



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

AGENDA
REGULAR MEETING
October 6, 2020, 9:00 AM

Public Participation for Meetings of Las Virgenes Municipal Water District Board of Directors in Response to COVID-19

On March 4, 2020, Governor Newsom proclaimed a State of Emergency in California as a result of the threat of COVID-19. On March 17, 2020, Governor Newsom issued Executive Order N-29-20 (superseding the Brown Act-related provisions of Executive Order N-25-20 issued on March 12, 2020), which allows a local legislative body to hold public meetings via teleconferencing and to make public meetings accessible telephonically or otherwise electronically to all members of the public seeking to observe and to address the local legislative body. Pursuant to Executive Order N-29-20, please be advised that members of the Las Virgenes Municipal Water District will participate in meetings telephonically.

PUBLIC PARTICIPATION: Pursuant to Executive N-29-20 and given the current health concerns, members of the public can access meetings live on-line, with audio and limited video, at www.LVMWD.com/LiveStream. In addition, members of the public can submit comments electronically for consideration by sending them to www.LVMWD.com/LiveStream. To ensure distribution to the members of the Las Virgenes Municipal Water District Board of Directors prior to consideration of the agenda, please submit comments 24 hours prior to the day of the meeting. Those comments, as well as any comments received during the meeting, will be distributed to the members of the Board of Directors and will be made part of the official public record of the meeting. Contact Josie Guzman, Executive Assistant/Clerk of the Board, at (818) 251-2123 or jguzman@lvmwd.com with any questions.

ACCESSIBILITY: If requested, the agenda and backup materials will be made available in appropriate alternative formats to persons with a disability, as required by Section 202 of the Americans with Disabilities Act of 1990 (42 U.S.C. Sec. 12132), and the federal rules and regulations adopted in implementation thereof. Any person who requires a disability-related modification or accommodation, in order to observe and/or offer public comment may request such reasonable modification, accommodation, aid, or service by contacting the Executive Assistant/Clerk of the Board by telephone at (818) 251-2123 or via email to jguzman@lvmwd.com no later than 9:00 AM on the day before the scheduled 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.

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: October 6, 2020 (Pg 5)

Receive and File

B Minutes: Regular Meeting of September 15, 2020 (Pg. 43)

Approve

C **Monthly Cash and Investment Report: August 2020 (Pg. 51)**

Receive and file the Monthly Cash and Investment Report for August 2020.

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

A **Proclamation Recognizing Jeff Helgager, Water Distribution Operator III, for 34 Years of Service**

B **MWD Representative Report (Pg. 63)**

C **Legislative and Regulatory Updates (Pg. 67)**

D **Water Supply Conditions Update (Pg. 128)**

6 **TREASURER**

7 **BOARD OF DIRECTORS**

A **Response to Coronavirus (COVID-19) Pandemic: Continuation of Emergency (Pg. 130)**

Approve the continuation of an emergency declaration for response to the coronavirus (COVID-19) pandemic.

8 **FACILITIES AND OPERATIONS**

A **Multi-Site Battery Energy Storage System Project: Request for Proposals (Pg. 132)**

Accept the proposal from TerraVerde Energy, LLC; authorize the General Manager to execute a professional services agreement, in the amount of \$28,625, and apply for Self-Generation Incentive Program funding; and approve the issuance of a Request for Proposals for the Multi-Site Battery Energy Storage System Project.

9 **ENGINEERING AND EXTERNAL AFFAIRS**

A **U.S. Bureau of Reclamation WaterSMART Water and Energy Efficiency Grant (Pg. 139)**

Pass, approve and adopt proposed Resolution No. 2581, authorizing submittal of a grant funding application to the U.S. Bureau of Reclamation for a WaterSMART Water and Energy Efficiency Grant and execution of a grant funding agreement, if successful in the application process.

RESOLUTION NO. 2581

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT AUTHORIZING THE GENERAL MANAGER, OR DESIGNEE, TO APPLY FOR, RECEIVE FUNDS, ENTER INTO A COOPERATIVE AGREEMENT, AND ADMINISTER A GRANT FOR THE 2020 BUREAU OF RECLAMATION WATER AND ENERGY EFFICIENCY GRANT, IF SUCCESSFUL

(Reference is hereby made to Resolution No. 2581 on file in LVMWD's Resolution Book and by this reference the same is incorporated herein.)

10 **INFORMATION ITEMS**

A **Management of Water Quality at the Las Virgenes Reservoir (Pg. 144)**

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**

Members of the public may now address the Board of Directors **ON MATTERS NOT APPEARING ON THE AGENDA**, but within the jurisdiction of the Board. No action shall be taken on any matter not appearing on the agenda unless authorized by Subdivision (b) of Government Code Section 54954.2

14 **CLOSED SESSION**

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

Jane Mania v. Las Virgenes Municipal Water District

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 : October 6, 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. 85852 through 86019 were issued in the total amount of \$ 1,305,961.82

Payments through wire transfers as follows:

Sub-Total Wires	\$ -
Total Payments	\$ 1,305,961.82

(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
10/06/20**

Company Name	Company No.	Check No. 85852 thru 85912 09/15/20 Amount	Check No. 85913 thru 85947 09/23/20 Amount	Check No. 85948 thru 86019 09/29/20 Amount	Total
Potable Water Operations	101	37,460.00	140,190.16	41,798.18	219,448.34
Recycled Water Operations	102		973.54		973.54
Sanitation Operations	130	2,589.05	13,113.24	520.73	16,223.02
Potable Water Construction	201		435.00	303.84	738.84
Water Conservation Construction	203				-
Sani- Construction	230				-
Potable Water Replacement	301	12,180.50	120,681.45	132,009.48	264,871.43
Reclaimed Water Replace	302				-
Sanitation Replacement	330			13,799.03	13,799.03
Internal Service	701	95,580.57	59,140.28	75,296.79	230,017.64
JPA Operations	751	34,185.62	316,629.21	127,441.59	478,256.42
JPA Construction	752				-
JPA Replacement	754		10,164.68	71,468.88	81,633.56
Total Printed		181,995.74	661,327.56	462,638.52	1,305,961.82
Net Total		181,995.74	661,327.56	462,638.52	1,305,961.82

Batch Number - 282135

Bank Account - 00146807 Cash-General

Payment . . .		Address	Name	Payment Stub Message	Document . . .		Key		Amount	Invoice
Number	Date	Number			Ty	Number	Itm	Co		Number
85852	09/15/20	8680	ADS, LLC	AUG'20 FLOW MNTG	PV	171755	001	00701	745.00	22085.22-0820
				AUG'20 FLOW MNTG	PV	171755	002	00701	2,235.00	22085.22-0820
				Payment Amount					2,980.00	
85853	09/15/20	14518	ALL AMERICAN ASPHALT	RFND BAL-CLOSED A/C	PV	171705	001	00101	305.35	9999794
				Payment Amount					305.35	
85854	09/15/20	5625	ASSOC. OF WATER AGENCIES OF VENTURA CO	AWA MBSHP 20-21	PV	171709	001	00701	1,200.00	06-12742
				CCWUC TRNG-8/26	PV	171796	001	00701	100.00	06-12760
				Payment Amount					1,300.00	
85855	09/15/20	7770	AUTOMATIONDIR ECT.COM	RELAYS/BASES/ LIGHTS	PV	171703	001	00101	475.23	11260420
				Payment Amount					475.23	
85856	09/15/20	21056	BATTERY SYSTEMS INC	BATTERY STOCK	PV	171737	001	00701	278.57	5874605
				Payment Amount					278.57	
85857	09/15/20	18080	BOOT BARN INC.	SFTY FWEAR-S.V.	PV	171687	001	00701	213.33	INV00062894
				Payment Amount					213.33	
85858	09/15/20	21548	BRH SUPPLY	DISP FACE SHIELDS	PV	171730	001	00701	279.23	5002
				SOAP	PV	171731	001	00701	276.85	5002
				Payment Amount					556.08	
85859	09/15/20	21628	CA DEBT & INVESTMENT ADVISORY COMMISSION	DEBT REPORTING FEE	PV	171708	001	00301	2,525.00	27836
				Payment Amount					2,525.00	
85860	09/15/20	21627	CALDESAL	MEMBERSHIP 2020-21	PV	171706	001	00701	5,000.00	INV-000002
				Payment Amount					5,000.00	
85861	09/15/20	21515	CALIFORNIA ASSOC OF MUTUAL WATER CO.	CWSA SPONSOR 20-21	PV	171795	001	00701	10,000.00	030

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Payment		Address	Name	Payment Stub Message	Document	Key		Amount	Invoice
Number	Date	Number			Ty	Number	Itm Co		Number
				Payment Amount				10,000.00	
85862	09/15/20	18533	CALIFQRNIA LUTHERAN UNIVERSITY (CLU)	COMM CLASSES-10 EE	PV	171688	001 00701	800.00	LVMWD 0824
				Payment Amount				800.00	
85863	09/15/20	5405	CALOLYMPIC SAFETY	LATEX GLOVES	PV	171729	001 00701	733.52	388395
				Payment Amount				733.52	
85864	09/15/20	2513	CAPCO ANALYTICAL SERVICES	JUL'20 SAMPLING	PV	171759	001 00701	180.00	201274
				Payment Amount				180.00	
85865	09/15/20	18992	CDW GOVERNMENT	COMPUTER EQUIP	PV	171689	001 00701	458.94	ZWB7245
		Alt Payee	19010	CDW GOVERNMENT 75 REMITTANCE DR., SUITE 1515 CHICAGO IL 60675-1515					
				Payment Amount				458.94	
85866	09/15/20	2786	CEDAR VALLEY PLUMBING SUPPLY	GALVANIZED PIPE	PV	171794	001 00751	554.34	131904
				Payment Amount				554.34	
85867	09/15/20	16821	CLEAN SWEEP SUPPLY CO., INC	RESTROOM SUPPLIES	PV	171726	001 00701	1,107.24	584620
				TOWELS	PV	171727	001 00701	471.29	584733
				Payment Amount				1,578.53	
85868	09/15/20	2547	COUNTY SANITATION DISTRICTS OF LA COUNTY	TAPIA GRIT HAULING-AUG'2 0	PV	171797	001 00751	429.02	48892/083120
				Payment Amount				429.02	
85869	09/15/20	18759	DEPARTMENT OF INDUSTRIAL RELATIONS	BD 7 ELEV INSPCTN-8/21	PV	171693	001 00701	225.00	E1737325MR
				BD 8 ELEV INSPCTN-8/21	PV	171694	001 00701	225.00	E1737326MR
				Payment Amount				450.00	
85870	09/15/20	13542	DEZURIK, INC.	BUTTERFLY	PV	171736	001 00701	3,191.93	RPI/66013387

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Payment Number	Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Item	Key Co	Amount	Invoice Number		
				VALVE								
				Payment Amount					3,191.93			
85871	09/15/20	11330	DIAL SECURITY	PRORATED	PV	171734	001	00701	159.50	383231		
				ALARM MNTG								
				Payment Amount					159.50			
85872	09/15/20	20685	DOCUMENT SYSTEMS INC	7/24-8/23	PV	171750	001	00701	82.33	140825		
				CANON MNT-CS								
				Payment Amount					82.33			
85873	09/15/20	4748	E.S.R.I. INC.	GIS SFTWR	PV	171754	001	00701	25,000.00	93892715		
				10/20/20-10/1								
				9/21								
				Payment Amount					25,000.00			
85874	09/15/20	17251	EAGLE AERIAL SOLUTIONS	WTRVIEW	PV	171760	001	00701	15,950.00	20262-R1		
				6/20-6/21								
				Payment Amount					15,950.00			
85875	09/15/20	14591	EMISSION COMPLIANT CONTROLS CORP.	ENGINE SRV	PV	171738	001	00701	2,504.00	PSO4938		
				CALL-8/12								
				FILTERS-CORNE	PV	171739	001	00701	58.00	PSO4943		
				LL								
				EMISSION	PV	171740	001	00701	1,883.00	PSO4946		
				TEST/TRBLSHOO								
				T								
		Alt Payee	15750	EMISSION COMPLIANT CONTROLS CORP. 25783 JEFFERSON AVE., SUITE 130 MURRIETA CA 92562								
				Payment Amount					4,445.00			
85876	09/15/20	18441	EMPLOYEE RELATIONS NETWORK	4 EE	PV	171765	001	00701	480.13	88536		
				BACKGROUND								
				CKS								
				Payment Amount					480.13			
85877	09/15/20	4943	ENVICOM CORPORATION	P/E 7/25 TWN	PV	171748	001	00701	6,515.70	00015835		
				LKS P/S UPGD								
				P/E 8/25 TWN	PV	171749	001	00701	2,240.71	00015912		
				LKS P/S UPGD								
				Payment Amount					8,756.41			
85878	09/15/20	2654	FAMCON PIPE	REPAIR CLAMPS	PV	171719	001	00701	1,619.51	S100035247.00		
				BALL	PV	171720	001	00701	2,792.06	S100035224.00		

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Payment Number	Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Itm	Key Co	Amount	Invoice Number
				VLVS/ANGLE STOPS						1
				BALL VALVES	PV	171721	001	00701	5,483.76	S100035224.00
				HYDRANT PARTS	PV	171722	001	00701	698.61	S100035806.00
				SEAL SADDLE ROMAC	PV	171723	001	00701	466.47	S100035806.00
				Payment Amount					11,060.41	
85879	09/15/20	2661	FLO-SYSTEMS INC	CONE HOUSING	PV	171695	001	00751	945.48	F17994-20X171
				Payment Amount					945.48	
85880	09/15/20	21569	FS CONTRACTORS, INC	RLS RTN-WFP/TNK LNDSCP	PV	171692	001	00301	9,655.50	RLS RTN/WFP-TNK
				Payment Amount					9,655.50	
85881	09/15/20	6770	G.I. INDUSTRIES	9/20 DISP-HQ & SHOP	PV	171761	001	00701	977.87	2954437-0283-
				8/16-8/31 SHOP BLDG	PV	171792	001	00701	575.42	2954610-0283-
				Alt Payee						0
		6771	G.I. INDUSTRIES P. O. BOX 541065 LOS ANGELES CA 90054-1065							
				Payment Amount					1,553.29	
85882	09/15/20	18175	GOLD COAST ENVIRONMENTAL	FLOW CONVERTQR	PV	171767	001	00130	1,844.05	12609
				Payment Amount					1,844.05	
85883	09/15/20	4525	HARRINGTON INDUSTRIAL PLASTICS INC.	TURBIDITY CALIBRATION	PV	171696	001	00751	776.09	005D0051
				Alt Payee						
		7132	HARRINGTON INDUSTRIAL PLASTICS LLC P. O. BOX 5128 CHINO CA 91708-5128							
				Payment Amount					776.09	
85884	09/15/20	4808	HILL BROTHERS CHEMICAL COMPANY	55 GALAMMN SULFATE	PV	171766	001	00751	360.19	07073525
				Payment Amount					360.19	
85885	09/15/20	16896	ANGELEA W. JONES	RFND BAL-CLOSED	PV	171704	001	00101	236.19	650078-061101

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Payment Number	Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Itm	Key Co	Amount	Invoice Number
				A/C						
				Payment Amount					236.19	
85886	09/15/20	3352	LAS VIRGENES MUNICIPAL WATER DISTRICT	WLK FLT 7/31-8/27	PV	171710	001	00101	987.30	0907/090220
				WLK FLT 7/31-8/27	PV	171711	001	00101	318.48	0909/090220
				Payment Amount					1,305.78	
85887	09/15/20	15714	MAXIMUS, INC.	MAXCARS MAINT FY20-21	PV	171707	001	00701	2,500.00	01-2020
				Payment Amount					2,500.00	
85888	09/15/20	14322	MILES CHEMICAL COMPANY, INC	CAUSTIC SODA	PV	171700	001	00751	284.70	604050
				53 GAL HYPOCHLORITE	PV	171701	001	00751	217.94	604051
				8.21 TN FERRIC CHLORIDE	PV	171745	001	00701	5,573.77	603935
				15 GAL BISULFATE	PV	171763	001	00751	312.08	604465
				55 GAL SULFURIC ACID	PV	171764	001	00751	849.83	604079
				Payment Amount					7,238.32	
85889	09/15/20	2365	MSO TECHNOLOGIES	P/E 7/31-PLC PGRM MOD	PV	171746	001	00701	1,480.80	6673
				Payment Amount					1,480.80	
85890	09/15/20	21166	O.S.T.S. INC.	ARC TRNG 9/2 & 9/9	PV	171768	001	00701	1,790.00	53347
				Payment Amount					1,790.00	
85891	09/15/20	2871	PACIFIC COAST BOLT	NUTS & BOLTS	PV	171724	001	00701	953.75	2074644
				NUTS & BOLTS	PV	171724	004	00701	80.69	2074644
				Payment Amount					1,034.44	
85892	09/15/20	3110	GLEN PETERSON	MWD REP FEE-8/4-8/11/ 20	PV	171756	001	00701	1,320.00	21
				Payment Amount					1,320.00	
85893	09/15/20	8484	PRAXAIR DISTRIBUTION,	CYLNDR RENT 7/20-8/20	PV	171793	001	00101	203.67	98471096

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Payment		Address	Name	Payment Stub Message	Document		Key		Amount	Invoice
Number	Date	Number			Ty	Number	Item	Co		Number
			INC							
		Alt Payee	8898	PRAXAIR DISTRIBUTION INC. DEPT. LA 21511 PASADENA CA 91185-1511						
				Payment Amount					203.67	
85894	09/15/20	20334	PRUDENTIAL OVERALL SUPPLY	8/20-UNFRMS/M APS/TWLS	PV	171769	001	00701	66.10	172010124
				8/20-UNFRMS/M APS/TWLS	PV	171769	002	00701	61.87	172010124
				8/20 UNFRMS/MATS/T WLS	PV	171770	001	00701	68.50	172011466
				8/20 UNFRMS/MATS/T WLS	PV	171770	002	00701	61.87	172011466
				8/20 UNFRMS/MATS/T WLS	PV	171771	001	00701	68.50	172012838
				8/20 UNFRMS/MATS/T WLS	PV	171771	002	00701	61.87	172012838
				8/20-UNFRMS/M APS/TWLS	PV	171772	001	00701	68.50	172014141
				8/20-UNFRMS/M APS/TWLS	PV	171772	002	00701	61.87	172014141
				8/20 UNFRMS/MATS/T WLS	PV	171773	001	00701	9.60	172010254
				8/20 UNFRMS/MATS/T WLS	PV	171773	002	00701	21.44	172010254
				8/20 UNFRMS/MATS/T WLS	PV	171774	001	00701	9.60	172011595
				8/20 UNFRMS/MATS/T WLS	PV	171774	002	00701	21.44	172011595
				8/20 UNFRMS/MATS/T	PV	171775	001	00701	9.60	172012973

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Payment Number	Date	Address Number	Name	Payment Stub Message	Document Ty	Number	Key itm	Co	Amount	Invoice Number
				WLS						
				8/20	PV	171775	002	00701	21.44	172012973
				UNFRMS/MATS/T						
				WLS						
				8/20	PV	171776	001	00701	9.60	172014306
				UNFRMS/MATS/T						
				WLS						
				8/20	PV	171776	002	00701	21.44	172014306
				UNFRMS/MATS/T						
				WLS						
				8/20	PV	171777	001	00701	309.13	172010122
				UNFRMS/MATS/T						
				WLS						
				8/20	PV	171778	001	00701	326.33	172011464
				UNFRMS/MATS/T						
				WLS						
				8/20	PV	171779	001	00701	326.33	172012836
				UNFRMS/MATS/T						
				WLS						
				8/20	PV	171780	001	00701	315.13	172014143
				UNFRMS/MATS/T						
				WLS						
				8/20	PV	171781	001	00701	28.40	172010123
				UNFRMS/MATS/T						
				WLS						
				8/20	PV	171781	002	00701	30.83	172010123
				UNFRMS/MATS/T						
				WLS						
				8/20	PV	171782	001	00701	28.40	172011465
				UNFRMS/MATS/T						
				WLS						
				8/20	PV	171782	002	00701	30.83	172011465
				UNFRMS/MATS/T						
				WLS						
				8/20	PV	171783	001	00701	28.40	172012837
				UNFRMS/MATS/T						
				WLS						
				8/20	PV	171783	002	00701	30.83	172012837
				UNFRMS/MATS/T						
				WLS						
				8/20	PV	171784	001	00701	28.40	172014142

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Payment Number	Date	Address Number	Name	Payment Stub Message	Document Ty	Key Nm Co	Amount	Invoice Number
				UNFRMS/MATS/T WLS				
				8/20	PV	171784 002 00701	30.83	172014142
				UNFRMS/MATS/T WLS				
				Payment Amount			2,157.08	
85895	09/15/20	2585	PURETEC	8/1~10/31 DI	PV	171744 001 00701	86.13	1818951
				RNTL-WLK				
				Payment Amount			86.13	
85896	09/15/20	2914	ROADSIDE LUMBER/HARDWA RE	ASPHALT PATCH	PV	171728 001 00701	842.16	2008-532542
				Payment Amount			842.16	
85897	09/15/20	20779	SAND MATERIALS & AGGREGATE SALES, INC	15.92 TN CRSHD AGGREGATE	PV	171743 001 00701	562.76	74341
				Payment Amount			562.76	
85898	09/15/20	6766	SAWYER PETROLEUM	1,700 GAL DIESEL	PV	171732 001 00701	3,766.80	V158020
				1,800 GAL DIESEL	PV	171733 001 00701	3,906.59	V158138
				Payment Amount			7,673.39	
85899	09/15/20	18973	SOUTHERN COUNTIES OIL	55 GAL LOW ASH OIL	PV	171762 001 00101	1,183.15	1701565-IN
				Payment Amount			1,183.15	
85900	09/15/20	20412	SHRED-IT USA LLC	AUG'20-DOC SHRDG SRV	PV	171753 001 00701	198.71	8180339568
				Payment Amount			198.71	
85901	09/15/20	2958	SOUTHERN CALIFORNIA GAS CO	JBR P/S 7/30~8/28	PV	171712 001 00101	16.55	1200/090120
				TAPIA 8/3~9/1	PV	171785 001 00751	794.55	4000/090320
				HQ & OPS	PV	171786 001 00701	373.23	3600/090320
				8/3~9/1				
				CORNELL	PV	171787 001 00101	4,228.79	0400/090320
				8/3~9/1				
				RANCHO	PV	171788 001 00751	363.64	4200/090320
				8/3~9/1				
				WLK P/S	PV	171789 001 00101	15.29	9400/090120
				8/1~9/1				

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Payment . . .		Address	Name	Payment Stub Message	Document . . .	Key		Amount	Invoice
Number	Date	Number			Ty	Number	itm Co		Number
				Payment Amount				5,792.05	
85902	09/15/20	16385	SOUTHWEST VALVE & EQUIPMENT, INC.	VALVES	PV	171735	001 00701	1,186.98	7156
				VALVES	PV	171735	002 00701	129.37	7156
				Payment Amount				1,316.35	
85903	09/15/20	14479	STEPHEN'S VIDEO PRODUCTIONS	VIDEO SRV LV MTGS-AUG'20	PV	171751	001 00701	1,000.00	8-27-20
				VIDEO SRV JPA MTG-AUG'20	PV	171752	001 00701	500.00	8-25-20
				Payment Amount				1,500.00	
85904	09/15/20	21557	THE HOME DEPOT PRO-SUPPLY WORKS	WALL MOUNT A/C	PV	171702	001 00751	601.16	568197800
		Alt Payee	21560 THE HOME DEPOT PRO-SUPPLY WORKS P. O. BOX 404468 ATLANTA GA 30384-4468						
				Payment Amount				601.16	
85905	09/15/20	17645	TORO ENTERPRISES INC.	REMV VALVE-VNTRA BLVD	PV	171747	001 00701	20,000.00	13866
				Payment Amount				20,000.00	
85906	09/15/20	18651	TOYOTA MATERIAL HANDLING SOLUTIONS	PM-RLV FORKLIFT-#723	PV	171713	001 00751	120.06	PSI-0201135
				PM HQ FORKLIFT-#134	PV	171714	001 00701	121.10	PSI-0201136
				PM RLV CART-#712	PV	171715	001 00751	99.10	PSI-0201137
				PM RLV CART-#708	PV	171716	001 00751	99.10	PSI-0201138
				PM TAPIA FORKLIFT-#305	PV	171717	001 00751	124.10	PSI-0201143
				PM TAPIA CART-#304	PV	171718	001 00751	99.10	PSI-0201155
				Payment Amount				662.56	

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Payment . . .		Address	Name	Payment Stub Message	Document . . .		Key		Amount	Invoice
Number	Date	Number			Ty	Number	ltn	Co		Number
85907	09/15/20	3006	UNDERGROUND	DIG SAFE	PV	171790	001	00101	372.91	DBS20194745
			SERVICE ALERT	PERMIT FEE						
				268	PV	171791	001	00101	452.20	820200417
				TICKETS-AUG'20						
				0						
				Payment Amount					825.11	
85908	09/15/20	2780	VALLEY NEWS	AD-HERE FOR	PV	171690	001	00701	80.00	4-2-20
			GROUP	YOU-4/2						
				AD-DRINK FROM	PV	171691	001	00101	700.00	4-16-20
				SINK-4/16						
				Payment Amount					780.00	
85909	09/15/20	18604	VENTURA PEST	PEST	PV	171757	001	00701	135.00	725015
			CONTROL	CNTRL-AUG'20						
				PEST	PV	171757	002	00701	100.00	725015
				CNTRL-AUG'20						
				PEST	PV	171757	003	00701	340.00	725015
				CNTRL-AUG'20						
				PEST	PV	171758	001	00701	135.00	728852
				CNTRL-SEP'20						
				PEST	PV	171758	002	00701	100.00	728852
				CNTRL-SEP'20						
				PEST	PV	171758	003	00701	340.00	728852
				CNTRL-SEP'20						
				Payment Amount					1,150.00	
85910	09/15/20	3035	VWR	LTB/CULTURE	PV	171697	001	00701	749.11	8801963485
			SCIENTIFIC	TUBES						
				PHOSPHORIC	PV	171698	001	00701	206.01	8801977651
				ALARM	PV	171699	001	00701	36.31	8801977652
				THERMOMETER						
		Alt Payee	3216	VWR INTERNATIONAL, INC						
				P. O. BOX 640169						
				PITTSBURGH PA 15264-0169						
				Payment Amount					991.43	
85911	09/15/20	8510	WORK BOOT	SFTY	PV	171686	001	00701	211.88	2-68338
			WAREHOUSE	FWEAR-M.S.						
				Payment Amount					211.88	
85912	09/15/20	19524	XYLEM WATER	CHOPPER PUMP	PV	171741	001	00701	4,490.86	3556B35737
			SOLUTIONS							
			USA, INC	CHOPPER PUMP	PV	171741	002	00701	253.00	3556B35737

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Payment Number	Date	Address Number	Name	Payment Stub Message	Document Ty	Number	Key itm Co	Amount	Invoice Number
				PARTS CHOPPER PUMP	PV	171742	001 00701	530.54	3556B36297
		Alt Payee 19683	XYLEM WATER SOLUTIONS USA, INC. 26717 NETWORK PLACE CHICAGO IL 60673-1267						
				Payment Amount				5,274.40	
				Total Amount of Payments Written				181,995.74	
				Total Number of Payments Written			61		

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Payment . . .		Address	Name	Payment Stub Message	Document . . .		Key		Amount	Invoice
Number	Date	Number			Ty	Number	Itm	Co		Number
85913	09/23/20	2317	ACORN NEWSPAPER	AD-SHUTOFF SCAM-8/27 AD-CMPST AVAILBL-8/27	PV	171846	001	00701	1,088.00	156713
				Payment Amount					2,176.00	
85914	09/23/20	2339	AGOURA LOCK TECHNOLOGIES	60 MASTER PADLOCKS	PV	171821	001	00701	1,534.10	89156
				Payment Amount					1,534.10	
85915	09/23/20	3077	AIRGAS USA, LLC	AUG'20-CYLNDR RENT	PV	171822	001	00701	273.00	9973688392
				AUG'20-CYLNDR REFILLS	PV	171823	001	00701	555.07	9104806955
		Alt Payee	6658 AIRGAS USA, LLC P. O. BOX 102289 PASADENA CA 91189-2289	Payment Amount					828.07	
85916	09/23/20	20424	AT&T	RLV U-VERSE 9/11-10/10	PV	171855	001	00751	69.55	5778/091020
				Payment Amount					69.55	
85917	09/23/20	16253	AT&T MOBILITY	WIRELESS SRV 7/4-8/3	PV	171857	001	00101	33.90	9332/090320
				WIRELESS SRV 7/4-8/3	PV	171857	002	00101	186.51	9332/090320
				WIRELESS SRV 7/4-8/3	PV	171857	003	00101	32.33	9332/090320
				WIRELESS SRV 7/4-8/3	PV	171857	004	00101	294.39	9332/090320
				WIRELESS SRV 7/4-8/3	PV	171857	005	00101	33.16	9332/090320
				WIRELESS SRV 7/4-8/3	PV	171857	006	00101	86.46	9332/090320
				WIRELESS SRV 7/4-8/3	PV	171857	007	00101	27.34	9332/090320
				WIRELESS SRV 7/4-8/3	PV	171857	008	00101	74.61	9332/090320
				WIRELESS SRV 7/4-8/3	PV	171857	009	00101	255.75	9332/090320
				WIRELESS SRV 7/4-8/3	PV	171857	010	00101	31.24	9332/090320
				WIRELESS SRV 7/4-8/3	PV	171857	011	00101	76.73	9332/090320

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Payment . . .		Address	Name	Payment Stub Message	. . . Document . . .		Key	Amount	Invoice
Number	Date	Number			Ty	Number	Item Co		Number
				7/4~8/3					
				WIRELESS SRV	PV	171857	012 00101	43.23	9332/090320
				7/4~8/3					
				WIRELESS SRV	PV	171857	013 00101	620.92	9332/090320
				7/4~8/3					
				WIRELESS SRV	PV	171857	014 00101	28.08	9332/090320
				7/4~8/3					
				WIRELESS SRV	PV	171857	015 00101	28.98	9332/090320
				7/4~8/3					
				WIRELESS SRV	PV	171857	016 00101	43.23	9332/090320
				7/4~8/3					
				WIRELESS SRV	PV	171857	017 00101	1,146.95	9332/090320
				7/4~8/3					
				WIRELESS SRV	PV	171857	018 00101	33.90	9332/090320
				7/4~8/3					
				WIRELESS SRV	PV	171857	019 00101	71.45	9332/090320
				7/4~8/3					
				WIRELESS SRV	PV	171857	020 00101	71.93	9332/090320
				7/4~8/3					
				WIRELESS SRV	PV	171857	021 00101	940.24	9332/090320
				7/4~8/3					
				WIRELESS SRV	PV	171857	022 00101	940.24	9332/090320
				7/4~8/3					
				Payment Amount				5,101.57	
85918	09/23/20	21426	BRIGHTVIEW LANDSCAPE SERVICES, INC	LNDSCP SRV-AUG'20	PV	171814	001 00701	3,149.67	6946298
				LNDSCP SRV-AUG'20	PV	171814	002 00701	5,473.08	6946298
				LNDSCP SRV-AUG'20	PV	171814	004 00701	4,482.67	6946298
				LNDSCP SRV-AUG'20	PV	171814	006 00701	1,090.00	6946298
				BAL-JUL'20 SRV	PV	171849	001 00101	2,037.87	6909602-BAL
				Payment Amount				16,233.29	
85919	09/23/20	21636	CALABASAS PRINTING	PIPE STICKERS-PWP PLANT	PV	171840	001 00751	279.22	255350
				Payment Amount				279.22	
85920	09/23/20	2964	CA DEPARTMENT	SALES/USE	PV	171844	001 00701	945.00	097-817885/08

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Payment Number	Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Itm	Key Co	Amount	Invoice Number
			OF TAX&FEE	TAX-AUG'20						3120
			ADMINISTRATIO							
			N							
				Payment Amount					945.00	
85921	09/23/20	2601	DELL COMPUTER	DELL EXTND	PV	171848	001	00701	1,246.00	10420454237
			CORP	WARRNTY						
		Alt Payee	7819	DELL MARKETING LP						
				P.O. BOX 910916						
				PASADENA CA 91110-0916						
				Payment Amount					1,246.00	
85922	09/23/20	19033	DENOVO	8/24-8/26	PV	171824	001	00701	1,896.25	68729
			VENTURES, LLC	JDE-KRNOS						
				INTRGN						
				OCT'20 DIST	PV	171825	001	00701	4,938.00	68577
				RCVRY						
				Payment Amount					6,834.25	
85923	09/23/20	2658	FEDERAL	PCKG	PV	171845	001	00701	75.51	7-120-38571
			EXPRESS CORP	DLVRD-9/2						
				Payment Amount					75.51	
85924	09/23/20	2655	FERGUSON	RETENTION#1-A	PD	171827	001	00301	6,351.66-	10660/RTN#1
			ENTERPRISES,	MR/AMI						
			LLC							
				PMT#1-AMR/AMI	PV	171828	001	00701	127,033.11	10660/PMT#1
				P/E 8/26						
		Alt Payee	3207	FERGUSON ENTERPRISES, INC. #1083						
				P. O. BOX 740827						
				LOS ANGELES CA 90074-0827						
				Payment Amount					120,681.45	
85925	09/23/20	21333	GOMEZ	TREE SRV @	PV	171838	001	00101	2,100.00	B38012
			LANDSCAPE &	TANK SITES						
			TREE CARE							
				Payment Amount					2,100.00	
85926	09/23/20	19548	GRM	AUG'20	PV	171811	001	00701	106.76	0411633
			INFORMATION	RECORDS						
			MANAGEMENT	STORAGE						
			SERVICES-CA							
				AUG'20	PV	171812	001	00701	310.92	0411634
				RECORDS						
				STORAGE						
				Payment Amount					417.68	

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Payment . . .		Address	Name	Payment Stub Message	Document . . .		Key		Amount	Invoice
Number	Date	Number			Ty	Number	Itm	Co		Number
85927	09/23/20	20856	INTERNATIONAL PRINTING & TYPESETTING INC	DEMO FLOW LABELS-PWP	PV	171808	001	00701	339.45	22398
				AMI INSTALL POSTCARDS	PV	171829	001	00701	788.40	22413
				SIGNS-CONTRCT R/JPA BRD	PV	171830	001	00701	481.80	22412
				Payment Amount					1,609.65	
85928	09/23/20	20823	INVOICE CLOUD INC.	IC FEE-AUG'20	PV	171813	001	00701	5,957.50	964-2020_8
				Payment Amount					5,957.50	
85929	09/23/20	6777	CAL-COAST MACHINERY	TRACTOR MAINT	PV	171841	001	00751	765.98	640709
				REPLC TRCTR FUEL PMP	PV	171842	001	00751	873.24	643876
		Alt Payee	7133	JOHN DEERE FINANCIAL PO BOX 4450 CAROL STREAM IL 60197-4450						
				Payment Amount					1,639.22	
85930	09/23/20	20502	LABWORKS	LABWRK MAINT 9/20~8/21	PV	171831	001	00701	6,858.00	LW-2490
				Payment Amount					6,858.00	
85931	09/23/20	21558	MICHAEL K. NUNLEY & ASSOCIATES, INC.	P/E 8/29-TP OUTFALL REHAB	PV	171798	001	00701	7,035.93	8045
				P/E 8/29-CNTRT VALVE DSGN	PV	171799	001	00701	257.50	8044
				Payment Amount					7,293.43	
85932	09/23/20	20772	NATIONAL PAYMENT CORP.	AUG'20 ELEC PAYSTUBS	PV	171810	001	00701	69.88	900355
				Payment Amount					69.88	
85933	09/23/20	16372	OLIN CORPORATION - CHLOR ALKALI	4,950 GAL HYPOCHLORITE	PV	171816	001	00701	4,249.84	2874164
				4,530 GAL HYPOCHLORITE	PV	171817	001	00701	3,815.73	2874165
				4,832 GAL	PV	171818	001	00701	4,070.11	2875044

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Payment . . .		Address	Name	Payment Stub Message	Document . . .		Key		Amount	Invoice
Number	Date	Number			Ty	Number	ltn	Co		Number
				HYPOCHLORITE						
				4,698 GAL	PV	171819	001	00701	3,957.24	2875844
				HYPOCHLORITE						
				4,958 GAL	PV	171820	001	00701	4,176.25	2876413
				HYPOCHLORITE						
		Alt Payee	16373	OLIN CORPORATION - CHLOR ALKALI						
				P.O. BOX 402766						
				ATLANTA GA 30384-2766						
				Payment Amount					20,269.17	
85934	09/23/20	18946	PACIFIC	P/E 8/31	PV	171800	001	00701	950.00	4233
			ADVANCED	TAPIA FLOOR						
			CIVIL	REHAB						
			ENGINEERING,							
			INC.							
				DSGN/CONST	PV	171801	001	00701	900.00	4005
				SRV P/E 5/31						
				P/E 8/31	PV	171802	001	00701	1,021.25	4236
				CHLOR TANK						
				RPLC						
				Payment Amount					2,871.25	
85935	09/23/20	8506	PADRE	P/E	PV	171804	001	00701	435.00	2020-1635
			ASSOCIATES,	8/31-PSA/CALL						
			INC.	GS INTCNT						
				Payment Amount					435.00	
85936	09/23/20	21484	RMG	AMR/AMI VIDEO	PV	171803	001	00701	8,497.00	1126
			COMMUNICATION	SERIES						
			S							
				Payment Amount					8,497.00	
85937	09/23/20	17174	ROTH STAFFING	TEMP SRV	PV	171805	001	00701	1,064.00	13921472
			COMPANIES, LP	8/17~8/21-D.P						
				.						
				TEMP SRV	PV	171806	001	00701	1,064.00	13923842
				8/24~8/28-S.I						
				.						
				TEMP	PV	171807	001	00701	851.20	13926171
				SRV-8/31~9/3-						
				S.I.						
				Payment Amount					2,979.20	
85938	09/23/20	15800	SAFE AND	REMOVE	PV	171839	001	00101	2,475.00	82820
			BEAUTIFUL	WEEDS@TNKS						

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Payment Number	Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key ltr	Key Co	Amount	Invoice Number
			TREE CO., INC.							
				Payment Amount					2,475.00	
85939	09/23/20	2957	SOUTHERN CALIFORNIA EDISON	RLV CMPST 7/24~8/24/20	PV	171850	001	00751	34,770.53	5165-46/08252 0
				Payment Amount					34,770.53	
85940	09/23/20	2957	SOUTHERN CALIFORNIA EDISON	RW P/S 7/31~8/31/20 NEM	PV	171851	001	00751	99,844.06	4500-42/09052 0
				Payment Amount					99,844.06	
85941	09/23/20	2957	SOUTHERN CALIFORNIA EDISON	BLDG 1 EV-PWP 7/24~8/24/20	PV	171852	001	00751	12.89	3805-EV/08292 0
				Payment Amount					12.89	
85942	09/23/20	2957	SOUTHERN CALIFORNIA EDISON	BLDG 1-HM PWP 7/24~8/24/20	PV	171853	001	00751	1,509.65	4332-HM/08292 0
				Payment Amount					1,509.65	
85943	09/23/20	2957	SOUTHERN CALIFORNIA EDISON	ENERGY CHGS-AUG'20	PV	171858	001	00101	4,805.68	2869/090220
				ENERGY CHGS-AUG'20	PV	171858	002	00101	11.32	2869/090220
				ENERGY CHGS-AUG'20	PV	171858	003	00101	15.54	2869/090220
				ENERGY CHGS-AUG'20	PV	171858	004	00101	12.99	2869/090220
				ENERGY CHGS-AUG'20	PV	171858	005	00101	6,047.55	2869/090220
				ENERGY CHGS-AUG'20	PV	171858	006	00101	12,262.38	2869/090220
				ENERGY CHGS-AUG'20	PV	171858	007	00101	4,546.90	2869/090220
				ENERGY CHGS-AUG'20	PV	171858	008	00101	4,775.42	2869/090220
				ENERGY CHGS-AUG'20	PV	171858	009	00101	12.23	2869/090220
				ENERGY CHGS-AUG'20	PV	171858	010	00101	252.69	2869/090220
				ENERGY	PV	171858	011	00101	8,342.35	2869/090220

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Payment		Address	Name	Payment Stub Message	Document		Key		Amount	Invoice
Number	Date	Number			Ty	Number	Itm	Co		Number
				CHGS-AUG'20						
				ENERGY	PV	171858	012	00101	53,914.26	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	013	00101	80,871.38	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	014	00101	14.39	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	015	00101	824.81	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	016	00101	1,974.28	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	017	00101	7,276.70	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	018	00101	61.03	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	019	00101	144.07	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	020	00101	1,921.96	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	021	00101	1,665.03	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	022	00101	6,465.21	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	023	00101	15.80	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	024	00101	3,064.69	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	025	00101	1,879.40	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	026	00101	17.46	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	027	00101	574.11	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	028	00101	15.14	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	029	00101	12,734.67	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	030	00101	14,705.68	2869/090220
				CHGS-AUG'20						
				ENERGY	PV	171858	031	00101	3,462.15	2869/090220
				CHGS-AUG'20						

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Payment		Address	Name	Payment Stub Message	Document		Key	Amount	Invoice
Number	Date	Number			Ty	Number	Itm Co		Number
				ENERGY	PV	171858	032 00101	2,360.36	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	033 00101	5,975.69	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	034 00101	23,749.26	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	035 00101	9,071.04	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	036 00101	3,466.05	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	037 00101	900.76	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	038 00101	13.29	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	039 00101	25.51	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	040 00101	1,066.66	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	041 00101	5,805.92	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	042 00101	4,375.17	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	043 00101	11.32	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	044 00101	16.83	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	045 00101	14.87	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	046 00101	306.73	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	047 00101	15.57	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	048 00101	1,252.42	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	049 00101	6.91	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	050 00101	6.91	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	051 00101	966.63	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	052 00101	23.29	2869/090220

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Payment Number	Date	Address Number	Name	Payment Stub Message	Document Ty	Number	Key ltm Co	Amount	Invoice Number
				CHGS-AUG'20					
				ENERGY	PV	171858	053 00101	468.29	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	054 00101	1,899.70	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	055 00101	2,507.61	2869/090220
				CHGS-AUG'20					
				ENERGY	PV	171858	056 00101	1,253.80	2869/090220
				CHGS-AUG'20					
				Payment Amount				298,247.86	
85944	09/23/20	16271	SPOK, INC.	PAGER SRV	PV	171826	001 00701	70.99	D0143084U
				9/11-10/10					
				PAGER SRV	PV	171826	002 00701	43.25	D0143084U
				9/11-10/10					
				Payment Amount				114.24	
85945	09/23/20	12149	THATCHER CO. OF CALIFORNIA	4,085 GAL	PV	171815	001 00701	6,005.22	278263
				BISULFITE					
				Payment Amount				6,005.22	
85946	09/23/20	18651	TOYOTA MATERIAL HANDLING SOLUTIONS	PM-FORKLIFT-V	PV	171832	001 00101	121.10	PSI-0202423
				EH #202					
				PM-CART-VEH#3	PV	171833	001 00751	99.10	PSI-0202422
				06					
				PM-FORKLIFT-V	PV	171834	001 00101	114.35	PSI-0202215
				EH#202					
				PM-CART-VEH#7	PV	171835	001 00751	84.00	PSI-0201714
				08					
				PM-FORKLIFT-V	PV	171836	001 00751	592.32	PSI-0201705
				EH#723					
				PM-FORKLIFT-V	PV	171837	001 00701	150.75	PSI-0201704
				EH#134					
				Payment Amount				1,161.62	
85947	09/23/20	3067	XEROX CORPORATION	LEASE-8/20	PV	171854	001 00701	185.50	11278891
				5945-OPS					
				Payment Amount				185.50	
				Total Amount of Payments Written				661,327.56	
				Total Number of Payments Written			35		

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Payment		Address	Name	Payment Stub Message	Document	Key		Amount	Invoice
Number	Date	Number			Ty	Number	Itm Co		Number
85948	09/29/20	2317	ACORN NEWSPAPER	AD-RIBBON CUTTING PWP	PV	171961	001 00751	815.00	157054
				Payment Amount				815.00	
85949	09/29/20	21566	AECOM TECHNICAL SERVICES, INC.	P/E 8/21-MTR REPLCMNT	PV	171951	001 00701	2,694.50	2000398560
				Payment Amount				2,694.50	
85950	09/29/20	20389	AIRGAS SPECIALTY PRODUCTS	7,740 LB AMMONIUM	PV	172050	001 00701	762.78	131669134
		Alt Payee	20559	AIRGAS SPECIALTY PRODUCTS P. O. BOX 934434 ATLANTA GA 31193-4434					
				Payment Amount				762.78	
85951	09/29/20	3077	AIRGAS USA, LLC	WATER COOLERS	PV	171891	001 00701	133.01	9104713549
				GLOVES/GOGGLE	PV	171892	001 00701	266.41	9104762496
				S/EARPLUGS					
				GLOVES/SFTY	PV	171893	001 00701	491.79	9104713550
				GOGGLES					
		Alt Payee	6658	AIRGAS USA, LLC P. O. BOX 102289 PASADENA CA 91189-2289					
				Payment Amount				891.21	
85952	09/29/20	19264	A TO Z LAW	JPA COUNSEL	PV	171873	001 00701	374.00	546
				SRV-JUN'20					
				JPA COUNSEL	PV	171874	001 00701	682.00	650
				SRV-JUL'20					
				Payment Amount				1,056.00	
85953	09/29/20	5625	ASSOC. OF WATER AGENCIES OF VENTURA CO	CCWUC MEMBERSHIP 20-21	PV	171968	001 00701	150.00	CCWUC/20-21
				Payment Amount				150.00	
85954	09/29/20	20695	AT&T	SRV	PV	171989	001 00101	104.59	0051/090520
				8/5-9/4/20					
				SRV	PV	171989	002 00101	49.76	0051/090520
				8/5-9/4/20					
				SRV	PV	171989	003 00101	63.90	0051/090520

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Payment Number	Date	Address Number	Name	Payment Stub Message	Document		Key		Amount	Invoice Number
					Ty	Number	Itm	Co		
				8/5~9/4/20						
				SRV	PV	171989	004	00101	745.07	0051/090520
				8/5~9/4/20						
				SRV	PV	171989	005	00101	677.27	0051/090520
				8/5~9/4/20						
				SRV	PV	171989	006	00101	53.92	0051/090520
				8/5~9/4/20						
				SRV	PV	171989	007	00101	49.61	0051/090520
				8/5~9/4/20						
				SRV	PV	171989	008	00101	49.61	0051/090520
				8/5~9/4/20						
				SRV	PV	171989	009	00101	49.61	0051/090520
				8/5~9/4/20						
				SRV	PV	171989	010	00101	49.61	0051/090520
				8/5~9/4/20						
				SRV	PV	171989	011	00101	49.61	0051/090520
				8/5~9/4/20						
				SRV	PV	171989	012	00101	49.61	0051/090520
				8/5~9/4/20						
				SRV	PV	171989	013	00101	212.27	0051/090520
				8/5~9/4/20						
				SRV	PV	171989	014	00101	49.61	0051/090520
				8/5~9/4/20						
				SRV	PV	171989	015	00101	24.81	0051/090520
				8/5~9/4/20						
				SRV	PV	171989	016	00101	24.80	0051/090520
				8/5~9/4/20						
				Payment Amount				2,303.66		
85955	09/29/20	2869	AT&T	SRV	PV	171980	001	00101	200.82	2045/090720
				9/7~10/6/20						
				SRV	PV	171981	001	00101	67.07	0123/090720
				9/7~10/6/20						
				SRV	PV	171982	001	00101	33.03	0124/090720
				9/7~10/6/20						
				SRV	PV	171983	001	00101	334.77	9054/090520
				9/5~10/4/20						
				SRV	PV	171984	001	00101	405.67	2043/090720
				9/7~10/6/20						
				Payment Amount				1,041.36		
85956	09/29/20	20424	AT&T	BLDG 1	PV	172067	001	00751	64.20	8877/091720
				INTERNET						

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Payment Number	Date	Address Number	Name	Payment Stub Message	Document Ty	Key Number	Key Itm	Key Co	Amount	Invoice Number
				9/18-10/17						
				Payment Amount					64.20	
85957	09/29/20	9631	AT&T LONG DISTANCE	LONG DIST	PV	171985	001	00701	4.49	806368136/090
				8/1-9/1						420
				LONG DIST	PV	171985	002	00701	5.81	806368136/090
				8/1-9/1						420
				LONG DIST	PV	171985	003	00701	12.43	806368136/090
				8/1-9/1						420
				LONG DIST	PV	171985	004	00701	.20	806368136/090
				8/1-9/1						420
				LONG DIST	PV	171985	005	00701	.57	806368136/090
				8/1-9/1						420
				Payment Amount					23.50	
85958	09/29/20	7770	AUTOMATIONDIR ECT.COM	HEATER/BREAKE R	PV	172001	001	00101	199.29	11313880
				Payment Amount					199.29	
85959	09/29/20	20698	BATTERIES PLUS	12V AGM BATTERY	PV	172004	001	00101	83.04	P30832336
				Payment Amount					83.04	
85960	09/29/20	21020	BPS SUPPLY GROUP	16" CHECK VALVE	PV	171942	001	00701	8,387.14	S2744068.001
				16" CHECK VALVE	PV	171942	002	00701	206.60	S2744068.001
				16" CHECK VALVE	PV	171942	003	00701	.01	S2744068.001
				Payment Amount					8,593.75	
85961	09/29/20	19845	DAWN BUCHANAN	DECOR ITEMS-PW DEMO	PV	171956	001	00751	102.90	091020/PWP
				Payment Amount					102.90	
85962	09/29/20	20872	CANDU GRAPHICS	DOC DUPL-MUL HWY MAIN	PV	171957	001	00701	395.02	81227
				DOC DUPL-LNG VLY MAIN	PV	171958	001	00701	455.52	81274
				DOC DUPL-PPLN RPR SRV	PV	171959	001	00701	211.61	81269
				Payment Amount					1,062.15	
85963	09/29/20	20655	CANNON CORPORATION	P/E 8/31-PWP PR DSGN	PV	171949	001	00701	463.50	73528
				P/E 8/31-DSGN SRV INTRCNT	PV	171950	001	00701	303.84	73551
				Payment Amount					767.34	

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Payment Number	Date	Address Number	Name	Payment Stub Message	Document		Key		Amount	Invoice Number
					Ty	Number	Itm	Co		
85964	09/29/20	18107	CAROLLO ENGINEERING, INC	P/E 8/31-PWP FUND GRANT	PV	171948	001	00701	11,309.25	0190365
				Payment Amount					11,309.25	
85965	09/29/20	18660	CHEMTREAT, INC.	SEP'20 WTR TRMNT	PV	171947	001	00701	739.86	CIN0100026183
				Payment Amount					739.86	
85966	09/29/20	20797	CHRIS' MOBILE TIRE SERVICE	FLAT RPR-#709 LOADER	PV	171990	001	00701	242.00	173609
				FLAT RPR-#722 TRACTOR	PV	171991	001	00701	113.75	173605
				2 FRONT TIRES #722	PV	171992	001	00701	846.44	173608
				RPR FLAT-#709 LOADER	PV	171998	001	00701	242.00	679694
				Payment Amount					1,444.19	
85967	09/29/20	2539	CITY OF SIMI VALLEY	PURCH WTR 7/6-9/4	PV	171986	001	00101	10,348.26	70214617
				Payment Amount					10,348.26	
85968	09/29/20	2541	CITY OF WESTLAKE VILLAGE	PERMIT-32019 ROYCETON CT	PV	172054	001	00101	195.00	20/21-011
				Payment Amount					195.00	
85969	09/29/20	17343	CONEJO/LAS VIRGENES FUTURE FOUNDATION	PLATINUM SPONSOR 20-21	PV	171969	001	00701	2,500.00	SPNSRSHP/20-2 1
				Payment Amount					2,500.00	
85970	09/29/20	18111	ELECSYS INTERNATIONAL CORPORATION	AUG'20 MTR DVC MAINT	PV	171954	001	00701	310.00	SIP-E121921
				Payment Amount					310.00	
85971	09/29/20	21492	ELK GROVE AUTO GROUP	'20 RAM TRUCK V/N 0241	PV	171911	001	00701	27,377.12	21450
				'20 RAM TRUCK V/N 0242	PV	171913	001	00701	27,377.12	21451
				'20 RAM TRUCK V/N 9898	PV	171914	001	00701	31,342.12	21452
				'20 RAM TRUCK V/N 9899	PV	171916	001	00701	31,342.12	21453
				Payment Amount					117,438.48	

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Payment		Address	Name	Payment Stub Message	Document		Key		Amount	Invoice
Number	Date	Number			Ty	Number	Itm	Co		Number
85972	09/29/20	8923	ENVIRONMENTAL EXPRESS, INC.	O/G STANDARDS	PV	172005	001	00701	284.35	1000616233
				Payment Amount					284.35	
85973	09/29/20	2654	FAMCON PIPE	ADAPTERS/COUPLINGS	PV	171894	001	00701	1,673.16	S100036547.00
				COUPLINGS	PV	171895	001	00701	105.12	S100036482.00
				Payment Amount					1,778.28	
85974	09/29/20	21055	FIRESTONE COMPLETE AUTO CARE BRIDGESTONE	4 TIRES/ALIGN# 901	PV	171919	001	00701	877.03	194657
		Alt Payee	21088	FIRESTONE COMPLETE AUTO CARE 1100 E. THOUSAND OAKS BLVD. THOUSAND OAKS CA 91362-2815						
				Payment Amount					877.03	
85975	09/29/20	19397	FIRST CHOICE SERVICES	8/20 COFFEE SRV-OPS	PV	172047	001	00701	64.40	387147
				8/20 COFFEE SRV-RLV	PV	172048	001	00701	38.69	387148
				8/20 COFFEE SRV-TAPIA	PV	172049	001	00701	45.53	387149
				Payment Amount					148.62	
85976	09/29/20	4971	FUGRO USA LAND, INC.	QTLY MNTRG INCLNMTR	PV	171876	001	00701	5,483.75	04.00174138-1
		Alt Payee	6803	FUGRO USA LAND, INC. P. O. BOX 301083 DALLAS TX 75303-1083						
				Payment Amount					5,483.75	
85977	09/29/20	6770	G.I. INDUSTRIES	5/20 DISP WLK	PV	172018	001	00101	238.22	2485340-0283-2
				6/20 DISP WLK	PV	172019	001	00101	238.22	2487799-0283-7
				7/20 DISP WLK	PV	172020	001	00101	238.22	2488113-0283-0
				8/20 DISP WLK	PV	172021	001	00101	238.22	2490735-0283-6
				9/20 DISP WLK	PV	172022	001	00101	238.22	2491099-0283-6
				3/20 DISP	PV	172023	001	00751	726.45	2532657-0283-

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Payment Number	Date	Address Number	Name	Payment Stub Message	Document Ty	Number	Key Itm Co	Amount	Invoice Number
				TAPIA					2
				3/20 DISP	PV	172024	001 00751	477.72	2532659-0283-
				TAPIA GRIT					8
				3/1~3/15 DISP	PV	172025	001 00751	455.73	2532823-0283-
				TAPIA RAGS					0
				4/20 DISP	PV	172026	001 00751	736.45	2532826-0283-
				TAPIA					3
				4/20 DISP	PV	172027	001 00751	796.20	2532828-0283-
				TAPIA GRIT					9
				4/1~4/15 DISP	PV	172028	001 00751	429.27	2532861-0283-
				TAPIA RAGS					0
				5/20 DISP	PV	172029	001 00751	736.45	2532864-0283-
				TAPIA					4
				5/20 DISP	PV	172030	001 00751	1,114.68	2532866-0283-
				TAPIA GRIT					9
				5/1~5/15 DISP	PV	172031	001 00751	464.91	2533034-0283-
				TAPIA RAGS					3
				6/20 DISP	PV	172032	001 00751	736.45	2533037-0283-
				TAPIA					6
				6/20 DISP	PV	172033	001 00751	1,114.68	2533039-0283-
				TAPIA GRIT					2
				5/16~5/31	PV	172034	001 00751	442.77	2533051-0283-
				DISP TAPIA					7
				RAGS					
				7/20 DISP	PV	172035	001 00751	740.55	2533080-0283-
				TAPIA					6
				7/20 DISP	PV	172036	001 00751	796.20	2533082-0283-
				TAPIA GRIT					2
				6/16~6/30	PV	172037	001 00751	456.06	2533123-0283-
				DISP TAPIA					4
				RAGS					
				8/20 DISP	PV	172038	001 00751	740.55	2533299-0283-
				TAPIA					2
				8/20 DISP	PV	172039	001 00751	636.96	2533301-0283-
				TAPIA GRIT					6
				7/16~7/31	PV	172040	001 00751	446.01	2533314-0283-
				DISP TAPIA					9
				RAGS					
				9/20 DISP	PV	172041	001 00751	740.55	2533353-0283-
				TAPIA					7
				9/20 DISP	PV	172042	001 00751	796.20	2533355-0283-

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Payment . . .		Address	Name	Payment Stub Message	Document . . .		Key	Amount	Invoice
Number	Date	Number			Ty	Number	Itm Co		Number
				TAPIA GRIT					2
				8/16-8/31	PV	172043	001 00751	427.11	2533393-0283-
				DISP TAPIA					3
				RAGS					
				9/1-9/15 DISP	PV	172044	001 00751	412.68	2533519-0283-
				TAPIA RAGS					3
		Alt Payee	6771	G.I. INDUSTRIES					
				P. O. BOX 541065					
				LOS ANGELES CA 90054-1065					
				Payment Amount				15,615.73	
85978	09/29/20	20970	GARDA CL	ARMRD TRANS	PV	172015	001 00701	325.37	10591349
			WEST, INC.	SRV-SEP'20					
				EXCESS	PV	172016	001 00701	14.35	20449452
				TIME/LIAB-AUG					
				'20					
				Payment Amount				339.72	
85979	09/29/20	2701	GRAINGER,	ELECTRICIANS	PV	171884	001 00701	1,040.31	9610531247
			INC.	TOOL KIT					
				LOCKOUT	PV	171920	001 00701	99.44	9615711752
				PADLOCK					
				UTILITY CART	PV	171921	001 00701	240.04	9620923301
				PILOT LIGHT	PV	171922	001 00701	24.23	9624180379
				LENSES					
				RHINO TAPE	PV	171923	001 00701	149.04	9625300612
				REFILLS					
				BANDING TAPE	PV	171924	001 00701	40.14	9627375471
				SDS INFO KIT	PV	171925	001 00701	117.18	9630305812
				DRIVEWAY	PV	171926	001 00701	172.72	9630906387
				MIRROR					
				BANDING TAPE	PV	171927	001 00701	90.56	9630892546
				ELEC TEST	PV	171928	001 00701	204.77	9634896501
				LEAD KIT					
				AIR FILTERS	PV	171930	001 00701	295.44	9636969785
				THERMAL	PV	171931	001 00701	36.61	9637025207
				OVERLOAD UNIT					
				WHITE TAPE	PV	172017	001 00701	317.42	9630627298
				MICROWAVES	PV	172045	001 00701	373.45	9635037055
				PRESSURE	PV	172046	001 00701	280.32	9638607094
				RECORDER					
				FLASHLIGHT	PV	172066	001 00701	37.31	9634575949

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Payment . . .		Address	Name	Payment Stub Message	Document . . .		Key		Amount	Invoice
Number	Date	Number			Ty	Number	Itm	Co		Number
		Alt Payee	5453	GRAINGER, INC. DEPT 805178142 PALATINE IL 60038-0001						
				Payment Amount					3,518.98	
85980	09/29/20	2705	HACH COMPANY	TURBIDITY	PV	171885	001	00701	2,797.77	12094646
				STD/MAINT KIT						
				TURBIDITY	PV	171885	005	00701	.02	12094646
				STD/MAINT KIT						
				WTR QLTY TST	PV	171888	001	00701	1,119.17	12094634
				SUPPLIES						
				TSTNG	PV	171889	001	00701	1,175.55	12092126
				SPPLY/INSTR						
				CALBRN						
				WTR QLTY	PV	171890	001	00701	26.99	12094619
				TSTNG						
				LAB SUPPLIES	PV	171944	001	00701	1,982.57	12107150
		Alt Payee	6442	HACH COMPANY 2207 COLLECTIONS CENTER DR CHICAGO IL 60693						
				Payment Amount					7,102.07	
85981	09/29/20	2727	IDEXX LABORATORIES	COLILERTS	PV	172051	001	00701	1,194.83	3069849159
		Alt Payee	6447	IDEXX LABORATORIES P. O. BOX 101327 ATLANTA GA 30392-1327						
				Payment Amount					1,194.83	
85982	09/29/20	20856	INTERNATIONAL PRINTING & TYPESETTING INC	CMPST AVAILBL BANNER	PV	172052	001	00701	208.05	22409
				Payment Amount					208.05	
85983	09/29/20	2611	LA DWP	TWIN LKS P/S 8/13~9/11	PV	171987	001	00101	11,027.69	875698/091420
				RECTIFIER 8/13~9/11	PV	171988	001	00101	48.33	017698/091420
				RECTIFIER 8/14~9/14	PV	172056	001	00101	42.96	503850/091520
				Payment Amount					11,118.98	
85984	09/29/20	3352	LAS VIRGENES MUNICIPAL	HQ PWP DEMO 7/29~8/26	PV	171971	001	00751	16,022.12	0151/090220

Batch Number - 282496

Bank Account - 00146807 Cash-General

Payment Number	Date	Address Number	Name	Payment Stub Message	Document Ty	Key Number	Key itm	Key Co	Amount	Invoice Number
			WATER DISTRICT							
				RLV SOLAR 7/31~8/31	PV	171972	001	00754	329.68	9999793/09092 0
				EQS TNK 7/29~8/26	PV	171973	001	00101	356.47	0896/090220
				MORRSN P/S 7/30~8/27	PV	171974	001	00751	33.72	0331/090220
				IND HILLS 7/30~8/27	PV	171975	001	00751	33.72	0558/090220
				BD#7 RW 7/29~8/26	PV	171976	001	00701	348.39	2655/090220
				BD#8 RW 7/29~8/26	PV	171977	001	00701	179.44	2652/090220
				BD#8/RECL 7/29~8/26	PV	171978	001	00701	234.45	2646/090220
				RWPS 7/29~8/26	PV	171979	001	00701	229.94	2645/090220
				Payment Amount					17,767.93	
85985	09/29/20	15749	LAWRENCE ROLL-UP DOORS, INC.	DOUBLE DOORS-PWP BLDG	PV	171945	001	00701	3,841.22	2053684
				Payment Amount					3,841.22	
85986	09/29/20	2798	LOS ANGELES COUNTY ASSESSOR	PARCEL DATA/LOCAL ROLL	PV	171965	001	00701	65.70	092920
				Payment Amount					65.70	
85987	09/29/20	2814	MCMASTER-CARR SUPPLY CO	PIPE FITTINGS	PV	171993	001	00751	163.54	44645818
				PRESSURE GAUGES	PV	171994	001	00751	113.06	44655419
				CARRIAGE BOLTS	PV	171995	001	00751	128.41	44498423
		Alt Payee	3197	MC MASTER-CARR P. O. BOX 7690 CHICAGO IL 60680-7690						
				Payment Amount					405.01	
85988	09/29/20	21407	MESA WATER DISTRICT	JULY'20 FEE SHARE	PV	171967	001	00701	1,514.00	SALES2132
				Payment Amount					1,514.00	

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Bank Account - 00146807 Cash-General

Payment		Address	Name	Payment Stub Message	Document	Key		Amount	Invoice
Number	Date	Number			Ty	Number	Itm Co		Number
85989	09/29/20	21574	METERSYS	PROJECT MGMT AMR/AMI	PV	171952	001 00701	14,571.00	INV-000503
				Payment Amount				14,571.00	
85990	09/29/20	20890	MONTROSE AIR QUALITY SERVICES, LLC	'20 BIOFILTER TESTING	PV	172061	001 00701	19,080.00	INV1246038
				Payment Amount				19,080.00	
85991	09/29/20	2839	MOTION INDUSTRIES, INC.	MOISTURE SEPARATOR	PV	171875	001 00701	1,952.93	CA22-658322
		Alt Payee	10317	MOTION INDUSTRIES INC. FILE 749376 LOS ANGELES CA 90074					
				Payment Amount				1,952.93	
85992	09/29/20	2842	NAPAAUTO PARTS	DEF FLUID	PV	171999	001 00701	35.96	4206-947518
				Payment Amount				35.96	
85993	09/29/20	16754	NATURAL SURROUNDINGS	SEP'20 FLORAL MAINT	PV	171941	001 00701	235.00	7514
				Payment Amount				235.00	
85994	09/29/20	2302	OFFICE DEPOT	TONER/PAPER/T APE	PV	171932	001 00701	683.61	113167766001
				MAILING	PV	171933	001 00701	59.00	113175326001
				ENVELOPES	PV	171934	001 00701	62.62	113175327001
				ENVELOPES	PV	171935	001 00701	100.13	112235134001
				TAPE/FOLDERS/ PENCILS	PV	171938	001 00701	292.04	119700202001
				TAPE/PAPER/PE NCIL LEAD	PV	171939	001 00701	45.97	119715141001
				WALL SIGNS					
				Payment Amount				1,243.37	
85995	09/29/20	20728	OLIVAREZ MADRUGA LEMIEUX & O'NEILL	LEGAL SRV-AUG'20	PV	171877	001 00701	9,877.22	140/AUG'20
				LEGAL	PV	171878	001 00701	21,587.50	140/AUG'20
				SRV-AUG'20					
				Payment Amount				31,464.72	
85996	09/29/20	15469	OLYMPIC	PAINT 25	PV	172008	001 00101	2,400.00	14423

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Bank Account - 00146807 Cash-General

Payment Number	Date	Address Number	Name	Payment Stub Message	Document Ty	Key Number	Key Itm	Key Co	Amount	Invoice Number
			PAINTING CO.	HYDRANTS						
				Payment Amount					2,400.00	
85997	09/29/20	17295	QUADIENT	MAIL MCHN PMT	PV	171953	001	00701	1,069.15	N8472827
			LEASING USA, INC	7/9~10/8/20						
				Payment Amount					1,069.15	
85998	09/29/20	21594	RECYCLED WOOD PRODUCTS	130 YDS	PV	171862	001	00701	1,545.70	198116
				WOODCHIPS						
				130 YDS	PV	171863	001	00701	1,545.70	198157
				WOODCHIPS						
				130 YDS	PV	171864	001	00701	1,545.70	198313
				WOODCHIPS						
				130 YDS	PV	171865	001	00701	1,545.70	198417
				WOODCHIPS						
				130 YDS	PV	171896	001	00701	1,545.70	198566
				WOODCHIPS						
				130 YDS	PV	171897	001	00701	1,545.70	198615
				WOODCHIPS						
				130 YDS	PV	171898	001	00701	1,545.70	198714
				WOODCHIPS						
				130 YDS	PV	171899	001	00701	1,545.70	198743
				WOODCHIPS						
				Payment Amount					12,365.60	
85999	09/29/20	20779	SAND MATERIALS & AGGREGATE SALES, INC	24.96 TN SAND-9/3	PV	171943	001	00701	507.07	74484
				Payment Amount					507.07	
86000	09/29/20	6766	SAWYER PETROLEUM	2,000 GAL DIESEL-TAPIA	PV	171946	001	00701	4,097.81	V158863
				Payment Amount					4,097.81	
86001	09/29/20	4629	MAX D. SCHLEPPENBACH	RFND BAL-CLOSED A/C	PV	171966	001	00101	114.27	007354
				Payment Amount					114.27	
86002	09/29/20	21057	SIMI VALLEY FORD	OIL/FILTERS-# 931	PV	171917	001	00701	175.02	C46347
				RPR FUEL	PV	171918	001	00701	387.98	W46347
				BYPASS-#931						
				Payment Amount					563.00	
86003	09/29/20	2949	SNAP ON TOOLS	BATTERY	PV	172000	001	00701	833.02	09022075123

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Bank Account - 00146807 Cash-General

Payment Number	Date	Address Number	Name	Payment Stub Message	Document Ty	Key ltn Co	Amount	Invoice Number
				CHRGR/JUMPER Payment Amount			833.02	
86004	09/29/20	2958	SOUTHERN CALIFORNIA GAS CO	CONDUIT 8/18-9/17	PV	172055 001 00101	14.79	8400/092120
				Payment Amount			14.79	
86005	09/29/20	15427	THE GATEKEEPER	GATE REPAIR-RANCHO	PV	172003 001 00751	145.00	20820
				Payment Amount			145.00	
86006	09/29/20	21557	THE HOME DEPOT PRO-SUPPLY WORKS	SANITIZER STANDS/SANTZR	PV	171955 001 00701	2,061.47	571926344
		Alt Payee	21560 THE HOME DEPOT PRO P. O. BOX 742440 LOS ANGELES CA 90074-2440					
				Payment Amount			2,061.47	
86007	09/29/20	21599	THE ROVISYS COMPANY	P/E 8/31-SCADA UPGD	PV	172053 001 00701	67,981.20	62879
				Payment Amount			67,981.20	
86008	09/29/20	9505	TIRE MAN AGOURA	RPR FLAT TIRE-#928	PV	171996 001 00701	25.00	2090379
				RPR FLAT TIRE-#325	PV	171997 001 00701	25.00	20960637
				Payment Amount			50.00	
86009	09/29/20	18095	TOTAL BARRICADE SERVICE, INC.	TRAFFIC CNTRL SRV-8/25	PV	172006 001 00101	793.00	51159
				TRAFFIC CNTRL SRV-8/26	PV	172007 001 00101	779.00	51158
				TRAFFIC CNTRL@PKWY CLB 9/1	PV	172057 001 00101	589.00	51223
				Payment Amount			2,161.00	
86010	09/29/20	20880	TPX COMMUNICATION S	SRV-9/16-10/1 5/20	PV	172060 001 00701	2,085.83	134517768-0
				SRV-9/16-10/1 5/20	PV	172060 002 00701	1,796.27	134517768-0

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Bank Account - 00146807 Cash-General

Payment . . .		Address	Name	Payment Stub Message	Document . . .		Key	Amount	Invoice
Number	Date	Number			Ty	Number	Itm Co		Number
				SRV-9/16~10/1 5/20	PV	172060	004 00701	406.87	134517768-0
				SRV-9/16~10/1 5/20	PV	172060	007 00701	2,139.10	134517768-0
				Payment Amount				6,428.07	
86011	09/29/20	19135	TRANSUNION RISK & ALTERNATIVE DATA SOLUT	BAD DEBT SEARCH-AUG'20	PV	171964	001 00701	246.00	974571/AUG'20
				Payment Amount				246.00	
86012	09/29/20	21252	TYLER TECHNOLOGIES, INC.	BAR CODE PRINTER	PV	172009	001 00701	1,199.03	045-316194
				ERP IMPLTN 8/11~8/13	PV	172010	001 00701	4,200.00	045-314053
				ERP IMPLTN 8/17	PV	172011	001 00701	1,400.00	045-314450
				ERP IMPLTN 8/25~8/27	PV	172012	001 00701	4,200.00	045-315197
				ERP IMPLTN 8/18 & 9/2	PV	172013	001 00701	2,800.00	045-316003
				Payment Amount				13,799.03	
86013	09/29/20	20935	US METRO GROUP, INC.	JNTRL	PV	171871	001 00701	8,771.00	102562
				SRV-AUG'20					
				JNTRL	PV	171871	003 00701	2,468.27	102562
				SRV-AUG'20					
				JNTRL	PV	171871	005 00701	202.46	102562
				SRV-AUG'20					
				DISINFCT	PV	171872	001 00701	2,773.50	102683
				SRV-AUG'20					
				DISINFCT	PV	171872	003 00701	2,773.50	102683
				SRV-AUG'20					
				Payment Amount				16,988.73	
86014	09/29/20	2780	VALLEY NEWS GROUP	LGL AD-MND	PV	171960	001 00701	160.00	9-3
				TWN LKS					
				AD-RIBBON	PV	171962	001 00751	250.00	9-3-20
				CUTTING PWP					
				ADS-SCAM	PV	171963	001 00701	700.00	8-27
				ALERT/CMPST					
				AVAIL					
				ADS-SCAM	PV	171963	002 00701	700.00	8-27

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Bank Account - 00146807 Cash-General

Payment Number	Date	Address Number	Name	Payment Stub Message	Document Ty	Number	Key Itm	Co	Amount	Invoice Number
				ALERT/CMPST AVAIL						
				Payment Amount					1,810.00	
86015	09/29/20	2436	VINCE BARNES AUTOMOTIVE	OIL/FILTERS-# 909	PV	171866	001	00701	126.09	024713
				SERP	PV	171867	001	00701	268.24	024715
				BELT/OIL/FLTR S-#902						
				REAR	PV	171868	001	00701	373.81	024749
				BRKS/OIL/FLTR S-#905						
				ENG OIL	PV	171869	001	00701	319.16	024755
				LINES/SRV-#90 6						
				SRV	PV	171905	001	00701	812.03	024756
				AC/SHOCKS/OIL -#868						
				OIL/FILTERS-# 916	PV	171906	001	00701	99.81	024759
				TIRE PRSSR	PV	171907	001	00701	475.73	024761
				SENSORS-#902						
				REPLC REAR SHKL	PV	171908	001	00701	156.18	024762
				BOLTS-#851						
				OIL/FILTERS-# 928	PV	171909	001	00701	162.17	024767
				OIL/FILTERS-# 932	PV	171910	001	00701	162.17	024768
				ENG/TRAN MNTS/SRV	PV	172062	001	00701	1,058.74	024636
				TRAN-#895						
				OIL/FLTRS/SRV TRAN#901	PV	172063	001	00701	317.23	024766
				OIL/FLTRS-#92 4	PV	172064	001	00701	99.81	024774
				REPLC FUSE BOX-#909	PV	172065	001	00701	514.56	024780
				Payment Amount					4,945.73	
86016	09/29/20	3035	VWR SCIENTIFIC	IMHOFF CONE	PV	171970	001	00701	271.84	8802144599

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Bank Account - 00146807 Cash-General

Payment Number	Date	Address Number	Name	Payment Stub Message	Document Ty	Key ltn Co	Amount	Invoice Number
		Alt Payee	3216	VWR INTERNATIONAL, INC P. O. BOX 640169 PITTSBURGH PA 15264-0169				
				Payment Amount			271.84	
86017	09/29/20	19685	W. LITTEN INC.	SPRYFLD 8/31~9/4/20	PV	171902 001 00701	4,862.80	20043
				SPRYFLD 9/8~9/11/20	PV	171903 001 00701	4,798.46	20044
				SPRYFLD 9/14~9/18/20	PV	171904 001 00701	5,025.35	20045
				Payment Amount			14,686.61	
86018	09/29/20	18914	WECK LABORATORIES, INC.	PWP DEMO-0G31055	PV	171859 001 00751	845.74	W0H1385-LV
				PWP DEMO-0H06060	PV	171860 001 00751	1,106.92	W0I0414-LV
				PWP DEMO-0H11043	PV	171861 001 00751	1,071.92	W0I0688-LV
				DIONIZED WATER-0H18094	PV	171879 001 00701	26.52	W0H1456-LV
				TAPIA EFFLNT-0H1809	PV	171880 001 00701	33.95	W0H1660-LV
				5 WESTLAKE-0H12	PV	171881 001 00701	56.24	W0I0279-LV
				034 TAPIA	PV	171882 001 00701	76.39	W0I0576-LV
				GRNDWTR-0H180				
				96 TAPIA	PV	171883 001 00701	7.43	W0I0812-LV
				GRNDWTR-0I010				
				25 PWP	PV	172002 001 00751	833.92	W0I0905-LV
				DEMO-0H27074				
				Payment Amount			4,059.03	
86019	09/29/20	3047	WESCO DISTRIBUTION, INC.	CAM-LOK CONCTOR	PV	171940 001 00701	297.15	030936
		Alt Payee	6443	WESCO DISTRIBUTION, INC PO BOX 31001-0465 PASADENA CA 91110-0465				

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Bank Account - 00146807 Cash-General

Payment Number	Date	Address Number	Name	Payment Stub Message	Document Ty Number	Key Itm Co	Amount	Invoice Number
				Payment Amount			297.15	
				Total Amount of Payments Written			462,638.52	
				Total Number of Payments Written		72		



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

MINUTES
REGULAR MEETING

9:00 AM

September 15, 2020

PLEDGE OF ALLEGIANCE

The Pledge of Allegiance to the Flag was led by Keith Lemieux.

1. CALL TO ORDER AND ROLL CALL

The meeting was called to order at **9:00 a.m.** by Board President Lewitt via teleconference in the Board Room at Las Virgenes Municipal Water District headquarters at 4232 Las Virgenes Road, Calabasas, CA 91302. The meeting was conducted via teleconference pursuant to the provisions of the Governor's Executive Order, N-29-20, which suspended certain requirements of the Ralph M. Brown Act to support social distancing guidelines associated with response to the coronavirus (COVID-19) outbreak. Josie Guzman, 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
Josie Guzman, Clerk of the Board
Keith Lemieux, District Counsel

2. APPROVAL OF AGENDA

Director Lo-Hill moved to approve the agenda. Motion seconded by Director Renger.

Motion carried unanimously.

3. PUBLIC COMMENTS

Don Patterson, Director of Finance and Administration, introduced Valerie Bueno, who was recently hired as an Administrative Assistant. Ms. Bueno stated that she was looking forward to the opportunity to work for the District.

Ursula Bosson, Customer Service Manager, introduced Albert Silva, who was recently hired as a Customer Service Representative. Mr. Silva stated that he was very excited to work for the District.

Ms. Bosson also introduced Rachel Wright, who was recently hired as a Customer Service Representative. Ms. Wright stated that she was looking forward to working for the District.

4. CONSENT CALENDAR

A List of Demands: September 15, 2020: Receive and file

B Minutes Regular Meeting of September 1, 2020: Approve

C Directors' Per Diem – August 2020: Ratify

D Westlake Filtration Plant Woolsey Fire Repairs: Approval of Scope Change

Authorize the General Manager to approve proposed Scope Change No. 2, in the amount of \$9,175, for M6 Consulting, Inc., to provide additional electrical design work for repairs at the Westlake Filtration Plant.

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 Legislative and Regulatory Updates

Joe McDermott, Director of Engineering and External Affairs, provided an update regarding staff's response to South Coast Air Quality Management District's (SCAQMD) proposal to change its rules dealing with exceeding runtime limits during a Public Safety Power Shutoff (PSPS) event and addressing testing and maintenance. He reported that District staff would wait on working towards introducing new legislation in the next legislative session with the condition that reasonable progress be made on a rule change by the end of the calendar year. He also stated that should SCAQMD not have a rule change ready by the end of the calendar year, then staff would pursue legislation.

B Water Supply Conditions Update

No additional update as provided.

6. TREASURER

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

7. BOARD OF DIRECTORS

A Response to Coronavirus (COVID-19) Pandemic: Continuation of Emergency

Approve the continuation of an emergency declaration for response to the coronavirus (COVID-19) pandemic.

Ursula Bosson, Customer Service Manager, presented the report and noted the number of high water users who have defaulted on their payment plans.

Director Polan moved to approve Item 7A. Motion seconded by Director Lo-Hill.

A discussion ensued regarding concerns with the inability to collect payment from delinquent accounts, expected challenges with collecting delinquent payments, and bringing accounts into good standing after the moratorium is lifted.

Board President Lewitt suggested that staff contact high water users with delinquent accounts to encourage placing them on payment plans and to recommend ways to reduce their water usage.

Motion carried unanimously.

8. ENGINEERING AND EXTERNAL AFFAIRS

A Calleguas-Las Virgenes Interconnection Project: Construction Award

Accept the request from Toro Enterprises, Inc., to withdraw its bid due to a clerical error; authorize the General Manager to execute a construction contract with Sully-Miller Contracting Company, in the amount of \$4,683,270.55; accept the proposal from Cannon Corp Engineering Consultant and authorize the General Manager to execute a professional services agreement, in the amount of \$265,990, for construction management and inspection services; appropriate an additional \$500,000 in funding; and authorize the General Manager to execute a Memorandum of Agreement with the City of Westlake Village for reimbursement for street repaving and fiber optic work for the Calleguas-Las Virgenes Interconnection Project.

General Manager David Pedersen provided introductory remarks and noted that the cost of the project would also be offset by a \$1.98 million Proposition 84 Integrated Regional Water Management Grant.

Oliver Slosson, Senior Engineer, presented the report.

Director Lo-Hill moved to approve Item 8A. Motion seconded by Director Caspary.

Anthony Goff, General Manager of Calleguas Municipal Water District, congratulated the District and the Las Virgenes – Triunfo Joint Powers Authority on the grand opening of the Pure Water Demonstration Facility. He spoke in support of the Calleguas-Las Virgenes Interconnection Project construction award.

Motion carried unanimously.

B Rancho Solar Field Facility Landscaping Project: Call for Bids

Authorize the issuance of a call for bids for the Rancho Solar Field Facility Landscaping Project.

Oliver Slosson, Senior Engineer, presented the report.

Director Caspary moved to approve Item 8B. Motion seconded by Director Polan.

John Zhao, Director of Facilities and Operations, responded to questions regarding the grading, berm construction, and possible use of compost instead of mulch by stating that the berm was already constructed and dirt was stockpiled during grading activities. He noted that it was the intent to use compost to fertilize the landscaping. He also responded to a question regarding the proposed landscaping plant materials by stating that native plant materials would be installed similar to the plants that were installed at the 5-Million-Gallon Tank site. He also responded to a question regarding whether public outreach was conducted to neighboring residents who previously expressed concern regarding the aesthetics of the solar field by stating that approximately 1,500 to 2,000 postcards were mailed to neighboring residents and only one resident responded indicating that she was satisfied with the landscaping plans.

Board President Lewitt requested that the neighboring residents be informed that the District was keeping its promise to landscape the Rancho Solar Field Facility.

Joe McDermott, Director of Engineering and External Affairs, responded to a question regarding whether the neighboring residents could be contacted via text message by stating that the District recently entered into an agreement with Everbridge, which would have the ability to send electronic messages to District customers.

Motion carried unanimously.

C 2020 Urban Water Management Plan: Award

Accept the proposal from Stantec Consulting Services, Inc., and authorize the General Manager to execute a professional services agreement, in the amount of \$64,023, for preparation of the 2020 Urban Water Management Plan.

Oliver Slosson, Senior Engineer, presented the report.

Director Polan moved to approve Item 8C. Motion seconded by Director Lo-Hill.

Mr. Slosson responded to a question regarding the timeline to complete the Urban Water Management Plan by stating the plan would be submitted to the Department of Water Resources by June 2021. He noted that the plan would be presented to the Board for review in February 2021.

Mr. Schlageter, Principal Engineer, responded to a question regarding whether data from the rate review process would be incorporated into the plan by stating that any changes, updates, and new requirements from the Department of Water Resources would be addressed in the plan. General Manager David Pedersen added that information from Metropolitan Water District of Southern California regarding its water supplies would be shared with the District, which would also be incorporated into the plan.

General Manager David Pedersen responded to a question regarding any changes to the Department of Water Resources' process since the Division of Drinking Water was now under the State Water Resources Control Board by stating that the main changes were a result of the passage of SB 606 and AB 1668, which established standards for water use efficiency. He noted that these legislative packages included changes to the Urban Water Management Plan primarily related to drought preparedness.

Motion carried unanimously.

9. NON-ACTION ITEMS

A Organization Reports

None.

B Director's Reports on Outside Meetings

Director Lo-Hill noted that she was registered for the WaterReuse Virtual Symposium, which was taking place that same day, and she inquired whether she could view the recording at a later date and claim per diem compensation. Keith Lemieux, District Counsel, confirmed that the Board had previously agreed that Board members would be eligible to claim per diem compensation days for the days they participate in conferences if they were registered.

C General Manager Reports

(1) General Business

General Manager David Pedersen acknowledged the Board and staff for their efforts on the Pure Water Demonstration Facility ribbon-cutting ceremony. He noted that he received much positive feedback. He also noted that the video recording of the ceremony

was posted on the District's website, as well as on ourpureh2o.com. He also reported that the WaterReuse Virtual Symposium was taking place September 14 through 16, 2020, and recorded sessions would be available for viewing up to one month after the event for registered participants. He noted that he sent a copy of the program to the Board highlighting recommended sessions.

(2) Follow-Up Items

General Manager David Pedersen noted that the repairs to the cracks in the Las Virgenes Reservoir spillway would be completed before winter, and staff would bring back a report and share photographs of the repair work at a future Board meeting. He also noted that future COVID-19 data reports would include the number of high water users who have defaulted on their payment plans. He reported that the District employee who had tested positive for COVID-19 had returned to work, and five employees who were identified through contact tracing as having had contact with this employee would return to work this week. He stated that the measures taken to separate and isolate the different work groups helped to ensure there was not a significant impact to the District. He noted that future agenda items would include a report on water quality issues related to Las Virgenes Reservoir and a report for the JPA meeting regarding a mascot for the Pure Water Project Las Virgenes-Triunfo.

D Directors' Comments

Board President Lewitt acknowledged staff on their efforts for the Pure Water Demonstration Facility ribbon-cutting ceremony. He noted that Senator Henry Stern and City of Westlake Village Councilmember Brad Halpern were very impressed with the facility. He encouraged staff to provide private tours to elected officials and key community leaders.

Director Lo-Hill congratulated District staff on the successful Pure Water Demonstration Facility ribbon-cutting ceremony. She suggested that environmental leaders be invited to tour the facility.

Director Caspary acknowledged staff on their efforts for the Pure Water Demonstration Facility. He noted that the project was a culmination of many years of work and would be a great benefit for District customers.

10. FUTURE AGENDA ITEMS

None.

11. PUBLIC COMMENTS

None.

12. CLOSED SESSION

None.

13. OPEN SESSION AND ADJOURNMENT

Seeing no further business to come before the Board, the meeting was duly adjourned at **9:59 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)



October 6, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

Subject : Monthly Cash and Investment Report: August 2020

SUMMARY:

During the month of August, the value of the District's investment portfolio increased from \$103,088,385, held on July 31, 2020, to \$104,501,511, including \$10,010,000 in loan proceeds for the Automatic Meter Reading/Advanced Metering Infrastructure (AMR/AMI) Project. Three investments were called, one investment matured and five investments were purchased, decreasing the book value to \$53,903,089. The value of the District's Local Agency Investment Fund (LAIF) account decreased to \$39,426,798, and the District opened a California Asset Management Program (CAMP) account in the amount of \$11,101,958.

RECOMMENDATION(S):

Receive and file the Monthly Cash and Investment Report for August 2020.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

DISCUSSION:

As of August 31, 2020, the District held \$104,501,511, up 12.66% year-over-year. The portfolio was up 1.37% from the previous month's total of \$103,088,385. The majority of the funds were held in the District's investment account, which had an August 31st book value of \$53,903,089. LAIF held the majority of the remaining funds, in the amount of \$39,426,798. CAMP held \$11,101,958, and the remaining portion of the District's funds was held in a money market account. The annualized yield for the District's investment portfolio was 1.78% in August 2020, down from 1.87% in July. The annualized yield on the District's LAIF funds was

0.78% in August, down from June's 0.92%. The annualized yield for CAMP funds was 0.30% in August. The total yield on the District's accounts was 1.25%, down from 2.22% year-over-year.

The following investments were called during August 2020:

- 08/10/20 – FHLB agency bond, in the amount of \$1,000,000, with an original maturity of 08/10/22; YTM 2.00%.
- 08/25/20 – FHLMC agency bond, in the amount of \$1,000,000, with an original maturity of 02/25/25; YTM 1.75%.
- 08/26/20 – FNMA agency bond, in the amount of \$1,000,000, with an original maturity of 02/26/25; YTM 1.85%.

The following investment matured during August 2020:

- 08/1/20 – Newark, CA Unified School District (NEWSCD) municipal bond, in the amount of \$910,000; YTM 1.78%.

The following investments were purchased during August 2020:

- 08/12/20 – City of Beverly Hills Public Financing Authority water revenue bond, in the amount of \$500,000, with a maturity of 06/01/25; YTM 0.719%
- 08/13/20 – FMLMC agency callable bond, in the amount of \$1,000,000, with a maturity of 08/10/23; YTM 0.30%.
- 08/14/20 – FNMA agency callable bond, in the amount of \$1,000,000, with a maturity of 08/14/25; YTM 0.65%.
- 8/26/20 – Bank of Hapoalim, NY insured CD, in the amount of \$245,000, with a maturity of 08/26/22; YTM 0.25%.
- 8/27/20 – Texas Capital Bank insured CD, in the amount of \$245,000, with a maturity of 08/08/22; YTM 0.25%.

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

- 08/04/20 – Withdraw in the amount of \$11,000,000.
- 08/17/20 – Deposit in the amount of \$1,000,000.
- 08/27/20 – Deposit in the amount of \$1,000,000.

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.

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 August 31, 2020 and compares the balances to the adopted Financial Policies. As shown for August, the Potable Water Enterprise had \$13.3 million available for capital projects, including \$10 million in loan proceeds for the AMR/AMI Project. The Sanitation Enterprise had cash and investments that exceeded the District's Financial Policies by \$11.6 million, and the Recycled Water Enterprise had cash and investments that exceeded the District's Financial Policy levels by \$14.5 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:

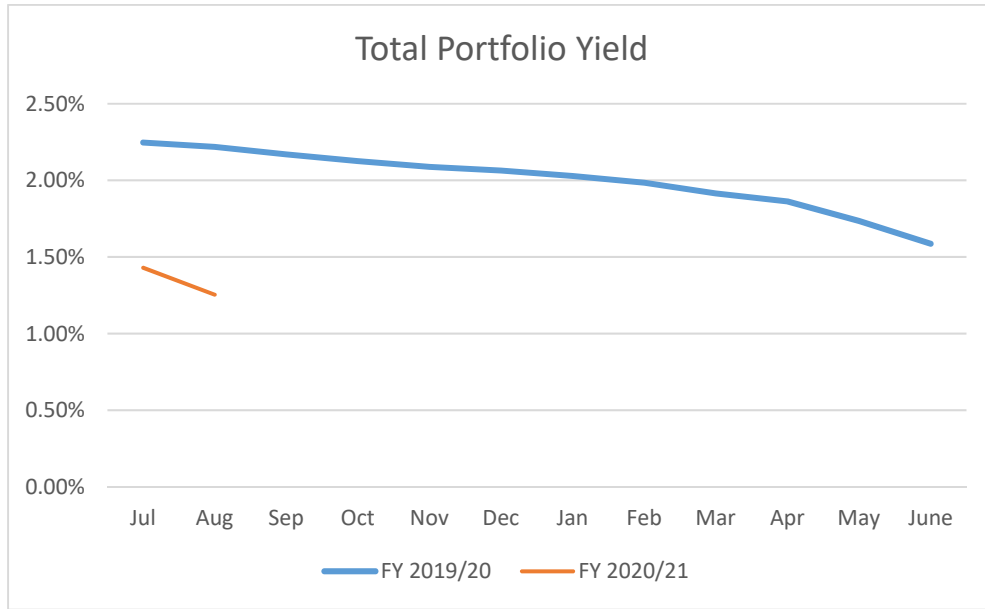
Charts

August Investment Report

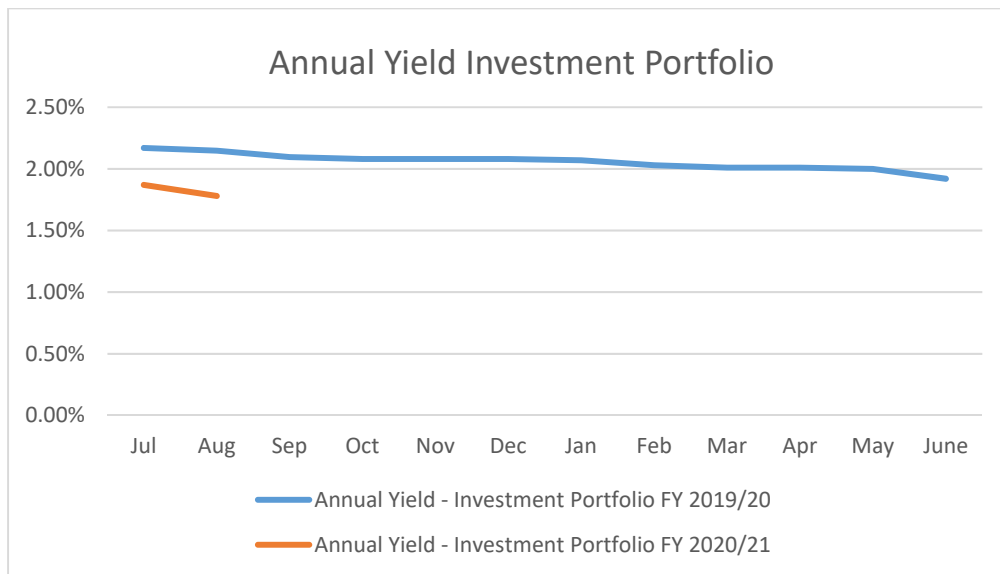
Definitions

August Cash Report

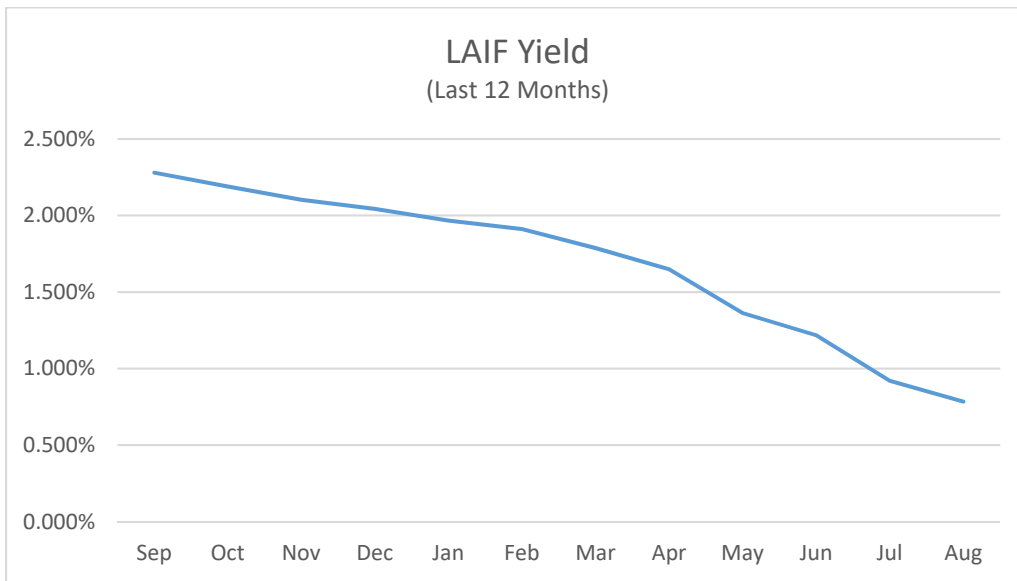
As of August 31, 2020, at Book Value, LAIF held 37.73% of the District’s portfolio, the investment portfolio held 51.58%, CAMP held 10.62%, and the remaining portion was held in a money market account. As can be seen in the chart below, the total yield in August 2020 was 1.25%, down 18 basis points from July and down from 2.22% one year ago.



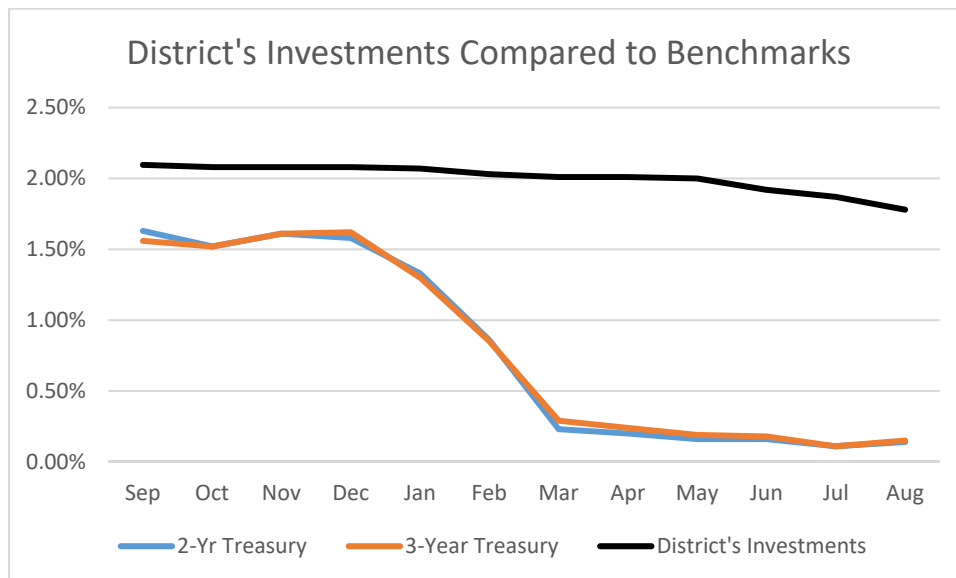
In August, the annualized yield for the District’s Investment Portfolio was down from July at 1.78% and down from 2.15% a year ago. The chart below shows annualized monthly yield of the current fiscal year compared with the same monthly yield over the previous year.



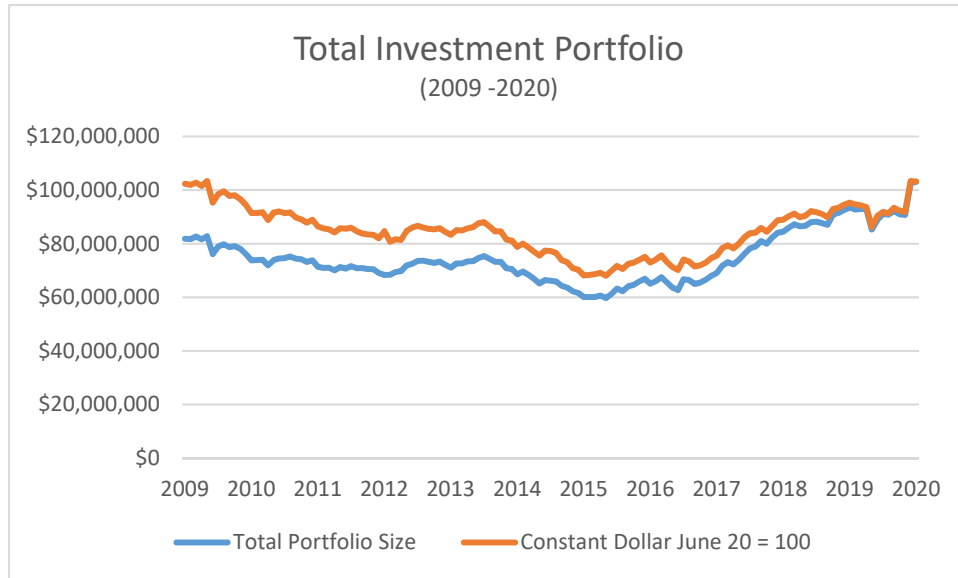
The following chart shows the average annualized LAIF yields over the past twelve months. In August, the LAIF yield was 0.78%, down from July's 0.92% and down from 2.34% a year ago.



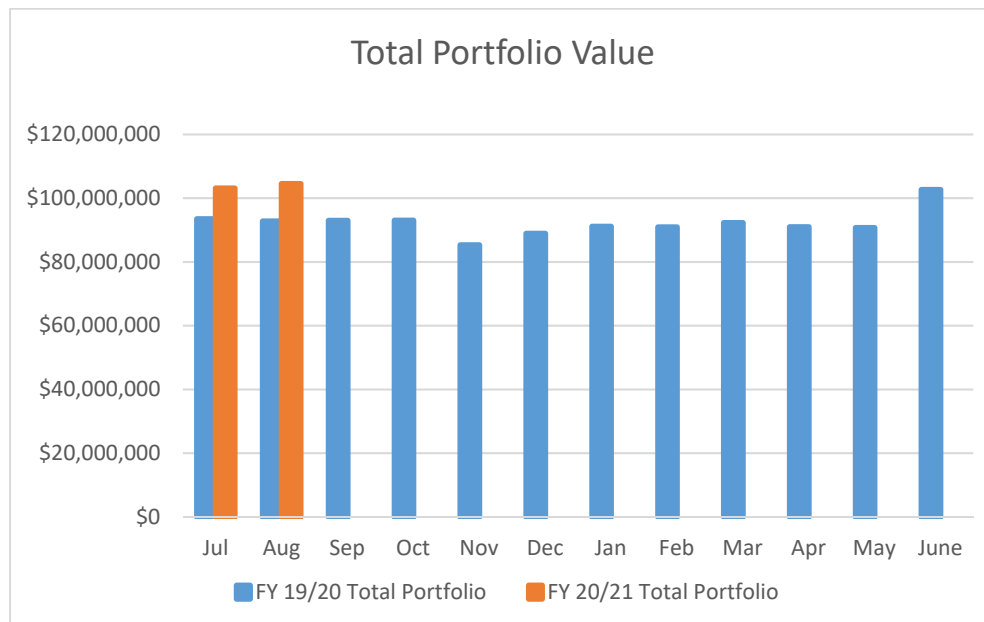
In order to benchmark how the District's portfolio is performing, it is useful to compare its investment portfolio with a comparable index. The District has historically compared its investment portfolio returns to the 2-Year and 3-Year Treasury notes. Because the District buys and holds its investments,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



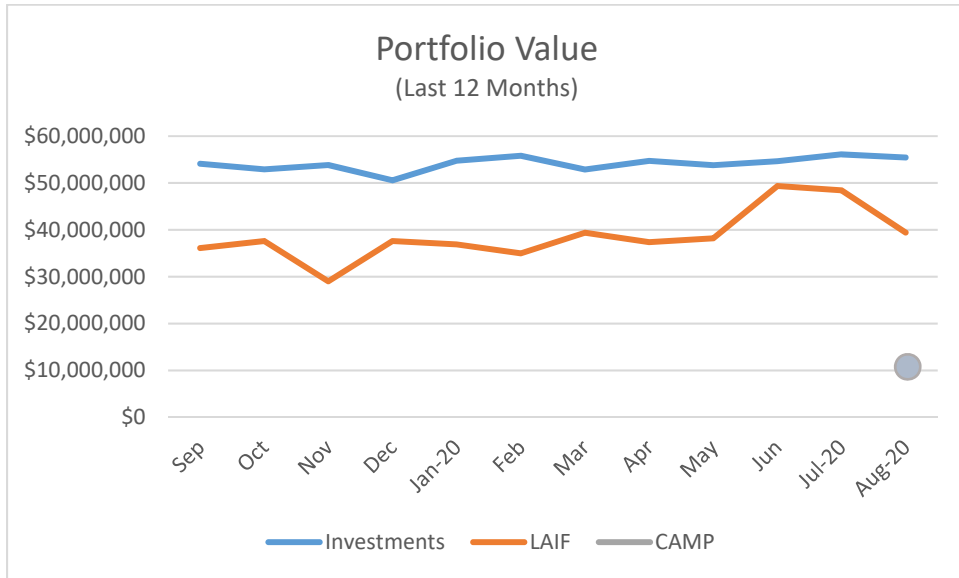
Equally important to monitoring performance is to monitor total portfolio value that includes the District's Investment Portfolio and LAIF accounts. The chart below shows the total portfolio value between 2009 and 2020. In August, the District's portfolio increased 1.37% from July to \$104,501,511. The increase in June 2020 reflects \$10 million in loan proceeds for the AMR/AMI project.



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 liquid funds, such as LAIF or CAMP, which is \$28.6 million.



Date: September 16, 2020
 To: David W. Pedersen, General Manager
 From: Finance and Administration Department
 Subject: Investment Report for the Month of August 2020

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
2.250%	1.732%		CONNECTICUT ST-MuniBonr	02/17/16		09/01/20	1,119,649	1,095,000	1,095,000	Custodian
2.400%	2.400%		1st Choice Bank - CD	05/22/19		11/23/20	245,000	245,000	246,318	Custodian
2.050%	2.050%		BMW Bank - CD	11/29/17		11/30/20	245,000	245,000	246,228	Custodian
2.200%	2.200%		Merrick Bank-CD	01/09/18		01/11/21	245,000	245,000	246,899	Custodian
			Sub-Total				1,854,649	1,830,000	1,834,445	

Investments Maturing After Six Months:

2.000%	2.046%	2.018%	FHLMC-Bullet	01/30/17		01/26/22	997,850	1,000,000	1,024,020	Custodian
2.250%	2.104%		FHLMC-Bullet	08/16/17		06/29/22	1,000,300	1,000,000	1,037,950	Custodian
1.980%	2.810%		FAMCA-Bullet	02/01/19		06/30/22	452,510	465,000	480,052	Custodian
1.750%	1.766%		FFCB-Bullet	09/13/17		09/13/22	999,250	1,000,000	1,031,470	Custodian
2.130%	2.338%		FAMCA-Bullet	01/24/18		01/24/23	990,240	1,000,000	1,045,960	Custodian
2.700%	2.700%		FFCB-Bullet	04/11/18		04/11/23	1,000,000	1,000,000	1,064,690	Custodian
3.250%	2.536%		FHLB-Bullet	02/25/19		06/09/23	1,028,810	1,000,000	1,082,040	Custodian
2.900%	2.980%		FAMCA-Bullet	08/01/18		07/24/23	996,263	1,000,000	1,076,530	Custodian
0.300%	0.300%	0.300%	FHLMC-Callable Coupon	08/13/20	08/10/21	08/10/23	1,000,000	1,000,000	1,000,140	Custodian
3.375%	2.227%		FHLB-Bullet	03/28/19		09/08/23	1,048,330	1,000,000	1,093,260	Custodian
1.850%	1.850%	1.850%	FHLMC-Callable Coupon	12/30/19	12/28/20	12/28/23	1,000,000	1,000,000	1,005,100	Custodian
2.370%	2.524%		FFCB-Bullet	03/12/19		02/05/24	992,950	1,000,000	1,070,930	Custodian
2.800%	2.800%	2.800%	FHLB-Callable Coupon	02/26/19	02/26/21	02/26/24	1,000,000	1,000,000	1,011,130	Custodian
2.160%	1.865%		FFCB-Bullet	06/28/19		06/03/24	1,013,820	1,000,000	1,068,600	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	1,000,130	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	1,013,900	Custodian
1.740%	1.664%		FAMCA-Bullet	09/30/19		09/26/24	1,003,620	1,000,000	1,055,610	Custodian
2.000%	2.000%	2.000%	FHLB-Callable Coupon	10/02/19	10/02/20	10/02/24	1,000,000	1,000,000	1,001,000	Custodian
1.790%	1.804%		FAMCA-Bullet	11/15/19		11/01/24	999,340	1,000,000	1,058,550	Custodian
0.700%	0.700%	0.700%	FHLMC-Callable Coupon	05/18/20	02/18/21	11/18/24	1,000,000	1,000,000	1,000,200	Custodian
1.950%	1.950%	1.950%	FHLMC-Callable Coupon	01/06/20	01/06/21	01/06/25	1,000,000	1,000,000	1,005,180	Custodian
1.800%	1.800%	1.800%	FHLMC-Callable Coupon	01/10/20	01/10/22	01/10/25	1,000,000	1,000,000	1,014,160	Custodian
1.125%	1.125%	1.125%	FFCB-Callable Coupon	03/17/20	03/17/21	03/17/25	1,000,000	1,000,000	1,001,990	Custodian
1.050%	1.050%	1.050%	FHLB-Callable Coupon	04/02/20	10/02/20	04/02/25	1,000,000	1,000,000	1,000,420	Custodian
0.750%	0.613%		TVA-Bullet	06/10/20		05/15/25	1,006,060	1,000,000	1,015,720	Custodian
0.700%	0.700%	0.700%	FHLB-Callable Coupon	05/28/20	05/28/21	05/28/25	1,000,000	1,000,000	1,000,450	Custodian
0.480%	0.531%		FAMCA-Bullet	06/19/20		06/19/25	997,510	1,000,000	1,001,940	Custodian
0.650%	0.650%	0.650%	FHLMC-Callable Coupon	06/30/20	06/30/22	06/30/25	1,000,000	1,000,000	1,000,720	Custodian
0.625%	0.625%	0.625%	FNMA-Callable Coupon	07/21/20	07/21/22	07/21/25	1,000,000	1,000,000	999,300	Custodian
0.650%	0.650%	0.650%	FNMA-Callable Coupon	08/14/20	02/14/22	08/14/25	1,000,000	1,000,000	997,860	Custodian
1.500%	1.500%		CAL ST-MuniBond	04/28/16		04/01/21	1,000,000	1,000,000	1,007,570	Custodian
1.713%	1.713%		CASPWR-Muni Bond	09/28/16		05/01/21	742,142	742,142	749,289	Custodian
2.387%	1.392%		SCVWTR-MuniBond	06/21/16		06/01/21	1,047,370	1,000,000	1,014,170	Custodian
1.960%	1.960%	1.960%	MOUSCD-MuniBond	07/14/16		08/01/21	600,000	600,000	603,738	Custodian
2.550%	2.550%		NYSDEV-Muni Bond	12/21/17		03/15/22	1,000,000	1,000,000	1,030,520	Custodian
2.000%	3.063%		CASPWR-Muni Bond	09/24/18		05/01/22	963,980	1,000,000	1,027,860	Custodian
1.590%	1.590%		Maryland St.-Muni Bond	08/28/19		08/01/22	1,000,000	1,000,000	1,024,490	Custodian

LVMWD Investment Report for the Month Ending August 31, 2020

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):										
2.500%	2.604%		SFOFAC-Muni Bond	11/09/17		09/01/22	497,650	500,000	512,240	Custodian
3.297%	3.297%	3.297%	UNVHGR-Muni Bond	06/05/18	Cont. 6/5/18	05/15/23	930,000	930,000	1,003,033	Custodian
2.216%	1.420%		ONTGEN-Muni Bond	05/21/20		06/01/23	1,115,615	1,090,000	1,123,267	Custodian
2.250%	3.092%		CAS-Muni Bond	10/31/18		10/01/23	961,850	1,000,000	1,055,760	Custodian
3.000%	2.500%		CAS-Muni Bond	05/01/19		04/01/24	1,022,980	1,000,000	1,086,900	Custodian
1.800%	1.800%		PASGEN - Muni Bond	02/26/20		05/01/24	260,000	260,000	270,137	Custodian
2.147%	2.147%		UNIGEN - Muni Bond	08/29/19		06/01/24	1,000,000	1,000,000	1,028,880	Custodian
2.224%	2.224%		SGTUTL - Muni Bond	12/18/19		10/01/24	500,000	500,000	526,835	Custodian
1.646%	1.646%		CASHGR - Muni Bond	02/27/20		11/01/24	400,000	400,000	415,888	Custodian
0.560%	0.560%		CASWTR - Muni Bond	08/06/20	Cont. 8/6/20	12/01/24	250,000	250,000	250,293	Custodian
1.498%	1.498%		ALEUTL - Muni Bond	07/16/20	Cont. 7/16/20	05/01/25	400,000	400,000	410,496	Custodian
0.719%	0.719%		BEVWTR - Muni Bond	08/12/20		06/01/25	500,000	500,000	501,175	Custodian
1.550%	1.550%		CAPITAL ONE BANK - CD	08/10/16		08/10/21	245,000	245,000	248,146	Custodian
1.000%	1.000%		CENERSTATE BK -CD	03/20/20		09/20/21	245,000	245,000	247,298	Custodian
0.950%	0.950%		LAKELAND BK -CD	03/27/20		09/27/21	245,000	245,000	247,207	Custodian
1.650%	1.650%		Farmers & Merchants BK-CD	01/15/20		01/18/22	245,000	245,000	250,162	Custodian
1.800%	1.800%		WellsFargo BK West-CD	01/17/20		01/18/22	245,000	245,000	250,672	Custodian
2.350%	2.350%		Goldman Sachs Bank - CD	06/21/17		06/21/22	245,000	245,000	254,771	Custodian
2.350%	2.350%		Sallie Mae Bank/Salt LK-CD	06/21/17		06/21/22	245,000	245,000	254,771	Custodian
0.250%	0.250%		Texas Capital BK NA - CD	08/27/20		08/08/22	245,000	245,000	245,475	Custodian
0.250%	0.250%		BK Hapoalim BM NY - CD	08/26/20		08/26/22	245,000	245,000	245,478	Custodian
2.400%	2.400%		American Express - CD	08/29/17		08/29/22	245,000	245,000	255,270	Custodian
2.400%	2.400%		Capital One NA - CD	08/30/17		08/30/22	245,000	245,000	256,037	Custodian
2.500%	2.500%		Wells Fargo Bank - CD	12/08/17		12/08/22	245,000	245,000	257,951	Custodian
2.650%	2.650%		Morgan Stanley Bank-CD	01/11/18		01/11/23	245,000	245,000	259,335	Custodian
3.150%	3.150%		CitiBank NA - CD	05/11/18		05/11/23	245,000	245,000	264,495	Custodian
2.850%	2.850%		1st MO St Bank - CD	02/13/19		08/14/23	245,000	245,000	264,108	Custodian
1.700%	1.700%		Medallion Bank UT-CD	12/23/19		12/22/23	245,000	245,000	256,794	Custodian
3.350%	3.350%		Morgan Stanley PVT BK-CD	01/10/19		01/10/24	245,000	245,000	270,490	Custodian
3.000%	3.000%		TIAA FSB - CD	02/22/19		02/22/24	245,000	245,000	268,322	Custodian
2.750%	2.750%		Comenity CAP Bank-CD	04/30/19		04/30/24	245,000	245,000	267,143	Custodian
2.650%	2.650%		Bank of New Eng Salem-CD	05/23/19		05/23/24	245,000	245,000	266,565	Custodian
2.150%	2.150%		Enerbank USA - CD	08/07/19		08/07/24	245,000	245,000	262,789	Custodian
1.750%	1.750%		1st Farmers BK7Trust-CD	09/04/19		09/04/24	245,000	245,000	259,122	Custodian
1.800%	1.800%		Kemba Financial CU-CD	01/08/20		01/08/25	245,000	245,000	260,491	Custodian
1.950%	1.950%		Knoxville EE CU - CD	01/16/20		01/16/25	245,000	245,000	262,143	Custodian
1.000%	1.000%		Somerset Trust Co - CD	03/19/20		03/19/25	245,000	245,000	252,122	Custodian
1.000%	1.000%		IBERIABANK - CD	03/20/20		03/20/25	245,000	245,000	252,120	Custodian
1.350%	1.350%		Pacific Western Bank - CD	04/16/20		04/16/25	245,000	245,000	256,081	Custodian
1.500%	1.500%		Celtic BK Salt Lake UT - CD	04/17/20		04/17/25	245,000	245,000	257,779	Custodian
1.350%	1.350%		1st Natl BK McGregor - CD	04/28/20		04/28/25	245,000	245,000	256,130	Custodian
1.050%	1.050%		State BK of India-NY - CD	06/19/20		06/10/25	245,000	245,000	252,791	Custodian
0.500%	0.500%		Minnwest Bank - CD	07/15/20		07/15/25	245,000	245,000	246,330	Custodian
0.500%	0.500%		Preferred Bank - CD	07/17/20		07/17/25	245,000	245,000	246,325	Custodian
0.600%	0.600%		Bank Baroda NY Brh - CD	07/23/20		07/22/25	245,000	245,000	247,501	Custodian
0.600%	0.600%		Flagstar Bank FSB - CD	07/22/20		07/22/25	245,000	245,000	247,501	Custodian
			Sub-Total				52,048,440	51,967,142	53,591,258	
			Total Investments				\$53,903,089	\$53,797,142	\$55,425,703	

LVMWD Investment Report for the Month Ending August 31, 2020
 Interest earnings for the month were as followed:

	Amount Earned/Accrued	Current Yield
Refunding Revenue Bonds - Reserve Fund (Bank of New York Mellon)	\$0	0.010%
Investments	84,830	1.780%
Local Agency Investment Fund (LAIF)	25,759	0.784%
California Asset Management Program (CAMP)	1,958	0.300%
Blackrock Liquidity Fund - US Treasury Money Market Fund (Union Bank)	2	0.010%
Sweep Accounts (Wells Fargo Bank/Bank of New York Mellon)	47	0.010%
Total Earnings	\$112,596	

Schedule of Investment Balance Limitations (Per District investment policy)

The source of the market valuation is as followed:

	Total Amount Invested	% of Total	Max. Limit Allowed
Investments (Note 1)	\$53,903,089	51.58%	no limit
Refunding Revenue Bonds - Reserve Fund (Bank of New York Mellon/LAIF)	10,243	0.01%	1 yr debt pmt.
Blackrock Liquidity Fund - US Treasury Money Market Fund (Union Bank)	59,423	0.06%	no limit
Local Agency Investment Fund (LAIF)	39,426,798	37.73%	75,000,000
California Asset Management Program (CAMP)	11,101,958	10.62%	no limit
Total	\$104,501,511	100.00%	

(Note 2)

Note 1: The average weighted duration for investments, excluding LAIF, is 1,150 days, which is under the assumption that callable coupons will not be called and will be held until maturity.

Note 2: In August 2020, estimated Joint Powers Authority's participation in investment is \$9,648,684.79, of which \$4,914,898.34 (or 50.90%) belongs to LV.

Bank Account Balances as of August 31, 2020:

Bank Name	Account Type	Amount
Wells Fargo Bank	Checking	\$142,725 (Note 3)
Wells Fargo Bank	Sweep	1,063,630
Bank of New York Mellon	Money Market	9,171
	Total	\$1,215,526

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 October 6, 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.

Monthly Investment Report Definitions

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
 - BEVWTR – City of Beverly Hills water revenue
 - CAS/CAL ST – State of California
 - CASHGR – California State University
 - CASPWR – State of California Department of Water Resources
 - CTS – State of Connecticut
 - MDS – State of Maryland
 - MOUSCD – Mountain View Unified School District
 - NYSDEV – New York State Urban Development Revenue Bond
 - ONTGEN – City of Ontario, CA
 - 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
 - UNIGEN – University of Northern Colorado
 - UNVHGR – University of California

LVMWD CASH ANALYSIS -August 31, 2020

	Restricted Cash	Cash Held by Policy	Policy Requirement	Available Funds
101 - Potable Water Operations		14,665,971	9,786,937	
201 - Potable Water Construction	(3,990,492)			
301 - Potable Water Replacement		23,607,345	11,157,814	
603 - Rate Stabilization Fund		<u>8,000,000</u>	<u>8,000,000</u>	
Total Potable Water	(3,990,492)	46,273,316	28,944,751	13,338,073
102 - Recycled Water Operations		10,514,505	1,091,222	
203 - Recycled Water Construction	(33,891)			
302 - Recycled Water Replacement		2,599,389		
<i>Pure Water Assigned</i>		<i>5,000,000</i>	<i>2,483,887</i>	
Total Recycled Water	(33,891)	18,113,894	3,575,109	14,504,894
130 - Sanitation Operations		10,119,192	3,401,496	
230 - Sanitation Construction	1,925,957			
330 - Sanitation Replacement		3,207,427		
<i>Pure Water Assigned</i>		<i>10,000,000</i>	<i>10,285,867</i>	
Total Sanitation	1,925,957	23,326,619	13,687,363	11,565,214
606 & 607 - Refunding Revenue Bonds - Reserve Fund				
701 - Vested Sick Leave Reserve	1,371,340			
720 - Insurance Reserve		7,975,027	7,871,864	103,163
JPA	7,856,330			
701 - Internal Services Fund	2,769,391			
<i>Subtotal</i>	<u><i>9,898,635</i></u>	<u><i>95,688,856</i></u>		
TOTAL		105,587,492		

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.

Potable Water Available Funds includes \$10,010,000 in loan proceeds for AMR/AMI

701 - This account reflects undistributed amounts such as cacacity fee deposits, undistributed interest, undistributed pensioncost. liabilities, and other undistributed costs.



Adjourned Board Meeting
September 15, 2020
12:00 p.m.

Tuesday, September 15, 2020	
Meeting Schedule	
9:00 AM	Adj L&C
10:00 AM	Adj OP&T
12:00 PM	Adj Board

Live streaming is available for all board and committee meetings on our mwdh2o.com website
([Click to Access Board Meetings Page](#))

Public Comment Via Teleconference Only: Members of the public may present their comments to the Board on matters within their jurisdiction as listed on the agenda via teleconference only. To participate call (404) 400-0335 and use Code: 9601962.

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

1. Call to Order

- (a) Invocation: Sal Vasquez, Metropolitan Retiree representing the Hispanic Employees Association
- (b) Pledge of Allegiance: Director Butkiewicz,
San Diego County Water Authority

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))

5. OTHER MATTERS AND REPORTS

- A. Report on Directors' events attended at Metropolitan expense for month of August 2020
- B. Chairwoman's Monthly Activity Report
- C. General Manager's summary of activities for the month of August 2020
- D. General Counsel's summary of activities for the month of August 2020

- E. General Auditor's summary of activities for the month of August 2020
- F. Ethics Officer's summary of activities for the month of August 2020

CONSENT CALENDAR ITEMS — ACTION
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6. CONSENT CALENDAR OTHER ITEMS — ACTION

- A. Approval of the Minutes of the Adjourned Meeting for August 18, 2020
(Copies have been submitted to each Director)
Any additions, corrections, or omissions
- B. Approve committee assignments

7. CONSENT CALENDAR ITEMS — ACTION

- 7-1** Adopt Ordinance No. 151 determining that the interests of Metropolitan require the use of revenue bonds in the aggregate principal amount of \$500 million to finance a portion of capital expenditures and waive the full reading of Ordinance; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (F&I) **[Two-thirds vote required at Board]**
- 7-2** Adopt Twenty-Fourth Supplemental Resolution to the Master Bond Resolution authorizing the issuance of up to \$255 million of Water Revenue Bonds, 2020 Series or 2021 Series; and approve expenditures to fund the costs of issuance of the Bonds; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (F&I)
- 7-3** Award a \$13,419,000 contract to J.F. Shea Construction, Inc. to replace the overhead bridge cranes at each Colorado River Aqueduct pumping plant; and authorize an agreement with Chamieh Consulting & Industrial Group, Inc. in an amount not-to-exceed \$500,000 for technical support; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (E&O)

- 7-4** Express support for Proposition 16, the “Allows Diversity as a Factor in Public Employment, Education and Contracting Decisions” Legislative Constitutional Amendment; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (C&L)
- 7-5** Adopt the CEQA determination that the proposed action was addressed in prior environmental documentation and authorize amendment to agreement with California Department of Water Resources to purchase surface water supplies from Yuba County Water Agency. (Jt WP&S and C&LR)

END OF CONSENT CALENDAR ITEMS

8. OTHER BOARD ITEMS — ACTION

- 8-1** Review the impacts of the COVID-19 crisis on Metropolitan’s fiscal years 2020/21 and 2021/22 biennial budget and rates and charges for calendar years 2021 and 2022; approve recommended cost-containment measures to address the COVID-19 financial impacts; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (F&I)

9. BOARD INFORMATION ITEMS

- 9-1** Update on Conservation Program

10. OTHER BOARD ITEMS

- 10-1** Department Head Performance Evaluations
[Public Employees’ performance evaluations; General Manager, General Counsel, General Auditor, and Ethics Officer; to be heard in closed session pursuant to Gov. Code 54957.]

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 Staff and Board of Directors
From: John Freshman, Ana Schwab, and Lowry Crook
Date: September 28, 2020
RE: Federal Report

Congressional Schedule

The Senate is currently scheduled to be in session through October, focused on the confirmation of President Trump's Supreme Court nominee, Judge Amy Coney Barrett. The House is scheduled to remain in session until October 2 before they recess until after election day.

After the election, the House is scheduled to return for a lame-duck session November 16 through mid-December. The Senate is scheduled to return from November 8 through December 18.

COVID-19 Relief

Today, House Speaker Pelosi and Treasury Secretary Mnuchin restarted discussions over the next round of COVID relief; they plan to continue discussions tomorrow. Moments before discussions resumed, the House Democrats released a new proposed relief bill that would provide \$2.2 trillion in assistance – down from the \$3.4 billion in their May bill. President Trump has indicated he could support a package of \$1.5 trillion. If progress is not made in the coming days, the House plans to vote on their new bill on Wednesday, and then adjourn at the end of the week.

Aid to state and local government has been a major sticking point. The House bill passed in May would provide \$500 billion to states and \$375 billion to local governments, split between counties and cities. The smaller House package released today would provide \$238 billion to states and \$179 billion to local governments, split evenly between counties and cities, and covering a shorter time period than the bill passed in May.

Last month's smaller Republican relief proposal did not include new funds for state or local governments, but did expand the potential uses of existing funds and provides incentives for states and large counties to pass along more funding to their cities and local governments. Republican negotiators have signaled they may be willing to add \$150 billion in additional funding for state and local governments if agreement can be reached on a relief package.

We continue to support Rep. Garamendi's legislation and its Senate counterpart that would make state and local assistance available to special districts, but thus far neither the House nor Senate leadership proposals have incorporated it in their proposals.

Appropriations

Last week, the House passed a Continuing Resolution to keep the Federal government open and funded at current levels from September 30, when the current Fiscal Year 2020 appropriations



bills end, until mid-December, to allow time for agreement on full Fiscal Year 2021 appropriations bills. The Senate is scheduled to vote on and expected to pass the bill on September 29 or 30, and the President has said he will sign it. In addition to continuing funding, the bill provides a one-year extension for the Surface Transportation funding Program at fiscal year 2020 levels, adds \$8 billion in nutrition assistance for school children and families, and replenishes Commodity Credit Corporation (CCC) funding for agriculture.

The full fiscal year 2021 appropriations bills remain stalled in the Senate. In July, the House passed 10 of 12 appropriations bills for fiscal year 2021. In two “minibus” packages, they passed bills that will fund the departments of Defense, Commerce, Justice, Energy, Treasury Labor, Health and Human Services, Education, Transportation, Housing and Urban Development, State, Agriculture, Interior, and Veterans Affairs from October 1, 2020 to September 30, 2021. The House did not vote on the Legislative or Homeland Security funding bills.

In the Senate, the appropriations process remains stalled over disagreements between Republicans and Democrats over what amendments will be considered in an election year with the Senate majority in play. We do not expect the Senate Appropriations Committee to begin considering appropriations bills until after the election.

Two noteworthy items in the House package are:

(1) proposed emergency spending measures in the infrastructure-related bills that would include more than \$10.2 billion for water infrastructure, primarily through state revolving funds, but would require at least 40% of that additional funding to take the form of grants or loan forgiveness.

(2) a provision rescinding and re-appropriating funds for EPA’s WIFIA loans, and providing no additional WIFIA funding. Appropriations Committee staff included the provision as part of a dispute with EPA over uses of WIFIA loans, but they have assured concerned members that this issue would be “fixed” in conference with the Senate.

It is possible that there will also be supplemental spending provisions to address the wildfires in the west and the damage from Hurricane Laura.

Wildfire Response and Support

On August 22, the President and FEMA issued a Federal disaster declaration for areas affected by wildfires in California. It included individual assistance and public assistance for 8 counties; on September 11, public assistance was extended to 3 more counties; on September 14, individual assistance was extended to a ninth county. FEMA anticipates adding more counties to the ongoing disaster declaration as damage assessments are completed.

We are monitoring for potential supplemental appropriations and other funding sources to assist with response and recovery.

Water Resources Development Act

In July, the House passed its 2020 Water Resources Development Act (WRDA), H.R. 7575, which provides the U.S. Army Corps of Engineers authorization to carry out water resources development projects and studies.

The Senate passed its version of WRDA (S. 3591) out of Committee in May, packaged with another bill (S. 3590) focused on authorizing funds for drinking water at EPA. The bills have not been scheduled or brought up for a full vote on the Senate floor.

Currently, the House and Senate are trying to negotiate to resolve differences between the House and the Senate bills. If they can do so, they would then try to move an agreed bill through the Senate and the House, and avoid a formal conference committee. Both the House and Senate bills have been bipartisan efforts. Currently the major sticking point is a difference between the House and Senate over whether the bill should authorize additional funding for dredging ports from the Harbor Maintenance Trust Fund.

H.R. 8217, “WIFIA Improvement Act of 2020,” sponsored by Rep. John Garamendi (D-CA)

Representative Garamendi introduced legislation that would provide an extension in WIFIA loan maturity rates from 35 years to 55 years, which would lower capital costs for long-term projects such as reservoirs. It would also allow WIFIA loans to be used for Operations and Maintenance of Federally titled projects by local sponsors. The language in this section is the same as the language in the Senate’s WRDA bill, section 2014 of S. 3591, “America’s Water Infrastructure Act of 2020.”

Rep. Garamendi’s staff has conducted outreach for potential cosponsors of his bill and House support for the WRDA provision. House and Senate committee staff have concerns about the WRDA provision because it scores under budget rules, and Senate leadership has opposed a WRDA package that scores.

Title XVI

In the summer of 2019, the Bureau of Reclamation accepted applications for a round of Title XVI grants, and Las Virgenes-Triunfo submitted an application. Since February, the grants have been held up “under review” by senior officials – an unusually long period. We recently learned that the delay may be related to a broader disagreement between Congress and the Trump Administration over funding work to raise Shasta Dam.

Defense Reauthorization and PFAS

In July, the House and Senate passed their respective versions of the 2021 National Defense Authorization Act (NDAA). Staffers on the House and Senate Armed Services committees have started unofficial talks regarding the differences in the bills, but a formal conference negotiation has not begun and a final agreement is not expected until after the election.



BEST BEST & KRIEGER
ATTORNEYS AT LAW

As reported previously, neither the House nor Senate bills include provisions that would designate PFAS as hazardous substances under CERCLA or require regulation under the Clean Water Act or Safe Drinking Water Act. Instead, they include provisions focused on Defense Department use of, research on, and remediation of PFAS.

**LAS VIRGENES TRIUNFO - HIGH PRIORITY LEGISLATION IN THE 116TH CONGRESS
THROUGH SEPTEMBER 25, 2020**

LEGISLATION	SUMMARY	STATUS	POSITION
<u>H.R. 34</u> <u>Energy and Water Research Integration Act of 2019</u>	<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>	
<u>S. 47</u> <u>Natural Resources Management Act</u>	<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>Became Public Law No: 116-9 – March 12, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
S. 40 Bureau of Reclamation Transparency Act	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.	Introduced by Sen. John Barrasso (R-WY) – January 8, 2019	
H.R. 357 Sacramento-San Joaquin Delta National Heritage Area Act	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.	Introduced by Rep. John Garamendi (D-CA) – January 9, 2019 Signed into law on March 12, 2019 as part of S. 47 – Natural Resources Management Act	
H.R. 535 PFAS Action Act of 2019	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.	Introduced by Rep. Debbie Dingell (D-MI) – January 14, 2019 Received in the Senate – January 13, 2020	
H.R. 579 Water Rights Protection Act of 2019	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.	Introduced by Rep. Scott Tipton (R-CO) – January 15, 2019	
H.R. 664 Recreational Lands Self-Defense Act of 2019	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	Introduced by Rep. Bob Gibbs (D-OH) – January 17, 2019	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>H.R. 667</u> <u>Regulatory Certainty for Navigable Waters Act</u>	To repeal the Waters of the United States rule and amend the Federal Water Pollution Control Act	Introduced by Rep. Jamie Herrera Beutler (R-WA) – January 17, 2019	
<u>H.R. 658</u> <u>National Infrastructure Development Bank Act of 2019</u>	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.	Introduced by Rep. Rosa DeLauro (D-CT) – January 17, 2019	
<u>H.R. 807</u> <u>Water and Agriculture Tax Reform Act of 2019</u>	To amend the Internal Revenue Code of 1986 to facilitate water leasing and water transfers to promote conservation and efficiency.	Introduced by Rep. Ken Buck (R-CO) – January 28, 2019	
<u>H.R. 843</u> <u>Reform EPA Act</u>	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.	Introduced by Rep. Bob Gibbs (R-OH) – January 29, 2019	
<u>H.R. 855</u> <u>STRONG Act</u>	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;	Introduced by Rep. Scott Peters (D-CA) – January 29, 2019	
<u>S. 308</u> <u>Santa Ana River Wash Plan Land Exchange Act</u>	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	Introduced by Sen. Dianne Feinstein (D-CA) – January 31, 2019	
<u>S. 361</u> <u>Water and Agriculture Tax Reform Act of 2019</u>	A bill to amend the Internal Revenue Code of 1986 to facilitate water leasing and water transfers to promote conservation and efficiency.	Introduced by Sen. Cory Gardner (R-CO) – February 6, 2019	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>H.R. 1067</u> <u>Santa Ana River Wash Plan Land Exchange Act</u>	<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>	
<u>S. 376</u> <u>Defense of Environment and Property Act of 2019</u>	<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>	
<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>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>	
<u>H.R. 1162</u> <u>Water Recycling Investment and Improvement Act</u>	<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 Ordered to be Reported (Amended) – March 11, 2020</p>	<p><i>Support</i></p>
<u>H.R. 1334</u> <u>Outdoor Recreation Legacy Partnership Grant Program Acts</u>	<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
H.R. 1331 Local Water Protection Act	<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>	
H.R. 1429 Drinking Water Infrastructure for Job Creation Act	<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>	
S. 611 Water Affordability, Transparency, Equity, and Reliability Act of 2019	<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>	
H.R. 1417 Water Affordability, Transparency, Equity, and Reliability Act of 2019	<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>	
H.R. 1497 Water Quality Protection and Job Creation Act of 2019	<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>Reported by the Committee. Placed on the Union Calendar – September 4, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>H.R. 1621</u> <u>Water Supply Permitting Coordination Act</u>	<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>	
<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>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>
<u>H.R. 2030</u> <u>Colorado River Drought Contingency Plan Authorization Act</u>	<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</p> <p>Became Public Law No: 116-14 - April 16, 2019</p>	
<u>S. 1057</u> <u>Colorado River Drought Contingency Plan Authorization Act</u>	<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</p> <p>Passed the Senate on April 9, 2019. Introduced in the House</p>	
<u>S. 1087</u> <u>Water Quality Certification Improvement Act of 2019</u>	<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
H.R. 2215 San Gabriel Mountains Foothills and Rivers Protections Act	<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</p> <p>Placed on the Union Calendar – February 4, 2020</p>	
S. 1109 San Gabriel Mountains Foothills and Rivers Protection Act	<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>	
H.R. 2205 Water Quality Certification Improvement Act of 2019	<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>	
H.R. 2287 Federal Regulatory Certainty for Water Act	<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.</p> <p>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.</p> <p>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 ephemerally; or (3) wetlands (including playa lakes, prairie potholes, wet meadows, wet prairies, and vernal pools) that lack that continuous surface water connection.</p> <p>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
H.R. 2313 Water Conservation Rebate Tax Parity Act	<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>	
H. Res. 324 Recognizing the importance of the United States-Israel economic relationship and encouraging new areas of cooperation	<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;</p> <p>(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;</p> <p>(3) encourages the President to regularize and expand existing forums of economic dialogue with Israel and foster both public and private sector participation; and</p> <p>(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>	
H.R. 2377 Protect Drinking Water from PFAS Act of 2019	<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>	
S. 1251 Safe Drinking Water Assistance Act of 2019	<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
<u>S. 1245</u> <u>All-of-the-Above Federal Building Energy Conservation Act of 2019</u>	<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</p> <p>Placed on Senate Legislative Calendar - September 25, 2019</p>	
<u>H.R. 2462</u> <u>Flood Mapping Modernization and Homeowner Empowerment Pilot Program Act of 2019</u>	<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>	
<u>S. 1276</u> <u>Flood Mapping Modernization and Homeowner Empowerment Pilot Program Act of 2019</u>	<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>	
<u>H.R. 2458</u> <u>Water Infrastructure Sustainability and Efficiency Act</u>	<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>	
<u>H.R. 2473</u> <u>Securing Access for the central Valley and Enhancing (SAVE) Water Resources Act</u>	<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</p> <p>Order to be Reported (Amended) – March 11, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
H.R. 2470 Clean Water Infrastructure Resilience and Sustainability Act	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.	Introduced by Rep. Salud Carbajal (D-CA) – May 3, 2019	
S. 1372 PFAS Accountability Act of 2019	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.	Introduced by Sen. Debbie Stabenow (D-MI) – May 8, 2019	
H.R. 2570 PFAS User Fee Act of 2019	To ensure that polluters pay ongoing water treatment costs associated with contamination from perfluoroalkyl and polyfluoroalkyl substances, and for other purposes.	Introduced Rep. Harley Rouda (D-CA) – May 9, 2019 Forwarded by Subcommittee to Full Committee on Energy and Commerce by voice vote – September 26, 2019	<i>Watching</i>
H.R. 2665 Smart Energy and Water Efficiency Act of 2019	To direct the Secretary of Energy to establish a smart energy and water efficiency program, and for other purposes.	Introduced Rep. Jerry McNerney (D-CA) – May 13, 2019 Ordered to be Reported (Amended) by Voice Vote – July 17, 2019	
H.R. 2705 Water Infrastructure Trust Fund Act of 2019	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.	Introduced by Rep. Earl Blumenauer (D-OR) – May 14, 2019	

LEGISLATION	SUMMARY	STATUS	POSITION
S. 1473 Protect Drinking Water from PFAS Act of 2019	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.	Introduced by Sen. Kirsten Gillibrand (D-NY) – May 15, 2019	
H.R. 2800 PFAS Monitoring Act of 2019	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.	Introduced by Rep. Elissa Slotkin (D-MI) – May 16, 2019	
S. 1507 PFAS Release Disclosure Act	To include certain perfluoroalkyl and polyfluoroalkyl substances in the toxics release inventory, and for other purposes.	Introduced by Sen. Shelley Moore Capito (R-WV) – May 16, 2019 Passed the Senate Committee on Environment and Public Works and placed on the Senate Calendar for a full vote – June 19, 2019	

LEGISLATION	SUMMARY	STATUS	POSITION
H.R. 2776 Stop Sewage Overflow Act	<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 Traham (D-MA) – May 16, 2019</p>	
H.R. 2871 Aquifer Recharge Flexibility Act	<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>Natural Resources Subcommittee on Water, Oceans, and Wildlife hearing held – June 25, 2020</p>	
S. 1604 Local Water Protection Act	<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> 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.</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</p> <p>Became Public Law No: 116-63 – October 4, 2019</p>	<p><i>Watching</i></p>
<p><u>S. Res. 213</u> A resolution designating the week of May 19 through May 25, 2019 as “National Public Works Week.”</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</p> <p>Passed the Senate – May 23, 2019</p>	
<p><u>S. 1811</u> A bill to make technical corrections to the America’s Water Infrastructure Act of 2018</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)</p> <p>Passed the Senate – July 10, 2019</p>	
<p><u>S. 1857</u> Federal Energy and Water Management Performance Act of 2019</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</p> <p>Placed on Senate Legislative Calendar – September 25, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
H.R. 3254 PIPE Act	<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) – June 14, 2019</p>	
S. 1932 Drought Resiliency and Water Supply Infrastructure Act	<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</p> <p>Subcommittee on Water and Power hearing – July 18, 2019</p>	
H.R. 3423 National Green Bank Act of 2019	<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>	
H.R. 3521 Wastewater Infrastructure Workforce Investment Act	<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>	
H.R. 3510 Water Resources Research Amendments Act	<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</p> <p>Subcommittee on Water, Oceans, and Wildlife hearing – July 25, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>S. 2044</u> <u>Water Supply Infrastructure Rehabilitation and Utilization Act</u>	<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>	
<u>S. 2013</u> <u>A bill to protect the right of individuals to bear arms at water resources development projects</u>	<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>
<u>H.R. 3616</u> <u>Clean Water Standards for PFAS Act of 2019</u>	<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>	
<u>S. 2056</u> <u>Build America, Buy America Act</u>	<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>	
<u>H.R. 3723</u> <u>Desalination Development Act</u>	<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>Ordered to be Reported (Amended) – March 11, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
H.R. 3779 Resilience Revolving Loan Fund Act of 2019	<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>	
H.R. 3844 Farmer Fairness Act	<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>	
S. 2187 National Flood Insurance Program Reauthorization and Reform Act of 2019	<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>	
S. 2164 Water Resources Research Amendments Act	<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>	
S. 2239 A bill to codify an Executive order preparing the United States for the impacts of climate change, and for other purposes	<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
H.R. 3944 To amend the Water Resources Reform and Development Act of 2014 to modify the procedure for communicating certain emergency risks, and for other purposes.	To amend the Water Resources Reform and Development Act of 2014 to modify the procedure for communicating certain emergency risks, and for other purposes.	Introduced by Rep. Kevin Hern (R-OK) – July 24, 2019	
H.R. 3949 Safe Drinking Water in Playgrounds and Parks Act	To amend the Safe Drinking Water Act to provide for drinking water fountain replacement in playgrounds and parks, and for other purposes.	Introduced by Rep. Grace Meng (D-NY) – July 24, 2019	
H.R. 4050 ZERO WASTE Act	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.	Introduced by Rep. Ilhan Omar (D-MN) – July 25, 2019	
H.R. 4033 Water Justice Act	To provide supplemental appropriations for safe and secure water, and for other purposes.	Introduced by Rep. Daniel Kildee (D-MI) – July 25, 2019	
H.R. 4006 CLEANER Act of 2019	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.	Introduced by Rep. Matt Cartwright (D-PA) – July 26, 2019	
H.R. 4007 Focused Reduction of Effluence and Stormwater runoff through HydroEnvironmental Regulation Act of 2019	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.	Introduced by Rep. Matt Cartwright (D-PA) – July 26, 2019	

LEGISLATION	SUMMARY	STATUS	POSITION
S. 2325 Super Pollutants Act	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.	Introduced by Sen. Murphy (D-CT) – July 30, 2019 Placed on Senate Legislative Calendar – November 7, 2019	
S. 2356 Define WOTUS Act of 2019	To provide a definition of navigable waters, and for other purposes.	Introduced by Mike Braun (R-IN) – July 31, 2019	
S. 2353 Protecting Firefighters from Adverse Substances Act of 2019	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.	Introduced by Sen. Gary Peters (D-MI) – July 31, 2019 Placed on Senate Legislative Calendar – February 3, 2020	
S. 2410 Flood Reduction, Wildlife Habitat, and Water Quality Improvement Act of 2019	To amend the Federal Water Pollution Control Act to modify the requirements for permits for dredged or fill material, and for other purposes.	Introduced by Sen. Cindy Hyde-Smith (R-MS) – July 31, 2019	
S. 2404 Build Local, Hire Local Act	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.	Introduced by Sen. Kirsten Gillibrand (D-NY) – July 31, 2019	

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

LEGISLATION	SUMMARY	STATUS	POSITION
<u>H.R. 4321</u> <u>GET THE LEAD OUT Act of 2019</u>	To eliminate lead-based pipe and tap hazards in housing, and for other purposes.	Introduced by Rep. Tim Ryan (D-OH) – September 12, 2019	
<u>H.R. 4341</u> <u>Critically Endangered Animals Conservation Act of 2019</u>	To assist in the conservation of critically endangered species in foreign countries, and for other purposes.	Introduced by Rep. Jarred Huffman (D-CA) – September 12, 2019 Subcommittee on Water, Oceans, and Wildlife hearing - September 24, 2019	
<u>H.R. 4347</u> <u>PREPARE Act of 2019</u>	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.	Introduced by Rep. Matt Cartwright (D-PA) – September 17, 2019 Ordered to be Reported by voice vote – September 19, 2019	
<u>S. 2491</u> <u>Protect America's Wildlife and Fish in Need of Conservation Act of 2019</u>	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.	Introduced by Sen. Tom Udall (D-NM) – September 17, 2019	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>S. 2522</u> <u>Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Act, 2020</u>	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.	Introduced by Rep. John Hoeven (R-ND) – September 19, 2019 Placed on Senate Legislative Calendar – September 19, 2019	
<u>H.R. 4348</u> <u>PAW and FIN Conservation Act of 2019</u>	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.	Introduced by Rep. Raul Grijalva (D-AZ) – September 24, 2019 Placed on the Union Calendar – August 7, 2020	
<u>S.Res. 324</u> <u>A resolution designating September 29, 2019, as "National Urban Wildlife Refuge Day"</u>	Designating September 29, 2019, as “National Urban Wildlife Refuge Day”.	Introduced by Sen. Cory Gardner (R-CO) – September 24, 2019 Resolution agreed to in Senate without amendment and with a preamble by Unanimous Consent – October 16, 2019	
<u>H.R. 4483</u> <u>Localizing Authority of Management Plans Act of 2019</u>	To amend the Endangered Species Act of 1973 to increase State and local involvement in management plans.	Introduced by Rep. Don Young (R-AK) – September 24, 2019	

LEGISLATION	SUMMARY	STATUS	POSITION
S. 2580 Department of the Interior, Environment, and Related Agencies Appropriations Act, 2020	Making appropriations for the Department of the Interior, environment, and related agencies for the fiscal year ending September 30, 2020, and for other purposes.	Introduced by Sen. Lisa Murkowski (R-AK) – September 26, 2019 Placed on Senate Legislative Calendar – September 26, 2019	
H.R. 4512 Outdoors for All Act	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.	Introduced by Rep. Nanette Diaz Barragan (D-CA) – September 26, 2019 Subcommittee on Natural Parks, Forests, and Public Lands hearing – February 27, 2020	
H.R. 4416 Lead-Free Future Act of 2019	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.	Introduced by Rep. Jared Golden (D-ME) – October 2, 2019	
H.R. 4659 Water Supply Infrastructure Rehabilitation and Utilization Act	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.	Introduced by Rep. Newhouse (R-WA) – October 11, 2019	
S. 2596 Voluntary Water Partnership for Distressed Communities Act of 2019	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.	Introduced by Sen. Tammy Duckworth (D-IL) – October 15, 2019	

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LEGISLATION	SUMMARY	STATUS	POSITION
<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>	Expressing support for the designation of the week beginning on October 13, 2019, as National Wildlife Refuge Week.	Introduced by Rep. Mike Thompson (D-CA) – October 15, 2019	
<u>S.Res. 362</u> <u>A resolution designating the week beginning on October 13, 2019, as "National Wildlife Refuge Week"</u>	Designating the week beginning on October 13, 2019, as “National Wildlife Refuge Week”.	Introduced by Sen. Chris Coons (D-DE) – October 17, 2019 Resolution agreed to in Senate without amendment and with a preamble by Unanimous Consent – October 24, 2019	
<u>S. 2636</u> <u>Clean Water Infrastructure Resilience and Sustainability Act</u>	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.	Introduced by Sen. Benjamin Cardin (D-MD) – October 17, 2019	
<u>H.R. 4723</u> <u>Fish Act of 2019</u>	To require the identification of salmon conservation areas, and for other purposes.	Introduced by Rep. Jared Huffman (D-CA) – October 17, 2019 Subcommittee on Water, Oceans, and Wildlife hearing – January 14, 2020	

LEGISLATION	SUMMARY	STATUS	POSITION
<p>H.R. 4732 To establish a Global Climate Change Resilience Strategy, to authorize the admission of climate-displaced persons, and for other purposes</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>	
<p>S.Res. 372 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</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 National Infrastructure Investment Corporation Act of 2019</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 Assuring Quality Water Infrastructure Act</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>	

LEGISLATION	SUMMARY	STATUS	POSITION
S. 2687 Low-Income Water Customer Assistance Programs Act of 2019	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.	Introduced by Sen. Benjamin Cardin (D-MD) – October 23, 2019	
H.R. 4832 Low-Income Water Customer Assistance Programs Act of 2019	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.	Introduced by Rep. Marcia Judge (D-OH) – October 23, 2019	
H.R. 4891 Western Water Security Act of 2019	To provide for the conduct of certain water security measures in the Western United States, and for other purposes.	Introduced by Rep. Xochitl Torres Small (D-NM) – October 28, 2019 Ordered to be Reported (Amended) – March 11, 2020	
S. 2767 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	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.	Introduced by Sen. Doug Jones (D-AL) – October 31, 2019	
S. 2783 Responsibly Enhancing America's Landscapes Act	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.	Introduced by Sen. Michael Enzi (R-WY) – November 5, 2019	

LEGISLATION	SUMMARY	STATUS	POSITION
S. 2799 Nexus of Energy and Water for Sustainability Act of 2019	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.	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	
S. 2792 Penny Plan to Enhance Infrastructure Act of 2019	To amend the Balanced Budget and Emergency Deficit Control Act of 1985 to establish a discretionary spending limit for infrastructure spending.	Introduced by Sen. Rand Paul (R-KY) – November 6, 2019	
S. 2862 Drought Relief through Innovative Projects Act of 2019	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.	Introduced by Sen. Krysten Sinema (D-AZ)-November 14, 2019	
H.R. 5095 Endangered Species Accountability Reform Act	To require the Secretary of the Interior to delist certain endangered species and threatened species.	Introduced by Rep.Rep. Blaine Luetkemeyer (R-MO) – November 14, 2019	
H.R. 5120 SAFER Pipelines Act of 2019	To amend title 49, United States Code, to provide enhanced safety and environmental protection in pipeline transportation, and for other purposes.	Introduced by Rep. Peter DeFazio (D-OR) – November 20, 2019 Ordered to be Reported (Amended) – November 20, 2019	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>H.R. 5176</u> <u>Climate Resiliency Service Corps Act of 2019</u>	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.	Introduced by Rep. Judy Chu (D-CA) – November 19, 2019	
<u>H.R. 5193</u> <u>Buy America for Drinking Water Extension Act of 2019</u>	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.	Introduced by Rep. Cheri Bustos (D-IL) – November 20, 2019	
<u>H.R. 5217</u> <u>WOW Act</u>	To provide for western water security, reliability, modernization, and abundance, and for other purposes.	Introduced by Rep. Tom McClintock (R-CA) – November 21, 2019	
<u>H.R. 5288</u> <u>Upper Mississippi River Flood Control Act</u>	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.	Introduced by Rep. Blaine Luetkemeyer (R-MO) – December 3, 2019	
<u>S. 2978</u> <u>Energy and Water Research Integration Act of 2019</u>	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.	Introduced by Sen. Catherine Cortez Masto (D-NV) – December 4, 2019	
<u>S. 2980</u> <u>Clean Water Standards for PFAS Act of 2019</u>	To require the promulgation of certain standards for perfluoroalkyl and polyfluoroalkyl substances under the Federal Water Pollution Control Act, and for other purposes.	Introduced by Sen. Kirsten Gillibrand (D-NY) – December 4, 2019	
<u>H.R. 5302</u> <u>Western Water Recycling and Drought Relief Act</u>	To amend the Reclamation Wastewater and Groundwater Study and Facilities Act to authorize certain recycled water projects, and for other purposes.	Introduced by Rep. Jerry McNerney (D-CA) – December 4, 2019	
<u>H.R. 5303</u> <u>California Central Coast Conservation Act</u>	To establish a moratorium on oil and gas leasing on public land on the Central Coast of California.	Introduced by Rep. Jimmy Panetta (D-CA) – December 4, 2019	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>H.R. 5316</u> <u>Move Water Now Act</u>	To provide for the restoration of the original carrying capacity of canals impacted by land subsidence, and for other purposes.	Introduced by Rep. TJ Cox (D-CA) – December 5, 2019 Ordered to be Reported – February 12, 2020	
<u>H.R. 5347</u> <u>Disadvantaged Community Drinking Water Assistance Act</u>	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.	Introduced by Rep. TJ Cox (D-CA) – December 6, 2019 Ordered to be Reported (Amended) – February 12, 2020	
<u>H.R. 5361</u> <u>Safe Drinking Water Assistance Act of 2019</u>	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.	Introduced by Rep. Lisa Blunt Rochester (D-DE) – December 9, 2019	
<u>S. 3044</u> <u>Western Tribal Water Infrastructure Act of 2019</u>	To amend the America's Water Infrastructure Act of 2018 to expand the Indian reservation drinking water program, and for other purposes.	Introduced by Sen. Ron Wyden (D-OR) – December 12, 2019 Ordered to be reported with an amendment – July 29, 2020	
<u>S. 3046</u> <u>Wastewater Efficiency and Treatment Act of 2019</u>	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.	Introduced by Sen. Jeff Merkley (D-OR) – December 12, 2019	

LEGISLATION	SUMMARY	STATUS	POSITION
S. 3051 America's Conservation Enhancement Act	To improve protections for wildlife, and for other purposes.	Introduced by John Barrasso (R-WY) – December 12, 2019 Sen. Barrasso filed written report – July 1, 2020	
H.R. 5430 United States- Mexico-Canada Agreement Implementation Act	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.	Introduced by Rep. Steny Hoyer (D-MD) December 13, 2019 Became Public Law No: 116-113 – January 29, 2020	
S. 3052 United States- Mexico-Canada Agreement Implementation Act	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.	Introduced by Sen. Chuck Grassley (R-IA) – December 16, 2019	
H.R. 5435 American Public Lands and Waters Climate Solution Act of 2019	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.	Introduced by Rep. Raul Grijalva (D-AZ) – December 16, 2019 Committee on Natural Resources hearing – February 26, 2020	
H.R. 5445 Critical Infrastructure Act of 2019	To amend the Endangered Species Act of 1973 to encourage the construction of critical infrastructure, and for other purposes.	Introduced by Rep. Chris Stewart (R-UT) – December 17, 2019	

LEGISLATION	SUMMARY	STATUS	POSITION
S. 3082 LEVEE Act	To establish a program to establish permanent features for flood control in areas in which temporary features have been constructed, and for other purposes.	Introduced by Sen. Kirsten Gillibrand (D-NY) – December 18, 2019	
H.R.5513 Affordable Safe Drinking Water Act of 2019	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.	Introduced by Rep. Joseph Kennedy (D-MA) – December 20, 2019	
H.R. 5504 To amend the National Dam Safety Program Act with respect to the definition of eligible high hazard potential dam, and for other purposes	To amend the National Dam Safety Program Act with respect to the definition of eligible high hazard potential dam, and for other purposes.	Introduced by Rep. Julia Brownley (D-CA) – December 19, 2019	
H.R.5539 Clean Water Standards for PFAS Act of 2020	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.	Introduced by Rep. Chris Pappas (D-NH) – January 3, 2020	
H.R. 5540 PFAS Transparency Act	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.	Introduced by Rep. Antonio Delgado (D-NY) – January 3, 2020	
S. 3160 Affordable Safe Drinking Water Act of 2020	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.	Introduced by Sen. Elizabeth Warren (D-MA) – January 8, 2020	
S. 3171 Protect and Restore America's Estuaries Act	To amend the Federal Water Pollution Control Act to reauthorize the National Estuary Program, and for other purposes.	Introduced by Se. Whitehouse (D-RI) – January 9, 2020	

LEGISLATION	SUMMARY	STATUS	POSITION
S. 3176 United States-Israel Security Assistance Authorization Act of 2020	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 Placed on Senate Legislation Calendar – June 3, 2020	
H.R. 5579 LIST Act of 2020	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	
H.R. 5580 Bring ESA Into the 21st Century Act	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	
H.R. 5588 WHOLE Act of 2020	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	
H.R. 5585 Listing Reform Act	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	
H.R. 5591 Critical Habitat Improvement Act	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	
H.R. 5594 EMPOWERS Act of 2020	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	
H.R. 5595 Israel Anti-Boycott Act	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	
H.R. 5601 Property Rights Protection Act of 2020	To protect private property rights, and for other purposes.	Introduced by Rep. Ralph Norman (R-SC) – January 14, 2020	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>H.Res. 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>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>	
<u>H.R. 5598</u> <u>Boundary Waters Wilderness Protection and Pollution Prevention Act</u>	<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>Subcommittee on Energy and Mineral Resources hearing – February 5, 2020</p>	
<u>H.R. 5606</u> <u>Desert National Wildlife Refuge and Nevada Test and Training Range Withdrawal and Management Act</u>	<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>	
<u>H.R. 5615</u> <u>TREES Act</u>	<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
S. 3208 Regulatory Accountability Act	To improve agency rulemaking, and for other purposes.	Introduced by Sen. Rob Portman (R-OH) – January 16, 2020	
H.R. 5638 American Sovereignty and Species Protection Act	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.	Introduced by Rep. Andy Biggs (R-AZ) - January 16, 2020	
S. 3211 Clean Water Allotment Modernization Act	To amend the Federal Water Pollution Control Act to modify certain allotments under that Act, and for other purposes.	Introduced by Sen. Marco Rubio (R-FL) – January 16, 2020	
H.R. 5628 Clean Water Allotment Modernization Act	To amend the Federal Water Pollution Control Act to modify certain allotments under that Act, and for other purposes.	Introduced by Rep. Michael Waltz (R-FL) – January 17, 2020	
H.R. 5636 Transparency in Energy Production Act of 2020	To provide for the accurate reporting of fossil fuel extraction and emissions by entities with leases on public land, and for other purposes.	<p>Introduced by Rep. Alan Lowenthal (D-CA) – January 16, 2020</p> <p>Subcommittee on Energy and Mineral Resources hearing – January 28, 2020</p>	
H.R.5650 Federal Energy and Water Management Performance Act of 2020	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.	Introduced by Rep. Peter Welch (D-VT) – January 16, 2020	
H.R.5653 Green Federal Fleet Act	To prohibit Federal agencies from purchasing or leasing new vehicles that are not zero-emission vehicles, and for other purposes.	Introduced by Rep. Julia Brownley (D-CA) – January 17, 2020	

LEGISLATION	SUMMARY	STATUS	POSITION
S. 3221 Farm System Reform Act of 2019	<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>	
H. Res. 835 Expressing the sense of the House of Representatives 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>Expressing the sense of the House of Representatives 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 Rep. Debra Haaland (D-NM) – February 6, 2020</p>	
H.R. 5832 SHORE Act	<p>To direct the Secretary of the Army and the Director of the Office of Management and Budget to issue regulations and submit a report to Congress on cost-benefit ratios, and for other purposes.</p>	<p>Introduced by Rep. John Katko (R-NY) – February 10, 2020</p>	
S. 3274 Decentralized Wastewater Grant Act of 2020	<p>To amend the Federal Water Pollution Control Act to establish a decentralized wastewater grant program, and for other purposes.</p>	<p>Introduced by Sen. Cory Booker (D-NJ) – February 11, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>H.Con.Res. 89</u> <u>Encouraging the Trump Administration to maintain protections under the National Environmental Policy Act and reverse ongoing administrative actions to weaken this landmark law and its protections for American communities</u>	<p>Encouraging the Trump Administration to maintain protections under the National Environmental Policy Act and reverse ongoing administrative actions to weaken this landmark law and its protections for American communities.</p>	<p>Introduced by Rep. Debbie Dingell (D-MI) – February 11, 2020</p>	
<u>S.3288</u> <u>PUBLIC Lands Act</u>	<p>To provide for the protection of and investment in certain Federal land in the State of California, and for other purposes.</p>	<p>Introduced by Sen. Kamala Harris (D-CA) – February 12, 2020</p>	
<u>H.R. 5856</u> <u>Decentralized Wastewater Grant Act of 2020</u>	<p>To amend the Federal Water Pollution Control Act to establish a decentralized wastewater grant program, and for other purposes.</p>	<p>Introduced by Rep. Terri Sewell (D-AL) – February 11, 2020</p>	
<u>H.R. 5868</u> <u>RELIEF ACT</u>	<p>To amend the Act of August 18, 1941 (commonly known as the Flood Control Act of 1941), to allow a non-Federal sponsor to carry out certain work, to provide for reimbursement of costs to complete such work, and for other purposes.</p>	<p>Introduced by Rep. Jeff Fortenberry (R-NE) – February 13, 2020</p>	
<u>H.R. 5902</u> <u>Plastics Act of 2020</u>	<p>To establish a microplastics pilot program, and for other purposes.</p>	<p>Introduced by Rep. Brian Mast (R-FL) – February 14, 2020</p>	
<u>H.R.5986</u> <u>Environmental Justice For All Act</u>	<p>To restore, reaffirm, and reconcile environmental justice and civil rights, provide for the establishment of the Interagency Working Group on Environmental Justice Compliance and Enforcement, and for other purposes.</p>	<p>Introduced by Rep. Raul Grijalva (D-AZ) – February 27, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>H.R.6000</u> <u>To reauthorize a pilot program to evaluate the effectiveness of certain water-related feasibility studies carried out by non-Federal interests.</u>	<p>To reauthorize a pilot program to evaluate the effectiveness of certain water-related feasibility studies carried out by non-Federal interests.</p>	<p>Introduced by Rep. Mike Johnson (R-LA) – February 27, 2020</p>	
<u>H.R.6112</u> <u>Oil and Water Don't Mix Act of 2020</u>	<p>To require operators of oil and gas production facilities to take certain measures to protect drinking water, and for other purposes.</p>	<p>Introduced by Rep. Jared Huffman (D-CA) – March 5, 2020</p>	
<u>H.R.6113</u> <u>ARPA-H2O Act of 2020</u>	<p>To establish an Advanced Research Projects Agency–Water, and for other purposes.</p>	<p>Introduced by Rep. John Katko (R-NY) – March 5, 2020</p>	
<u>S.3418</u> <u>STORM Act</u>	<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 States to establish revolving funds to provide hazard mitigation assistance to reduce risks from disasters and natural hazards, and other related environmental harm.</p>	<p>Introduced by Sen. Gary Peters (D-MI) – March 11, 2020</p> <p>Placed on Senate Legislative Calendar – August 10, 2020</p>	
<u>H.R.6185</u> <u>Save Our Springs Act of 2020</u>	<p>To amend the Internal Revenue Code of 1986 to impose an excise tax on the extraction of certain water for bottling, and for other purposes.</p>	<p>Introduced by Rep. Debbie Wasserman Schultz (D-FL) – March 10, 2020</p>	
<u>S. 3422</u> <u>Great American Outdoors Act</u>	<p>To amend title 54, United States Code, to establish, fund, and provide for the use of amounts in a National Parks and Public Land Legacy Restoration Fund to address the maintenance backlog of the National Park Service, the United States Fish and Wildlife Service, the Bureau of Land Management, the Forest Service, and the Bureau of Indian Education, and to provide permanent, dedicated funding for the Land and Water Conservation Fund, and for other purposes.</p>	<p>Introduced by Sen. Cory Gardner (R-CO) – March 10, 2020</p> <p>Placed on Senate Legislative Calendar – March 11, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><u>S.Res.537</u> <u>A resolution encouraging the Trump Administration to maintain protections under the National Environmental Policy Act and reverse ongoing administrative actions to weaken this landmark law and its protections for American communities</u></p>	<p>Encouraging the Trump Administration to maintain protections under the National Environmental Policy Act and reverse ongoing administrative actions to weaken this landmark law and its protections for American communities.</p>	<p>Introduced by Sen. Thomas Carter (D-DE) – March 10, 2020</p>	
<p><u>H.R.6169</u> <u>To require the Secretary of the Interior, the Secretary of Agriculture, and the Assistant Secretary of the Army for Civil Works to digitize and make publicly available geographic information system mapping data relating to public access to Federal land and waters for outdoor recreation, and for other purposes</u></p>	<p>To require the Secretary of the Interior, the Secretary of Agriculture, and the Assistant Secretary of the Army for Civil Works to digitize and make publicly available geographic information system mapping data relating to public access to Federal land and waters for outdoor recreation, and for other purposes.</p>	<p>Introduced by Rep. Russ Fulcher (D-ID) – March 10, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>S.3480</u> <u>PFAS Testing and Treatment Act of 2020</u>	To amend the Safe Drinking Water Act and the Federal Water Pollution Control Act to authorize additional assistance to address pollution from perfluoroalkyl and polyfluoroalkyl substances and other emerging contaminants, and for other purposes.	Introduced by Sen. Jeanne Shaheen (D-NH) – March 12, 2020	
<u>H.R.6422</u> <u>National Infrastructure Bank Act of 2020</u>	To facilitate efficient investments and financing of infrastructure projects and new job creation through the establishment of a National Infrastructure Bank, and for other purposes.	Introduced by Danny Davis (D-IL) – March 31, 2020	
<u>H.R.6552</u> <u>Emergency Water is a Human Right Act</u>	To prohibit water shutoffs during the COVID–19 emergency period, provide drinking and waste water assistance to households, and for other purposes.	Introduced by Rep. Rashida Tlaib (D-MI) – April 17, 2020	
<u>H.R.6617</u> <u>Western Water Storage Infrastructure Act</u>	To support surface and groundwater storage and supporting projects in Reclamation States, and for other purposes.	Introduced by Rep. TJ Cox (D-CA) – April 29, 2020	
<u>H.R.6631</u> <u>Essential Worker Protection Act of 2020</u>	To direct the Secretary of Labor to establish an interagency task force on worker protection from COVID–19, and for other purposes.	Introduced by Rep. Haley Stevens (D-MI) – April 28, 2020	
<u>S.3591</u> <u>America's Water Infrastructure Act of 2020</u>	To provide for improvements to the rivers and harbors of the United States, to provide for the conservation and development of water and related resources, to provide for water pollution control activities, and for other purposes.	Introduced by Sen. John Barrasso (R-WY) – May 4, 2020 Placed on Senate Legislative Calendar – May 11, 2020	
<u>S.3621</u> <u>Made in America Water Infrastructure Act of 2020</u>	A bill to amend the Safe Drinking Water Act to remove limitations on the required use of American iron and steel products in projects carried out using State revolving loan funds, and for other purposes.	Introduced by Sen. Tammy Baldwin (D-WI) – May 6, 2020	
<u>H.R.6745</u> <u>Clean Water for All Act</u>	To prohibit implementation of a rule defining “waters of the United States” under the Federal Water Pollution Control Act, and for other purposes.	Introduced by Rep. Peter DeFazio (D-OR) – May 11, 2020	

LEGISLATION	SUMMARY	STATUS	POSITION
H.R.6898 IMAGINE Act	To encourage the research and use of innovative materials and associated techniques in the construction and preservation of the domestic transportation and water infrastructure system, and for other purposes.	Introduced by Rep. David Cicilline (D-RI) – May 18, 2020	
H.R.6922 BASE Protection Act	To require the Corps of Engineers to expedite review of applications for certain flood control projects near military installations, and for other purposes.	Introduced by Rep. Don Bacon (R-NE) – May 20, 2020	
S. 3811 Restoration of Essential Conveyance Act	To provide financial assistance for projects to address certain subsidence impacts in the State of California, and for other purposes.	Introduced by Sen. Dianne Feinstein (D-CA) – May 21, 2020 Subcommittee on Water and Power hearing held – July 22, 2020	
H.R.7092 Great American Outdoors Act	To amend title 54, United States Code, to establish, fund, and provide for the use of amounts in a National Parks and Public Land Legacy Restoration Fund to address the maintenance backlog of the National Park Service, the United States Fish and Wildlife Service, the Bureau of Land Management, the Forest Service, and the Bureau of Indian Education, and to provide permanent, dedicated funding for the Land and Water Conservation Fund, and for other purposes.	Introduced by Rep. Joe Cunningham (D-SC) – June 4, 2020	
H.R.7095 INVEST in America Act	To authorize funds for Federal-aid highways, highway safety programs, and transit programs, and for other purposes.	Introduced by Rep. Peter DeFazio (D-OR) – June 4, 2020	
H.R.2 Moving Forward Act	To authorize funds for Federal-aid highways, highway safety programs, and transit programs, and for other purposes.	Introduced by Rep. Peter DeFazio (D-OR) – June 11, 2020 Passed in the House – July 1, 2020	
H.R.7231 Infrastructure Bank for America Act of 2020	To establish the Infrastructure Bank for America as a corporation to serve as a lender for and investor in infrastructure projects, and for other purposes.	Introduced by Rep. Daniel Webster (R-FL) – June 15 2020	

LEGISLATION	SUMMARY	STATUS	POSITION
H.R.7243 Identifying PFAS at Water Infrastructure Sites Act	To require the Secretary of the Army, acting through the Chief of Engineers, to develop an inventory and carry out research with respect to PFAS, and for other purposes.	Introduced by Rep. Antonio Delgado (D-NY) – June 18, 2020	
H.R.7280 To amend the Internal Revenue Code of 1986 to provide an exclusion from gross income for certain wastewater management subsidies	To amend the Internal Revenue Code of 1986 to provide an exclusion from gross income for certain wastewater management subsidies.	Introduced by Rep. Thomas Suozzi (D-NY) - June 18, 2020	
S. 4049 National Defense Authorization Act for Fiscal Year 2021	To authorize appropriations for fiscal year 2021 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes.	Introduced by Sen. James Inhofe (R-OK) - June 23, 2020	
S.4188 Waters for Tomorrow Act	To provide for drought preparedness and improved water supply reliability, and for other purposes.	Introduced by Sen. Kamala Harris (D-CA) – July 2, 2020 Subcommittee on Water and Power hearing held – July 22, 2020	
S.4189 Water for Conservation and Farming Act	To provide for drought preparedness and improved water supply reliability.	Introduced by Sen. Ron Wyden (D-OR) – July 2, 2020 Subcommittee on Water and Power hearing held – July 22, 2020	

LEGISLATION	SUMMARY	STATUS	POSITION
<p>S.4206 A bill to amend the Water Infrastructure Finance and Innovation Act of 2014 to authorize the interest rate to be used on a secured loan to be the interest rate for United States Treasury securities of a similar maturity on the date of first disbursement of the loan, and for other purposes.</p>	<p>To amend the Water Infrastructure Finance and Innovation Act of 2014 to authorize the interest rate to be used on a secured loan to be the interest rate for United States Treasury securities of a similar maturity on the date of first disbursement of the loan, and for other purposes.</p>	<p>Introduced by Sen. Jeff Merkley (D-OR) – July 2, 2020</p>	
<p>H.R.7575 Water Resources Development Act of 2020</p>	<p>To provide for improvements to the rivers and harbors of the United States, to provide for the conservation and development of water and related resources, and for other purposes.</p>	<p>Introduced by Rep. Peter DeFazio (D-OR) – July 13, 2020</p> <p>Passed in the House, Received in the Senate - July 30, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>H.R.7608</u> <u>State, Foreign Operations, Agriculture, Rural Development, Interior, Environment, Military Construction, and Veterans Affairs Appropriations Act, 2021</u>	Making appropriations for the Department of State, foreign operations, and related programs for the fiscal year ending September 30, 2021, and for other purposes.	Introduced by Rep. Nita Lowery (D-NY) – July 13, 2020 Passed in the House, Received in the Senate – July 30, 2020	
<u>H.R.7610</u> <u>Agriculture, Rural Development, Food and Drug Administration, and Related Agencies Appropriations Act, 2021</u>	Making appropriations for Agriculture, Rural Development, Food and Drug Administration, and Related Agencies programs for the fiscal year ending September 30, 2021, and for other purposes.	Introduced by Rep. Sanford Bishop (D-GA) – July 13, 2020	
<u>H.R.7612</u> <u>Department of the Interior, Environment, and Related Agencies Appropriations Act, 2021</u>	Making appropriations for the Department of the Interior, environment, and related agencies for the fiscal year ending September 30, 2021, and for other purposes.	Introduced by Rep. Betty McCollum (D-MN) – July 14, 2020	
<u>H.R.7613</u> <u>Energy and Water Development and Related Agencies Appropriations Act, 2021</u>	Making appropriations for energy and water development and related agencies for the fiscal year ending September 30, 2021, and for other purposes.	Introduced by Rep. Marcy Kaptur (D-OH) – July 15, 2020 Placed on the Union Calendar – July 15, 2020	

LEGISLATION	SUMMARY	STATUS	POSITION
S. 4336 RESILIENT Act	To provide for the improvement of rural infrastructure in the United States, and for other purposes.	Introduced by Sen. Michael Bennet (D-CO) – July 28, 2020	
S.4352 Border Water Quality Restoration and Protection Act of 2020	To provide for the water quality restoration of the Tijuana River and the New River, and for other purposes.	Introduced by Sen. Dianne Feinstein (D-CA) – July 29, 2020	
S.4362 Emergency Water and Energy is a Human Right Act	To prohibit water and power shutoffs during the COVID–19 emergency period, provide drinking and wastewater assistance to households, and for other purposes.	Introduced by Sen. Jeff Merkley (D-OR) – July 29, 2020	
S.4401 Environmental Justice For All Act	To restore, reaffirm, and reconcile environmental justice and civil rights, provide for the establishment of the Interagency Working Group on Environmental Justice Compliance and Enforcement, and for other purposes.	Introduced by Sen. Kamala Harris (D-CA) – August 3, 2020	
S.4402 A bill to amend the Federal Water Pollution Control Act to clarify certain activities that would have been authorized under Nationwide Permit 12 and other Nationwide Permits, and for other purposes	To amend the Federal Water Pollution Control Act to clarify certain activities that would have been authorized under Nationwide Permit 12 and other Nationwide Permits, and for other purposes.	Introduced by Sen. John Cornyn (R-TX) – August 3, 2020	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>S.4431</u> <u>Emergency Wildfire and Public Safety Act of 2020</u>	<p>To increase wildfire preparedness and response throughout the United States, and for other purposes.</p>	<p>Introduced by Sen. Dianne Feinstein (D-CA) – August 4, 2020</p> <p>Energy and Natural Resources Subcommittee on Public Lands, Forests, and Mining hearing held – September 16, 2020</p>	
<u>H.R.7991</u> <u>Border Water Quality Restoration and Protection Act of 2020</u>	<p>To provide for the water quality restoration of the Tijuana River and the New River, and for other purposes.</p>	<p>Introduced by Rep. Juan Vargas (D-CA) – August 7, 2020</p>	
<u>H.R.8166</u> <u>Western Water Storage Infrastructure Act</u>	<p>To support surface and groundwater storage and supporting projects in Reclamation States, and for other purposes.</p>	<p>Introduced by Rep. TJ Cox (D-CA) – September 4, 2020</p>	
<u>H.R.8217</u> <u>WIFIA Improvement Act of 2020</u>	<p>To amend the Water Infrastructure Finance and Innovation Act of 2014 with respect to the final maturity date of certain loans, and for other purposes.</p>	<p>Introduced by Rep. John Garamendi (D-CA) – September 11, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p>H.R.8292 To amend the Water Resources Reform and Development Act of 2014 with respect to the application of the Spill Prevention, Control, and Countermeasure rule to certain farms, and for other purposes</p>	<p><i>Text is not yet available.</i></p>	<p>Introduced by Rep. Eric Crawford (R-AR) – September 17, 2020</p>	
<p><u>H.R.8337</u> <u>Continuing Appropriations Act, 2021 and Other Extensions Act</u></p>	<p>Making continuing appropriations for fiscal year 2021, and for other purposes.</p>	<p>Introduced by Rep. Nita Lowey (D-NY) – September 22, 2020</p> <p>Passed in the House; Cloture motion on the measure presented in Senate – September 24, 2020</p>	
<p>S.4664 A bill to amend the Internal Revenue Code of 1986 to provide an exclusion from gross income for certain waste water management subsidies</p>	<p><i>Text is not yet available.</i></p>	<p>Introduced by Sen. Kirsten Gillibrand (D-NY) – September 23, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p>S.Res.714 A resolution encouraging the Administrator of the Environmental Protection Agency to maintain and strengthen requirements under the Clean Water Act and reverse ongoing administrative actions to weaken the Clean Water Act and protections for waters of the United States</p>	<p><i>Text is not yet available.</i></p>	<p>Introduced by Sen. Tammy Duckworth (D-IL) – September 23, 2020</p>	

COVID-19 RELIEF LEGISLATION

LEGISLATION	SUMMARY	STATUS	POSITION
<u>H.R.6074</u> <u>Coronavirus Preparedness and Response Supplemental Appropriations Act, 2020</u>	Making emergency supplemental appropriations for the fiscal year ending September 30, 2020, and for other purposes.	Introduced by Rep. Nita Lowey (D-NY) – March 4, 2020 Became Public Law No: 116-123 – March 6, 2020	
<u>S.3415</u> <u>Paid Sick Days for Public Health Emergencies and Personal and Family Care Act</u>	To allow Americans to earn paid sick time so that they can address their own health needs and the health needs of their families.	Introduced by Sen. Patty Murray (D-WA) – March 5, 2020	
<u>H.R.6201</u> <u>Families First Coronavirus Response Act</u>	Making emergency supplemental appropriations for the fiscal year ending September 30, 2020, and for other purposes.	Introduced by Rep. Nita Lowey (D-NY) – March 11, 2020 Became Public Law No: 116-127 – March 18, 2020	
<u>H.R.6198</u> <u>Emergency Paid Leave Act of 2020</u>	To provide emergency paid leave benefits to certain individuals affected by COVID-19, and for other purposes.	Introduced by Rep. Stephanie Murphy (D-FL) – Introduced March 11, 2020	
<u>H.R.6150</u> <u>Paid Sick Days for Public Health Emergencies and Personal and Family Care Act</u>	To allow Americans to earn paid sick time so that they can address their own health needs and the health needs of their families.	Introduced by Rep. Rosa DeLauro (D-CT) – March 9, 2020	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>H.R.6220</u> <u>Emergency Family and Medical Leave Expansion Act</u>	To amend the Family and Medical Leave Act of 1993 to provide for leave with respect to a public health emergency, and for other purposes.	Introduced by Rep. Robert Scott (D-VA) - March 12, 2020	
<u>S.3476</u> <u>Coronavirus Worker Relief Act</u>	To provide for unemployment benefits to workers affected by the 2019 Novel Coronavirus.	Introduced by Sen. Gary Peters (D-MI) - March 12, 2020	
<u>S.3548</u> <u>CARES Act</u>	To provide emergency assistance and health care response for individuals, families, and businesses affected by the 2020 coronavirus pandemic.	Introduced by Sen. Mitch McConnell (R-KY) – March 19, 2020 Committee on Small Business and Entrepreneurship hearing held – June 3, 2020	
<u>H.R.6321</u> <u>Financial Protections and Assistance for America's Consumers, States, Businesses, and Vulnerable Populations Act</u>	To provide financial protections and assistance for America’s consumers, States, businesses, and vulnerable populations during the COVID-19 emergency and to recover from the emergency.	Introduced by Rep. Maxine Waters (D-CA) – March 23, 2020	
<u>H.R.6328</u> <u>Emergency Relief for State, Territorial and Local Governments Act of 2020</u>	To authorize Federal reserve banks to purchase COVID–19 related municipal issuances, and for other purposes.	Introduced by Rep. Rashida Tlaib (D-MI) – March 23, 2020	

LEGISLATION	SUMMARY	STATUS	POSITION
H.R.6379 Take Responsibility for Workers and Families Act	Making emergency supplemental appropriations for the fiscal year ending September 30, 2020, and for other purposes.	Introduced by Rep. Nita Lowery (D-NY) – March 23, 2020	
H.R. 6361 Relief for Small Businesses and Nonprofits Act	To provide loan and obligation payment relief for small businesses and nonprofits affected by the COVID–19 emergency, and for other purposes.	Introduced by Rep. Ed Perlmutter (D-CO) – March 23, 2020	
S.3584 COVID-19 Workers First Protection Act of 2020	To direct the Secretary of Labor to issue an emergency temporary standard that requires certain employers to develop and implement a comprehensive infectious disease exposure control plan to protect employees in the health care sectors and other employees at elevated risk from exposure to SARS–CoV–2, and for other purposes.	Introduced by Sen. Tammy Baldwin (D-WI) – March 25, 2020	
H.R. 6402 COVID-19 Workforce Emergency Response Act	To provide State and local workforce systems flexibility and financial support to respond to the COVID–19 national emergency.	Introduced by Rep. Andy Levin (D-MI) – March 26, 2020	
H.R.748 CARES Act	To amend the Internal Revenue Code of 1986 to repeal the excise tax on high cost employer-sponsored health coverage.	Introduced by Rep. Joe Courtney (D-CT) – March 27, 2020 Became Public Law No: 116-136 – March 27, 2020	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>H.R.6410</u> <u>To direct the President to use authority under the Defense Production Act of 1950 to ensure an adequate supply of equipment necessary for limiting the spread of COVID-19.</u>	<p>To direct the President to use authority under the Defense Production Act of 1950 to ensure an adequate supply of equipment necessary for limiting the spread of COVID-19.</p>	<p>Introduced by Rep. John Larson (D-CT) – March 27, 2020</p>	
<u>H.R.6423</u> <u>To provide for a temporary debt collection moratorium during the COVID-19 emergency period, and for other purposes.</u>	<p>To provide for a temporary debt collection moratorium during the COVID-19 emergency period, and for other purposes.</p>	<p>Introduced by Rep. Al Lawson (D-FL) – March 31, 2020</p>	
<u>H.R.6431</u> <u>Made in America Emergency Preparedness Act</u>	<p>To require the creation of a national commission to prepare for future national emergencies, and for other purposes.</p>	<p>Introduced by Rep. Brian Fitzpatrick (R-PA) – April 3, 2020</p>	
<u>H.R.6472</u> <u>COVID-19 Price Gouging Prevention Act</u>	<p>To prohibit price gouging in connection with the public health emergency resulting from COVID–19, and for other purposes.</p>	<p>Introduced by Rep. Janice Schakowsky (D-IL) – April 7, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>H.R.6460</u> <u>To provide funding for needed child and adult care so that essential workers can report to work during the COVID-19 pandemic.</u>	<p>To provide funding for needed child and adult care so that essential workers can report to work during the COVID-19 pandemic.</p>	<p>Introduced by Rep. Danny Davis (D-IL) – April 7, 2020</p>	
<u>H.R.6525</u> <u>Reopen America Act of 2020</u>	<p>To provide the necessary Federal financial and logistical support so States can reopen their economies once periods of isolation have sufficiently reduced coronavirus infection and transmission rates, and with adequate testing and other safeguards to ensure infection rates do not exceed medical resources, and virus transmission rates are maintained below 1 and thereby steadily reduce the number of infected, and for other purposes.</p>	<p>Introduced by Rep. Jamie Raskin (D-MD) – April 17, 2020</p>	
<u>H.R. 6552</u> <u>Emergency Water is Human Right Act</u>	<p>To prohibit water shutoffs during the COVID–19 emergency period, provide drinking and waste water assistance to households, and for other purposes.</p>	<p>Introduced by Rep. Rashida Tlaib (D-MI) – April 17, 2020</p>	
<u>H.R.6559</u> <u>COVID-19 Every Worker Protection Act of 2020</u>	<p>To require the Occupational Safety and Health Administration to promulgate an emergency temporary standard to protect employees from occupational exposure to SARS–CoV–2, and for other purposes.</p>	<p>Introduced by Rep. Robert Scott (D-VA) – April 21, 2020</p>	
<u>H.R. 266</u> <u>Paycheck Protection Program and Health Care Enhancement Act</u>	<p>Making appropriations for the Department of the Interior, environment, and related agencies for the fiscal year ending September 30, 2019, and for other purposes.</p>	<p>Introduced by Rep. Betty McCollum (D-MN) – April 24, 2020</p> <p>Became Public Law No: 116-139 – April 24, 2020</p>	
<u>H.R. 6631</u> <u>Essential Worker Protection Act of 2020</u>	<p>To direct the Secretary of Labor to establish an interagency task force on worker protection from COVID–19, and for other purposes.</p>	<p>Introduced by Rep. Haley Stevens (D-MI) – April 28, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
H.R.6652 Flexibility for Localities and Eligibility Expansion Act of 2020	To amend title VI of the Social Security Act to expand the permissible use of funds under the Coronavirus Relief Fund.	Introduced by Rep. Don Bacon (R-NE) – May 1, 2020	
H.R. 6653 MASKS ON Act	To require the Director of the Centers for Disease Control and Prevention to carry out a national public outreach campaign regarding the proper use of personal protective equipment to minimize personal risk of exposure to, and risk of spreading, the virus that causes COVID–19, and for other purposes.	Introduced by Rep. Daniel Lipinski (D-IL) – May 1, 2020	
H.R.6699 Opportunities for Heroes Act of 2020	To establish a commission to determine essential employment during the COVID-19 crisis period and provide loan repayment and education credit to workers employed in such essential employment during such crisis, and for other purposes.	Introduced by Rep. Ann Kuster (D-NH) – May 5, 2020	
H.R.6705 Coronavirus State and Local Financial Assistance Act	To require the Secretary of the Treasury to establish a State and Local Government Coronavirus Relief Program to make grants to States to make up for lost revenue due to COVID-19 and social distancing steps taken by the State and political subdivisions of the State, and for other purposes.	Introduced by Rep. Cynthia Axne (D-IA) – May 5, 2020	
S.3627 Medical Supply Transparency and Delivery Act	A bill to provide for the expedited and transparent procurement and distribution of equipment and supplies needed to combat COVID-19.	Introduced by Sen. Tammy Badlwin (D-WI) – May 6, 2020	
S.3671 State & Local Emergency Stabilization Fund Act of 2020	To amend title VI of the Social Security Act to provide additional funding for States, Tribal governments, and local communities due to the Coronavirus Disease 2019 (COVID–19) public health emergency, and for other purposes.	Introduced by Rep. Jack Reed (D-RI) – May 7, 2020	
H.R. 6748 Direct Support for Communities Act	To provide funding for cities, counties, and other units of general local government to prevent, prepare for, and respond to coronavirus.	Introduced by Rep. Antonio Delgado (D-NY) – May 8, 2020	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>H.R.6760</u> <u>Fair Housing Further Enforcement Emergency Act of 2020</u>	To authorize assistance for fair housing enforcement activities to respond to the COVID-19 pandemic, and for other purposes.	Introduced by Rep. Al Green (D-TX) – May 8, 2020	
<u>S.3672</u> <u>Pandemic TANF Assistance Act</u>	To provide States and Indian Tribes with flexibility in administering the temporary assistance for needy families program due to the public health emergency with respect to the Coronavirus Disease (COVID–19), to make emergency grants to States and Indian Tribes to provide financial support for low-income individuals affected by that public health emergency, and for other purposes.	Introduced by Sen. Ron Wyden (D-OR) – May 11, 2020	
<u>S.3682</u> <u>A bill to provide States, Tribal governments, and local governments with spending discretion for part of their Coronavirus Relief Fund payment</u>	To provide States, Tribal governments, and local governments with spending discretion for part of their Coronavirus Relief Fund payment.	Introduced by Sen. Mike Rounds (R-SD) – May 11, 2020	
<u>S.3685</u> <u>Emergency Rental Assistance and Rental Market Stabilization Act of 2020</u>	To provide emergency rental assistance under the Emergency Solutions Grants program of the Secretary of Housing and Urban Development in response to the public health emergency resulting from the coronavirus, and for other purposes.	Introduced by Sen. Sherrod Brown (D-OH) – May 12, 2020	
<u>H.R.6800</u> <u>The Heroes Act</u>	Making emergency supplemental appropriations for the fiscal year ending September 30, 2020, and for other purposes.	Introduced by Rep. Nita Lowey (D-NY) – May 12, 2020 Placed on Senate Legislative Calendar – May 21, 2020	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>H.R.6820</u> <u>Emergency Rental Assistance and Rental Market Stabilization Act of 2020</u>	<p>To provide emergency rental assistance under the Emergency Solutions Grants program of the Secretary of Housing and Urban Development in response to the public health emergency resulting from the coronavirus, and for other purposes.</p>	<p>Introduced by Rep. Denny Heck (D-WA) – May 12, 2020</p>	
<u>S.3728</u> <u>Critical Infrastructure Employee Protection Act of 2020</u>	<p>To require the Secretary of Transportation to support the efforts of State and local governments to provide for priority testing of essential critical infrastructure workers with respect to the Coronavirus Disease 2019 (COVID–19), and for other purposes.</p>	<p>Introduced by Sen. Roger Wicker (R-MS) – May 13, 2020</p>	
<u>S.3767</u> <u>SMART Act</u>	<p>To amend title VI of the Social Security Act to establish a Coronavirus Local Community Stabilization Fund.</p>	<p>Introduced by Sen. Steve Daines (R-MT) – May 19, 2020</p>	
<u>H.R.6918</u> <u>Paycheck Recovery Act of 2020</u>	<p>To direct the Secretary of the Treasury to establish a grant program for employers adversely affected by COVID–19, and for other purposes.</p>	<p>Introduced by Rep. Pramilla Jayapal (D-WA) – May 19, 2020</p>	
<u>H.R.6954</u> <u>SMART Act</u>	<p>To amend title VI of the Social Security Act to establish a Coronavirus Local Community Stabilization Fund</p>	<p>Introduced by Rep. Mikie Sherrill (D-NJ) – May 19, 2020</p>	
<u>S.3830</u> <u>United States Pandemic Relief Bonds Act of 2020</u>	<p>To amend title 31, United States Code, to authorize the issuance of United States Pandemic Bonds to aid in the funding of relief efforts related to coronavirus disease 2019 (COVID–19).</p>	<p>Introduced by Sen. Dan Sullivan (D-AK) – May 21, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
S.3833 Paycheck Protection Program Extension Act	To extend the loan forgiveness period for the paycheck protection program, and for other purposes.	Introduced by Sen. Marco Rubio (R-FL) – May 21, 2020 Placed on Senate Legislative Calendar – June 1, 2020	
H.R. 6973 PPE Act	To amend the paycheck protection program of the Small Business Administration to include costs related to the provision of personal protective equipment as an allowable use of a covered loan, and for other purposes.	Introduced by Rep. Abby Filkenauer (D-IA) – May 22, 2020	
H.R.6981 PPP DEAL Act	To extend the covered period for loan forgiveness and the rehiring period under the CARES Act, and for other purposes.	Introduced by Rep. Connor Lamb (D-PA) - May 22, 2020	
H.R.7010 Paycheck Protection Program Flexibility Act of 2020	To amend the Small Business Act and the CARES Act to modify certain provisions related to the forgiveness of loans under the paycheck protection program, to allow recipients of loan forgiveness under the paycheck protection program to defer payroll taxes, and for other purposes.	Introduced by Rep. Dean Phillips (D-MN) – May 26, 2020 Became Public Law No: 116-142 – June 5, 2020	
H.R.7065 To require States to certify a process for distributing Coronavirus Relief Funds to local governments	To require States to certify a process for distributing Coronavirus Relief Funds to local governments.	Introduced by Rep. Kevin Brady (R-TX) – June 1, 2020	

LEGISLATION	SUMMARY	STATUS	POSITION
<u>H.R.7073</u> <u>Special Districts</u> <u>Provide Essential</u> <u>Services Act</u>	To amend the Social Security Act to include special districts in the coronavirus relief fund, to direct the Secretary to include special districts as an eligible issuer under the Municipal Liquidity Facility, and for other purposes.	Introduced by Rep. John Garamendi (D-CA) – June 1, 2020	<i>Support</i>
<u>H.R.7090</u> <u>Coronavirus County</u> <u>Relief and Stability</u> <u>Act</u>	To amend title VI of the Social Security Act to establish the Coronavirus County Relief Fund, and for other purposes.	Introduced Rep. Paul Cook (R-CA) – June 4 2020	
<u>H.R.7094</u> <u>Flexibility for States</u> <u>and Localities Act</u>	To amend title VI of the Social Security Act to expand the permissible use of funds under the Coronavirus Relief Fund.	Introduced by Rep. Warren Davidson (R-OH) – June 4, 2020	
<u>S.4125</u> <u>Paycheck Protection</u> <u>Program Extension</u> <u>and Modification</u> <u>Act of 2020</u>	To extend the paycheck protection program and to provide supplemental loans to recipients of loans under the paycheck protection program, and for other purposes.	Introduced by Sen. Cory Gardner (R-CO) – July 1, 2020	
<u>H.R.7985</u> <u>Emergency</u> <u>Assistance for Rural</u> <u>Water Systems Act</u>	To provide for assistance to rural water and waste disposal systems affected by the COVID–19 pandemic, and for other purposes.	Introduced by Rep. David Rouzer (R-NC) – August 7, 2020	

LEGISLATION	SUMMARY	STATUS	POSITION
<p>H.R.8266 To modify the Federal cost share of certain emergency assistance provided under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, to modify the activities eligible for assistance under the emergency declaration issued by the President on March 13, 2020 relating to COVID-19, and for other purposes</p>	<p><i>Text is not yet available.</i></p>	<p>Introduced by Rep. Peter DeFazio (D-OR) – September 16, 2020</p>	
<p>S.4633 A bill to provide for assistance to rural water, wastewater, and waste disposal systems affected by the COVID-19 pandemic, and for other purposes</p>	<p><i>Text is not yet available.</i></p>	<p>Introduced by Sen. Jeanne Shaheen (D-NH) – September 21, 2020</p>	



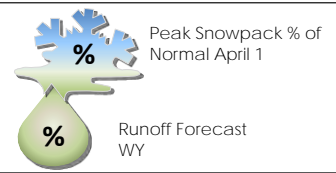
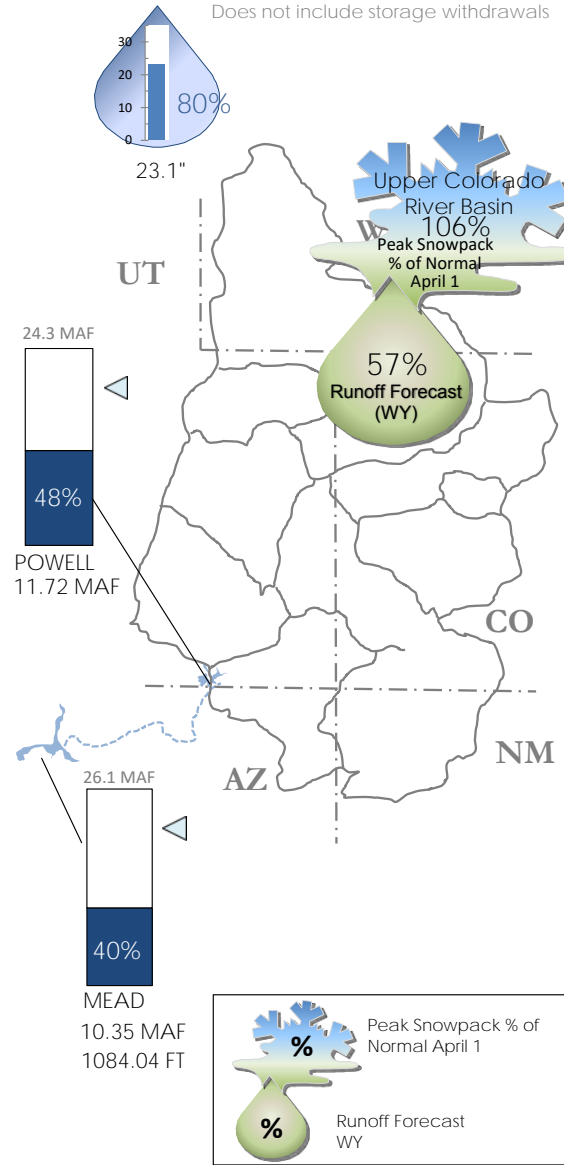
Water Supply Conditions Report

As of: 08/31/2020

2020 Colorado River

1,103,000 AF
88% of full CRA

Does not include storage withdrawals



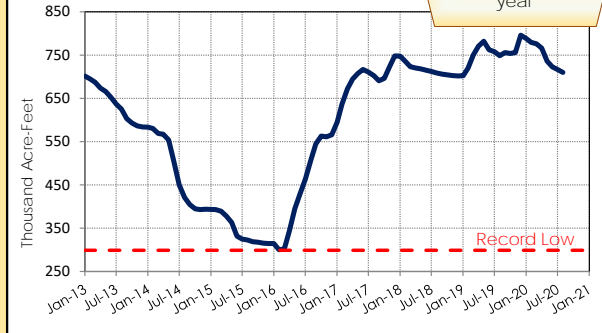
Turn page for more CRA Data

Flip Over for SWP Data

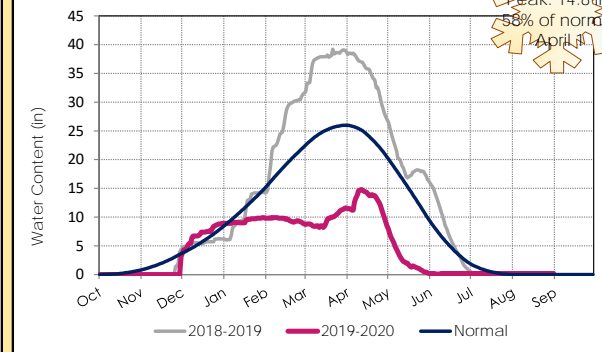
Highlights

- Sacramento River Runoff forecast is 52% of normal
- Statewide snowpack peaked at 64% of normal
- Lake Powell inflow forecast is 57% of normal
- Snowpack in the Upper Colorado River Basin peaked at 106% of normal

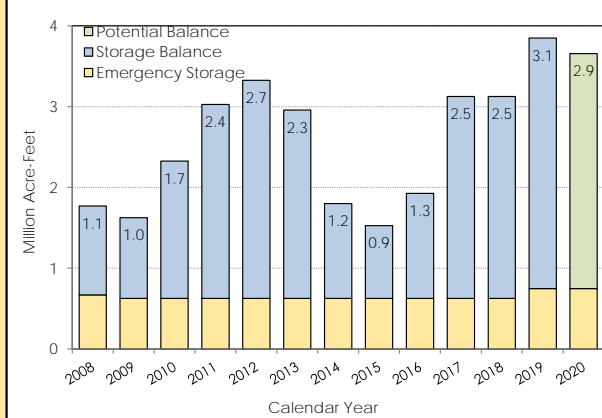
Diamond Valley Lake Storage



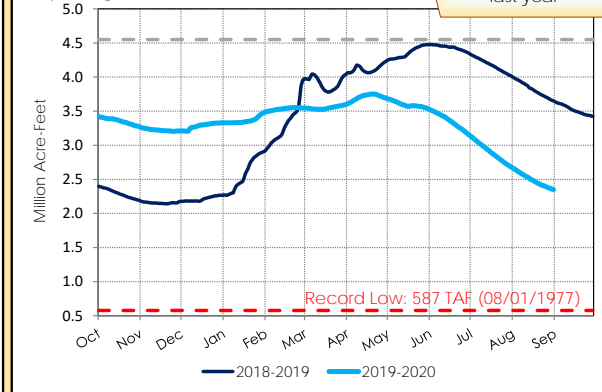
Southern Sierra Snowpack



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.

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



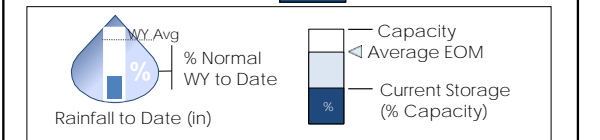
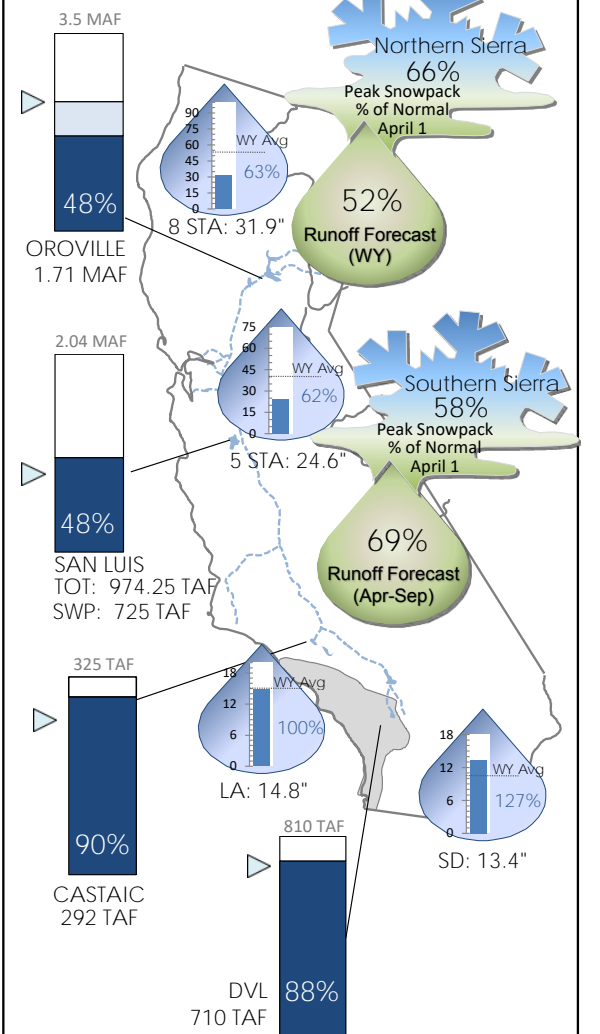
Water Supply Conditions Report

ITEM 5D

As of: 08/31/2020

2020 SWP Allocation

382,300 AF
20% of Table A



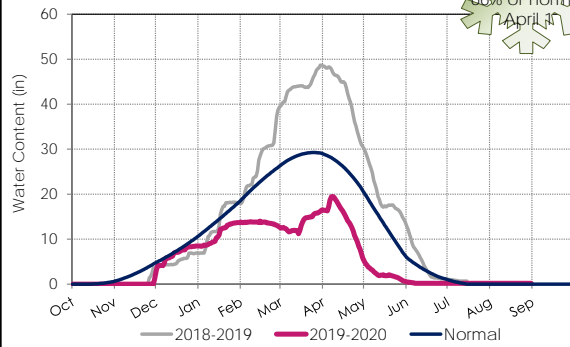
Flip Over for CRA Data

Turn page for more SWP Data

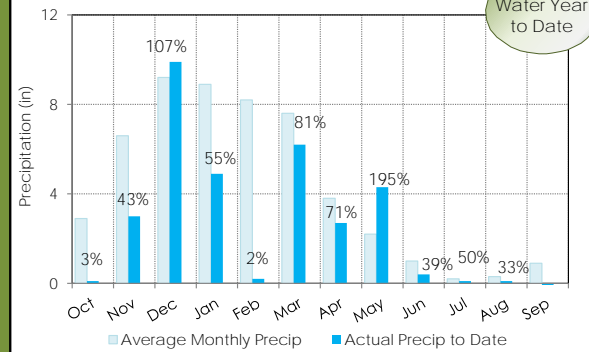
As of: 08/31/2020

State Water Project Resources

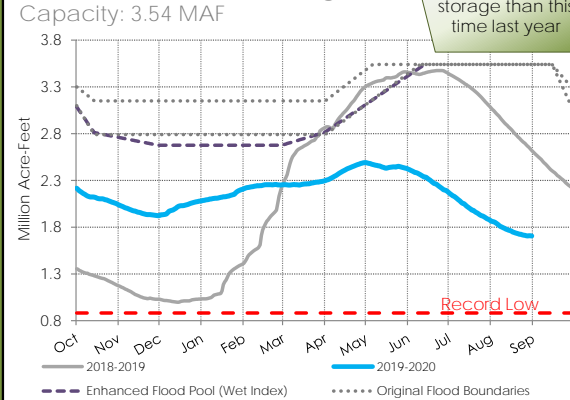
Northern Sierra Snowpack



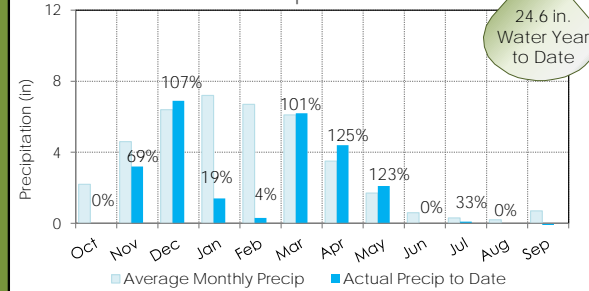
8 Station Index Precip



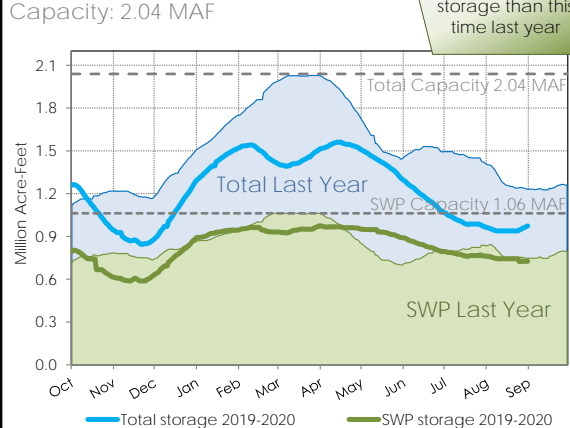
Oroville Reservoir Storage



5 Station Index Precip



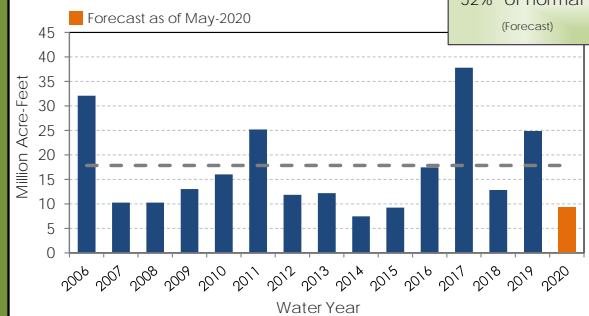
San Luis Reservoir Storage



Other SWP Contract Supplies for 2020 (AF)

Carryover	330,766
Transfer Supplies	6,000 (est.)

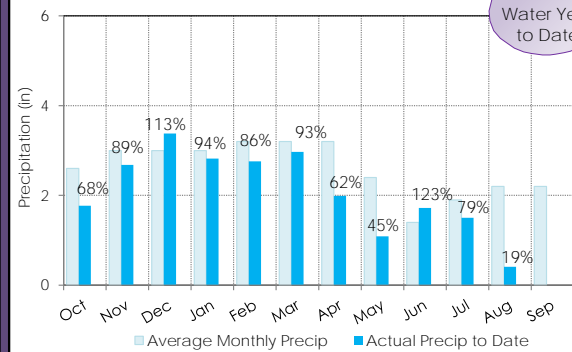
Sacramento River Runoff



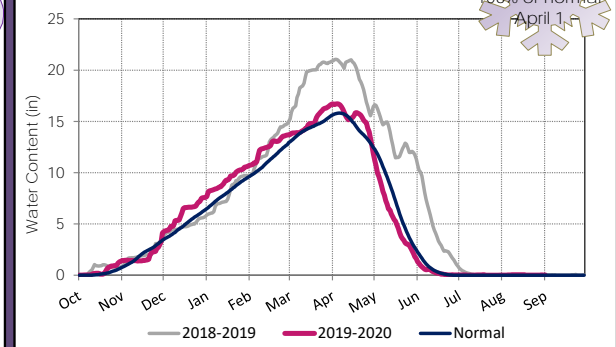
Colorado River Resources

As of: 08/31/2020

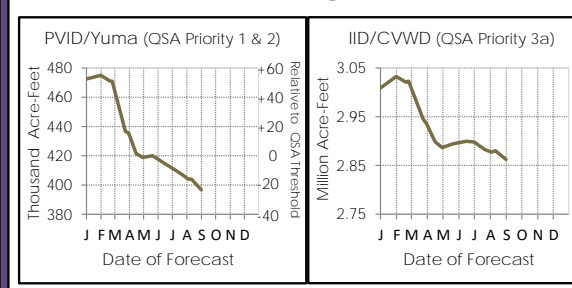
Upper Colorado Basin Precip



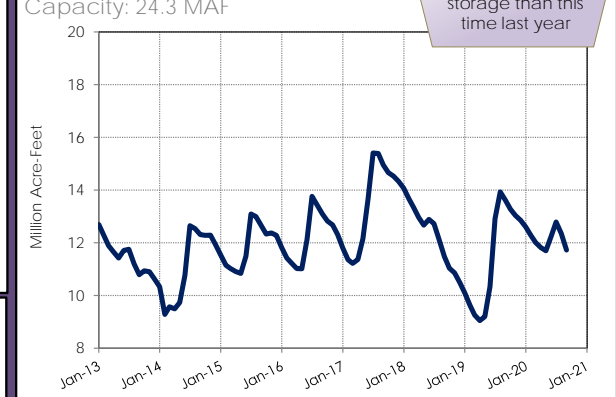
Upper Colorado Basin Snowpack



2019 Colorado River Ag Use



Lake Powell Storage

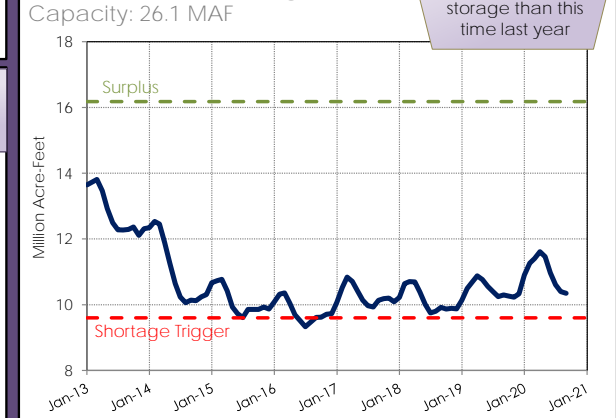


Lake Mead Shortage/Surplus Outlook

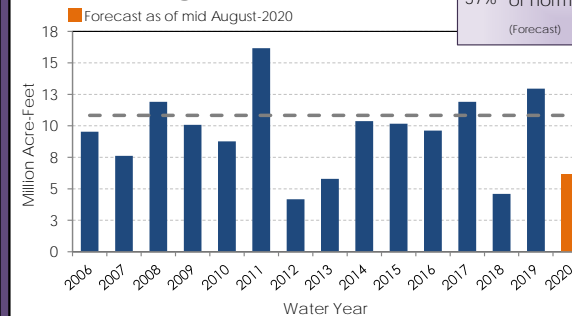
	2020	2021	2022	2023	2024
Shortage	0%	0%	9%	31%	37%
Surplus	0%	0%	<1%	6%	10%

Likelihood based on results from the April 2020 MTOM/CRSS model run. Includes DCP Contributions.

Lake Mead Storage



Powell Unregulated Inflow





October 6, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: General Manager

Subject : Response to Coronavirus (COVID-19) Pandemic: Continuation of Emergency

SUMMARY:

On March 24, 2020, the Board adopted Resolution No. 2572, declaring a state of emergency for the District's service area due to the coronavirus (COVID-19) pandemic and authorizing actions to support the response and recovery effort. On April 21, 2020, the Board adopted Resolution No. 2574, amending and reenacting the declaration of a local state of emergency and authorizing interest-free flexible payments plans for up to 24 months. On May 19, 2020, the Board adopted Resolution No. 2576, amending and reenacting the declaration of a local state of emergency and authorizing a waiver of service initiation fees for commercial customers who temporarily closed their accounts due to hardships associated with COVID-19. Subsequently, on June 16, 2020, the Board adopted Resolution No. 2578, amending and reenacting the declaration of a local state of emergency and authorizing a partial credit to commercial hotel customers for fixed sewer charges for the months of April and May 2020 with a maximum 50 percent reduction of the charges.

Section 2-6.402 of the Las Virgenes Municipal Water District Code requires that once the Board has declared an emergency, it must determine by a 4/5's vote at each subsequent regular Board meeting whether to continue or terminate the authorization for emergency. Staff recommends that the emergency declaration be continued.

RECOMMENDATION(S):

Approve the continuation of an emergency declaration for response to the coronavirus (COVID-19) pandemic.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

DISCUSSION:

Resolution Nos. 2572, 2574, 2576, and 2578 authorized and directed the General Manager to temporarily grant relief to District customers, as follows:

- Avoid shutting off water service for non-payment;
- Discontinue the issuance of door tags and associated fees for non-payment;
- Waive late charges for past due water and wastewater bills; and
- Authorize interest-free flexible payment plans for up to 24 months.
- Authorize waiving service initiation fees for commercial customers who temporarily closed their accounts due to hardship associated with COVID-19
- Authorize a partial credit to commercial hotel customers for fixed sewer charges for the months of April and May 2020 with a maximum 50 percent reduction of the charges.

At the Board meeting, staff will provide a comprehensive update on the District's response to the coronavirus (COVID-19) pandemic, including the following items:

- Response actions taken to-date;
- Effectiveness of the above-described actions;
- Feedback received from customers; and
- Billing and financial metrics.

GOALS:

Provide Safe and Quality Water with Reliable Services

Prepared by: David W. Pedersen, General Manager



October 6, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject : Multi-Site Battery Energy Storage System Project: Request for Proposals

SUMMARY:

TerraVerde Energy, LLC (TerraVerde) has provided effective consulting services to the District and Las-Virgenes Triunfo Joint Powers Authority (JPA) for work related to the expansion of the Solar Energy Generation Facility and construction of the Rancho Solar Generation Project Phase II.

In June 2020, the JPA Board authorized a professional services agreement with TerraVerde Energy to evaluate the feasibility of new solar photovoltaic and battery energy storage projects that could further reduce the demand and cost of operations at multiple District and JPA facilities, while also providing some level of energy resiliency during Public Safety Power Shutoff (PSPS) events and other grid outages. TerraVerde completed a financial analysis of potential additional energy cost-saving improvements. These energy cost-saving improvements include the potential installation of net-metered photovoltaic solar and battery energy storage systems (BESS) at multiple District- and JPA-owned facilities.

At the Board meeting, Kevin Ross with TerraVerde will present a financial analysis of the project options, which include multi-site battery energy storage system (BESS) opportunities, showing the costs and benefits of the various project options. Based on a review of the analysis, staff recommends that the District and JPA proceed with the next steps in the project development process, which includes preparation of a request for proposals to obtain competitive pricing for implementation of the most cost-effective options.

Staff recommends authorization to retain TerraVerde to assist the District with preparation of a request for proposals, evaluation of the proposals received, scoping of final project and negotiations with the recommended service provider. Also, staff recommends taking advantage of available State Self-Generation Incentive Program (SGIP) funding.

RECOMMENDATION(S):

Accept the proposal from TerraVerde Energy, LLC; authorize the General Manager to execute a professional services agreement, in the amount of \$28,625, and apply for Self-Generation

Incentive Program funding; and approve the issuance of a Request for Proposals for the Multi-Site Battery Energy Storage System Project.

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

The total cost of the recommended consulting services is \$82,874, which consists of \$28,625 for LVMWD-only facilities and \$54,250 for JPA facilities. Staff is recommending that the JPA Board approve its share of the consulting services separately. As a result, the cost of this action is \$28,625. Sufficient funds are available in the adopted Fiscal Year 2020-2021 Budget for the project.

DISCUSSION:

In June 2020, TerraVerde Energy was retained to evaluate the feasibility of adding new solar photovoltaic and battery energy storage improvements at multiple facilities that could further reduce the demand and cost of electricity for both the District and JPA operations, while also providing some level of energy resiliency during PSPS events and other grid outages.

TerraVerde completed its District- and JPA-wide analysis and presented the results of the study to staff. TerraVerde developed two groups of potential improvements that are projected to benefit the District and JPA by reducing energy consumption, demand and SCE bills, while also providing an estimated level of backup power duration): Group 1: Solar Photovoltaic Systems with Integrated Battery Energy Storage, and Group 2: Standalone Battery Energy Storage.

Each group is made up of both JPA and LVMWD facilities. At the District's request, TerraVerde has updated the financial summary to separate the improvements to reflect LVMWD-only and JPA facilities separately.

Calculating the financial benefit of renewable energy and energy storage projects involves a complex analysis of many inter-related factors including the following:

- Electrical demand and energy consumption profiles;
- Southern California Edison Rate Tariffs: Projects that can avoid/mitigate high-cost "time-of-use" periods and rate components, and/or can take advantage of available net energy metering (NEM) tariffs that benefit customers who generate their own on-site power;
- California Public Utility Commission (CPUC) Self-Generation Incentive Program (SGIP): Available rebates for installing energy storage technologies at critical-need facilities. These storage technologies include battery energy storage systems that can function during PSPS events and other power outages; and

- Facility size, location, and available area for installation of battery systems and photovoltaic solar panels.

TerraVerde developed a detailed financial analysis for presentation to the Board. Additionally, TerraVerde provided a proposal, including a prorated LVMWD-only portion in the amount of \$28,625, to support the District in moving forward with the next stage of project development for the recommended battery energy storage system (BESS) project. The scope of work includes developing project specifications and a request for proposals (RFP), circulating the RFP, analyzing the submitted proposals, negotiating vendor contract terms and assisting staff to prepare a recommendation for Board consideration.

GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Enhanced energy production and storage alternatives can reduce costs associated with the operation of District facilities.

Prepared by: Doug Anders, Administrative Services Coordinator

ATTACHMENTS:

TerraVerde Proposal



September 25, 2020

John Zhao
Director of Facilities & Operations
Las Virgenes Municipal Water District
4232 Las Virgenes Road
Calabasas, CA 91302

Re: Proposal for Professional Consulting Services – Battery Energy Storage Projects RFP Process and Vendor Contracts Negotiations

Dear John,

Per your request, TerraVerde is pleased to offer the following proposal for technical consulting services associated with the next stage of battery energy storage systems (BESS) project development for LVMWD and the Las Virgenes Triunfo Joint Powers Authority (JPA) (see Appendix A for the proposed projects/sites). Specifically, development of project specifications and RFP package, assistance with running the RFP process, proposal evaluations, vendor selection, contract negotiations, and SGIP application submittal process for proposed projects selected from the Group 1 and Group 2 projects identified in the recent feasibility assessment process (see Appendix A).

Scope of Consulting

The proposed scope of work includes:

- A. RFP package development and oversight of RFP process for LVMWD and the JPA
 1. Gather all data and documents relevant for inclusion in the RFP package.
 2. Create RFP: specifications, project(s) baseline calculations, instructions, forms, template contracts, SGIP rules compliance for system(s) design & sizing, incentive application submittal requirements.
 3. Review draft RFP package with District/JPA staff and with District's Legal Counsel as needed. Incorporate all required changes into the final draft package.
 4. Distribute the RFP package to qualified vendors.
 5. Run RFP process, respond to all respondent's questions, create/distribute addendums as applicable, and manage vendor communications.
 6. Evaluate proposals (qualitative & quantitative analysis and scoring process) and provide a summary report with conclusions to the District/JPA staff.
 7. Assist the District in conducting interviews as needed.
 8. Present proposal evaluation findings to the District/JPA staff (powerpoint presentation).
 9. Assist with vendor selection and communication to all RFP participants.
 10. Confirm vendor's projected savings calculations for all projects (or project portfolio) selected for further consideration (implementation plan).

- B. Contract(s) negotiations for selected projects
1. Assist District/JPA staff and District’s legal Counsel with EPC or 3rd party ownership contracts negotiation (including value engineering as applicable).
 2. Manage vendor communications during negotiations.
 3. Assist with Board presentation for contract(s) approval as needed.
 4. Assist with preparation of applicable Gov Code 4217 Resolution(s) and Exhibit A: Estimated Energy Savings Calculations.
- Note: Scope of work and estimated level of effort assume contract negotiations with a single vendor for multiple projects or groups of projects (i.e.: possible separate projects for LVMWD and JPA) to achieve economies of scale benefits for LVMWD and the JPA.
- C. Oversee SGIP applications submittal process for BESS projects, including tracking of status changes, timelines, and conditional reservations for incentives, and advise District/JPA staff.
1. Assist with negotiation and administration of MOU (Memo of Understanding) terms/conditions for battery systems Provider’s SGIP application submittal process as needed.
 2. Track SGIP budget funding availability & status and advise District/JPA staff.
 3. Oversee SGIP application submittals (by battery systems Provider) for all BESS projects.
 4. Track SGIP applications status and advise District staff.

Fee Proposal

The not to exceed (NTE) fixed fee price for the scope of work described above is based on TerraVerde’s level of effort estimate (and includes the ACWA member discount): **\$82,875.00**

Expenses associated with the project are estimated to be \$3,000. and will be billed separately at cost.

Billing will be based on achieving defined project milestones and deliverables as described below.

<u>Description of Billing Milestones & Deliverables</u>	<u>Phase/Task</u>	<u>% of Proposal</u>
Deliver draft RFP package for District’s review	Phs A, Task 2	15%
Release RFP package to market	Phs A, Task 4	25%
Deliver & present proposals evaluation findings report	Phs A, Task 8	25%
Initiate vendor contract negotiations	Phs B, Task 1	15%
Board approval of vendor contract	Phs B, Task 4	20%
Total:		100%

Note: Follow-on tasks associated with project development and implementation management services are not included in this proposal but are available upon request. These “owner’s rep” consulting services may include:

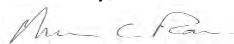
- A. Project development activities in support of implementation planning, and pre-design activities:
- Initial interconnection assessments

- review of site logistics (including entitlements and restrictions) and facilities rqmts with District staff and provide guidance to vendor(s) for equipment locations and proposed facilitation
 - Oversight of interconnection applications process (vendor prepares and submits IA's, TerraVerde reviews and approves prior to submittal)
- B. Project Management services in support of installation and commissioning:
- Manage communication with contractor(s), weekly project status meetings
 - Manage project schedule
 - Manage contractor(s) RFIs and Submittals
 - Manage compliance to technical specifications, work plans, and contract(s) terms
 - Oversee contractor pre-design activities and site preparations work
 - Oversee systems design/engineering review and approval process
 - Oversee SCE Interconnection(s) process
 - Manage construction process and equipment installations
 - Manage Cost Reimbursements as applicable
 - Oversee battery/microgrid programming
 - Oversee DAC and Monitoring system setup and operation
 - Oversee Utility signoff and issuance of PTO(s)
 - Oversee systems commissioning, testing, start-up and COD
 - Manage systems performance validation
 - Oversee project close-out process
 - Perform TOU rate optimization analysis
 - Perform updated projected savings analysis using as-built conditions
 - Oversee SGIP refund processing and initial incentive funding payout
- C. Post-commissioning Asset Management Services

As LVMWD and the JPA are aware, TerraVerde is the leading independent renewable energy and energy storage consulting firm focused exclusively on California public agencies and is highly experienced in providing the complex feasibility analysis and owner's rep services required to properly evaluate and implement solar energy and energy storage projects.

We trust the District/JPA will find our industry leading experience, analytical capabilities, knowledge of energy storage and microgrid systems, SCE rate tariffs, energy project management capabilities to be an excellent fit for the procurement phase of the District's/JPA's proposed battery energy storage projects. If you have any questions, please feel free to contact me.

Sincerely,



Kevin Ross, VP Business Development

TerraVerde Energy, LLC

520 E. Avenida Pico #3793

San Clemente, CA 92674-9998

949-212-6555 kevin@terraverde.energy

Appendix A: Proposed Projects

<u>Site Name</u>	<u>LVMWD</u>	<u>JPA</u>	<u>Project Group</u>	<u>Description</u>
Tapia TP		x	2	Standalone BESS
Recycled Water Remote PS		x	2	BESS integrated with existing 1MW solar PV
Composting Facility		x	1	NEM Solar PV + BESS
Warner Pump Station	x		2	Standalone BESS
Westlake PS	x		1	NEM Solar PV (no BESS)
Westlake FP	x		1	NEM-A acct for Westlake PS solar project
HQ Main Meter (Bldg 8)	x		1	NEM Solar PV + BESS
HQ Bldg 7	x		1	NEM-A acct for HQ Main Meter solar prj
HQ HVAC (Bldg 7)	x		1	NEM-A acct for HQ Main Meter solar prj
HQ Chiller (Bldg 8)	x		1	NEM-A acct for HQ Main Meter solar prj
RLV Farm	x		1	NEM-A acct for Composting Facility solar prj
Lift Station #1	x		2	Standalone BESS
Agoura Booster Station	x		2	Standalone BESS



October 6, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Engineering and External Affairs

Subject : U.S. Bureau of Reclamation WaterSMART Water and Energy Efficiency Grant

SUMMARY:

Established in 1902, the U.S. Bureau of Reclamation (BOR) is a contemporary water management agency providing initiatives and activities that serve to help the Western States, Native American Tribes and others meet new water needs and balance the multitude of competing uses of water in the West. The BOR's mission is to assist in meeting the increasing water demands of the West while protecting the environment and the public's investment in infrastructure that serves this purpose.

In June 2020, the BOR launched its WaterSMART Water and Energy Efficiency Grant Program for Fiscal Year 2020-21. Staff requests approval of a resolution authorizing submittal of a grant funding application, in the amount of \$500,000, for the LV Tap Advanced Metering Enhancement Program (AMR/AMI Project).

RECOMMENDATION(S):

Pass, approve and adopt proposed Resolution No. 2581, authorizing submittal of a grant funding application to the U.S. Bureau of Reclamation for a WaterSMART Water and Energy Efficiency Grant and execution of a grant funding agreement, if successful in the application process.

RESOLUTION NO. 2581

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT AUTHORIZING THE GENERAL MANAGER, OR DESIGNEE, TO APPLY FOR, RECEIVE FUNDS, ENTER INTO A COOPERATIVE AGREEMENT, AND ADMINISTER A GRANT FOR THE 2020 BUREAU OF RECLAMATION WATER AND ENERGY EFFICIENCY GRANT, IF SUCCESSFUL

(Reference is hereby made to Resolution No. 2581 on file in LVMWD's Resolution Book and by this reference the same is incorporated herein.)

FISCAL IMPACT:

Yes

ITEM BUDGETED:

Yes

FINANCIAL IMPACT:

The cost to prepare the U.S. Bureau of Reclamation WaterSMART Water and Energy Efficiency Grant application is estimated to be \$5,000. In August 2020, staff solicited proposals for on-call grant writing services and executed a professional services agreement with Sylvir Consulting. Sufficient funds for the work are available in the adopted Fiscal Year 2020-21 Budget.

DISCUSSION:

Managing water demands is an important strategy in meeting the challenges of climate change and new state mandates for water use efficiency and loss. Incentive programs and various types of projects are among the tools water utilities employ to manage water supplies and motivate customers to take actions to reduce their water use.

The U.S. Bureau of Reclamation (BOR) recently solicited applications for its 2020 WaterSMART Water and Energy Efficiency Grant Program. The primary goals of the program are to help conserve water and reduce electrical demands in an effort to protect and improve the natural environment. After consulting with a grant expert, it was determined that the LV Tap Advanced Metering Enhancement Program (AMR/AMI Project) had the best chance of qualifying for grant funds under this Program.

Due to time constraints, an application was prepared and submitted by staff to BOR on September 17, 2020, but a formal action is required by the Board, including adoption of a resolution, within 30 days to complete the application process. Proposed Resolution No. 2581 contains the language required by BOR. The application is for a Tier 1 Project, which consists of replacing 19,469 meters over a 24-month period. If an award is approved for the project, the maximum grant amount would be \$500,000. The project is estimated to annually save 1,113 acre-feet of water and 4,574,413 kWh of electricity.

The new advanced meters will provide multiple benefits including leak detection and implementation of software that will allow customers to better gauge their water use and minimize water loss. The project will allow the District to bolster demand side management and improve water use efficiency, which is anticipated to conserve as much as 7 percent, as well as reducing electricity usage.

The recommended actions in the proposed resolution consist of authorizing and directing the General Manager, or his designee, to prepare and submit a grant funding application and execute a grant funding agreement, if successful. By including these actions in the proposed resolution, all of the required steps to receive the grant funding will have been completed.

GOALS:

Provide Excellent Service That Exceeds Customer Expectations

Prepared by: Craig Jones, Management Analyst II

ATTACHMENTS:

Proposed Resolution No. 2581

RESOLUTION NO. 2581

A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT AUTHORIZING THE GENERAL MANAGER, OR DESIGNEE, TO APPLY FOR, RECEIVE FUNDS, ENTER INTO A COOPERATIVE AGREEMENT, AND ADMINISTER A GRANT FOR THE 2020 BUREAU OF RECLAMATION WATER AND ENERGY EFFICIENCY GRANT

WHEREAS, the United States Department of the Interior, Bureau of Reclamation (BOR) WaterSMART Program is authorized under Section 9504 (a) of the Secure Water Act, Subtitle F of Title IX of Omnibus Public Lands Management Act of 2009, Public Law 111-11 (42 United States Code 10364); and,

WHEREAS, Las Virgenes Municipal Water District currently provides water to approximately 22,000 customers within its jurisdiction. The District's Advanced Meter Enhancement Project supports BOR's objectives to leverage local funds and resources to conserve and use water more efficiently, reduce energy use, and increase water supply reliability.

WHEREAS, applicants for grant funding from the 2020-21 BOR WaterSMART Grant Program are required to adopt a Resolution pursuant to provisions of the grant application and cooperative agreement; and,

WHEREAS, one application was submitted for a Tier 1 Project on September 17, 2020 that replaces approximately 19,469 traditional manually-read water meters with Advanced Meters over a 24- month period; and,

WHEREAS, this Resolution will take effect immediately upon adoption.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of Las Virgenes Municipal Water District hereby:

1. Authorize and direct the General Manager or his designee to prepare and submit a grant funding application for the WaterSMART: Water and Energy Efficiency Grants for FY 2020 and 2021, FOA: BOR –DO-F001
2. Authorize and direct the General Manager or his designee to execute a grant funding agreement on behalf of the Las Virgenes Municipal Water District if successful in the application process.

PASSED, APPROVED, AND ADOPTED on the 6th day of October 2020, by the following vote:

AYES: Director(s):

NOES: Director(s)

ABSTAIN: Director(s)

Jay Lewitt, President

ATTEST:

Charles Caspary, Secretary

APPROVED AS TO FORM:

Keith Lemieux, District Counsel

(SEAL)

INFORMATION ONLY



October 6, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

Subject : Management of Water Quality at the Las Virgenes Reservoir

SUMMARY:

On August 8, 2020, Director Lynda Lo-Hill requested a future agenda item for information related to the management of water quality at Las Virgenes Reservoir. Given the role of Las Virgenes Reservoir for the Pure Water Project Las Virgenes-Triunfo and based on a suggestion by Director Lo-Hill, a similar information item was brought to the JPA Board.

Las Virgenes Reservoir was constructed in 1972 and has a capacity of 9,600 acre-feet to provide an emergency supply of water to the region for up to six months. Water supplies stored in the reservoir also allow the District to reduce peak demands, and the associated charges, on Metropolitan Water District of Southern California (MWD). Currently, imported water from MWD is purchased to replenish the stored water that is used every year. The District has numerous water quality monitoring and management programs to maintain and safeguard the quality of water in the reservoir.

Following is a summary of the major programs:

1. Daily monitoring and recording of environmental conditions, such as air and water temperatures, rainfall, wind speed and water elevations;
2. Weekly and monthly sampling and monitoring of water quality data such as coliform, turbidity, dissolved oxygen and water temperatures at 5-foot intervals;
3. Continuous aeration of the reservoir;
4. Periodic study and survey of invasive species such as quagga mussels and screw snails (*Melanoides tuberculata*);
5. Sanitary survey of the tributary areas surrounding Las Virgenes Reservoir every five years; and
6. Monitoring and control of algal blooms, when needed.

FISCAL IMPACT:

No

ITEM BUDGETED:

No

DISCUSSION:

1. Daily Monitoring and Recording of Environmental Conditions:

Daily recording of environmental conditions such as rainfall amounts, ambient temperatures and weather conditions provide background information for reservoir water quality management. Rainfall information provides estimated runoff from the tributary area surrounding the reservoir. Large amounts of runoff can wash organic materials into the reservoir. With persistent daily high temperatures and ample sunshine, the combined environmental conditions can also present a high risk of algal blooms in the reservoir.

2. Weekly and Monthly Sampling and Monitoring of Water Quality Data:

Tapia's environmental lab provides weekly (when the Westlake Filtration Plant is online) and monthly (when the plant is offline) reservoir water quality sampling and lab analyses for dissolved oxygen (DO), turbidity and coliform. Staff also collects a temperature profile of the reservoir's water column at 5-foot intervals. In addition, staff uses a Secchi disk to measure the clarity of the water by depth to serve as an indication of the amount of algae growth. These parameters and their associated trends provide a good summary of the waterbody's overall physical health.

During warmer summer months, environmental conditions can reduce DO in the water near the bottom sediments. A lack of rainfall with stagnant water, increased algae growth, deterioration of organic matter as the water warms up and low wind conditions, can all contribute to depletion of DO levels. If reservoir water becomes stratified as a function of temperature, the bottom layer of water can become very low in DO. This leads to the development of anaerobic conditions in the deeper portions of the reservoir adjacent to bottom sediments. Under these conditions, iron and manganese are converted from oxide forms that are insoluble through bacterial action to ionic forms, which are very soluble and can leach out of the sediments. High concentrations of iron and manganese can cause significant color and staining problems. The conditions can also impair the use of the water because the metals precipitate upon re-aeration during the water treatment process and clog the diatomaceous earth filters at the Westlake Filtration Plant.

3. Continuous Aeration of the Reservoir:

To prevent the development of anaerobic conditions in the deeper portions of the water body through stratification as a function of temperature and prevent leaching of iron and manganese into the water body, continuous aeration around the intake structure provides the necessary oxygen to increase the DO levels and precipitate any dissolved iron and manganese before the treatment process at the Westlake Filtration Plant.

4. Periodic Study and Survey of Invasive Species

In 2011, during the heightened state of quagga mussels threat for the water industry, staff noticed the presence of 1.5-inch-long snails in the reservoir. Staff biologist, Veronica Hurtado, identified them as screw snails (*Melanoides tuberculata*), which are an invasive species. Fortunately, the screw snails are limited by water depth and temperature and are not affecting public health or negatively impacting the District's water treatment equipment.

5. Sanitary Survey of the Tributary Areas to the Las Virgenes Reservoir:

The SWRCB Division of Drinking Water requires a sanitary survey of tributary areas surrounding the reservoir once every five years. The objective of the survey or inspection is to identify and mitigate all issues that could negatively impact the water quality in the reservoir, such as the remains of dead animals, illegal camp sites or illegal dumping that could be the source of pollution. Weekly and monthly coliform sampling is another way to discover any sanitary or bacteria issues in the water body.

6. Monitoring and Control of Algal Blooms:

Algae growth in the reservoir is a function of nutrients, minerals, the temperature of the water and the amount of sunlight that penetrates the water column. Every year, there are various degrees of algal growth in the reservoir. The algae, if not controlled, can produce taste and odor issues that remain even after the water treatment process. Algae can also quickly clog the diatomaceous filters and significantly shorten filter runs. Fortunately, the optimal natural conditions for algal growth during the water summer months usually last for only a few weeks. The algae largely disappears once temperatures decrease or when there is less sunshine towards late summer. Occasionally, staff has apply copper sulfate to the reservoir to control algal growth and support the operation of the Westlake Filtration Plant during an algal bloom.

Future Considerations:

The monitoring programs will need to be reviewed and adjusted in the future when purified water from the Pure Water Project Las Virgenes-Triunfo is introduced into Las Virgenes Reservoir. The general expectation is that the superior quality of purified water will support an overall improvement to water quality in the reservoir. The purified water will have approximately half the level of total dissolved solids (TDS) as compared to MWD supplies and will contain almost no nutrients. The installation of an enhanced mixing system would further improve the reservoir water quality by reducing stagnation, increasing dissolved oxygen levels and preventing stratification of the water body.

GOALS:

Provide Safe and Quality Water with Reliable Services

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