	\$0	\$0	\$175,100	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$175,100

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$175,100

TOTAL ESTIMATED PROJECT COST: \$175,100
--

Basis for Project Cost Estimate:

Quote from West Coast Air Conditioning 7/15/2019.

% 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

Multi Site Security Assessment and Improvement - LV Only

Job Number: 201865 Responsible Division: Information Technology FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Innovative and Efficient Operations

Key Standard:
Invest in Efficiency Improvements

Scope of Work:

Security assessment of various District sites and facilities. This will include access control and security camera installations and improvements.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$56,250	\$56,250	\$56,250			\$168,750	
Labor and G&A Expense	\$18,000	\$18,000	\$18,000			\$54,000	
TOTALS	\$74,250	\$74,250	\$74,250	\$0	\$0	\$222,750	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$222,750

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$78,000
Total Project Through 6/30/2020:	\$78,000
Anticipated Carryover:	-\$78,000
FY 20-21 Appropriation Request:	\$152,250

TOTAL ESTIMATED PROJECT COST: \$300,750
--

Basis for Project Cost Estimate:

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

Multi Site Security Assessment and Improvement - JPA

Job Number: 201866 Responsible Division: Information Technology FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Innovative and Efficient Operations

Key Standard:
Invest in Efficiency Improvements

Scope of Work:

Security assessment of various District sites and facilities. This will include access control and security camera installations and improvements.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$18,750	\$18,750	\$18,750			\$56,250	
Labor and G&A Expense	\$6,000	\$6,000	\$6,000			\$18,000	
TOTALS	\$24,750	\$24,750	\$24,750	\$0	\$0	\$74,250	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$74,250

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$26,000
Total Project Through 6/30/2020:	\$26,000
Anticipated Carryover:	-\$26,000
FY 20-21 Appropriation Request:	\$50,750

TOTAL ESTIMATED PROJECT COST: \$100,250
--

Basis for Project Cost Estimate:

% 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%

Water Tank Rehab. - Upper Oaks and Dardenne

Job Number: 201867 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:
Rehabilitation of Upper Oaks and Dardenne Tanks

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning		\$75				\$75	
Land Acquisition							
Design		\$31,827				\$31,827	
Bidding							
Construction		\$1,216,561				\$1,216,561	
Labor and G&A Expense		\$133,822				\$133,822	
TOTALS	\$0	\$1,382,285	\$0	\$0	\$0	\$1,382,285	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,382,285

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$0

**TOTAL ESTIMATED
PROJECT COST:
\$1,382,285**

Basis for Project Cost Estimate:

Based on Saddlepeak and Cordillera design costs.

% 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 Tank Rehabilitation

Job Number: 201868 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:

- FY 22-23: Twin Lakes 2 & McCoy
- FY 23-24: Twin Lakes 1 and Upper Twin Lakes
- FY 24-25: Morrison Tank
- FY 25-26: Oakridge and Seminole 2
- FY 26-27: Seminole 1 and Warner Tank 1
- FY 27-28: Warner Tank 2

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning			\$100	\$100	\$125	\$425	
Land Acquisition							
Design			\$32,782	\$33,765	\$34,778	\$101,325	
Bidding							
Construction			\$1,851,335	\$1,156,939	\$1,377,743	\$4,386,017	
Labor and G&A Expense			\$203,647	\$127,263	\$151,552	\$482,462	
TOTALS	\$0	\$0	\$2,087,864	\$1,318,067	\$1,564,198	\$4,970,129	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning	\$125	\$125	\$150	\$150	\$150	\$700	
Land Acquisition							
Design	\$35,822	\$36,896	\$38,003	\$39,143	\$40,317	\$190,181	
Bidding							
Construction	\$1,546,816	\$1,237,699	\$1,131,030	\$1,498,324	\$1,745,471	\$7,159,340	
Labor and G&A Expense	\$170,150	\$136,147	\$124,413	\$164,816	\$192,002	\$787,527	
TOTALS	\$1,752,913	\$1,410,867	\$1,293,596	\$1,702,433	\$1,977,940	\$8,137,748	\$13,107,877

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST:
\$13,107,877

Basis for Project Cost Estimate:

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

Recycled Water Tank Rehabilitation

Job Number: 201869 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 3 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:
FY 22-23: Parkway Tank
FY 25-26: Indian Hills

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning			\$75			\$75	
Land Acquisition							
Design			\$32,782			\$32,782	
Bidding							
Construction			\$535,790			\$535,790	
Labor and G&A Expense			\$58,937			\$58,937	
TOTALS	\$0	\$0	\$627,584	\$0	\$0	\$627,584	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design	\$35,822					\$35,822	
Bidding							
Construction	\$1,316,224					\$1,316,224	
Labor and G&A Expense	\$144,785					\$144,785	
TOTALS	\$1,496,831	\$0	\$0	\$0	\$0	\$1,496,831	\$2,124,415

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$2,124,415
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Basis for Project Cost Estimate:

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

Roadside Bridge Waterline Relocation

Job Number: 201870 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Reimbursable cost to City of Agoura Hills for waterline relocation.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$104,000					\$104,000	
Labor and G&A Expense	\$32,000					\$32,000	
TOTALS	\$136,000	\$0	\$0	\$0	\$0	\$136,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$136,000

Appropriations & Expenditures:

Approved Appropriation:	\$136,000
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$136,000
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$136,000
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Basis for Project Cost Estimate:

% 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

Wildlife Corridor Utility Relocation - LVMWD

Job Number: 201871 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Protection of Public Health and Environment

Key Standard:

Effective Watershed Leader and Environmental Steward

Scope of Work:

Relocation of District's 30-inch potable water pipeline (700 linear feet).

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$50,000					\$50,000	
Bidding							
Construction		\$200,000				\$200,000	
Labor and G&A Expense		\$64,000				\$64,000	
TOTALS	\$50,000	\$264,000	\$0	\$0	\$0	\$314,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$314,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$50,000

TOTAL ESTIMATED PROJECT COST: \$314,000
--

Basis for Project Cost Estimate:

% 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%			0%

Surge Tank(s)

Job Number: 201873 Responsible Division: Water Systems FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace the surge protection vessel at Warner Pump Station that has run past its useful life.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$80,000					\$80,000	
Labor and G&A Expense	\$25,600					\$25,600	
TOTALS	\$105,600	\$0	\$0	\$0	\$0	\$105,600	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$105,600

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

Total Project Through 6/30/2020:

Anticipated Carryover:

FY 20-21 Appropriation Request:

\$105,600

TOTAL ESTIMATED PROJECT COST: \$105,600
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Basis for Project Cost Estimate:

% 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

Stunt Road Pump Station Improvements

Job Number: 201874 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:
Rehabilitate/replace existing pump cans that have deteriorated due to corrosion.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$60,000					\$60,000	
Bidding							
Construction	\$200,000					\$200,000	
Labor and G&A Expense	\$64,000					\$64,000	
TOTALS	\$324,000	\$0	\$0	\$0	\$0	\$324,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$324,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$324,000

TOTAL ESTIMATED PROJECT COST: \$324,000
--

Basis for Project Cost Estimate:

% 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 Gantry Crane

Job Number: 201875 Responsible Division: Water Reclamation FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Design, build and construct gantry crane for future maintenance of aeration basin diffusers.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design		\$10,000				\$10,000	
Bidding							
Construction		\$80,000				\$80,000	
Labor and G&A Expense		\$25,600				\$25,600	
TOTALS	\$0	\$115,600	\$0	\$0	\$0	\$115,600	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$115,600

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$115,600
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Basis for Project Cost Estimate:

% 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%

Potable Water System Pipe Rehabilitation and Replacement Program

Job Number: 201878 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:

FY 20/21: Condition assessment , study and master plan to identify replacement priorities.
 FY 21/22 - FY 29/30: Design and construction phases based on study (phased over 10-years).

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning	\$150,000					\$150,000	
Land Acquisition							
Design		\$100,000		\$115,000		\$215,000	
Bidding			\$4,000		\$4,000	\$8,000	
Construction	\$500,000	\$1,000,000	\$3,500,000	\$3,600,000		\$8,600,000	
Labor and G&A Expense	\$55,000	\$110,000	\$385,000	\$396,000		\$946,000	
TOTALS	\$705,000	\$100,000	\$1,114,000	\$4,000,000	\$4,000,000	\$9,919,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design	\$115,000		\$115,000		\$115,000	\$345,000	
Bidding		\$4,000		\$4,000		\$8,000	
Construction	\$3,500,000	\$3,600,000	\$4,400,000	\$4,500,000	\$4,400,000	\$20,400,000	
Labor and G&A Expense	\$385,000	\$396,000	\$484,000	\$495,000	\$484,000	\$2,244,000	
TOTALS	\$4,000,000	\$4,000,000	\$4,999,000	\$4,999,000	\$4,999,000	\$22,997,000	\$32,916,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019): \$0
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020): \$0
 Total Project Through 6/30/2020: \$0
 Anticipated Carryover: \$0
FY 20-21 Appropriation Request: \$705,000

TOTAL ESTIMATED PROJECT COST: \$32,916,000

Basis for Project Cost Estimate:

% 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%			

Mobile Generators

Job Number: 201885 Responsible Division: Facilities Maintenance FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Two (2) 100 kW mobile generators with paralleling capability. Paralleling capability will allow for connection to District's pump stations.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$150,000					\$150,000	
Labor and G&A Expense							
TOTALS	\$150,000	\$0	\$0	\$0	\$0	\$150,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

Total Project Through 6/30/2020:

Anticipated Carryover:

FY 20-21 Appropriation Request:

\$150,000

TOTAL ESTIMATED PROJECT COST: \$150,000
--

Basis for Project Cost Estimate:

% 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

Mobile Crane Replacement

Job Number: 201886 Responsible Division: Facilities Maintenance FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

This program is for the replacement of a 15-ton mobile crane that is beyond useful life.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$200,000					\$200,000	
Labor and G&A Expense							
TOTALS	\$200,000	\$0	\$0	\$0	\$0	\$200,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$200,000

TOTAL ESTIMATED PROJECT COST: \$200,000
--

Basis for Project Cost Estimate:

% 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

Westlake Treatment Plant and Pump Station Access Road Paving and Drainage

Job Number: 201889 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 3 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Rehabilitate asphalt road at Westlake.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$100,000	\$100,000	\$2,000			\$202,000	
Bidding			\$1,000			\$1,000	
Construction			\$200,000			\$200,000	
Labor and G&A Expense			\$64,000			\$64,000	
TOTALS	\$100,000	\$100,000	\$267,000	\$0	\$0	\$467,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$467,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$100,000

**TOTAL ESTIMATED
PROJECT COST:
\$467,000**

Basis for Project Cost Estimate:

% 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

Latigo and Seminole Pax Mixers for Tanks

Job Number: 201891 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Safe, High-Quality Water

Key Standard:
Meet or Exceed Drinking Water Standards

Scope of Work:
Mixers will improve water quality stored in tanks.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$10,000					\$10,000	
Bidding	\$2,000					\$2,000	
Construction	\$100,000					\$100,000	
Labor and G&A Expense	\$32,000					\$32,000	
TOTALS	\$144,000	\$0	\$0	\$0	\$0	\$144,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$144,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:

TOTAL ESTIMATED PROJECT COST:
\$144,000

FY 20-21 Appropriation Request: \$144,000

Basis for Project Cost Estimate:

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

CIS Mobile Capability

Job Number: 201892 Responsible Division: Information Technology FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Innovative and Efficient Operations

Key Standard:
Invest in Efficiency Improvements

Scope of Work:
Provide funding for tablets/laptops with vehicle mounts for CIS Mobile usage.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$12,500	\$12,500				\$25,000	
Labor and G&A Expense	\$4,000	\$4,000				\$8,000	
TOTALS	\$16,500	\$16,500	\$0	\$0	\$0	\$33,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$33,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:

**TOTAL ESTIMATED
PROJECT COST:
\$33,000**

FY 20-21 Appropriation Request: \$16,500

Basis for Project Cost Estimate:

% 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%			

JBR Pump Station Valve Replacements

<p>Job Number: 201893 Responsible Division: Water Systems FY Originated: FY 19-20</p>	<p>Priority: 1 Program: No Project Status: Proposed</p>
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Business Value:
 Sound Planning and Appropriate Investment

Key Standard:
 Long-Term View, Appropriate CIP Funding

Scope of Work:
 Replace six (6) malfunctioning main line valves.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning		\$3,000				\$3,000	
Land Acquisition							
Design		\$6,000				\$6,000	
Bidding							
Construction		\$110,000				\$110,000	
Labor and G&A Expense		\$35,200				\$35,200	
TOTALS	\$0	\$154,200	\$0	\$0	\$0	\$154,200	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$154,200

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$154,200
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Basis for Project Cost Estimate:

% 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%			

Agoura Pump Station Onsite Generator

Job Number: 201894 Responsible Division: Water Systems FY Originated: FY 19-20	Priority: 3 Program: No Project Status: Proposed
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Business Value:

Reliable Water Supplies and Service

Key Standard:

Meet Current and Future Demands

Scope of Work:

Improve water supply reliability during electric utility shutdowns.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning		\$3,000				\$3,000	
Land Acquisition							
Design		\$10,000				\$10,000	
Bidding							
Construction		\$200,000				\$200,000	
Labor and G&A Expense		\$64,000				\$64,000	
TOTALS	\$0	\$277,000	\$0	\$0	\$0	\$277,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$277,000

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

Total Project Through 6/30/2020:

Anticipated Carryover:

FY 20-21 Appropriation Request:

\$0

TOTAL ESTIMATED PROJECT COST: \$277,000
--

Basis for Project Cost Estimate:

% 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

Conduit Pressure Regulating (PR) Station Rehabilitation

Job Number: 201896 Responsible Division: Water Systems FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:
The Conduit PR station needs rehabilitation to extend its useful life.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning		\$3,000				\$3,000	
Land Acquisition							
Design		\$10,000				\$10,000	
Bidding							
Construction		\$220,000				\$220,000	
Labor and G&A Expense		\$70,400				\$70,400	
TOTALS	\$0	\$303,400	\$0	\$0	\$0	\$303,400	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$303,400

Appropriations & Expenditures:

Approved Appropriation: \$0
 Project Expense (through 6/30/2019): \$0
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020): \$0
 Total Project Through 6/30/2020: \$0
 Anticipated Carryover: \$0
FY 20-21 Appropriation Request: \$0

TOTAL ESTIMATED PROJECT COST: \$303,400
--

Basis for Project Cost Estimate:

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

Pressure Regulating Station Valve Replacements (Multiple Stations)

Job Number: 201897 Responsible Division: Water Systems FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Project to replace isolation valves that are no longer functioning properly.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$30,000		\$650,000	\$650,000	\$650,000	\$1,980,000	
Labor and G&A Expense	\$9,600		\$71,500	\$71,500	\$71,500	\$224,100	
TOTALS	\$39,600	\$0	\$721,500	\$721,500	\$721,500	\$2,204,100	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000	\$3,250,000	
Labor and G&A Expense	\$71,500	\$71,500	\$71,500	\$71,500	\$71,500	\$357,500	
TOTALS	\$721,500	\$721,500	\$721,500	\$721,500	\$721,500	\$3,607,500	\$5,811,600

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

Total Project Through 6/30/2020:

Anticipated Carryover:

FY 20-21 Appropriation Request:

\$39,600

TOTAL ESTIMATED PROJECT COST: \$5,811,600
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Basis for Project Cost Estimate:

% 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%			

"Iwater" Program

Job Number: 201898 Responsible Division: Water Systems FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Innovative and Efficient Operations

Key Standard:
Invest in Efficiency Improvements

Scope of Work:

Data collection program for valve maintenance, flushing, cathodic protection and protective structure inspections.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$30,000					\$30,000	
Labor and G&A Expense	\$2,000					\$2,000	
TOTALS	\$32,000	\$0	\$0	\$0	\$0	\$32,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$32,000

Appropriations & Expenditures:

Approved Appropriation: \$0
 Project Expense (through 6/30/2019): \$0
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020): \$0
 Total Project Through 6/30/2020: \$0
 Anticipated Carryover: \$0
FY 20-21 Appropriation Request: \$32,000

**TOTAL ESTIMATED
PROJECT COST:
\$32,000**

Basis for Project Cost Estimate:

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

Three Springs VFD Pump Station Project

Job Number: 201899 Responsible Division: Water Systems FY Originated: FY 19-20	Priority: 3 Program: No Project Status: Proposed
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Business Value:

Innovative and Efficient Operations

Key Standard:

Invest in Efficiency Improvements

Scope of Work:

Improve power efficiency at the Three Springs pump station.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning		\$10,000				\$10,000	
Land Acquisition							
Design		\$15,000				\$15,000	
Bidding							
Construction		\$150,000				\$150,000	
Labor and G&A Expense		\$48,000				\$48,000	
TOTALS	\$0	\$223,000	\$0	\$0	\$0	\$223,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$223,000

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

Total Project Through 6/30/2020:

Anticipated Carryover:

FY 20-21 Appropriation Request:

\$0

TOTAL ESTIMATED PROJECT COST: \$223,000
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Basis for Project Cost Estimate:

% 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

Wildlife Corridor Utility Relocation - JPA Recycled Water

Job Number: 201901 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value: Protection of Public Health and Environment
Key Standard: Effective Watershed Leader and Environmental Steward

Scope of Work:
 Relocation of JPA 24-inch recycled water line (approximately 350 linear feet).

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$50,000					\$50,000	
Bidding							
Construction		\$200,000				\$200,000	
Labor and G&A Expense		\$64,000				\$64,000	
TOTALS	\$50,000	\$264,000	\$0	\$0	\$0	\$314,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$314,000

Appropriations & Expenditures:

Approved Appropriation: \$0
 Project Expense (through 6/30/2019): \$0
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020): \$0
 Total Project Through 6/30/2020: \$0
 Anticipated Carryover: \$0
FY 20-21 Appropriation Request: \$50,000

TOTAL ESTIMATED PROJECT COST: \$314,000
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Basis for Project Cost Estimate:

% 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%

Emergency Pipeline Construction Repair and Replacement

Job Number: 201903 Responsible Division: Water Systems FY Originated: FY 19-20	Priority: 2 Program: Yes Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Well-Prepared for Emergencies

Scope of Work:

This project consists of responding to emergency repair and replacement of existing pipelines repair on ancillary paving and concrete caused for pipeline leaks and failures

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	
Labor and G&A Expense	\$96,000	\$96,000	\$96,000	\$96,000	\$96,000	\$480,000	
TOTALS	\$396,000	\$396,000	\$396,000	\$396,000	\$396,000	\$1,980,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000	
Labor and G&A Expense	\$96,000	\$96,000	\$96,000	\$96,000	\$96,000	\$480,000	
TOTALS	\$396,000	\$396,000	\$396,000	\$396,000	\$396,000	\$1,980,000	\$3,960,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$396,000

TOTAL ESTIMATED PROJECT COST: \$3,960,000
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Basis for Project Cost Estimate:

% 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 Flow Equalization - Design/Construct

Job Number: 201904 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:
Maximum Reuse and Resource Recovery

Key Standard:
Maximize Beneficial Use of Recycled Water

Scope of Work:

This project consists of the development of a preliminary design report to evaluate the storage and conveyance of Tapia primary effluent to help store and equalize the diurnal peak flows that Tapia sees between dry and wet weather events. This maximizes effluent available for the AWT and also improves and provides consistent water quality for the feed water to the AWT.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning	\$100,000					\$100,000	
Land Acquisition							
Design		\$250,000	\$250,000			\$500,000	
Bidding							
Construction				\$3,000,000	\$3,000,000	\$6,000,000	
Labor and G&A Expense				\$330,000	\$330,000	\$660,000	
TOTALS	\$100,000	\$250,000	\$250,000	\$3,330,000	\$3,330,000	\$7,260,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$7,260,000

Appropriations & Expenditures:

Approved Appropriation: \$0
 Project Expense (through 6/30/2019): \$0
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020): \$0
 Total Project Through 6/30/2020: \$0
 Anticipated Carryover: \$0
FY 20-21 Appropriation Request: \$100,000

TOTAL ESTIMATED PROJECT COST:
\$7,260,000

Basis for Project Cost Estimate:

% 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%

Building No. 1 Drainage Improvements

Job Number: 201905 Responsible Division: Facilities Maintenance FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

This project consists of making drainage improvements to the exposed slope north of Building No. 1 to capture and mitigate sediment run-off to assist to minimize damage to the new demonstration garden.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design			\$25,000			\$25,000	
Bidding							
Construction			\$100,000			\$100,000	
Labor and G&A Expense			\$32,000			\$32,000	
TOTALS	\$0	\$0	\$157,000	\$0	\$0	\$157,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$157,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST:
\$157,000

Basis for Project Cost Estimate:

% 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 HVAC Replacement

Job Number: 201906 Responsible Division: Facilities Maintenance FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace existing 40-year old HVAC at Tapia.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$40,000					\$40,000	
Bidding							
Construction	\$200,000					\$200,000	
Labor and G&A Expense	\$64,000					\$64,000	
TOTALS	\$304,000	\$0	\$0	\$0	\$0	\$304,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$304,000

Appropriations & Expenditures:

Approved Appropriation:	\$0
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$304,000

TOTAL ESTIMATED PROJECT COST: \$304,000
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Basis for Project Cost Estimate:

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

Rancho Generator Study and Purchase

Job Number: 201907 Responsible Division: Facilities Maintenance FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:

Commission study/design of backup generator requirements followed by purchase and installation of recommended equipment.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$50,000					\$50,000	
Bidding							
Construction		\$350,000				\$350,000	
Labor and G&A Expense		\$40,000				\$40,000	
TOTALS	\$50,000	\$390,000	\$0	\$0	\$0	\$440,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$440,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019): \$0
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020): \$0
 Total Project Through 6/30/2020: \$0
 Anticipated Carryover: \$0
FY 20-21 Appropriation Request: \$50,000

TOTAL ESTIMATED PROJECT COST: \$440,000

Basis for Project Cost Estimate:

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

Electric Vehicle Charging Stations

Job Number: 201908 Responsible Division: Administration FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Innovative and Efficient Operations

Key Standard:
Systematic Approach to Enhance Efficiency

Scope of Work:

Install bank of electric vehicle charging stations at District Headquarters. Cost to develop facilities will be offset by grants and through electric vehicle charging fees.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$55,000					\$55,000	
Labor and G&A Expense	\$17,600					\$17,600	
TOTALS	\$72,600	\$0	\$0	\$0	\$0	\$72,600	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$72,600

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:
FY 20-21 Appropriation Request: \$72,600

TOTAL ESTIMATED PROJECT COST:
\$72,600

Basis for Project Cost Estimate:

% 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

Pure Water Project Grant Offset

Job Number: 201911 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Recognizes grant income for the Pure Water project (No. 10635). Anticipates 25% of cost of FY 20-21 and FY 21-22 project costs will be offset by grants.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	-\$684,159	-\$2,017,758				-\$2,701,917	
Labor and G&A Expense							
TOTALS	-\$684,159	-\$2,017,758	\$0	\$0	\$0	-\$2,701,917	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	-\$2,701,917

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

Total Project Through 6/30/2020:

Anticipated Carryover:

FY 20-21 Appropriation Request:

\$0

TOTAL ESTIMATED PROJECT COST: -\$2,701,917

Basis for Project Cost Estimate:

% 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%

Concrete Corrosion/Crack Repair - Tapia

Job Number: 201912 Responsible Division: Facilities & Operations FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Repair failing concrete at the Tapia Water Reclamation Facility.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$50,000	\$50,000	\$50,000			\$150,000	
Labor and G&A Expense	\$16,000	\$16,000	\$16,000			\$48,000	
TOTALS	\$66,000	\$66,000	\$66,000	\$0	\$0	\$198,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$198,000

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

Total Project Through 6/30/2020:

Anticipated Carryover:

FY 20-21 Appropriation Request:

\$66,000

**TOTAL ESTIMATED
PROJECT COST:**

\$198,000

Basis for Project Cost Estimate:

% 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 Effluent Pump Station Rehabilitation

Job Number: 201913 Responsible Division: Technical Services FY Originated: FH 19-20	Priority: 3 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Increase reliability and safety of electrical feed as well as upgrade motor starting capabilities and pumps.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design				\$250,000		\$250,000	
Bidding							
Construction				\$4,750,000		\$4,750,000	
Labor and G&A Expense				\$522,500		\$522,500	
TOTALS	\$0	\$0	\$0	\$5,522,500	\$0	\$5,522,500	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$5,522,500

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

Total Project Through 6/30/2020:

Anticipated Carryover:

FY 20-21 Appropriation Request:

\$0

TOTAL ESTIMATED PROJECT COST: \$5,522,500
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Basis for Project Cost Estimate:

% 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 Improvements

Job Number: 201914 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:
Repair and rehabilitate aging lift stations.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$150,000					\$150,000	
Bidding							
Construction		\$1,000,000	\$1,000,000			\$2,000,000	
Labor and G&A Expense		\$110,000	\$110,000			\$220,000	
TOTALS	\$150,000	\$1,110,000	\$1,110,000	\$0	\$0	\$2,370,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$2,370,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:
FY 20-21 Appropriation Request: \$150,000

TOTAL ESTIMATED PROJECT COST:
\$2,370,000

Basis for Project Cost Estimate:

% 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%		0%

Fire Hardening - JPA Facilities

Job Number: 201915 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: Yes Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Identify and implement fire hardening strategies for facilities that are prone to wildfire related damage and/or service interruption.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	
Labor and G&A Expense	\$64,000	\$64,000	\$64,000	\$64,000	\$64,000	\$320,000	
TOTALS	\$264,000	\$264,000	\$264,000	\$264,000	\$264,000	\$1,320,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	
Labor and G&A Expense	\$64,000	\$64,000	\$64,000	\$64,000	\$64,000	\$320,000	
TOTALS	\$264,000	\$264,000	\$264,000	\$264,000	\$264,000	\$1,320,000	\$2,640,000

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

Total Project Through 6/30/2020:

Anticipated Carryover:

FY 20-21 Appropriation Request:

\$264,000

TOTAL ESTIMATED PROJECT COST:

\$2,640,000

Basis for Project Cost Estimate:

% 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 Control Building Improvements

Job Number: 201916 Responsible Division: Water Reclamation FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:

The control building at Tapia is aging is in need of significant repairs, remodeling and other improvements.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$2,000,000	\$2,000,000		\$4,000,000	
Labor and G&A Expense			\$220,000	\$220,000		\$440,000	
TOTALS	\$0	\$0	\$2,220,000	\$2,220,000	\$0	\$4,440,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$4,440,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:
FY 20-21 Appropriation Request: \$0

TOTAL ESTIMATED PROJECT COST:
\$4,440,000

Basis for Project Cost Estimate:

% 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%

Construction Services Truck Replacement

Job Number: 201917 Responsible Division: Facilities & Operations FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replacement vehicle #833 (Construction Services Truck - 1999 Chevrolet C7500 Diesel). Vehicle #833 is no longer compliant with current emissions requirements.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$175,000					\$175,000	
Labor and G&A Expense							
TOTALS	\$175,000	\$0	\$0	\$0	\$0	\$175,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$175,000

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

Total Project Through 6/30/2020:

Anticipated Carryover:

FY 20-21 Appropriation Request:

\$175,000

TOTAL ESTIMATED PROJECT COST: \$175,000
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Basis for Project Cost Estimate:

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

003 Discharge Point Rehabilitation

Job Number: 201918 Responsible Division: Water Reclamation FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:

Evaluate and repair failed 003 Discharge point pipeline (into Malibu Creek). Contract for inspection, an engineering study and a design report to determine the most cost effective means to repair failed 24" potable water pipeline from the Tapia Water Reclamation Facility to Malibu Creek. The pipeline will be used to supply potable supplement to the Malibu Creek during low flow periods.

Approximately one (1) mile of pipeline needs to be inspected.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning	\$70,000					\$70,000	
Land Acquisition							
Design							
Bidding							
Construction	\$630,000					\$630,000	
Labor and G&A Expense	\$69,300					\$69,300	
TOTALS	\$769,300	\$0	\$0	\$0	\$0	\$769,300	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$769,300

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:
FY 20-21 Appropriation Request: \$769,300

TOTAL ESTIMATED PROJECT COST:
\$769,300

Basis for Project Cost Estimate:

% 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%

Customer Service Security Improvements

Job Number: 201919 Responsible Division: Customer Service FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:
Replace existing front counter security glass with security glass.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$150,000					\$150,000	
Labor and G&A Expense	\$5,000					\$5,000	
TOTALS	\$155,000	\$0	\$0	\$0	\$0	\$155,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$155,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:
FY 20-21 Appropriation Request: \$155,000

TOTAL ESTIMATED PROJECT COST:
\$155,000

Basis for Project Cost Estimate:

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

Pressure Vessel Maintenance Program

Job Number: 201920 Responsible Division: Facilities Maintenance FY Originated: FY 19-20	Priority: 2 Program: Yes Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:
Assess, repair and replace surge protection vessels.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$75,000	\$75,000	\$75,000	\$225,000	
Labor and G&A Expense			\$25,000	\$25,000	\$25,000	\$75,000	
TOTALS	\$0	\$0	\$100,000	\$100,000	\$100,000	\$300,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	
Labor and G&A Expense	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	
TOTALS	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$800,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:
FY 20-21 Appropriation Request: \$0

**TOTAL ESTIMATED
PROJECT COST:
\$800,000**

Basis for Project Cost Estimate:

% 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%			

Fire Hardening - LVMWD Facilities

Job Number: 201921 Responsible Division: Facilities & Operations FY Originated: FY 19-20	Priority: 2 Program: Yes Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:

Identify and implement fire hardening strategies for facilities that are prone to wildfire related damage and/or service interruption.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$155,000	\$155,000	\$155,000	\$465,000	
Labor and G&A Expense			\$45,000	\$45,000	\$45,000	\$135,000	
TOTALS	\$0	\$0	\$200,000	\$200,000	\$200,000	\$600,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$155,000	\$155,000	\$155,000	\$155,000	\$155,000	\$775,000	
Labor and G&A Expense	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$225,000	
TOTALS	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$1,000,000	\$1,600,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:

TOTAL ESTIMATED PROJECT COST:
\$1,600,000

FY 20-21 Appropriation Request: **\$0**

Basis for Project Cost Estimate:

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

Potable System Coatings Program

Job Number: 201922 Responsible Division: Facilities Maintenance FY Originated: FY 19-20	Priority: 2 Program: Yes Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Implement a proactive painting and coatings program for the protection of District potable water system assets.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$76,000	\$76,000	\$76,000	\$228,000	
Labor and G&A Expense			\$24,000	\$24,000	\$24,000	\$72,000	
TOTALS	\$0	\$0	\$100,000	\$100,000	\$100,000	\$300,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$380,000	
Labor and G&A Expense	\$24,000	\$24,000	\$24,000	\$24,000	\$24,000	\$120,000	
TOTALS	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$800,000

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

Total Project Through 6/30/2020:

Anticipated Carryover:

FY 20-21 Appropriation Request:

\$0

**TOTAL ESTIMATED
PROJECT COST:
\$800,000**

Basis for Project Cost Estimate:

% 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%			

Raw Water Reservoir Cover (Westlake)

Job Number: 201923 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Assess feasibility of design and construction of approximately 3,500 square foot roof over the raw water tank at the Westlake Filter plant. There is currently no roof covering the tank.

The goal is to create a reduction in Total Trihalomethane (TTHM) formation in the drinking water coming from the Plant when it's on-line. This occurs when the sunlight hits the raw water and reacts with the chlorine that's added to de-activate pathogens. The cover will shield the raw water from the sunlight so that less chlorine is used, thus reducing the TTHM levels.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning	\$300,000					\$300,000	
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$300,000	\$0	\$0	\$0	\$0	\$300,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

Total Project Through 6/30/2020:

Anticipated Carryover:

FY 20-21 Appropriation Request:

\$300,000

TOTAL ESTIMATED PROJECT COST: \$300,000
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Basis for Project Cost Estimate:

% 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%			

Cathodic Protection Program

Job Number: 201924 Responsible Division: Facilities Maintenance FY Originated: FY 19-20	Priority: 2 Program: Yes Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:

Work under this program includes the assessment, repair and replacement (if needed) of approximately 274 cathodic protection test points throughout the District's potable water transmission and storage system.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$75,000	\$75,000	\$75,000	\$225,000	
Labor and G&A Expense			\$25,000	\$25,000	\$25,000	\$75,000	
TOTALS	\$0	\$0	\$100,000	\$100,000	\$100,000	\$300,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000	
Labor and G&A Expense	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$125,000	
TOTALS	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$800,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:
FY 20-21 Appropriation Request: \$0

TOTAL ESTIMATED PROJECT COST:
\$800,000

Basis for Project Cost Estimate:

% 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%			

Interconnection With CMWD - Offset

Job Number: 201925 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:

This program represents the expected funding offset for project number 10556 - Interconnection With CMWD.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	-\$2,000,000					-\$2,000,000	
Labor and G&A Expense							
TOTALS	-\$2,000,000	\$0	\$0	\$0	\$0	-\$2,000,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	-\$2,000,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:
FY 20-21 Appropriation Request:

\$0

TOTAL ESTIMATED PROJECT COST: -\$2,000,000
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Basis for Project Cost Estimate:

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

Stationary Emergency Generator - PW Pump Station - Offset

Job Number: 201926 Responsible Division: Facilities Maintenance FY Originated: FY 19-20	Priority: 1 Program: No Project Status:
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:
Anticipated grant revenue for IIP project number 10672.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	-\$3,000,000					-\$3,000,000	
Labor and G&A Expense	-\$330,000					-\$330,000	
TOTALS	-\$3,330,000	\$0	\$0	\$0	\$0	-\$3,330,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	-\$3,330,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:
FY 20-21 Appropriation Request: \$0

**TOTAL ESTIMATED
PROJECT COST:
-\$3,330,000**

Basis for Project Cost Estimate:

% 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%			

Wildlife Corridor Utility Relocation - LVMWD - Offset

Job Number: 201927 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:
Anticipated grant revenue for IIP project number 201871.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	-\$50,000					-\$50,000	
Bidding							
Construction		-\$200,000				-\$200,000	
Labor and G&A Expense		-\$64,000				-\$64,000	
TOTALS	-\$50,000	-\$264,000	\$0	\$0	\$0	-\$314,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	-\$314,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:
FY 20-21 Appropriation Request:

\$0

TOTAL ESTIMATED PROJECT COST:
-\$314,000

Basis for Project Cost Estimate:

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

Wildlife Corridor Utility Relocation - JPA - Offset

Job Number: 201928 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:
Anticipated grant revenue for IIP project number 201901.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	-\$50,000					-\$50,000	
Bidding							
Construction		-\$200,000				-\$200,000	
Labor and G&A Expense		-\$64,000				-\$64,000	
TOTALS	-\$50,000	-\$264,000	\$0	\$0	\$0	-\$314,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	-\$314,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:
FY 20-21 Appropriation Request: \$0

TOTAL ESTIMATED PROJECT COST: -\$314,000

Basis for Project Cost Estimate:

% 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 Fire Repair - Woolsey Fire - Reimbursement

Job Number: 201930 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Anticipated reimbursement for IIP project number 201930.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	-\$1,337,000					-\$1,337,000	
Labor and G&A Expense	-\$147,070					-\$147,070	
TOTALS	-\$1,484,070	\$0	\$0	\$0	\$0	-\$1,484,070	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	-\$1,484,070

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

Total Project Through 6/30/2020:

Anticipated Carryover:

FY 20-21 Appropriation Request:

\$0

TOTAL ESTIMATED PROJECT COST: -\$1,484,070

Basis for Project Cost Estimate:

% 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%

Woolsey Fire - Westlake Filter Plant - Reimbursement

Job Number: 201931 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:
Anticipated reimbursement for IIP project number 201931.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	-\$3,461,625					-\$3,461,625	
Labor and G&A Expense	-\$380,779					-\$380,779	
TOTALS	-\$3,842,404	\$0	\$0	\$0	\$0	-\$3,842,404	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	-\$3,842,404

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:
FY 20-21 Appropriation Request: \$0

TOTAL ESTIMATED PROJECT COST:
-\$3,842,404

Basis for Project Cost Estimate:

% 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%			

Woolsey Fire - Repair LV Facilities - Reimbursement

Job Number: 201932 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:
Anticipated reimbursement for IIP project number 201932.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	-\$260,000					-\$260,000	
Labor and G&A Expense	-\$83,200					-\$83,200	
TOTALS	-\$343,200	\$0	\$0	\$0	\$0	-\$343,200	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	-\$343,200

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:
FY 20-21 Appropriation Request: \$0

**TOTAL ESTIMATED
PROJECT COST:
-\$343,200**

Basis for Project Cost Estimate:

% 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%			

JPA Facility Facilities Repair - Woolsey Fire - Reimbursement

Job Number: 201933 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:
Anticipated reimbursement for IIP project number 201933.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	-\$250,000					-\$250,000	
Labor and G&A Expense	-\$80,000					-\$80,000	
TOTALS	-\$330,000	\$0	\$0	\$0	\$0	-\$330,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	-\$330,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:

**TOTAL ESTIMATED
PROJECT COST:
-\$330,000**

FY 20-21 Appropriation Request: **\$0**

Basis for Project Cost Estimate:

% 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%

Troutdale Pipeline - Woolsey Fire - Reimbursement

Job Number: 201934 Responsible Division: Technical Services FY Originated: FY 19-20	Priority: 1 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Anticipated reimbursement for IIP project number 201934.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	-\$60,000					-\$60,000	
Bidding							
Construction	-\$450,000					-\$450,000	
Labor and G&A Expense	-\$144,000					-\$144,000	
TOTALS	-\$654,000	\$0	\$0	\$0	\$0	-\$654,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	-\$654,000

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

Total Project Through 6/30/2020:

Anticipated Carryover:

FY 20-21 Appropriation Request:

\$0

**TOTAL ESTIMATED
PROJECT COST:**

-\$654,000

Basis for Project Cost Estimate:

% 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%			

Dump Truck Replacement

Job Number: 201935 Responsible Division: Facilities Maintenance FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace District's dump truck to meet new emission requirements. The dump truck is a 2001 model year with 50,249 miles.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction		\$110,000				\$110,000	
Labor and G&A Expense							
TOTALS	\$0	\$110,000	\$0	\$0	\$0	\$110,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$110,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:
 FY 20-21 Appropriation Request: **\$0**

TOTAL ESTIMATED PROJECT COST: \$110,000
--

Basis for Project Cost Estimate:

% 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%			

Backhoe Replacement

Job Number: 201936 Responsible Division: Facilities Maintenance FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
--	---

Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace back hoe as required by California Air Resources Control Board. The backhoe is a 1997 model year with approximately 2,430 hours.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$110,000			\$110,000	
Labor and G&A Expense							
TOTALS	\$0	\$0	\$110,000	\$0	\$0	\$110,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$110,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:
FY 20-21 Appropriation Request:

\$0

TOTAL ESTIMATED PROJECT COST: \$110,000
--

Basis for Project Cost Estimate:

% 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%			

Shop Lifts - Fleet Maintenance

Job Number: 201937 Responsible Division: Facilities Maintenance FY Originated: FY 19-20	Priority: 2 Program: No Project Status: Proposed
--	---

Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:
Replace aging vehicle lifts required for fleet maintenance.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction			\$100,000			\$100,000	
Labor and G&A Expense							
TOTALS	\$0	\$0	\$100,000	\$0	\$0	\$100,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:
FY 20-21 Appropriation Request: \$0

TOTAL ESTIMATED PROJECT COST:
\$100,000

Basis for Project Cost Estimate:

% 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%			

Grit Chamber Mixing System Replacement

Job Number: 60030 Responsible Division: Technical Services FY Originated: FY 16-17	Priority: 3 Program: No Project Status: Proposed
---	---

Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace grit chamber mixing system with a more efficient mixing system.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding	\$1,000					\$1,000	
Construction	\$100,000					\$100,000	
Labor and G&A Expense	\$32,000					\$32,000	
TOTALS	\$133,000	\$0	\$0	\$0	\$0	\$133,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$133,000

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

\$0

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

\$0

Total Project Through 6/30/2020:

\$0

Anticipated Carryover:

\$0

FY 20-21 Appropriation Request:

\$133,000

TOTAL ESTIMATED

PROJECT COST:

\$133,000

Basis for Project Cost Estimate:

Cost estimate based upon 2018 KEH report.

% 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 Responsible Division: Facilities & Operations FY Originated: FY 16-17	Priority: 2 Program: No Project Status: Proposed
--	---

Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:
Replace RAS wet well and pumps to increase pumping capacity and reliability.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design	\$120,000					\$120,000	
Bidding		\$10,000				\$10,000	
Construction		\$1,000,000				\$1,000,000	
Labor and G&A Expense		\$110,000				\$110,000	
TOTALS	\$120,000	\$1,120,000	\$0	\$0	\$0	\$1,240,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,240,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019): \$0
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020): \$0
 Total Project Through 6/30/2020: \$0
 Anticipated Carryover: \$0
FY 20-21 Appropriation Request: \$120,000

TOTAL ESTIMATED PROJECT COST: \$1,240,000
--

Basis for Project Cost Estimate:

Cost estimate based upon 2018 KEH report.

% 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 Responsible Division: Technical Services FY Originated: FY 16-17	Priority: 3 Program: No Project Status: Proposed
---	---

Business Value:

Key Standard:

Scope of Work:

Pavement restoration/slurry seal at Tapia.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
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	\$432,000	\$0	\$0	\$432,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$432,000

Appropriations & Expenditures:

Approved Appropriation:	
Project Expense (through 6/30/2019):	\$0
Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):	\$0
Total Project Through 6/30/2020:	\$0
Anticipated Carryover:	\$0
FY 20-21 Appropriation Request:	\$0

TOTAL ESTIMATED PROJECT COST: \$432,000
--

Basis for Project Cost Estimate:

Staff estimate.

% 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%

Centrate Tank Inspection and Rehabilitation Assessment

Job Number: 70019 Responsible Division: Facilities & Operations FY Originated: FY17-18	Priority: 2 Program: No Project Status: Proposed
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Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:
Tank inspection and recommendations for rehabilitation.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning	\$10,000					\$10,000	
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$10,000	\$0	\$0	\$0	\$0	\$10,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:
FY 20-21 Appropriation Request: \$10,000

TOTAL ESTIMATED PROJECT COST: \$10,000

Basis for Project Cost Estimate:

% 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: Replace Agitators

Job Number: 80748 Responsible Division: Facilities & Operations FY Originated: FY10-11	Priority: 3 Program: No Project Status: Proposed
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Business Value:

Sound Planning and Appropriate Investment

Key Standard:

Long-Term View, Appropriate CIP Funding

Scope of Work:

Purchase new compost agitators to replace the existing ones.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
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	\$555,000	\$555,000	\$0	\$1,110,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$1,110,000

Appropriations & Expenditures:

Approved Appropriation:

Project Expense (through 6/30/2019):

Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):

Total Project Through 6/30/2020:

Anticipated Carryover:

FY 20-21 Appropriation Request:

\$0

**TOTAL ESTIMATED
PROJECT COST:**

\$1,110,000

Basis for Project Cost Estimate:

Staff estimate based on previous purchases.

% 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%

Trunk Sewer System Improvements

Job Number: 99983 Responsible Division: Facilities & Operations FY Originated: FY 15-16	Priority: 3 Program: No Project Status: Proposed
--	---

Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

Scope of Work:

Replace or rehabilitate trunk sewer system components based on CCTV, condition assessment & SSMP, end of useful life, or obsolescence. Specific projects are identified for each fiscal year (see project 201877 for FY 20-21 related activity).

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000	
Labor and G&A Expense	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$440,000	
TOTALS	\$0	\$1,110,000	\$1,110,000	\$1,110,000	\$1,110,000	\$4,440,000	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000	
Labor and G&A Expense	\$110,000	\$110,000	\$110,000	\$110,000	\$110,000	\$550,000	
TOTALS	\$1,110,000	\$1,110,000	\$1,110,000	\$1,110,000	\$1,110,000	\$5,550,000	\$9,990,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019): \$0
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020): \$0
 Total Project Through 6/30/2020: \$0
 Anticipated Carryover: \$0
FY 20-21 Appropriation Request: \$0

TOTAL ESTIMATED PROJECT COST: \$9,990,000
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Basis for Project Cost Estimate:

Place holder estimates.

% 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%		

Westlake Filter Plant PLC Upgrade

Job Number: 99991 Responsible Division: Information Technology FY Originated: FY 15-16	Priority: 3 Program: No Project Status: Proposed
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Business Value:
Reliable Water Supplies and Service

Key Standard:
Comprehensive Maintenance and Replacement Programs

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.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
Planning							
Land Acquisition							
Design							
Bidding							
Construction		\$143,000				\$143,000	
Labor and G&A Expense		\$45,760				\$45,760	
TOTALS	\$0	\$188,760	\$0	\$0	\$0	\$188,760	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$188,760

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019):
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020):
 Total Project Through 6/30/2020:
 Anticipated Carryover:

TOTAL ESTIMATED PROJECT COST:
\$188,760

FY 20-21 Appropriation Request: **\$0**

Basis for Project Cost Estimate:

Staff estimate.

% 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

Water System PLC Upgrade Phase 2

Job Number: 99998 Responsible Division: Information Technology FY Originated: FY 15-16	Priority: 3 Program: No Project Status: Proposed
---	---

Business Value:
Sound Planning and Appropriate Investment

Key Standard:
Long-Term View, Appropriate CIP Funding

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.

Proposed Project Expenditures:

	FY 20-21	FY 21-22	FY 22-23	FY 23-24	FY 24-25	Years 1-5 Total	
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	

	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30	Years 6-10 Total	10-Year Planning Period Estimated Expenditures
Planning							
Land Acquisition							
Design							
Bidding							
Construction							
Labor and G&A Expense							
TOTALS	\$0	\$0	\$0	\$0	\$0	\$0	\$143,000

Appropriations & Expenditures:

Approved Appropriation:
 Project Expense (through 6/30/2019): \$0
 Actual & Anticipated Project Expense (7/01/2019 - 6/30/2020): \$0
 Total Project Through 6/30/2020: \$0
 Anticipated Carryover: \$0
FY 20-21 Appropriation Request: \$0

TOTAL ESTIMATED PROJECT COST: \$143,000
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Basis for Project Cost Estimate:

Staff estimate.

% 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%			



February 4, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject : Potable Water Standby Charge: Adoption of Ordinance

SUMMARY:

On November 5, 2019, the Board adopted Resolution No. 2564, regarding the District's intent to continue the Water Replacement Fund Standby Charge pursuant to the Municipal Water District Law of 1911. On January 7, 2020, a public hearing was conducted for proposed Ordinance No. 282, as it relates to continuation of the Standby Charge for the fiscal year commencing on July 1, 2020, and the proposed Ordinance was given first reading by title only. There were no public comments. At this time, staff recommends that the Board adopt the Ordinance.

RECOMMENDATION(S):

Waive the full reading of proposed Ordinance No. 282 as it relates to continuation of the Water Replacement Fund Standby Charge for Fiscal Year 2020-21; give second reading of the Ordinance by title only; pass, approve and adopt the Ordinance as presented; and order publication within 15 days of adoption using a summary of the Ordinance.

ORDINANCE NO. 282 (SECOND READING AND ADOPTION)

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, 2020

(Reference is hereby made to Ordinance No. 282 on file in the District's Ordinance Book and by this reference the same is incorporated herein.)

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

The continuation of the Water Replacement Fund Standby Charge is expected to provide approximately \$510,000 in revenue during Fiscal Year 2020-21 to support the Potable Water Replacement Fund.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Angela Saccareccia, Finance Manager

ATTACHMENTS:

Proposed Ordinance No. 282

ORDINANCE NO. 282

AN ORDINANCE OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT AS RELATES TO STANDBY CHARGES FOR THE FISCAL YEAR COMMENCING JULY 1, 2020

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

Section 1. Purpose

This ordinance fixes and continues a standby charge to be levied against each lot or parcel within the district for the fiscal year commencing July 1, 2020, for the purpose of financing the district's potable water replacement program. This charge is imposed pursuant to the Municipal Water District Law.

Section 2. Findings

The Board of Directors finds, determines and declares as follows:

- (a) The board has provided a duly published and mailed notice of public hearing and has conducted a public hearing to consider adoption of a standby assessment;
- (b) The board has considered the written and oral comments presented by interested parties concerning the assessment;
- (c) The district has approved a categorical exemption for the project under the California Environmental Quality Act because the charges are not designed to increase or expand services;
- (d) The standby assessment will be used to pay for a portion of the cost of the potable water replacement programs instituted by the district. Revenue generated from the standby charge does not exceed the cost of the program.
- (e) The report of a qualified engineer that forms the basis for the standby charge is on file with the District;
- (f) It is in the best interests of the district and the community which it serves to pay for a portion of water programs from the proceeds of standby assessments because landowners benefit from maintaining available water supply.

Section 3. Standby Charge

An annual standby charge in the amount of \$10.00 per acre for parcels over one acre, and \$10.00 for each parcel of land of less than one acre is hereby levied against all land within the district for the fiscal year commencing July 1, 2020. A description of the lands (by assessor parcel number) affected by the assessment is on file with the secretary.

Section 4. Collection

The Board of Supervisors and Auditor of the County of Los Angeles are hereby directed to levy, collect and remit to the district this standby charge at the time and in the manner required by law for the levying of taxes for county purposes.

Section 5. Deferrals

(a) A property owner may request a complete or partial deferral from the standby charge by filing a written request by April 12th, 2020 during the fiscal year for which the deferral is sought. The deferral shall be processed and evaluated in accordance with this section.

(b) The following property is eligible for deferral:

(i) Property owned and occupied by a federal, state or local governmental agency.

(ii) Property permanently dedicated to open-space.

(iii) Property which cannot use water supplied by the district due to restrictions imposed by deed or governmental agencies with land use jurisdiction.

(iv) Property which cannot reasonably be expected to derive any benefit from facilities constructed with the proceeds of the water standby charge.

(c) If the general manager approves the request, the charges paid by the applicant shall be refunded and no charge shall be levied for subsequent years. The applicant shall execute an agreement to repay the charges with interest if the property ceases to be eligible for the deferral. The agreement shall be recorded.

(d) If the general manager denies the request, the applicant may appeal denial of the deferral by the general manager by filing a written request for review within 10-days after the general manager's decision. The board shall promptly consider the request for review. The decision of the board shall be final.

(e) The general manager shall adopt reasonable rules and regulations to implement this section.

PASSED, APPROVED and ADOPTED on _____, 2020

Jay Lewitt
President

ATTEST:

Charles Caspary
Secretary

APPROVED AS TO FORM:

W. Keith Lemieux
District Counsel

(SEAL)



February 4, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject : Selection of Bond Counsel for Potential Future Debt Issuance: Award

SUMMARY:

In November 2019, Piper Sandler (formerly Piper Jaffray), the District's financial advisor, issued a Request for Proposals on behalf of the District for bond counsel to support the potential future issuance of debt. Five proposals were received. Staff recommends award of a contract to Stradling Yocca Carlson & Rauth based on their extensive experience serving as bond counsel to local government agencies throughout California.

RECOMMENDATION(S):

Authorize the General Manager to execute an initial five-year contract with Stradling Yocca Carlson & Rauth, in the amount of \$50,000, with optional extensions for up to five additional years, for bond counsel services.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

The cost of the bond counsel services is not expected to exceed \$50,000. Sufficient funds are available in the adopted Fiscal Year 2019-20 Budget.

DISCUSSION:

Background:

On August 6, 2019, the Board authorized a contract with Piper Jaffray (now Piper Sandler) to provide the District with financial advisory services, including assistance in securing financing for the proposed Automated Meter Reading/Advanced Metering Infrastructure (AMR/AMI) Project and the Pure Water Project Las Virgenes-Triunfo. A portion of Piper Sandler's work consisted of assisting the District to develop a debt management team.

Selection of bond counsel is the first step in developing a debt management team. Bond counsel is a law firm that is retained by the issuer of debt to render an opinion that the bonds (or other form of debt) have been validly issued, determine whether the bonds qualify for tax exempt status and provide other related services. Bond Counsel also prepares, reviews and advises the District regarding authorizing resolutions, bond contracts, official statements, validation proceedings and potential litigation.

Initially, the selected bond counsel will provide support to secure financing for the AMR/AMI Project that is anticipated to take the form of a private placement offering where all of the debt is negotiated with one or a few parties and not publicly issued, providing efficiency and cost-savings for small debt issuances.

Consultant Selection:

During November and December 2019, the District's Financial Advisor sought proposals for bond counsel. Proposals were received from Jones Hall, Kutak Rock, Nixon Peabody, Orrick, and Stradling Yocca Carlson & Rauth. Following review of the proposals, Nixon Peabody and Stradling were invited for interviews. The firms were evaluated based on relevant experience, approach to debt financing and overall cost. Based on the results of the interviews, Stradling Yocca Carlson & Rauth is recommended to serve as the District's bond counsel. Stradling serves as bond counsel for numerous cities and water districts throughout Southern California and has demonstrated competence in handling water and sanitation project financing. Staff also conferred with District Counsel prior to finalizing the recommendation.

Contract Structure:

Due to the nature of bond counsel services, the benefits of having continuity through project planning and debt issuance, and the need to ensure initial continuing disclosures and other bond covenants are met, it is recommended that the agreement for the recommended bond counsel be for a term of five years with options to extend for up to an additional five years. If at any time the selected firm fails to fulfill the terms of the agreement, the District will have the option to terminate the contract.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Donald Patterson, Director of Finance and Administration



February 4, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject : Reimbursement Resolution for the AMR/AMI Project: Adoption

SUMMARY:

On August 6, 2019, the Board authorized a contract with Piper Jaffray (now Piper Sandler) to serve as the District's financial advisor and, specifically, to develop financing strategies for both the Automatic Meter Reading/Advanced Metering Infrastructure (AMR/AMI) Project and the Pure Water Project Las Virgenes-Triunfo. For the AMR/AMI Project, staff anticipates recommending that the Board debt finance the project, and adoption of the proposed reimbursement resolution would enable the District to refund the Potable Water Enterprise for monies spent on the project prior to the debt issuance from the debt proceeds.

RECOMMENDATION(S):

Pass, approve and adopt proposed Resolution No. 2569, authorizing the reimbursement of funds utilized for the Automatic Meter Reading/Advanced Metering Infrastructure Project from debt proceeds.

RESOLUTION NO. 2569

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT REGARDING THE DISTRICT'S INTENTION TO ISSUE TAX-EXEMPT OBLIGATIONS

(Reference is hereby made to Resolution No. 2569 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:

This action will allow the District to refund the Potable Water Enterprise for monies spent on the AMR/AMI Project prior to the debt issuance from the debt proceeds.

DISCUSSION:

The Automatic Meter Reading/Advanced Metering Infrastructure (AMR/AMI) Project consists of installing a “smart meter” network for the District. The purpose and primary benefit of the AMR/AMI Project is to automatically notify the District of potential leaks at customers’ homes and businesses and keep customers better informed of their water usage as compared to budget. It is estimated that the conversion to smart meters can reduce District-wide water consumption by as much as 10 percent, or approximately 1,000 acre-feet per year. The AMR/AMI Project is a key element of the District's strategy to comply with the new regulations established by SB 606/AB 1668 for *Making Conservation a California Way of Life*. Staff is preparing to recommend the selection of a smart meter network solution based on a competitive process that was completed in late-2019 and anticipates that the work could begin in spring 2020.

During the Fiscal Year 2019-20 budget process, the Board directed staff to utilize \$1.8 million of revenue generated from wasteful water use penalties for the AMR/AMI Project. As shown in the Cash and Investment Report for December 2019 (Agenda Item 4B), the Potable Water Enterprise was \$1.7 million below its policy reserve levels on December 31, 2019, leaving no funds available for capital projects. With the implementation of the most recent rate study, the Board set potable water rates at a level that would rebuild reserves for the Potable Water Enterprise gradually over the five-year period. Based on current financial results, it is likely that the goal of rebuilding the potable water reserves to policy levels will be accomplished by the end of 2020, if current spending levels are maintained. To accomplish the Board’s goal of rebuilding and maintaining the Potable Water Enterprise reserves and facilitate progress on the AMR/AMI Project, it is recommended that the Board consider debt financing for the project.

The District has retained the services of Piper Sandler as its financial advisor for and is recommending Stradling Yocca Carlson & Rauth (Stradling) to serve as bond counsel. Piper Sandler has been assisting the District with developing financing strategies for the AMR/AMI Project and worked with Stradling in connection with the preparation of the proposed reimbursement resolution. Internal Revenue Service regulations limit the ability of an issuer to reimburse itself with tax-exempt bond proceeds unless the issuer has adopted a resolution expressing its intent to do so. The reimbursement resolution provides the ability for funds paid towards the project to be reimbursed to the fund balance upon obtaining proceeds from the debt issuance. Under federal tax law, expenditures financed with reimbursement bond proceeds must be capital expenditures, issuance costs or certain other permitted expenditures. Within 60 days after payment of the earliest such expenditure, the issuer must declare its official intent to issue bonds to reimburse itself. Reimbursement bond proceeds must be allocated to payment for the original expenditure within 18 months after the expenditure was paid (or the financed property was placed in service, whichever is later), but in no event more than three years after the original expenditure was paid. Adoption of the proposed reimbursement resolution does not in any way obligate the District to issue debt obligations, which would be the subject of future action by the Board.

Following is the current schedule for securing financing for the AMR/AMI Project:

- 02/04/20 – Award bond counsel contract
- 02/04/20 – Adopt reimbursement resolution
- 03/03/20 – Adopt Debt Policy
- 03/03/20 – Approve financing terms
- 04/07/20 – Approve financing

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Donald Patterson, Director of Finance and Administration

ATTACHMENTS:

Proposed Resolution No. 2569

RESOLUTION NO. 2569

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT REGARDING THE DISTRICT'S INTENTION TO ISSUE TAX-EXEMPT OBLIGATIONS

WHEREAS, the Board of Directors of the Las Virgenes Municipal Water District (the "District") desires to finance the costs of acquiring certain public facilities and improvements, as provided in Exhibit A attached hereto and incorporated herein (the "Project");

WHEREAS, the District intends to finance the acquisition of the Project or portions of the Project with the proceeds of the sale of obligations the interest upon which is excluded from gross income for federal income tax purposes (the "Obligations"); and

WHEREAS, prior to the issuance of the Obligations, the District desires to incur certain expenditures with respect to the Project from available monies of the District which expenditures are desired to be reimbursed by the District from a portion of the proceeds of the sale of the Obligations;

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE LAS VIRGENES MUNICIPAL WATER DISTRICT AS FOLLOWS:

Section 1. The District hereby states its intention and reasonably expects to reimburse Project costs incurred prior to the issuance of the Obligations with proceeds of the Obligations. Exhibit A describes either the general character, type, purpose, and function of the Project, or the fund or account from which Project costs are to be paid and the general functional purpose of the fund or account.

Section 2. The reasonably expected maximum principal amount of the Obligations that is anticipated to be used for such reimbursement is \$5,000,000.

Section 3. This resolution is being adopted not later than sixty (60) days after the date (the "Expenditures Date or Dates") that the District expended monies for the portion of the Project costs to be reimbursed from proceeds of the Obligations.

Section 4. Except as described below, the expected date of issue of the Obligations will be within eighteen months of the later of the Expenditure Date or Dates and the date the Project is placed in service; provided, the reimbursement may not be made more than three years after the original expenditure is paid. For Obligations subject to the small issuer exception of Section 148(f)(4)(D) of the Internal Revenue Code, the "eighteen-month limit" of the previous sentence is changed to "three years" and the limitation of the previous sentence beginning with "; provided, . . ." is not applicable.

Section 5. Proceeds of the Obligations to be used to reimburse for Project costs are not expected to be used, within one year of reimbursement, directly or indirectly to pay debt service with respect to any obligation (other than to pay current debt service coming due within the next succeeding one year period on any tax-exempt obligation of the District (other than the Obligations)) or to be held as a reasonably required reserve or replacement fund with respect to an obligation of the District or any entity related in any manner to the District, or to reimburse any expenditure that was originally paid with the proceeds of any obligation, or to replace funds that are or will be used in such manner.

Section 6. This resolution is consistent with the budgetary and financial circumstances of the District, as of the date hereof. No monies from sources other than the Obligation issue are, or are reasonably expected to be reserved, allocated on a long-term basis, or otherwise set aside by the District (or any related party) pursuant to their budget or financial policies with respect to the Project costs. To the best of our knowledge, this Board of Directors is not aware of the previous adoption of official intents by the District that have been made as a matter of course for the purpose of reimbursing expenditures and for which tax-exempt obligations have not been issued.

Section 7. The limitations described in Section 4 and Section 5 do not apply to (a) costs of issuance of the Obligations, (b) an amount not in excess of the lesser of \$100,000 or five percent (5%) of the proceeds of the Obligations, or (c) any preliminary expenditures, such as architectural, engineering, surveying, soil testing, and similar costs other than land acquisition, site preparation, and similar costs incident to commencement of construction, not in excess of twenty percent (20%) of the aggregate issue price of the Obligations that finances the Project for which the preliminary expenditures were incurred.

Section 8. This resolution is adopted as an official action of the District in order to comply with Treasury Regulation § 1.150-2 and any other regulations of the Internal Revenue Service relating to the qualification for reimbursement of the District expenditures incurred prior to the date of issue of the Obligations, is part of the District's official proceedings, and will be available for inspection by the general public at the main administrative office of the District.

Section 9. All the recitals in this Resolution are true and correct and this Board of Directors so finds, determines and represents.

PASSED, APPROVED, AND ADOPTED this 4th day of February, 2020.

President

Secretary

(Seal)

Approved as to form:

District Counsel

EXHIBIT A

DESCRIPTION OF PROJECT

Improvements to the water system of the District including but not limited to the acquisition and installation of approximately 22,000 smart meters.



February 4, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject : Adequacy and Capacity of Westlake Dam Spillway

SUMMARY:

Considering the failure of the spillway at Oroville Dam in 2017, Director Charles Caspary asked staff to evaluate the adequacy and capacity of the spillway at Westlake Dam. The evaluation was requested to include an evaluation of the downstream drainage capacity and potential future flow requirements considering the effects of climate change.

Staff reviewed the original design and construction documents for the spillway, researched the design capacity of the spillway and the basis of the design capacity, and any updated spillway design requirements. In addition, staff researched potential cavitation damage induced failure of the spillway, adequacy of the downstream drainage system to convey the maximum spillway flow, and past reports related to the spillway and dam safety.

Based on the research findings, staff has concluded the following:

- The design capacity of the spillway is 383 cubic feet per second (cfs), which was based on a 72-hour Probable Maximum Precipitation (PMP) rate as defined in the National Oceanic and Atmospheric Administration's (NOAA) 1961 Hydro Meteorological Report (HMR) No. 36.
- The spillway design capacity remains adequate based on the most recently updated 1999 design requirements from NOAA HMR No. 59.
- There is no potential of cavitation damage induced failure of the spillway based on the cavitation index calculated using the U.S. Department of Interior, Bureau of Reclamation cavitation indices formula.
- There is adequate flow capacity downstream of the spillway to deliver the maximum spillway flow of 383 cfs to Westlake Lake.
- A dam and spillway capacity safety review by Lindvall Richter and Associates in 1984 concluded that the Westlake Dam would not be threatened by runoff from the drainage area even if it carried the maximum amount of fire-related debris.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

DISCUSSION:

One of the recommendations from an independent investigation report for the Oroville Dam spillway failure is that physical inspections, while necessary, are not sufficient to identify risks and manage safety. Instead, dam operators should go back to the original design and construction documents to ensure that the standards are consistent with today's practices. Based on this recommendation, staff reviewed the original design reports and construction documents and concluded the following:

Spillway Capacity:

The 1967 Preliminary Design Report (PDR) for the Westlake (Las Virgenes) Reservoir by Boyle Engineering calculated the maximum spillway flow of 170 cubic feet per second (cfs) using 1,000-year flood (0.1% frequency) storm. A subsequent Westlake Reservoir Design Report by Boyle Engineering, dated August 1969, used a more conservative "Design Hydrography" of 72-hour Probable Maximum Precipitation (PMP) based on 1961 Hydro Meteorological Report No. 36 that would produce a 383 cfs spillway flow. The PMP is defined as the physical upper limit of rainfall and would produce 33.74 inches of rainfall within 72 hours with a peak maximum intensity of 5.09 inches of rainfall per hour. The Design Report also assumed that the reservoir water surface would be at its maximum elevation of 1,048 feet (also the spillway elevation) before the 72-hour PMP. The ultimate reservoir surface elevation after the 72-hour PMP would be at 1,053.07 feet, which is below the dam crest elevation of 1,056 feet. In 1999, NOAA updated the 1961 Hydro Meteorological Report (HMR) No. 36 with a Hydro Meteorological Report No. 59. The 72-hour PMP in HMR No. 59 is consistent with that of HMR No. 36. Therefore, the basis of design capacity for the spillway meets the latest design standards.

Cavitation Damage Induced Failure of Spillway:

Cavitation is the formation of vapor cavities in a liquid. Cavitation occurs in high velocity flow when the water pressure is reduced locally due to irregularity in the flow surface. As the vapor cavities move into higher pressure zones, they collapse and send out high pressure shock waves that could damage spillway material. Cavitation indices can be used to evaluate the potential for cavitation damage in a spillway based on a cavitation index formula used by the U.S. Department of Interior, Bureau of Reclamation. There is a potential for cavitation damage when the cavitation index is between 0.2 and 0.5 for typical concrete spillways. The calculated Westlake Reservoir spillway cavitation index is 5.2, and therefore, will not cause potential cavitation damage to the spillway concrete from the maximum spillway flow of 383 cfs.

Downstream Drainage Capacity:

Once the spillway flow exits the end of the concrete spillway, it will spread out over the native rock formation and follow the natural slope and drainage pattern to an approximately two-acre retention basin currently being used as a park. There is a 60-inch drainage pipe from the end of the retention basin (the park) to Westlake Lake. Based on the record drawings for the 60-inch drainage pipeline with a 0.5 percent slope, it can carry a maximum flow of 625 cfs, which is adequate for the maximum spillway design flow of 383 cfs. The 60-inch pipeline would also provide drainage for the Three Springs subdivision. In addition, streets like Three Springs Drive are designed to carry surface storm water flow, if needed. At 40-feet-wide and with an 8-inch-deep drainage flow, Three Springs Drive could carry an additional 150 cfs of storm water flow to Westlake Lake.

Past Dam and Spillway Safety Reviews:

In 1984, Lindvall Richter and Associates performed a safety review of the Westlake Dam and Reservoir. The report stated that “because of the conservatism used in establishing spillway design and reservoir freeboard, the integrity of the storage facility would not be threatened by any runoff from the drainage area even if it carried the maximum amount of fire-related debris...” An updated Westlake Reservoir Hydrology Study was performed in 2001 and an updated Westlake Dam and Reservoir Safety and Performance Assessment was performed in 2003. Both reports provided confirmation that the design standards used to construct the Westlake Reservoir remain valid.

GOALS:

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

Prepared by: John Zhao, Director of Facilities and Operations