



Dedicated to Providing High-Quality Water Service in a Cost-Effective and Environmentally Sensitive Manner

OFFICERS

President

**Jay Lewitt**

Director, Division 5

Vice President

**Leonard E. Polan**

Director, Division 4

Secretary

**Charles P. Caspary**

Director, Division 1

Treasurer

**Lynda Lo-Hill**

Director, Division 2

**Lee Renger**

Director, Division 3

**David W. Pedersen, P. E.**

General Manager

**W. Keith Lemieux**

Counsel

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

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

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

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

www.LVMWD.com

MEMBER AGENCY OF THE  
METROPOLITAN WATER  
DISTRICT  
OF SOUTHERN CALIFORNIA

**Glen D. Peterson**  
MWD Representative

Call and Notice of Special Meeting of the Board of Directors of Las Virgenes Municipal Water District

A Special Meeting of the Board of Directors of Las Virgenes Municipal Water District is hereby called and notice of said Special Meeting is hereby given for **5:00 p.m. on Tuesday, March 3, 2020**, at Las Virgenes Municipal Water District, 4232 Las Virgenes Road, Calabasas, California 91302 to consider the following:

1. Call to Order and Roll Call
2. Special Meeting of March 3, 2020 (Agenda attached)
3. Adjournment

By Order of the Board of Directors  
JAY LEWITT, President

David W. Pedersen, P.E.  
Deputy Secretary of the Board

c: Each Director

Dated: February 26, 2020



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

**AGENDA**  
**SPECIAL 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.

---

5:00 PM

March 3, 2020

**PLEDGE OF ALLEGIANCE**

- 1 **CALL TO ORDER AND ROLL CALL**
- 2 **APPROVAL OF AGENDA**

3 **PUBLIC COMMENTS**

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

4 **CONSENT CALENDAR**

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

A **List of Demands: March 3, 2020 (Pg. 6)**

Receive and File

B **Minutes: Regular Meeting of February 18, 2019 (Pg. 30)**

Approve

C **Monthly Cash and Investment Report: January 2020 (Pg. 38)**

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

D **Annual Supply and Delivery of Ferric Chloride: Renewal (Pg. 50)**

Authorize the General Manager to issue a one-year purchase order to Miles Chemical Company, in the amount of \$101,825.30, with two one-year renewal options for the supply and delivery of ferric chloride.

E **Attendance at MWD Board and Committee Meetings: Code Change (Pg. 52)**

Pass, approve and adopt proposed Resolution No. 2570, authorizing payment for attendance at up to three Board and/or Committee meetings monthly of the Metropolitan Water District of Southern California (MWD) by any Board Member not serving as the MWD Representative.

**RESOLUTION NO. 2570**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT AMENDING RESOLUTION 2468 (ADMINISTRATIVE CODE) AS IT RELATES TO DIRECTORS' COMPENSATION**

(Reference is hereby made to Resolution No. 2570 on file in the District's Resolution Book and by this reference the same is incorporated herein.)

F **Communication Site Lease Agreement at Cordillera Tank: Amendment (Pg. 57)**

Authorize the General Manager to execute an amendment to Communication Site Lease Agreement with AT&T, Inc., for its wireless facility at Cordillera Tank.

G **Jim Bridger Road and Long Valley Road Pipeline Replacements: Approval of Scope Change (Pg. 79)**

Authorize the General Manager to execute Scope Change No. 2 to CannonCorp Engineering Consultants, in the amount of \$5,798, for the Jim Bridger Pipeline Replacement Project (Phase 2), and appropriate an additional \$11,596 to replace the existing, deteriorated pipeline along Long Valley Road, from Lasher Road to Hilltop Road.

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

- A **Las Virgenes Unified School District Annual Grant Report**
- B **Update on Willow Incident adjacent to District Headquarters**
- C **Legislative and Regulatory Updates (Pg. 83)**
- D **Water Supply Conditions Update (Pg. 130)**

6 **TREASURER**

7 **FACILITIES AND OPERATIONS**

8 **FINANCE AND ADMINISTRATION**

A **Proposed Districtwide Organizational Changes (Pg. 132)**

Reclassify a Customer Service Programs Supervisor (M87) position to a Management Analyst I/II (M63/M77) position, reclassify a Field Customer Service Representative I/II (Range 32) position to a Backflow Inspector (Range 59) position, reclassify an Electrician/Instrumentation Technician I/II (Range 51/66) position to an Electrician (Range 41) position and retitle a Computer Support Specialist (Range 52) position to a Technology Support Specialist (Range 52) position; and authorize the inclusion of the following organizational changes in the proposed Fiscal Year 2020-22 Two-Year Budget Plan: addition of a 12-month limited-term Customer Service Representative (Range 33) position, reclassification of a Chief Water Treatment Plant Operator (Range 77) position to a Water Treatment Supervisor (Range 87) position, reclassification of a Water Treatment Plant Operator III (Range 64) position to a Senior Water Treatment Plant Operator (Range 70) position, addition of two student Intern positions, reclassification of a Systems Analyst (M88) position to a Principal Technology Analyst (M98) position, addition of a Network and Security Technician (Range 52) position and retitling of a SCADA Analyst (M85) position to a Network and SCADA Analyst (M85) position.

B **Claim by Charter Spectrum (Pg. 141)**

Approve the claim by Charter Spectrum, in the amount of \$27,543.28, for damages to its facility in the 5000 block of Fairview Place in the City of Agoura Hills.

9 **ENGINEERING AND EXTERNAL AFFAIRS**

A **Westlake Filter Plant and Torchwood Tank Landscaping Project: Construction Award (Pg. 152)**

Award a construction contract to FS Contractors, Inc., in the amount of \$187,860, and reject all remaining bids upon receipt of duly executed contract

documents for the Westlake Filter Plant and Torchwood Tank Landscaping Project; and appropriate an additional \$15,072 to CIP No. 10642, Westlake Filter Plant Landscape Plan Project (Pre-Woolsey Fire).

10 **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**

11 **FUTURE AGENDA ITEMS**

12 **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

13 **CLOSED SESSION**

14 **OPEN SESSION AND ADJOURNMENT**

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

LAS VIRGENES MUNICIPAL WATER DISTRICT

To: LYNDA LO-HILL, TREASURER

Payments for Board Meeting of : March 3, 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. 84292 through 84420 were issued less voids/stop payments in the total amount of \$ 1,471,266.27

**Payments through wire transfers as follows:**

Sub-Total Wires	\$ -
Total Payments	\$ 1,471,266.27

(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  
03/03/20**

Company Name	Company No.	Check No.	Check No.	Total
		84292 thru 84349 02/18/20	84350 thru 84420 02/25/20	
		Amount	Amount	
Potable Water Operations	101	87,057.02	191,595.87	278,652.89
Recycled Water Operations	102			-
Sanitation Operations	130	2,925.00	12,493.32	15,418.32
Potable Water Construction	201		1,506.00	1,506.00
Water Conservation Construction	203			-
Sani- Construction	230			-
Potable Water Replacement	301	26,604.93	11,987.93	38,592.86
Reclaimed Water Replace	302			-
Sanitation Replacement	330		22,463.72	22,463.72
Internal Service	701	73,525.46	85,353.49	158,878.95
JPA Operations	751	40,664.99	118,937.46	159,602.45
JPA Construction	752			-
JPA Replacement	754	789,697.07	7,731.46	797,428.53
<b>Total Printed</b>		<b>1,020,474.47</b>	<b>452,069.25</b>	<b>1,472,543.72</b>

**Voided Checks/payment stopped:**

Check #81615	101	(194.68)		(194.68)
Check #81771	101	(279.78)		(279.78)
Check #83441	101	(681.44)		(681.44)
Check #81781	101	(102.06)		(102.06)
Check #82030	701	(19.49)		(19.49)
<b>Total Voids</b>		<b>(1,277.45)</b>		<b>(1,277.45)</b>
<b>Net Total</b>		<b>1,019,197.02</b>	<b>452,069.25</b>	<b>1,471,266.27</b>

Batch Number - 278046

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Amount	Invoice Number
84292	02/18/20	2317	ACORN NEWSPAPER	LGLAD-ORD 282	PV	168597	001 00701	48.00	M-0888
				Payment Amount				48.00	
84293	02/18/20	8680	ADS, LLC	JAN'20 FLOW MNTG	PV	168528	001 00701	745.00	22085.22-0120
				JAN'20 FLOW MNTG	PV	168528	002 00701	2,235.00	22085.22-0120
				Payment Amount				2,960.00	
84294	02/18/20	8560	ADVANCED UTILITY SYSTEMS	CIS V4 UPGD-MILESTON E 889	PV	168623	001 00701	18,637.50	XT00156009
				Payment Amount				18,637.50	
84295	02/18/20	3077	AIRGAS USA, LLC	GLOVES	PV	168530	001 00701	1,480.44	9097226243
			Alt Payee						
			6658 AIRGAS USA, LLC P. O. BOX 102289 PASADENA CA 91189-2289						
				Payment Amount				1,480.44	
84296	02/18/20	19993	ALEXANDER'S CONTRACT SERVICES, INC.	MTR READS 12/23/19-1/24 /20	PV	168525	001 00701	19,569.30	102585
				Payment Amount				19,569.30	
84297	02/18/20	21135	AMERICAN BUSINESS BANK	RTN#2 PURE WTR DEMO RTN#1 PURE WTR DEMO RTN#3 PURE WTR DEMO RTN#4 PURE WTR DEMO RTN#5 PURE WTR DEMO	PV	168576	001 00754	10,101.25	10638/RTN#2
				Payment Amount				10,101.25	
				WTR DEMO	PV	168577	001 00754	4,238.75	10638/RTN#1
				WTR DEMO	PV	168578	001 00754	22,010.38	10638/RTN#3
				WTR DEMO	PV	168579	001 00754	15,291.13	10638/RTN#4
				WTR DEMO	PV	168580	001 00754	29,327.00	10638/RTN#5
				Payment Amount				80,968.51	
84298	02/18/20	15997	AMERICAN TELEBROKERS	CONF PHONE-ROOM D	PV	168598	001 00701	258.98	144107
				Payment Amount				258.98	
84299	02/18/20	5625	ASSOC. OF WATER AGENCIES OF	'20 WTR SYMPOSIUM SPNSR	PV	168595	001 00701	1,000.00	06-12347
				Payment Amount				1,000.00	



Batch Number - 278046

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Lim Co	Amount	Invoice Number
VENTURA CO									
84300	02/18/20	7770	AUTOMATIONDIR ECT.COM	Payment Amount XMITTERS & DISPLAYS	PV	168539	001 00101	1,975.38	10672129
84301	02/18/20	21381	URSULA BOSSON	Payment Amount MLG-HEARING @ COURT 12/19	PV	168584	001 00701	32.89	121919
84302	02/18/20	15635	BRENTAG PACIFIC, INC.	Payment Amount 19,750 LBS BICARBONATE	PV	168534	001 00701	5,730.96	BPI20012
84303	02/18/20	21426	BRIGHTVIEW LANDSCAPE SERVICES, INC	Payment Amount LNDSCP SRV-JAN'20	PV	168529	001 00701	3,149.67	6658375
				LNDSCP SRV-JAN'20	PV	168529	002 00701	5,473.08	6658375
				LNDSCP SRV-JAN'20	PV	168529	004 00701	4,482.67	6658375
				LNDSCP SRV-JAN'20	PV	168529	006 00701	1,090.00	6658375
				LNDSCP SRV-DEC'19	PV	168557	001 00701	3,149.67	20365373
				LNDSCP SRV-DEC'19	PV	168557	002 00701	5,473.08	20365373
				LNDSCP SRV-DEC'19	PV	168557	004 00701	4,482.67	20365373
				LNDSCP SRV-DEC'19	PV	168557	006 00701	1,090.00	20365373
84304	02/18/20	2964	CA DEPARTMENT OF TAX&FEE ADMINISTRATIO N	Payment Amount SALES/USE TAX-JAN'20	PV	168592	001 00701	3,158.00	097-817885/01 3120
84305	02/18/20	20872	CANDU GRAPHICS	Payment Amount DOC DUP-TWRP H/WRK REHAB	PV	168536	001 00701	270.83	79518
				DOC DUP-TWRP H/WRK REHAB	PV	168537	001 00701	1,109.49	79264
84306	02/18/20	2605	DELTA PACIFIC INDUSTRIES	Payment Amount CITRUS SOLVENT	PV	168605	001 00701	494.72	5448

Las Virgenes Municipal Water  
 A/P Auto Payment Register

Batch Number - 278046  
 Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Amount	Invoice Number
Number	Date	Number	Name	Message		Number	Co	Amount	Number
84307	02/18/20	20685	DOCUMENT SYSTEMS INC	WINDSHIELD	PV	168650	001 00701	499.97	5443
				WSHR FLUID					
				Payment Amount				994.69	
				12/24--1/23					
				CANON MNT CS					122512
				Payment Amount				97.07	
84308	02/18/20	18111	ELECSYS INTERNATIONAL CORPORATION	JAN'20 MTR	PV	168629	001 00701	310.00	SIP-E111064
				DVC MAINT					
				Payment Amount				310.00	
84309	02/18/20	20974	ELITE SHEET METAL & RAIN GUTTER COMPANY	RAIN GUTTER	PV	168602	001 00751	756.00	303205
				INSTALL 2/5					
				Payment Amount				1,020.00	
84310	02/18/20	21430	ENVIRONMENTAL CHEMICAL CORPORATION	RFND	PV	168623	001 00101	681.44	077062
				BAL-CLOSED A/C					
				Payment Amount				1,776.00	
84311	02/18/20	2654	FAMCON PIPE	WASHERS & GASKETS	PV	168531	001 00701	1,878.14	S100020696.00
				METER PARTS					1
				Payment Amount				681.44	
				1/20 COFFEE					
				SRV-HQ					
				1/20 COFFEE					
				SRV-OPS					
				1/20 COFFEE					
				SRV-RLV					
				1/20 COFFEE					
				SRV-TAPIA					
				Payment Amount				14,931.24	
84312	02/18/20	19397	FIRST CHOICE SERVICES	ONLN	PV	168616	001 00701	34.53	368576
				DIRMBRSH					
				3/20--3/21					
				Payment Amount				38.40	
84313	02/18/20	3810	GREATER CONEJO VALLEY CHAMBER OF COMMERC	ONLN	PV	168596	001 00701	545.00	247636
				JAN'20					
				Payment Amount				192.68	
84314	02/18/20	19548	GRM	JAN'20	PV	168620	001 00701	118.64	0397841
				Payment Amount				545.00	

Batch Number - 278046  
 Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item	Co	Amount	Invoice Number
			INFORMATION	RECORDS						
			MANAGEMENT	STORAGE						
			SERVICES-CA	JAN'20	PV	168621	001	00701	310.92	0397842
				RECORDS						
				STORAGE						
				Payment Amount					429.56	
84315	02/18/20	20168	JOSEPHINE	MLG-MMCA/COB	PV	168625	001	00701	351.90	020720
			GUZMAN	ACDMY 2/5--7					351.90	
				Payment Amount					5,497.43	190195
84316	02/18/20	7421	HAMNER,	P/E 1/15	PV	168635	001	00701	5,497.43	190195
			JEWELL AND	EMGCY GNRTRS						
			ASSOCIATES	Payment Amount					5,497.43	
84317	02/18/20	4525	HARRINGTON	GASKETS	PV	168599	001	00751	130.42	005C7836
			INDUSTRIAL	CHEM PIPE						
			PLASTICS INC.	FITTINGS						
			Alt Payee	HARRINGTON INDUSTRIAL PLASTICS LLC	PV	168600	001	00751	1,352.12	005C7962
				P. O. BOX 5128						
				CHINO CA 91708-5128						
				Payment Amount					1,482.54	
84318	02/18/20	20856	INTERNATIONAL	ART CONTEST	PV	168540	001	00701	1,429.63	22291
			PRINTING &	PAPER						
			TYPESETTING	"NO ACCESS"						
			INC	BANNERS						
				Payment Amount					1,078.58	22308
84319	02/18/20	19054	L. NEWMAN	LNDSCP ARC	PV	168638	001	00701	2,470.00	129533
			DESIGN GROUP,	SRV-TRCHWD						
			INC.	TNK						
				Payment Amount					2,470.00	
84320	02/18/20	3352	LAS VIRGENES	WLK FLT	PV	168558	001	00101	149.25	0907/010120
			MUNICIPAL	11/26--12/2719						
			WATER	WLK FLT						
			DISTRICT	12/27/19--1/31						
				WLK FLT					171.80	0907/020520

Batch Number - 278046  
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document . . .	Key	Amount	Invoice Number
Number	Date	Number				Number	itm Co		Number
				/20					
				WLK FLT 11/26-12/27/19	PV	168560	001 00101	290.15	0909/010120
				9					
				WLK FLT 12/27/19-1/31	PV	168561	001 00101	318.48	0909/020520
				/20					
				EQS TNK 12/24/19-1/28	PV	168562	001 00101	79.09	0896/020520
				/20					
				RWFS 12/19/19-1/28	PV	168563	001 00701	203.93	2645/020520
				/20					
				BD#8/RECL 12/19/19-1/28	PV	168564	001 00701	235.98	2646/020520
				/20					
				BD#8/RW 12/19/19-1/28	PV	168565	001 00701	190.16	2652/020520
				/20					
				BD#7/RW 12/19/19-1/28	PV	168566	001 00701	242.68	2655/020520
				/20					
				IND HILLS 12/20/19-1/29	PV	168567	001 00751	33.72	0558/020520
				/20					
				MORRSN P/S 12/20/19-1/29	PV	168568	001 00751	33.72	0331/020520
				/20					
				PaymentAmount					
84321	02/18/20	15036	JESSICA LOZA	EXP-C/S	PV	168582	001 00701	74.60	012720
				TRAINING					
				1/27/20					
				PaymentAmount					
84322	02/18/20	14322	MILES CHEMICAL COMPANY, INC	8.47 TN FERRIC CHLOR	PV	168535	001 00701	5,165.98	583621
				PaymentAmount					
84323	02/18/20	5736	MISCO WATER	HOSE & OIL	PV	168601	001 00751	806.13	14503SW
				PaymentAmount					
84324	02/18/20	8806	MISSION PAVING &	RFND BAL-CLOSED	PV	168586	001 00101	433.78	076244

Batch Number - 278046  
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document . . .	Key	Amount	Invoice Number
Number	Date	Number	Name	Message	Ty	Co	Amount	Number
84325	02/18/20	21406	MICHELLE MORRISON	MEAL-C/S SMNR	PV	001 00701	12.33	012820
				1/28/20				
84326	02/18/20	16529	MUNITEMPS-MUN ICIPAL STAFFING SOLUTIONS	TEMP SRV	PV	001 00701	1,400.00	129616-REV
				11/25--12/22				
				TEMP SRV	PV	001 00701	5,635.00	129616-REV
				11/25--12/22				
				TEMP SRV	PV	001 00701	2,240.00	129598-REV
				11/25--12/18				
				TEMP SRV	PV	001 00701	2,135.00	129662
				1/20--2/2-FA				
84327	02/18/20	2302	OFFICE DEPOT	MAGNETIC STRIPS	PV	001 00701	43.79	431734801001
				11,410.00				
				PAPER/MISC	PV	001 00701	355.05	431724598001
				OFFICE SUPPLY				
				PAPER	PV	001 00701	248.01	431734800001
				MAGAZINE FILE	PV	001 00701	15.21	431724598002
				SIGN-F.	PV	001 00701	26.26	431734802001
				GONZALEZ				
				TONER/FOLDERS	PV	001 00701	241.45	435105163001
				/LABELS				
				LGL FILE	PV	001 00701	418.18	435107014001
				FOLDERS				
84328	02/18/20	18874	PACIFIC HYDROTECH CORPORATION	RTN#3-PWP	PD	001 00754	22,010.38	10638/RTN#3
				1,347.95				
				DEMO CONST				
				PMT#3-PWP	PV	001 00701	440,207.55	10638/PMT#3
				DEMO CONST				
				PMT#4-PWP	PV	001 00701	305,822.52	10638/PMT#4
				DEMO CONST				
				RTN#4-PWP	PD	001 00754	15,291.13	10638/RTN#4
				DEMO CONST				
84329	02/18/20	18821	LEONARD POLAN	MLG-WTRWS	PV	001 00701	28.29	011620
				708,728.56				
				BKFST 1/16/20				

Batch Number - 278046

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item Co	Amount	Invoice Number
84330	02/18/20	8484	PRAXAIR DISTRIBUTION, INC	CYLNDR RENT 12/20/19-1/20 /20	PV	168538	001 00101	203.67	94381409
			All Payee	PRAXAIR DISTRIBUTION INC. DEPT. LA 21511 PASADENA CA 91185-1511				28.29	
84331	02/18/20	3809	PROGRESSIVE BUSINESS PUBLICATIONS	RNWL SFTY COMPLALERT	PV	168593	001 00701	299.00	06917935
84332	02/18/20	21248	KYMBERLI REY	RFND BAL-CLOSED A/C	PV	163222	001 00101	194.68	072717
84333	02/18/20	17326	RINCON CONSULTANTS, INC.	ANL TREE MNTRG 19-20	PV	168634	001 00701	3,828.00	18912
84334	02/18/20	19293	RISK MANAGEMENT PROFESSIONALS, INC.	CALARP HAZ ASSESS	PV	168637	001 00701	1,681.25	171359
84335	02/18/20	20779	SAND MATERIALS & AGGREGATE SALES, INC	24.54 TN FILL SAND	PV	168628	001 00701	498.63	72196
84336	02/18/20	21499	GREGORY SARKSIAN	RFND BAL-CLOSED A/C	PV	168587	001 00101	26.16	074026
84337	02/18/20	15554	LORIA. SCHUR	RFND BAL-CLOSED A/C	PV	163580	001 00101	279.78	050609
84338	02/18/20	19265	AMANDA SMITH	MLG-SPVSR TRNG 1/14/20	PV	168590	001 00701	36.34	011420

Batch Number - 278046  
Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key ltr	Key Co	Amount	Invoice Number
84339	02/18/20	2958	SOUTHERN CALIFORNIA GAS CO	MLG-C/S SMNR 1/28/20 Payment Amount JBR P/S 1/3-1/31	PV	168591	001	00701	21.64	012820
									57.98	
									15.02	1200/020420
				TAPIA 1/6-2/4	PV	168570	001	00751	1,507.90	4000/020720
				CORNELL 1/6-2/4	PV	168571	001	00101	15.50	0400/020620
				HQ & OPS 1/6-2/4	PV	168572	001	00701	2,698.39	3600/020620
				RANCHO 1/6-2/4	PV	168573	001	00751	271.79	4200/020620
				WLK P/S 1/1-2/1/20	PV	168574	001	00101	15.29	9400/020120
				Payment Amount					4,523.89	
84340	02/18/20	2969	STATE WATER RESOURCES CONTROL BOARD	WTR SYS 1910225 FY19-20 Payment Amount	PV	168594	001	00101	52,048.98	LW-1024418
84341	02/18/20	14479	STEPHEN'S VIDEO PRODUCTIONS	VIDEO SRV JPA MTG-JAN'20 Payment Amount	PV	168526	001	00701	500.00	1-29-20
				VIEDO SRV LV MTG-JAN'20 Payment Amount	PV	168527	001	00701	500.00	1-30-20
84342	02/18/20	12149	THATCHER CO. OF CALIFORNIA	3,949 GAL BISULFITE Payment Amount	PV	168533	001	00701	5,804.35	272317
84343	02/18/20	20971	THOUSAND OAKS PLUMBING INC.	CLEAR DRAIN-TAPIA Payment Amount	PV	168606	001	00751	495.00	20652647
84344	02/18/20	3006	UNDERGROUND SERVICE ALERT	253 TICKETS-JAN'20 0 Payment Amount	PV	168607	001	00101	427.45	120200417
				DIG SAFE PERMIT FEE Payment Amount	PV	168608	001	00101	372.91	DBS20190313
84345	02/18/20	3011	UNITED SPECIALTIES	DEGREASERS Payment Amount	PV	168551	001	00701	1,093.96	84469
				Payment Amount					1,093.96	

Batch Number - 278046

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key Ltm	Key Co	Amount	Invoice Number
84346	02/18/20	21500	JOE WALLACE	RFND BAL-CLOSED A/C	PV	168585	001	00101	627.55	071568
84347	02/18/20	18914	WECK LABORATORIES, INC.	Payment Amount DIONIZED WTR-9H14085	PV	168626	001	00701	26.52	W9H1418-LV
84348	02/18/20	12145	WESTLAKE WELLBEING PROPERTIES, LLC	SINGLE CMPOUND-91030 93 Payment Amount RFND BAL-OPEN A/C	PV	168627	001	00701	47.74	W910296-LV
84349	02/18/20	3067	XEROX CORPORATION	RFND BAL-OPEN A/C Payment Amount 12/19 LEASE-HQ & TAPIA 12/19 LEASE-HQ & TAPIA 12/19 LEASE-HQ & TAPIA 12/19 LEASE-HQ & TAPIA 12/19 LEASE-HQ & TAPIA 12/19 LEASE-HQ & TAPIA 12/19 LEASE-HQ & TAPIA 12/19 LEASE-HQ & TAPIA 12/19 LEASE-HQ & TAPIA 12/19 LEASE-HQ & TAPIA 12/19 LEASE-HQ & TAPIA 12/19 LEASE-HQ & TAPIA 12/19 LEASE-HQ & TAPIA	PV	168589	001	00101	14,485.90	1004370
									16,155.81	
									74.26	
									1,669.91	1004365
									449.68	702367774
									36.56	702367774
									46.19	702367774
									92.07	702367774
									568.98	702367774
									46.26	702367774
									58.45	702367774
									.57	702367774



Batch Number - 278046  
Bank Account - 00146807 Cash-General

Payment Number	Date	Address Number	Name	Payment Stub Message	Ty	Document . . .	Key	Co	Amount	Invoice Number
Number						Number	Item			
				TAPIA						
	12/19			LEASE-HQ &	PV	168542	009	00701	165.04	702367774
				TAPIA						
	12/19			LEASE-HQ &	PV	168542	010	00701	28.96	702367774
				TAPIA						
	12/19			LEASE-HQ &	PV	168542	011	00701	18.41	702367774
				TAPIA						
	12/19			LEASE-HQ &	PV	168542	012	00701	8.70	702367774
				TAPIA						
	12/19			LEASE-HQ &	PV	168542	013	00701	601.52	702367774
				TAPIA						
	12/19			LEASE-HQ &	PV	168542	014	00701	48.91	702367774
				TAPIA						
	12/19			LEASE-HQ &	PV	168542	015	00701	61.79	702367774
				TAPIA						
	12/19			LEASE-HQ &	PV	168542	016	00701	380.30	702367774
				TAPIA						
	12/19			LEASE-HQ &	PV	168542	017	00701	127.63	702367774
				TAPIA						
	12/19			LEASE-HQ &	PV	168542	018	00701	10.38	702367774
				TAPIA						
	12/19			LEASE-HQ &	PV	168542	019	00701	13.12	702367774
				TAPIA						
	LEASE-1/20				PV	168556	001	00701	182.18	099415910
	5946-OPS									
	Payment Amount								2,945.70	
	Total Amount of Payments Written								1,020,474.47	
	Total Number of Payments Written								58	

Batch Number - 278238

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key ltr Co	Amount	Invoice Number
84350	02/25/20	3077	AIRGAS USA, LLC	GLOVES	PV	168669	001 00701	160.97	9097800470
		Alt Payee	AIRGAS USA, LLC 6658 AIRGAS USA, LLC P. O. BOX 102289 PASADENA CA 91189-2289						
84351	02/25/20	21369	AMERICAN ENVIRONMENTAL GROUP, INC.	ASBESTOS RMVL-TAPIA	PV	168724	001 00751	650.00	71342
				Payment Amount				160.97	
84352	02/25/20	2526	APPLIED INDUSTRIAL TECHNOLOGIES	GREASE CARTRIDGES	PV	168672	001 00701	598.17	7018228312
		Alt Payee	3180 APPLIED INDUSTRIAL TECHNOLOGIES P. O. BOX 100538 PASADENA CA 91189-0538					650.00	
84353	02/25/20	2397	AQUATIC BIOASSAY & CONSULTING	NPDES & ANNL RPT	PV	168546	001 00701	7,350.00	LVS0120.0097
				Payment Amount				598.17	
84354	02/25/20	19264	A TO Z LAW	JPA COUNSEL SRV-JAN'20	PV	168742	001 00701	506.00	57423
				Payment Amount				7,350.00	
84355	02/25/20	5625	ASSOC. OF WATER AGENCIES OF VENTURA CO	REG-CCWUC TRNG 1/22	PV	168643	001 00701	35.00	06-12386
				Payment Amount				506.00	
84356	02/25/20	20695	AT&T	SRV 2/4-3/4/20	PV	168707	001 00101	51.29	0051/020520
				Payment Amount				35.00	
				SRV 2/4-3/4/20	PV	168707	002 00101	50.22	0051/020520
				SRV 2/4-3/4/20	PV	168707	003 00101	225.78	0051/020520
				SRV 2/4-3/4/20	PV	168707	004 00101	1,559.06	0051/020520
				SRV 2/4-3/4/20	PV	168707	005 00101	513.99	0051/020520
				SRV 2/4-3/4/20	PV	168707	006 00101	53.92	0051/020520

Batch Number - 278238

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document . . .	Key	Amount	Invoice Number
Number	Date	Number				Number	Item Co		Number
				2/4-3/4/20					
				SRV	PV	168707	007 00101	219.67	0051/020520
				2/4-3/4/20					
				SRV	PV	168707	008 00101	211.49	0051/020520
				2/4-3/4/20					
				SRV	PV	168707	009 00101	211.49	0051/020520
				2/4-3/4/20					
				SRV	PV	168707	010 00101	211.49	0051/020520
				2/4-3/4/20					
				SRV	PV	168707	011 00101	211.49	0051/020520
				2/4-3/4/20					
				SRV	PV	168707	012 00101	48.83	0051/020520
				2/4-3/4/20					
				SRV	PV	168707	013 00101	211.49	0051/020520
				2/4-3/4/20					
				SRV	PV	168707	014 00101	219.67	0051/020520
				2/4-3/4/20					
				SRV	PV	168707	015 00101	109.84	0051/020520
				2/4-3/4/20					
				SRV	PV	168707	016 00101	109.83	0051/020520
				2/4-3/4/20					
				Payment Amount				4,219.55	
84357	02/25/20	2869	AT&T	SRV	PV	168709	001 00101	405.67	2043/020720
				2/7-3/6/20					
				SRV	PV	168710	001 00101	286.07	9054/020520
				2/5-3/4/20					
				SRV	PV	168711	001 00101	200.82	2045/020720
				2/7-3/6/20					
				SRV	PV	168712	001 00101	67.07	0123/020720
				2/7-3/6/20					
				SRV	PV	168713	001 00101	33.03	0124/020720
				2/7-3/6/20					
				Payment Amount				992.66	
84358	02/25/20	20424	AT&T	RIV U VERSE	PV	168714	001 00751	58.85	5778/021020
				2/11-3/10/20					
				Payment Amount				58.85	
				LONG DIST	PV	168708	001 00701	.13	806368136/020
				1/1-2/1/20					420
				LONG DIST	PV	168708	002 00701	7.98	806368136/020
				1/1-2/1/20					420
				LONG DIST	PV	168708	003 00701	1.34	806368136/020

Batch Number - 278238

Bank Account - 00146607 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document	Key	Item	Co	Amount	Invoice Number
84360	02/25/20	16253	AT&T MOBILITY	1/1-2/1/20	PV	168722	001	00701		9.45	420
				Payment Amount							
					PV	168722	002	00701		323.92	9332/020320
					PV	168722	003	00701		43.23	9332/020320
					PV	168722	004	00701		46.65	9332/020320
					PV	168722	005	00701		345.58	9332/020320
					PV	168722	006	00701		31.92	9332/020320
					PV	168722	007	00701		54.05	9332/020320
					PV	168722	008	00701		86.46	9332/020320
					PV	168722	009	00701		27.22	9332/020320
					PV	168722	010	00701		73.48	9332/020320
					PV	168722	011	00701		172.25	9332/020320
					PV	168722	012	00701		54.40	9332/020320
					PV	168722	013	00701		72.46	9332/020320
					PV	168722	014	00701		466.37	9332/020320
					PV	168722	015	00701		24.74	9332/020320
					PV	168722	016	00701		43.23	9332/020320
					PV	168722	017	00701		212.27	9332/020320
					PV	168722	018	00701		73.95	9332/020320
					PV	168722	019	00701		77.33	9332/020320
					PV	168722	019	00701		3.12	9332/020320
				Payment Amount						2,232.63	
84361	02/25/20	21056	BATTERY SYSTEMS INC	EQUIP/VEH	PV	168739	001	00701		1,955.55	5359726
				BTRY STOCK							
				BTRY STOCK	PV	168740	001	00701		166.96	5363086
				Payment Amount						2,122.51	
84362	02/25/20	4869	BIOVIR LABORATORIES, INC	RESERVOIR TESTING	PV	168726	001	00101		350.00	190453
				RESERVOIR TESTING							
				RESERVOIR TESTING	PV	168727	001	00101		775.00	190596
				RESERVOIR TESTING	PV	168728	001	00101		361.07	190658
				RESERVOIR TESTING	PV	168729	001	00101		350.00	190520
				Payment Amount						1,836.07	
84363	02/25/20	20655	CANNON CORPORATION	P/E 1/31-DSGN	PV	168657	001	00701		1,506.00	71392
				SRV INTRCNT							
				P/E	PV	168668	001	00701		3,344.75	71388
				1/31-CORNELL P/S UP/PGD							

Batch Number - 278238

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Slub Message	Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
84364	02/25/20	16150	CARBON ACTIVATED CORPORATION	Payment Amount RPLC 1,200 LBS CARBON	PV	168689	001	00701	4,850.75 6,022.00	47067
				RPLC 6,000 LBS CARBON	PV	168690	001	00701	15,614.00	47068
				RPLC 24,000 LBS CARBON	PV	168691	001	00701	19,988.00	47069
84365	02/25/20	16880	CHEMTREAT, INC.	Payment Amount FEB'20 WTR TRMNT	PV	168700	001	00701	41,624.00 693.62	2926882
84366	02/25/20	21501	CLAREMONT GRADUATE UNIVERSITY	Payment Amount (4) REG-LEADERSHI P TRNG	PV	168651	001	00701	10,000.00	012920
84367	02/25/20	4586	CONSOLIDATED ELECTRICAL DISTRIBUTORS	Payment Amount RELAYS	PV	168695	001	00701	10,000.00 624.68	9009-403646
84368	02/25/20	2547	COUNTY SANITATION DISTRICTS OF LA COUNTY	(9) LIMIT SWITCHES LIMIT SWITCH Payment Amount TAPIA GRIT HAULING-JAN 2 0	PV	168736	001	00701	2,005.70 443.18 3,073.56 745.03	9009-404001 9009-404010 48852/013120
84369	02/25/20	6966	CS-AMSCO	Payment Amount 8" PLUG VALVE	PV	168679	001	00701	745.03 6,539.34	15601
84370	02/25/20	21265	DEMSEY, FILLIGER, & ASSOCIATES, LLC	Payment Amount GASB 75 DISCLOSURES INFO	PV	168673	001	00701	6,539.34 750.00	202000205LVMW D
84371	02/25/20	13542	DEZURIK, INC.	Payment Amount BUTTERFLY VALVE	PV	168677	001	00701	750.00 2,761.59	RPI/66001667
84372	02/25/20	11330	DIAL SECURITY	Payment Amount 1/20 SEC SRV-HQ	PV	168764	001	00701	2,761.60 355.00	RPI/66001667 367172

Batch Number - 278238

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document . . .	Item	Co	Key	Amount	Invoice Number
				1/20 SEC	PV	168765	001	00701		271.00	367173
			SRV-TAPIA								
			1/20 SEC	PV	168766	001	00701			35.00	367174
			SRV-RLV								
			1/20 SEC	PV	168767	001	00701			35.00	367175
			SRV-RLV FARM								
			1/20 SEC	PV	168768	001	00701			125.00	367176
			SRV-WLK								
			1/20 SEC	PV	168769	001	00701			35.00	367177
			SRV-WLK P/S								
			1/20 SEC	PV	168770	001	00701			147.00	367178
			SRV-IT ROOM								
			1/20 CELL-RLV	PV	168771	001	00701			15.00	367179
			1/20 SEC	PV	168772	001	00701			114.00	367180
			SRV-OPS								
			2/20 SEC	PV	168773	001	00701			355.00	369327
			SRV-HQ								
			2/20 SEC	PV	168774	001	00701			271.00	369328
			SRV-TAPIA								
			2/20 SEC	PV	168775	001	00701			35.00	369329
			SRV-RLV								
			2/20 SEC	PV	168776	001	00701			35.00	369330
			SRV-RLV FARM								
			2/20 SEC	PV	168777	001	00701			125.00	369331
			SRV-WLK								
			2/20 SEC	PV	168778	001	00701			35.00	369332
			SRV-WLK P/S								
			2/20 SEC	PV	168779	001	00701			147.00	369333
			SRV-IT ROOM								
			2/20 CELL-RLV	PV	168780	001	00701			15.00	369334
			2/20 SEC	PV	168781	001	00701			114.00	369335
			SRV-OPS								
			ENTRE RNWL	PV	168782	001	00701			283.36	369333
			2/22/20--2/22/								
			21								
			Payment Amount						2,547.36		
			AUTODESK	PV	168646	001	00701			1,664.50	4814281B
			SPPT/MAINT								
			AUTOCAD	PV	168688	001	00701			2,908.92	S1467333
			3/4/20--3/3/21								

Batch Number - 278238

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Item	Key Co	Amount	Invoice Number
84374	02/25/20	4943	ENVICOM CORPORATION	P/E 1/25-TWN LKS P/S UPGD	PV	168665	001	00701	4,573.42 4,006.18	00015432
84375	02/25/20	2654	FAMCON PIPE	BALL VALVES	PV	168670	001	00701	605.75	S100019199,00 4
84376	02/25/20	2659	FENCE FACTORY	FENCE RPR-OPS	PV	168784	001	00701	6,135.30	116274
84377	02/25/20	2655	FERGUSON ENTERPRISES	AIR VACS	PV	168671	001	00701	10,591.23	0690924-1
Alt Payee 3207 FERGUSON ENTERPRISES, INC. #1083 P. O. BOX 740827 LOS ANGELES CA 90074-0827										
84378	02/25/20	21055	FIRESTONE COMPLETE AUTO CARE BRIDGESTONE	RPR FLAT #890	PV	168682	001	00701	20.99	191683
Alt Payee 21088 FIRESTONE COMPLETE AUTO CARE 1100 E. THOUSAND OAKS BLVD. THOUSAND OAKS CA 91362-2815										
84379	02/25/20	2661	FLO-SYSTEMS INC	PUMP IMPELLER	PV	168703	001	00701	11,707.74	F-17783-20V006
84380	02/25/20	6770	G.I. INDUSTRIES	PUMP IMPELLER LATE CHG-INV#29264	PV	168703 168717	002 001	00701 00751	142.71 4.33	F-17783-20V006 2933089-0283- 3
81 1/16~1/31 25 YD-RLV 1/16~1/31 DISP SHOP BLDG 1/16~1/31 DISP-TAPIA										
2933247-0283- 7 2933088-0283- 5 2532628-0283- 3										

Batch Number - 278238

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key ltr	Key Co	Amount	Invoice Number
RAGS										
Alt Payee	6771	G.I. INDUSTRIES P. O. BOX 541065 LOS ANGELES CA 90054-1065								
84381	02/25/20	2701	GRAINGER, INC.	Payment Amount DISINFECTANT & CLEANERS	PV	168543	001	00701	1,830.44 765.12	9419328944
Alt Payee	5453	GRAINGER, INC. DEPT 805178142 PALATINE IL 60038-0001								
84382	02/25/20	2705	HACH COMPANY	Payment Amount SC200 LCD REPLC KIT	PV	168699	001	00701	765.12 168.64	11808629
Alt Payee	6442	HACH COMPANY 2207 COLLECTIONS CENTER DR CHICAGO IL 60683								
84383	02/25/20	9750	RICHARD HIRSH	Payment Amount RFND O/P-OPEN A/C	PV	168733	001	00101	168.64 971.63	053377
84384	02/25/20	2732	INDUSTRIAL METAL SUPPLY	Payment Amount SS SHEET & TUBING	PV	168645	001	00751	971.63 937.13	542647
84385	02/25/20	2611	LA DWP	Payment Amount RECTIFIER 1/15-2/13	PV	168730	001	00101	937.13 47.48	017698/021420
84386	02/25/20	2781	LAS VIRGENES UNIFIED SCHOOL DISTRICT	Payment Amount GRD 4/5 SCIENCE PRGM GRANT	PV	168731	001	00101	47.48 107,000.00	200000000332
84387	02/25/20	17295	MAILFINANCE	Payment Amount MAIL MCHN PMT 2/9-3/8	PV	168697	001	00701	107,000.00 325.50	N8144671
84388	02/25/20	2814	MCMMASTER-CARR SUPPLY CO	Payment Amount HOSE ENDS	PV	168648	001	00751	325.50 574.04	30948262
Alt Payee	3197	MCMMASTER-CARR P. O. BOX 7690								
				BOLTS	PV	168649	001	00751	134.59	31176094



Batch Number - 278238

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Item	Co	Amount	Invoice Number
CHICAGO IL 60680-7690											
84389	02/25/20	20973	MERRIMAC ENERGY GROUP	Payment Amount 8,813 GAL REG UNLEAD	PV	168741	001 00701	708.63		26,766.63	2200476
84390	02/25/20	2365	MSO TECHNOLOGIES	Payment Amount P/E 12/31 REW RLV MODS P/E 12/31 PTBL PS MODS P/E 12/31-PLC DSGN/PRGM	PV	168662	001 00701	26,766.63		616.00	6387
84391	02/25/20	16529	MUNITEMPS-MUNICIPAL STAFFING SOLUTIONS	Payment Amount TEMP SRV 2/3-2/7	PV	168738	001 00701	4,576.00		1,400.00	129677
84392	02/25/20	21335	MV ENGINEERING, LLC	Payment Amount PWP GRANT ASST 1/1-1/31	PV	168660	001 00701	1,400.00		1,900.00	1910120
84393	02/25/20	20772	NATIONAL PAYMENT CORP.	Payment Amount JAN'20 ELECT PAYSTUBS	PV	168674	001 00701	1,900.00		192.90	849642
84394	02/25/20	16754	NATURAL SURROUNDINGS	Payment Amount FEB'20 FLORAL MAINT	PV	168698	001 00701	192.90		235.00	7367
84395	02/25/20	16372	OLIN CORPORATION - CHLOR ALKALI	Payment Amount 4,848 GAL HYPOCHLORITE	PV	168547	001 00701	235.00		4,083.59	2787727
				4,884 GAL HYPOCHLORITE	PV	168685	001 00701			4,113.92	2789639
				4,986 GAL HYPOCHLORITE	PV	168686	001 00701			4,199.83	2790264
				4,966 GAL HYPOCHLORITE	PV	168687	001 00701			4,182.99	2791985
				4,832 GAL HYPOCHLORITE	PV	168692	001 00701			4,184.87	2792421

Alt Payee 16373 OLIN CORPORATION - CHLOR ALKALI  
P.O. BOX 402766

Batch Number - 278238

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Sub Message	Ty	Document Number	Key Ltr	Key Co	Amount	Invoice Number
ATLANTA GA 30384-2766										
84396	02/25/20	15824	OUTBACK FOOTWEAR	Payment Amount SFTY	PV	168652	001	00701	20,765.20	41168
				FAWEAR-R.R.					225.00	
84397	02/25/20	18946	PACIFIC ADVANCED CIVIL ENGINEERING, INC.	Payment Amount P/E 1/31	PV	168661	001	00701	4,181.46	3683
				TAPIA FLOOR REHAB						
84398	02/25/20	18116	PACIFIC ENERGY CONSTRUCTION CORPORATION	Payment Amount ELECT	PV	168735	001	00701	9,880.48	5462
				WORK-PWP DEMO						
84399	02/25/20	20514	PILLSBURY WINTHROP SHAW PITTMAN LLP	Payment Amount EE BNFT SRV	PV	168666	001	00701	1,043.50	8318008
				P/E 12/31						
AIR PAYEE 20515 PILLSBURY WINTHROP SHAW PITTMAN LLP P. O. BOX 742262 LOS ANGELES CA 90074-2262										
84400	02/25/20	18821	LEONARD POLAN	Payment Amount MLG/PKG-ACWA	PV	168734	001	00701	57.59	020520
				BD MTG 2/5						
84401	02/25/20	21195	RACHIO INC.	Payment Amount IRGTN	PV	168548	001	00701	27,787.30	326317
				INSTALLS-JAN'20						
84402	02/25/20	21484	RMG COMMUNICATIONS	Payment Amount P/E 1/30-AMI	PV	168544	001	00701	3,418.75	1042
				CONSULT SRV						
84403	02/25/20	16022	ROLLS SCAFFOLD & EQUIPMENT, INC	Payment Amount SCFFLD-WLK	PV	168545	001	00701	2,268.02	6082994S1C
				1/6-2/2						
84404	02/25/20	2556	SOUTH COAST	Payment Amount EMISSION	PV	168641	001	00751	136.40	3582064
									2,268.02	

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key Ltr	Key Co	Amount	Invoice Number
			AIR QUALITY	FEE-RLV						
			MGMT DIST							
84405	02/25/20	16271	SPOK, INC.	PAGER SRV 2/11-3/10/20	PV	168715	001	00701	71.06	D0143084N
				PAGER SRV 2/11-3/10/20	PV	168715	002	00701	.49	D0143084N
				PAGER SRV 2/11-3/10/20	PV	168715	003	00701	42.20	D0143084N
84406	02/25/20	21137	TESLA, INC.	RW P/S-JAN'20 SOLAR	PV	168694	001	00701	7,405.04	14702304
84407	02/25/20	21261	JENNIFER THOMAS	RFND BAL-CLOSED A/C	PV	163588	001	00101	102.06	074182
84408	02/25/20	20971	THOUSAND OAKS PLUMBING INC.	INSTALL TOILET-BD#8 HYDRO JET TOILET LINE	PV	168644	001	00101	337.70	20660059
84409	02/25/20	17645	TORO ENTERPRISES INC.	MAIN RPR-5533 FAIRVIEW	PV	168549	001	00701	32,550.02	13258
84410	02/25/20	20880	TPX COMMUNICATION S	SRV 2/16-3/15/20	PV	168716	001	00701	492.50	126623859-0
				SRV 2/16-3/15/20	PV	168716	002	00701	200.00	126623859-0
				SRV 2/16-3/15/20	PV	168716	003	00701	182.87	126623859-0
				SRV 2/16-3/15/20	PV	168716	004	00701	166.87	126623859-0
				SRV 2/16-3/15/20	PV	168716	005	00701	200.00	126623859-0
				SRV 2/16-3/15/20	PV	168716	006	00701	1,100.40	126623859-0

Batch Number - 278238

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Document Ty	Document Number	Key In	Key Co	Amount	Invoice Number
				SRV 2/16-3/15/20	PV	168716	007	00701	1,102.10	126623859-0
				SRV 2/16-3/15/20	PV	168716	008	00701	1,322.25	126623859-0
				SRV 2/16-3/15/20	PV	168716	009	00701	215.70	126623859-0
				SRV 2/16-3/15/20	PV	168716	010	00701	200.00	126623859-0
				SRV 2/16-3/15/20	PV	168716	011	00701	951.00	126623859-0
				SRV 2/16-3/15/20	PV	168716	011	00701	951.00	126623859-0
				Payment Amount					6,133.69	
84411	02/25/20	19135	TRANSUNION RISK & ALTERNATIVE DATA SOLUT	BAD DEBT SRGH-JAN'20	PV	168647	001	00701	246.00	974571/JAN'20
				Payment Amount					246.00	
84412	02/25/20	21252	TYLER TECHNOLOGIES, INC.	1/20-1/24 ERP IMPLTN	PV	168675	001	00701	13,113.72	045-290961
				SIGNATURE KEY-ERP IMPLTN	PV	168704	001	00701	1,650.00	045-291932
				11/5-11/7/19 ERP IMPLTN	PV	168705	001	00701	3,500.00	045-291974
				2/4-2/6 ERP IMPLTN	PV	168706	001	00701	4,200.00	045-292689
				Payment Amount					22,463.72	
84413	02/25/20	20935	US METRO GROUP, INC.	JANTRL SRV-DEC'19	PV	168693	001	00701	8,515.53	100970
				JANTRL SRV-DEC'19	PV	168693	003	00701	2,395.60	100970
				JANTRL SRV-DEC'19	PV	168693	005	00701	196.56	100970
				Payment Amount					11,107.69	
84414	02/25/20	21154	UTILIWORKS CONSULTING, LLC	P/E 1/31-AMR/AMI DSGN	PV	168659	001	00701	4,637.00	5825
				Payment Amount					4,637.00	
84415	02/25/20	21295	VERTICAL ELEVATOR SOLUTIONS,	FEB'20 ELEV SRV	PV	168678	001	00701	290.00	7362

Batch Number - 278238

Bank Account - 00146807 Cash-General

Payment Number	Payment Date	Address Number	Name	Payment Stub Message	Ty	Document Number	Key	Item	Co	Amount	Invoice Number
			INC.								
84416	02/25/20	2436	VINCE BARNES AUTOMOTIVE	Payment Amount REAR BRK ROTORS-#825 OIL/FILTERS-# 890	PV	168680	001	00701		290.00 898.08 102.96	024403 024407
84417	02/25/20	19685	W. LITTEN INC.	Payment Amount SPRYFLD 2/7-2/8	PV	168696	001	00701		1,001.04 1,906.64	20005
84418	02/25/20	20796	WATERWISEPRO TRAINING	Payment Amount REG-D4 EXAM PREP/STARR H.	PV	168732	001	00701		450.00	D-4 EXM-PREP/SH
84419	02/25/20	3048	WEST COAST AIR CONDITIONING	Payment Amount RPRS TO BOILER#1-HQ	PV	168701	001	00701		450.00 1,146.51	S106413
84420	02/25/20	8510	WORK BOOT WAREHOUSE	RPR FAN DUCTWORK-TAPI A Payment Amount SFTY FWEAR-J.A. SFTY FWEAR-W.G. SFTY FWEAR-M.M. SFTY FWEAR-E.R. SFTY FWEAR-J.U.	PV	168723	001	00701		278.75 1,425.26 225.00 225.00 225.00 202.03 215.28	S106419 2-62817 2-62709 2-62814 2-62808 2-62690
Payment Amount										1,092.31	
Total Amount of Payments Written										452,069.25	
Total Number of Payments Written										71	



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

**MINUTES**  
**REGULAR MEETING**

9:00 AM

February 18, 2020

**PLEDGE OF ALLEGIANCE**

The Pledge of Allegiance to the Flag was led by Dave Roberts.

**1. CALL TO ORDER AND ROLL CALL**

The meeting was called to order at **9:00 a.m.** by Board President Lewitt in the Board Room at Las Virgenes Municipal Water District headquarters at 4232 Las Virgenes Road, Calabasas, CA 91302. 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: Joe McDermott, Acting General Manager/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  
Wayne Lemieux, District Counsel

**2. APPROVAL OF AGENDA**

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

**3. PUBLIC COMMENTS**

None.

#### **4. CONSENT CALENDAR**

**A List of Demands: February 18, 2020: Receive and file**

**B Minutes Regular Meeting of February 4, 2020: Approve**

**C Directors' Per Diem – February 2020: Ratify**

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

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

##### **A MWD Representative Report**

Glen Peterson, MWD Representative, reported that the MWD Board was in the process of discussing the proposed water rates, which would be increasing by five percent instead of three percent due to increased treatment costs and decreased treated water sales. He also reported that the MWD Board approved a contract for procurement of ozone generator dielectrics and power supply units at the Joseph Jensen Water Treatment Plant; adopted State Legislative Priorities and Principles for 2020; and authorized agricultural leases on the islands in the Sacramento-San Joaquin Bay Delta. He noted that the MWD Board received a report regarding possible plans for the islands. He addressed Director Caspary's previous question regarding State law dealing with groundwater and whether it is a beneficial use by stating that groundwater becomes a beneficial use when the water is taken from the ground. He responded to questions regarding the five percent rate increase, sea level at the islands in the Bay Delta, and restoring natural tule vegetation. He also responded to a question regarding the single-tunnel alternative for the Delta Conveyance Project by stating that the Notice of Preparation to initiate environmental review was released. He noted that Governor Gavin Newsom supports the single-tunnel alternative; the proposal consists of a single tunnel to convey 6,000 cubic-feet-per-second with two intakes; the project would be a State Water Project only; and agencies may choose to opt out. Lastly, he encouraged the Board to attend the MWD Eagle Rock Control Center and Joseph Jensen Water Treatment Plant Inspection Trip on March 4th.

##### **B Legislative and Regulatory Updates**

Joe McDermott, Acting General Manager/Director of Engineering and External Affairs, noted that a copy of a letter in support of the 6,000 CFS Single-Tunnel Alternative for the Delta Conveyance was provided to the Board. He reported that February 21st was the deadline to introduce new bills, and approximately 640 bills had been introduced to date. He also reported that Senator Bill Dodd agreed to author the District's legislative proposal related to emergency backup generators, which would be co-sponsored by the California Municipal Utilities Association. He also reported that he provided testimony at an

informational hearing of the Assembly Water, Parks, and Wildlife Committee on February 11th regarding public safety power shutoffs and impacts to water agencies. He noted that a copy of a letter to Chairman Eduardo Garcia and a copy of his testimony was provided to the Board. He noted that Board President Lewitt, Director Lo-Hill, and MWD Representative Glen Peterson would be attending the Association of California Water Agencies (ACWA) and California Association of Sanitation Agencies (CASA) Washington DC Conferences next week.

### **C Water Supply Conditions Update**

Joe McDermott, Acting General Manager/Director of Engineering and External Affairs, presented the report.

### **6. TREASURER**

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

### **7. FACILITIES AND OPERATIONS**

#### **A Rancho Las Virgenes Composting Facility Repairs: Approval of Change Order**

**Authorize the General Manager as Administering Agent of the JPA to execute Change Order No. 1 to GSE Construction, Inc., in the amount of \$188,100, to include repair of the Biofilter at the Rancho Las Virgenes Composting Facility as part of the Digester No. 2 Rehabilitation Project.**

Eric Schlageter, Principal Engineer, presented the report.

Director Renger moved to approve Item 7A. Motion seconded by Director Polan.

A discussion ensued regarding exploring options to bury the irrigation system and install aluminum or galvanized pipe that would withstand extreme heat conditions.

Motion carried unanimously.

### **8. FINANCE AND ADMINISTRATION**

#### **A Independent Audit Services: Renewal**

**Authorize the General Manager to execute the first one-year renewal option with The Pun Group, in the amount of \$41,200, to provide independent audit services.**

Don Patterson, Director of Finance and Administration, presented the report.

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



## **9. ENGINEERING AND EXTERNAL AFFAIRS**

### **A Update on Weather Based Irrigation Controller Give-Away Program**

**Consider the effectiveness of the Weather Based Irrigation Controller Give-Away Program and provide feedback on alternatives for potential changes to the program.**

Dave Roberts, Resource Conservation Manager, presented the report and PowerPoint presentation. He provided a program overview and reviewed customer outreach efforts and distribution to date.

Danielle Cumming, representing Rachio, continued the presentation and reviewed customer experience and satisfaction, and utilization of the Net Promoter Score (NPS) to assess customer satisfaction.

Sara Heitzman, representing Rachio, continued the presentation and provided an overview of program effectiveness, water savings data, and expected water savings.

Mr. Roberts reviewed the program effectiveness summary statistics and potential future program options including no program changes, rebate subsidy, or a hybrid program that would continue elements of the existing program and open the program more broadly or leverage existing rebates to modify the existing program for more customer participation.

Ms. Heitzman responded to a question regarding the net promoter scoring by stating that the District's NPS score of 65 reflected a very high score in that customers would recommend the weather based irrigation controller to their friends. She also explained how the NPS was calculated.

Joe McDermott, Acting General Manager/Director of Engineering and External Affairs, responded to a question regarding calculation of the three to five-year return on the District's \$900,000 investment for the purchase of the 2,000 weather based irrigation controllers.

Mr. Roberts responded to a question regarding outreach efforts to customers who received a weather based irrigation controller and high water use customers who have not taken advantage of the program.

A discussion ensued regarding the requirement for Internet connection in order to operate the weather based irrigation controller; creation of a database for customers who have had a weather based irrigation controller installed; implementation of a program to inform new customers whether a weather based irrigation controller might currently be installed in their new residence; the continued development of the Rachio software; and customers' use of the user forums.

Board President Lewitt expressed support for a program that would allow customers to receive a rebate from MWD and the District after purchasing a weather based irrigation controller and having it professionally installed by the District's contractor.

Mr. McDermott discussed the mandate to reduce water use by 20 percent districtwide, and other programs in place such as the AMR/AMI and landscape initiative. He stated that staff would explore concerns with the free give-away program and the possibility of implementing a cost-share program.

## **10. NON-ACTION ITEMS**

### **A Organization Reports**

None.

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

None.

### **C General Manager Reports**

#### **(1) General Business**

Joe McDermott, Acting General Manager/Director of Engineering and External Affairs, reported that the MWD Foothill Feeder would be shutdown from February 17th through 22nd for repairs. John Zhao, Director of Facilities and Operations, noted that the Department of Water Resources was replacing a 130-inch valve.

Mr. McDermott provided an update regarding the site remediation following the Willow Incident. Mr. Zhao noted that the insurance company would continue to pay for the private security company during the remediation, and District staff was coordinating with the City of Calabasas regarding reopening the trail and dog park. He also noted that District staff was continuing to meet with representatives from the City of Calabasas, Los Angeles County Sheriff's Department, Mountains Conservation & Recreation Authority, and Las Virgenes Unified School District to discuss various concerns and long-term plans.

Mr. McDermott also reported that the next Board meeting would be held on March 3rd at 5:00 p.m. He reminded the Board that the last day to register for the March 4th MWD Eagle Rock Command Center and Joseph Jensen Water Treatment Plant Inspection Trip was February 19th. He provided an update regarding the ribbon-cutting ceremony for the Pure Water Demonstration Facility. He stated that initial start-up, testing, sampling, and a soft opening would occur in May or June, with an official ribbon-cutting ceremony on Friday, September 11th.

#### **(2) Follow-Up Items**

Joe McDermott, Acting General Manager/Director of Engineering and External Affairs, noted that staff would bring back an analysis of water and sewer capacity fee deposits, a

report regarding an uncollected receivables policy, and a report regarding the feasibility of sending text messages to customers prior to shut-off for non-payment. John Zhao, Director of Facilities and Operations, noted that the evaluation of flood risk debris flow at the Tapia Water Reclamation Facility would be presented at the March 2nd JPA meeting.

## **D Directors' Comments**

Director Polan expressed his appreciation to Director Lo-Hill for reporting on her attendance at MWD Board and Committee meetings. He noted that her report was useful when discussing perfluoroalkyl and polyfluoroalkyl substances (PFAS) at a recent ACWA Region 8 Board meeting. He also expressed his appreciation for the materials used in the LV Tap water bottles. He expressed concern with having better signage for the Pure Water Demonstration Facility and with the signage of the District's tenant, ROWI. Joe McDermott, Acting General Manager/Director of Engineering and External Affairs, responded that staff spoke with representatives from ROWI regarding removal of the sign. He also noted that Astound would install new signage at the Pure Water Demonstration Facility next month.

## **11. FUTURE AGENDA ITEMS**

Director Polan moved to have a report brought back regarding the long-term plan in response to impacts from the Willow Incident. Motion seconded by Director Renger.

Joe McDermott, Acting General Manager/Director of Engineering and External Affairs, stated that an update of the Willow Incident would be included as part of the Multi-Site Security Assessment report that would be brought back at the next Board meeting.

## **12. PUBLIC COMMENTS**

None.

## **13. CLOSED SESSION**

### **A Conference with Legal Counsel – Anticipated Litigation (Government Code Section 54956.9(d)(2): Tort Claim of National Fire and Marine Insurance Company**

Director Polan departed from the meeting at 10:53 a.m.

The Board recessed to Closed Session at **10:53 a.m.** and reconvened to Open Session at **11:07 a.m.**

Wayne Lemieux, District Counsel, announced that the Board received a report in Closed Session where he recommended that the Board deny the claim.

Director Renger moved to deny the tort claim of National Fire and Marine Insurance Company. Motion seconded by Director Caspary.

Motion carried by the following vote:

AYES: Caspary, Lewitt, Lo-Hill, Renger

NOES: None

ABSTAIN: None

ABSENT: Polan

**14. OPEN SESSION AND ADJOURNMENT**

Seeing no further business to come before the Board, the meeting was duly adjourned at **11:08 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)



March 3, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

**Subject : Monthly Cash and Investment Report: January 2020**

**SUMMARY:**

During the month of January 2020, the value of the District's investment portfolio increased from \$88,880,739, held on December 31, 2019, to \$91,104,577. There were no investments that matured or were called in January; seven investments were purchased, increasing the book value to \$54,174,054. The value of the District's Local Agency Investment Fund (LAIF) account decreased to \$36,882,173.

**RECOMMENDATION(S):**

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

**FISCAL IMPACT:**

No

**ITEM BUDGETED:**

No

**DISCUSSION:**

As of January 31, 2020, the District held \$91,104,577, up 3.26% year-over-year. The portfolio was up from the previous month's total of \$88,880,739. The majority of the funds were held in the District's investment account, which had a January 31st book value of \$54,174,054. LAIF held the majority of the remaining funds, in the amount of \$36,882,173. A significant portion of the remaining balance was held in a money market account. The annualized yield for the District's investment portfolio was 2.07% in January 2020, down one basis point from December. The annualized yield on the District's LAIF funds was 1.97% in January, down as compared to December's 2.04%. The total yield on the District's accounts was 2.03%, down from 2.19% year-over-year.

No investments were called or matured during January 2020

The following investments were purchased during January 2020:

- FHLMC agency callable, in the amount of \$1,000,000, maturing on 01/06/25; YTM 1.95%.
- Kemba Financial Credit Union insured CD, in the amount of \$245,000, maturing on 01/08/25; YTM 1.80%.
- FHLMC agency callable, in the amount of \$1,000,000, maturing on 01/10/25; YTM 1.80%.
- Farmers & Merchants Bank insured CD, in the amount of \$245,000, maturing on 01/15/22; YTM 1.65%.
- Knoxville Credit Union insured CD, in the amount of \$245,000, maturing on 01/16/25; YTM 1.95%.
- Wells Fargo Bank insured CD, in the amount of \$245,000, maturing on 01/18/22; YTM 1.80%
- FHLMC agency callable, in the amount of \$1,000,000, maturing on 07/30/24; YTM 1.80%.

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

- 01/08/20 – Withdraw in the amount of \$75,000.
- 01/15/20 – Interest deposit in the amount of \$199,136.37.
- 01/17/20 – Deposit in the amount of \$1,000,000.
- 01/30/20 – Withdraw in the amount of \$1,000,000.
- 01/30/20 – Withdraw in the amount of \$850,000.

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 January 31, 2020 and compares the balances to the adopted Financial Policies. As shown for January, funds held by policy in the Potable Water Enterprise were \$894,677 below the levels set forth in the District's Financial Policies. The Potable Water Enterprise also has a negative balance of \$4.2 million in the restricted cash account. The Sanitation Enterprise has \$11.2 million available for capital, of which \$10 million has been set aside for the Pure Water Project Las Virgenes-Triunfo, and the Recycled Water Enterprise had cash and investments available for capital projects in the amount of \$13.7 million. The Board has assigned \$5 million in funds from the Recycled Water Enterprise for use on the Pure Water Project Las Virgenes-Triunfo.

#### GOALS:

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Donald Patterson, Director of Finance and Administration

**ATTACHMENTS:**

Charts

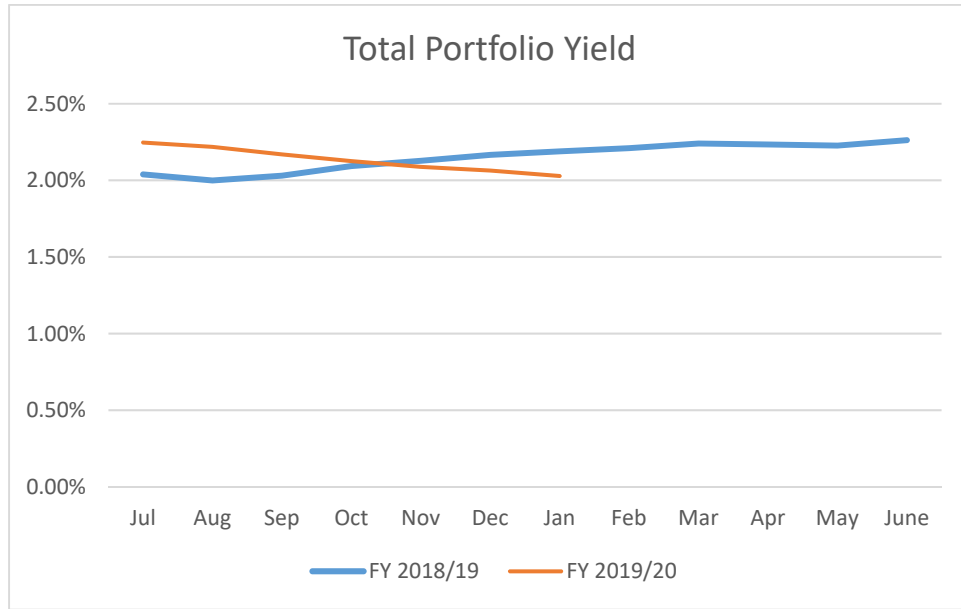
Monthly Investment Report - January 2020

Definitions

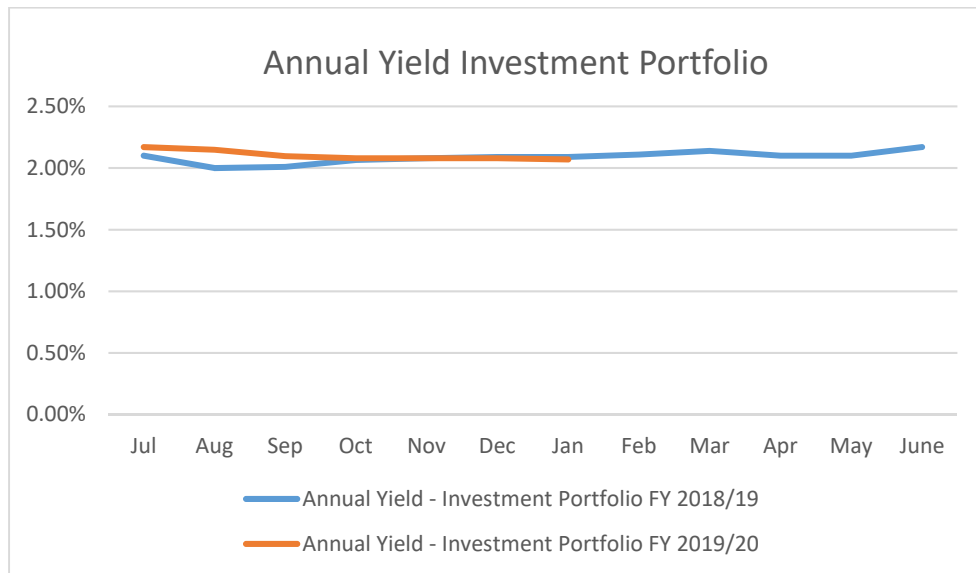
January 2020 Cash Report



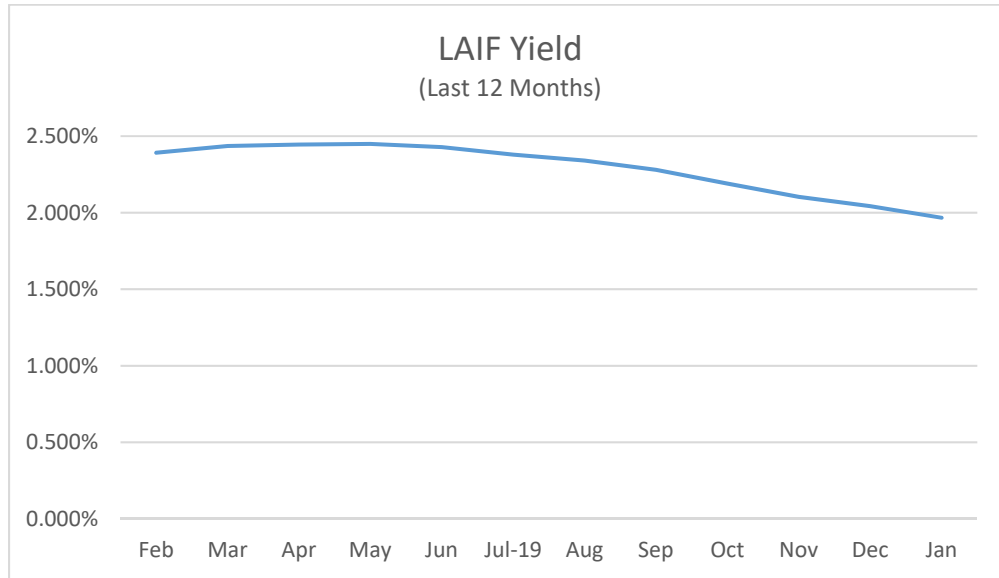
As of January 31, 2020, at Book Value, LAIF held 40.48% of the District’s portfolio and the investment portfolio held 59.46% with the majority of the remaining funds held in a money market account. As can be seen in the chart below, the total yield in January 2020 was 2.03%, down three basis point from December and down from 2.19% one year ago.



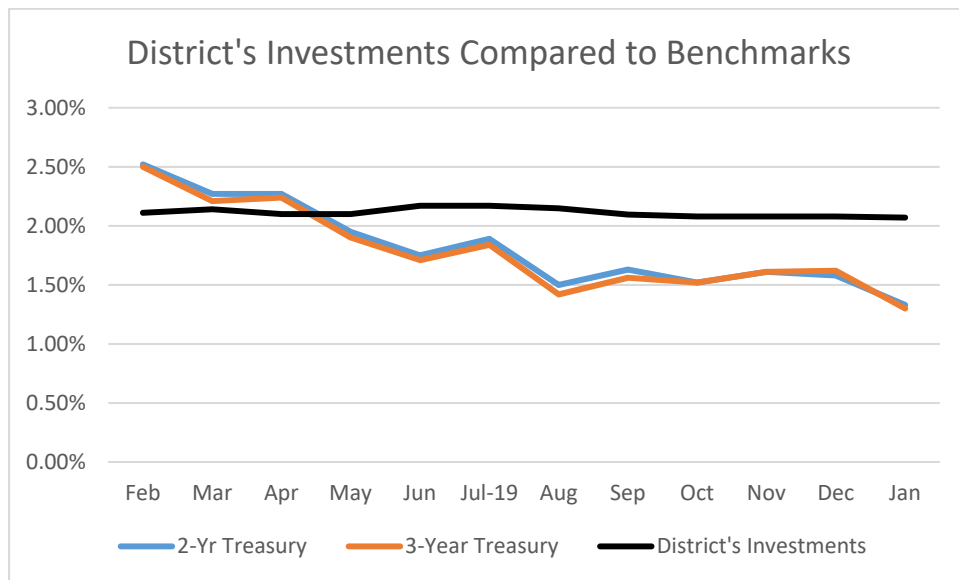
In January, the annualized yield for the District’s Investment Portfolio was down one basis point from December at 2.07% and down two basis points from a year ago. The chart below shows annualized monthly yield of the current fiscal year compared with the same monthly yield over the previous year.



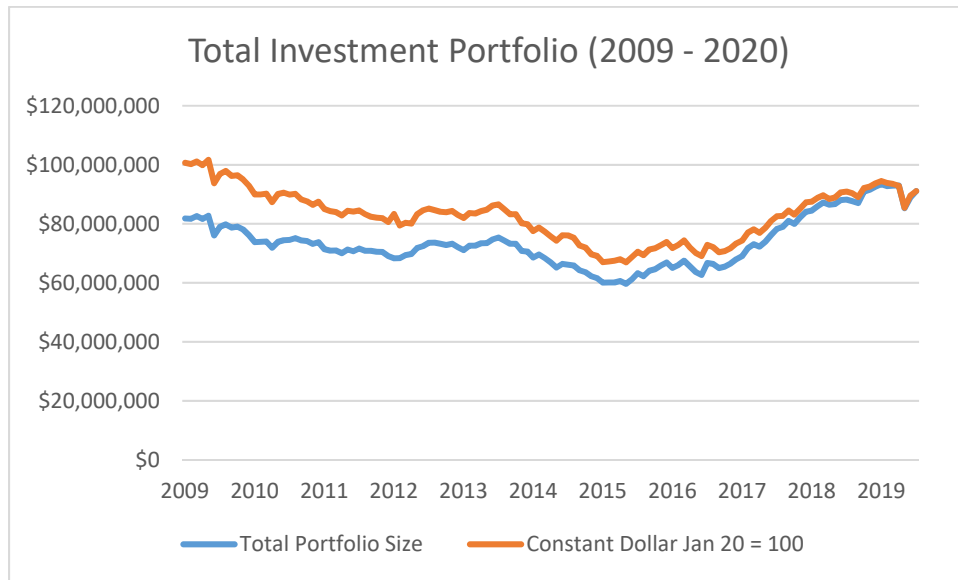
The following chart shows the average annualized LAIF yields over the past twelve months. In January, the LAIF yield was 1.97%, down from December's 2.04% and down from 2.39% a year ago.



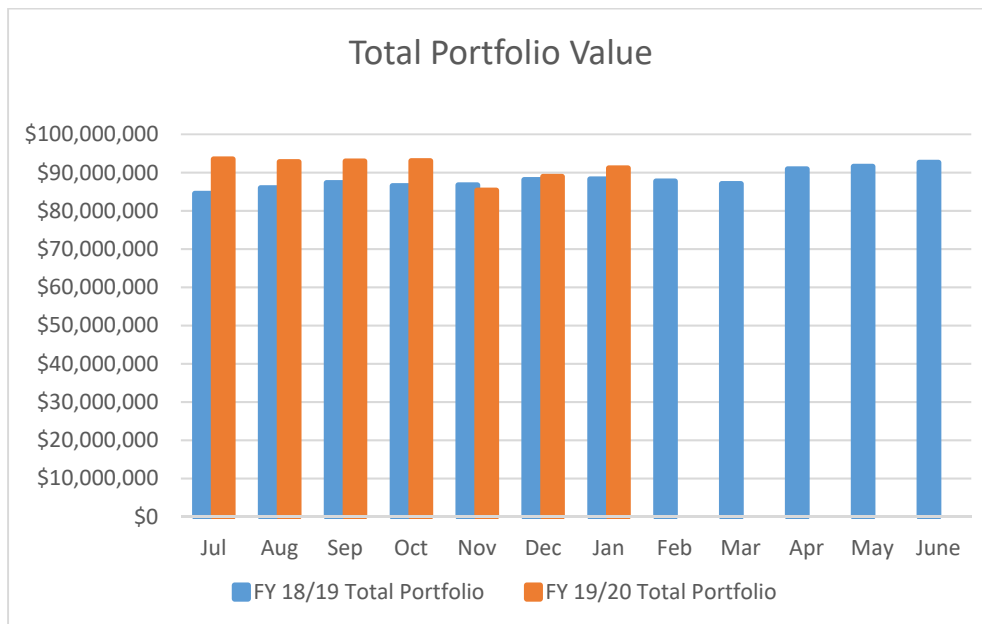
In order to benchmark how the District's portfolio is performing, it is useful to compare its investment portfolio with a comparable index. The District has historically compared its investment portfolio returns to the 2-Year and 3-Year Treasury notes. Because the District buys and holds its investments,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



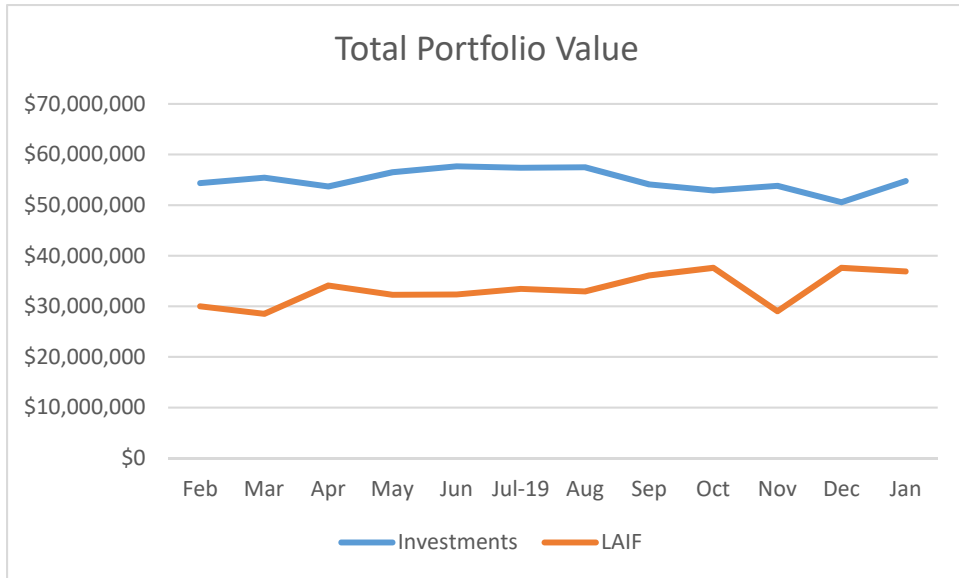
Equally important to monitoring performance is to monitor total portfolio value that includes the District's Investment Portfolio and LAIF accounts. The chart below shows the total portfolio value between 2009 and 2020. In December, the District's portfolio was up from December at \$91,104,577.



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



The chart below shows the value of the District’s Investment and LAIF portfolios over the past twelve-month period. The District’s Investment Policy requires an amount equal to 6 months of operating budget to be kept in LAIF, which is \$28.8 million. The District is currently keeping additional funds in LAIF as staff finalizes the schedule for the Las Virgenes – Triunfo Pure Water Project.



Date: February 13, 2019  
 To: David W. Pedersen, General Manager  
 From: Finance and Administration Department  
 Subject: Investment Report for the Month of January 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
1.300%	1.300%		FNMA-Bullet	02/24/16		02/24/20	1,000,000	1,000,000	999,880	Custodian
1.800%	1.800%		MDS-Muni Bond	03/22/17		03/15/20	1,000,000	1,000,000	1,000,130	Custodian
1.400%	1.400%	1.400%	FFCB-Callable Coupon	04/13/16	Cont. 4/13/17	04/13/20	1,000,000	1,000,000	999,610	Custodian
1.600%	1.600%	1.600%	FNMA-Bullet	05/19/15		05/19/20	1,000,000	1,000,000	1,000,340	Custodian
1.580%	1.501%	0.700%	FNMA-Callable Coupon	08/15/16	03/15/20	06/15/20	1,002,920	1,000,000	1,000,090	Custodian
			Sub-Total				5,002,920	5,000,000	5,000,050	

Investments Maturing After Six Months:

2.250%	1.732%		CONNECTICUT ST-MuniBo	02/17/16		09/01/20	1,119,649	1,095,000	1,097,748	Custodian
2.427%	1.779%		NEWSCD-MuniBond	03/17/16		08/01/20	934,688	910,000	913,494	Custodian
1.500%	1.500%		CAL ST-MuniBond	04/28/16		04/01/21	1,000,000	1,000,000	997,970	Custodian
2.387%	1.392%		SCWTR-MuniBond	06/21/16		06/01/21	1,047,370	1,000,000	1,010,340	Custodian
1.960%	1.960%	1.960%	MOUSCD-MuniBond	07/14/16		08/01/21	600,000	600,000	601,272	Custodian
1.550%	1.550%		CAPITAL ONE BANK - CD	08/10/16		08/10/21	245,000	245,000	244,189	Custodian
1.400%	1.400%	1.400%	FNMA-Callable Coupon	08/24/16	02/24/20	08/24/20	1,000,000	1,000,000	999,100	Custodian
1.450%	1.450%		JP Morgan Chase BK-CD	09/16/16	03/16/20	09/16/20	245,000	245,000	244,468	Custodian
1.713%	1.713%		CASPPWR-Muni Bond	09/28/16		05/01/21	944,684	944,684	946,384	Custodian
1.480%	1.480%		FNMA-Callable Coupon	09/29/16	03/29/20	12/29/20	1,000,000	1,000,000	999,320	Custodian
1.5%-Up	2.115%		FHLB-Callable Coupon	11/17/16	02/17/20	11/17/21	1,000,000	1,000,000	999,700	Custodian
1.5%-Up	2.116%		FHLMC-Callable Coupon	11/22/16	02/22/20	11/22/21	1,000,000	1,000,000	1,000,040	Custodian
2.000%	2.046%		FHLMC-Bullet	01/30/17		01/26/22	997,850	1,000,000	1,009,240	Custodian
2.350%	2.350%		Goldman Sachs Bank - CD	06/21/17		06/21/22	245,000	245,000	248,665	Custodian
2.350%	2.350%		Sallie Mae Bank/Salt LK-CD	06/21/17		06/21/22	245,000	245,000	248,665	Custodian
2.000%	2.000%	2.000%	FHLB-Callable Coupon	08/10/17	08/10/20	08/10/22	1,000,000	1,000,000	1,002,450	Custodian
2.250%	2.104%	1.465%	FHLMC-Bullet	08/16/17		06/29/22	1,000,300	1,000,000	1,020,760	Custodian
2.400%	2.400%		American Express - CD	08/29/17		08/29/22	245,000	245,000	248,320	Custodian
2.400%	2.400%		Capital One NA - CD	08/30/17		08/30/22	245,000	245,000	249,246	Custodian
1.750%	1.766%		FFCB-Bullet	09/13/17		09/13/22	999,250	1,000,000	1,007,660	Custodian
2.500%	2.604%		SFOFAC-Muni Bond	11/09/17		09/01/22	497,650	500,000	509,495	Custodian
2.050%	2.050%		BMW Bank - CD	11/29/17		11/30/20	245,000	245,000	245,850	Custodian
2.500%	2.500%		Wells Fargo Bank - CD	12/08/17		12/08/22	245,000	245,000	250,370	Custodian
2.550%	2.550%		NYSDEV-Muni Bond	12/21/17		03/15/22	1,000,000	1,000,000	1,022,180	Custodian
2.200%	2.200%		Merrick Bank-CD	01/09/18		01/11/21	245,000	245,000	246,311	Custodian
2.650%	2.650%		Morgan Stanley Bank-CD	01/11/18		01/11/23	245,000	245,000	251,571	Custodian
2.130%	2.338%		FAMCA-Bullet	01/24/18		01/24/23	990,240	1,000,000	1,016,990	Custodian
2.650%	2.650%	2.650%	FHLB-Callable Coupon	02/28/18	02/28/20	02/28/23	1,000,000	1,000,000	1,000,720	Custodian
2.700%	2.700%		FFCB-Bullet	04/11/18		04/11/23	1,000,000	1,000,000	1,039,110	Custodian
3.150%	3.150%		CitiBank NA - CD	05/11/18		05/11/23	245,000	245,000	255,974	Custodian
3.297%	3.297%	3.297%	UNVHGR-Muni Bond	06/05/18	Cont. 6/5/18	05/15/23	930,000	930,000	983,568	Custodian
2.900%	2.980%		FAMCA-Bullet	08/01/18		07/24/23	996,263	1,000,000	1,045,640	Custodian
2.000%	3.063%		CASPPWR-Muni Bond	09/24/18		05/01/22	963,980	1,000,000	1,010,660	Custodian



LVMWD Investment Report for the Month Ending January 31, 2020

**Schedule of Investment Balance Limitations (Per District investment policy)**

The source of the market valuation is as followed:

Investments (Note 1)	Total Amount Invested	% of Total	Max. Limit Allowed
Refunding Revenue Bonds - Reserve Fund (Bank of New York Mellon/LAIF)	\$54,174,054	59.46%	no limit
Blackrock Liquidity Fund - US Treasury Money Market Fund (Union Bank)	4,817	0.01%	1 yr debt pmt.
Local Agency Investment Fund (LAIF)	43,533	0.05%	no limit
	36,882,173	40.48%	65,000,000
<b>Total</b>	<b>\$91,104,577</b>	<b>100.00%</b>	

(Note 2)

Note 1: The average weighted duration for investments, excluding LAIF, is 1,006 days, which is under the assumption that callable coupons will not be called and will be held until maturity.  
 Note 2: In January 2020, Joint Powers Authority's participation in investment is \$6,268,434.48, of which \$2,252,409.25 (or 35.93%) belongs to LV.

**Bank Account Balances as of January 31, 2020:**

Bank Name	Account Type	Amount
Wells Fargo Bank	Checking	\$411,243 (Note 3)
Wells Fargo Bank	Sweep	595,285
Bank of New York Mellon	Money Market	9,149
	<b>Total</b>	<b>\$1,015,677</b>

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 March 3, 2020 Agenda:

  
 David W. Pedersen, General Manager

I HEREBY CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT

TO THE BEST OF MY KNOWLEDGE

Lynda Lo-Hill, Treasurer

Note: Gov. Agency Coupon Notes will distribute interest every six month.

1-CPNRT=1.25% to 11/18; ~~1.5% to 5/20~~; 2% to 11/20; 4% to 5/21; thereafter 6%.

3-CPNRT=1.5% to 6/18; ~~thereafter 2.25%~~.

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

Definitions

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

Investment Abbreviations

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



## LVMWD CASH ANALYSIS - January 31, 2020

	Restricted Cash	Cash Held by Policy	Policy Requirement	Available Funds
101 - Potable Water Operations		11,449,061	9,997,207	
201 - Potable Water Construction	(4,181,913)	12,993,196	11,157,814	
301 - Potable Water Replacement		8,000,000	8,000,000	
603 - Rate Stabilization Fund	(4,181,913)	32,442,257	29,155,021	(894,677)
<b>Total Potable Water</b>		9,846,166	1,100,143	
102 - Recycled Water Operations		7,524,706	2,483,887	
203 - Recycled Water Construction	(101,000)	17,370,872	3,584,030	13,685,842
302 - Recycled Water Replacement	(101,000)	13,831,721	3,291,214	
<b>Total Recycled Water</b>		10,215,579	10,285,867	
130 - Sanitation Operations	707,699	24,047,301	13,577,081	11,177,919
230 - Sanitation Construction				
330 - Sanitation Replacement				
<b>Total Sanitation</b>	707,699	24,047,301	13,577,081	11,177,919
606 & 607 - Refunding Revenue Bonds - Reserve Fund	13,966			
701 - Vested Sick Leave Reserve	1,436,158			
720 - Insurance Reserve	7,107,608	7,905,034	7,871,864	33,170
JPA				
Prepaid Connection Fees & Undistributed Interest	4,889,688			
<i>Subtotal</i>	9,872,207	81,765,463		
<b>TOTAL</b>		91,637,670		

**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.



March 3, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

**Subject : Annual Supply and Delivery of Ferric Chloride: Renewal**

**SUMMARY:**

On January 29, 2019, the Board approved a one-year purchase order to Miles Chemical Company, in the amount of \$91,487.25 (\$557.00 per dry ton), with three one-year renewal options for the annual supply and delivery of ferric chloride. Ferric chloride is used to minimize the formation of hydrogen sulfide in the raw sludge that is pumped to the Rancho Las Virgenes Composting Facility. Due to increasing costs driving volatility in the chemical market, Miles has agreed to a renewal cost of \$101,825.30 (\$620.00 per dry ton). Staff recommends accepting the renewal option and issuing a one-year purchase order with two one-year renewals.

**RECOMMENDATION(S):**

Authorize the General Manager to issue a one-year purchase order to Miles Chemical Company, in the amount of \$101,825.30, with two one-year renewal options for the supply and delivery of ferric chloride.

**FISCAL IMPACT:**

Yes

**ITEM BUDGETED:**

Yes

**FINANCIAL IMPACT:**

The cost of this action is \$101,825.30 per year, which constitutes an 11.3% increase in chemical pricing, from \$91,487.25 to \$101,825.30 annually. Sufficient funds are available in the adopted Fiscal Year 2019-20 Budget and will be recommended in future year budgets.

**DISCUSSION:**

A formal request for bids was issued for the annual supply and delivery of ferric chloride in November 2017. Three bids were received with Miles Chemical Company submitting the lowest responsible bid. The Board authorized the General Manager to issue an initial one-year purchase order, in the amount of \$75,050, with four one-year renewal options of \$80,401 each (\$489.50 per dry ton).

In January 2019, the Board authorized the first renewal, a 13.8% increase with a unit cost of \$557.00 per dry ton. The District has experienced a noticeable upward trend in its chemical costs in the last year and a half. The chemical market has shown volatility due to fluctuating raw material costs, trade restrictions, transportation costs and the impact of natural disasters. In past years, the chemical renewals were executed with little or no increases. However, only one of seven chemical contracts were renewed in the past year with an increase of 10% or less.

Due to current market conditions, it is unlikely that a new bid process would result in lower costs or an increase of less than 10%. The proposed pricing matches the bid pricing from a recent bid awarded to Miles Chemical by the City of Simi Valley. Bids were submitted by three vendors with the following results: Miles Chemical (CWT) \$620.00 per dry ton, Kemira \$641.00 per dry ton and Pencco \$750.00 per dry ton. Based on this information, staff recommends accepting the renewal offer from Miles.

**GOALS:**

Ensure Effective Utilization of the Public's Assets and Money

Accepting the renewal offer from Miles avoids the added expense of a formal bid process, while ensuring the District receives competitive pricing throughout the year based on current chemical market conditions.

Prepared by: Gretchen Bullock, Purchasing Supervisor



March 3, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

**Subject : Attendance at MWD Board and Committee Meetings: Code Change**

**SUMMARY:**

On February 4, 2020, the Board approved a motion to authorize payment for attendance at up to three Board and/or Committee meetings monthly of the Metropolitan Water District of Southern California (MWD) by any Board Member not serving as the MWD Representative. The attached resolution amends Section 2-2.106, Compensation, of the LVMWD Code, accordingly.

**RECOMMENDATION(S):**

Pass, approve and adopt proposed Resolution No. 2570, authorizing payment for attendance at up to three Board and/or Committee meetings monthly of the Metropolitan Water District of Southern California (MWD) by any Board Member not serving as the MWD Representative.

**RESOLUTION NO. 2570**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT AMENDING RESOLUTION 2468 (ADMINISTRATIVE CODE) AS IT RELATES TO DIRECTORS' COMPENSATION**

(Reference is hereby made to Resolution No. 2570 on file in the District's Resolution Book and by this reference the same is incorporated herein.)

**FISCAL IMPACT:**

No

**ITEM BUDGETED:**

No

**FINANCIAL IMPACT:**

There is a minimal financial impact as a result of this action.

**DISCUSSION:**

Compensation for Board Members is defined in Section 2-2.106 of the LVMWD Code. Currently, Board Members are compensated for each day's attendance at meetings of the Board and for each day of service rendered at the request of the Board up to a maximum of 10 days per month (per diem compensation). A Board member who also serves on the Board of the Metropolitan Water District of Southern California (MWD) may receive up to an additional 10 days of compensation.

On February 4, 2020, the Board approved a motion to provide for payment of per diem compensation for attendance at up to three Board and/or Committee meetings of MWD. The proposed revision of the LVMWD Code provides for the payment of per diem compensation for these meetings. The addition of these days does not increase the 10-day monthly maximum for per diem compensation allowed under the LVMWD Code.

Prepared by: Donald Patterson, Director of Finance and Administration

**ATTACHMENTS:**

Proposed Resolution No. 2570

**RESOLUTION NO. 2570**

**A RESOLUTION OF THE BOARD OF DIRECTORS OF  
LAS VIRGENES MUNICIPAL WATER DISTRICT  
AMENDING RESOLUTION NO. 2468 (ADMINISTRATIVE  
CODE) AS IT RELATES TO DIRECTORS' COMPENSATION**

**BE IT RESOLVED BY THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT as follows: THE BOARD OF DIRECTORS OF LAS VIRGENES MUNICIPAL WATER DISTRICT DOES RESOLVE, DECLARE, DETERMINE AND ORDER AS FOLLOWS:**

**Section 1. Purpose.**

This resolution amends Resolution No. 2468 (Administrative Code) regarding Directors' compensation.

**Section 2. Amendment.**

Section 2-2.106 of Resolution No. 2468 is amended and reenacted to read as follows:

**"Section 2-2.106: COMPENSATION.**

- (a) Each Director shall be paid \$220.00 for each day's attendance ("per diem compensation") at meetings of the Board, and for each day's service rendered as Director by request of the Board, not exceeding a total of ten (10) days in any calendar month. A Director shall be compensated for no more than one authorized meeting per day even if more than one meeting is attended in one day.
- (b) Each representative of the District on the Board of Directors of the Metropolitan Water District of Southern California shall be paid \$220.00 for each day's attendance at meetings of the Board of Directors of the Metropolitan Water District of Southern California or committees thereof, and for each day's service rendered as Director, not exceeding a total of ten (10) additional days in any calendar month. The representative shall be compensated for no more than one meeting per day even if more than one meeting is attended in one day.
- (c) Each Director, not a representative on the Board of Directors of the Metropolitan Water District of Southern California, shall be paid \$220.00 for each day's attendance at meetings of the Board of Directors of the Metropolitan Water District of Southern California or committees thereof, not exceeding a total of three (3) days in any calendar month. The Director shall be compensated for no more than one meeting per day even if more than one meeting is attended in one day.
- (d) On the first Board meeting in January of each year, compensation to each Director and each representative of the District on the Metropolitan Water District of Southern California Board of Directors may be increased prospectively up to a maximum of five percent (5%), upon approval by the Board each calendar year following the operative date of the last adjustment.

- (e) Directors, other than Directors who have not been reelected to office, and including Directors-elect, may be compensated for attending the following meetings:
  - (1) General meetings and educational seminars conducted by Association of California Water Agencies (ACWA), the California Association of Sanitation Agencies (CASA), California Water Policy Planning Committee, Association of Water Agencies of Ventura County (AWA), WaterReuse Association, Southern California Water Coalition, and California Special Districts Association (CSDA). At least annually the Board shall determine meetings for which the Board shall be compensated.
  - (2) Any meeting as appointed to serve by the Board as the Board's delegate/member.
  - (3) Directors may request, verbally to the General Manager or in writing that the Board authorize attendance at meetings and seminars conducted by other organizations on subjects related to District operations. Such request shall be considered by the Board at a meeting of the Board prior to the subject meeting or seminar. In those cases where it is not practical to consider attendance at a meeting of the Board prior to the subject meeting or seminar, the request may be considered at the next subsequent regular meeting of the Board.
- (f) Directors shall submit claims for compensation. The Secretary of the Board shall authorize payment for meetings and service and shall report such payments at a regular meeting following the month of submittal at which time the Board may ratify or disapprove payment of the claim(s).
- (g) Directors shall be entitled to per diem compensation for actual travel associated with authorized meetings or educational seminars as follows:
  - (1) For travel outside California, up to one day prior to the start of the event and one day following conclusion of the event;
  - (2) For travel in California but outside Los Angeles, Orange and Ventura Counties, up to one day prior to the start of the event or one day following conclusion of the event;  
or
  - (3) For travel in Los Angeles, Orange and Ventura Counties, per diem compensation is not normally provided for travel except under extenuating circumstances as approved by the Board.
- (h) Directors shall receive a District-paid contribution to medical insurance premiums benchmarked to 98% of Kaiser Permanente HMO Family rate.
- (i) Directors shall receive District-paid dental insurance for themselves, their spouses or domestic partner and unmarried eligible dependent children.
- (j) Directors shall receive District-paid vision insurance for themselves. Additional coverage for dependents may be purchased.

(k) Life insurance coverage equal to the sum of \$25,000 is provided by the District subject to the age reduction schedule included in the District provided plan. Directors not applying within 30 days of the start of their term will be required to provide medical evidence of insurability.”

**Section 3. Other.**

Except as provided herein, Resolution No. 2468 (Administrative Code) is hereby reaffirmed and readopted.

**PASSED, APPROVED AND ADOPTED** this 3rd day of March, 2020.

\_\_\_\_\_  
Jay Lewitt, President

ATTEST:

\_\_\_\_\_  
Charles Caspary, Secretary

(SEAL)

Approved as to Form:

\_\_\_\_\_  
District Counsel





March 3, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Facilities & Operations

**Subject : Communication Site Lease Agreement at Cordillera Tank: Amendment**

**SUMMARY:**

The District has a Communication Site Lease Agreement with AT&T, Inc., formerly New Cingular Wireless, at the Cordillera Tank. The lease term began in November 2005 and will expire on November 22, 2020, if not amended. Staff recommends amendment of the agreement with the following terms: (1) extension of the term for 10 years with an optional five-year renewal; (2) increase in the size of the premise lease area to allow for the addition of a backup emergency generator; and (3) increase in the total rental amount by \$1,000 per month, from \$2,000 to \$3,000 per month, for the additional leased area.

**RECOMMENDATION(S):**

Authorize the General Manager to execute an amendment to Communication Site Lease Agreement with AT&T, Inc., for its wireless facility at Cordillera Tank.

**FISCAL IMPACT:**

Yes

**ITEM BUDGETED:**

Yes

**FINANCIAL IMPACT:**

Execution of the amendment to the agreement will increase the lease revenue to the District by \$12,000 per year, from \$24,000 to \$36,000.

**DISCUSSION:**

AT&T, Inc., formerly New Cingular Wireless PCS, LLC, has a Communication Site Lease

Agreement for the construction, maintenance and operation of mobile/wireless communication facilities at the Cordillera Tank. The agreement became effective in November 2005 and will reach the end of its term in November 2020. In addition to extending the term of the agreement, AT&T would like to lease an additional area at the site for installation of a 30 kW diesel generator that will be placed on a new 4-foot by 10-foot concrete pad (location shown on attached agreement amendment Exhibit B-1, Sheets A-1 and A-2).

Approval of the proposed amendment to the agreement will result in the following changes: (1) extension of the term of the agreement for an additional 10 years beginning in November 2020 with an optional five-year renewal; (2) increase in the size of the premise lease area to allow for the addition of a backup emergency generator; and (3) increase in the total rent by \$1,000 per month, from \$2,000 to \$3,000 per month, for the additional leased area.

Staff reviewed the proposed modification to the lease area and does not anticipate any concerns with on-going access, maintenance and operation of the Cordillera Tank. The lessee shared the plans with the affected homeowners association and received their approval to proceed. District Counsel reviewed and approved the proposed amendment as to form. Staff recommends authorization to execute the amendment to the agreement.

**GOALS:**

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Doug Anders, Administrative Services Coordinator

**ATTACHMENTS:**

Draft Amendment to Communication Site Lease Agreement

Market: RLOS  
Cell Site Number: NL0057\_\_\_\_\_  
Cell Site Name: \_\_NL0057-01 CORDILLERRA WT  
**Fixed Asset Number: \_\_10068743\_\_\_\_\_**

**FIRST AMENDMENT TO COMMUNICATION SITE LEASE AGREEMENT**

THIS FIRST AMENDMENT TO COMMUNICATION SITE LEASE AGREEMENT (“First Amendment”) dated as of the latter of the signature dates below, is by and between the Las Virgenes Municipal Water District, a public agency, having a mailing address of 4232 Las Virgenes Road, Calabasas, CA 91302-1994 (“**Lessor**”) and New Cingular Wireless PCS, LLC, a Delaware limited liability company, having a mailing address of 1025 Lenox Park Blvd. NE, 3<sup>rd</sup> Floor, Atlanta, GA 30319 (“**Lessee**”).

WHEREAS, Lessor and Lessee entered into a Communication Site Lease Agreement dated November 22, 2005 (“Lease”), whereby Lessor leased to Lessee certain Premises, therein described, that are a portion of Lessor’s Property depicted in Exhibit A of the Lease ;

WHEREAS, Lessor and Lessee desire to amend the Lease to increase the size of the Premises; and

WHEREAS, Lessor and Lessee desire to adjust the Rent in conjunction with the modifications to the Lease contained herein; and

WHEREAS, Lessor and Lessee desire to extend the term of the Lease; and

WHEREAS, Lessor and Lessee desire to update the notice addresses contained in the Lease; and

WHEREAS, Lessor and Lessee desire, in their mutual interest, wish to amend the Lease as set forth below.

NOW THEREFORE, in consideration of the foregoing and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Lessor and Lessee agree as follows:

- 1. New Premises Area.** Lessor agrees to increase the size of the Premises leased to Lessee to accommodate Lessee’s needs. Upon the execution of this First Amendment, Lessor leases to Lessee the additional premises described on attached Exhibit B-1 (“New Premises Area”). Lessor’s execution of this First Amendment will signify Lessor’s approval of Exhibit B-1. Exhibit B-1 hereby supplements Exhibit B to the Lease. The Premises under the Lease prior to this First Amendment in addition to the New Premises Area under this First Amendment shall be the Premises under the Lease.

- 2. Generator.** Lessee shall have the right to install, repair, maintain, modify, replace, remove, utilize and operate (including but not limited to, operation as may be required by applicable law) the equipment as more completely described on attached Exhibit B-1, including without limitation a concrete pad, generator thereon, and a back-up power supply. Lessor's execution of this First Amendment will signify Lessor's approval of Exhibit B-1. Lessee shall have the right to access the Premises pursuant to the terms of the Lease. The generator shall remain the property of Lessee, and Lessee shall have the right to remove or modify said generator at any time.
- 3. Rent.** Commencing the first day of the month following commencement of installation within the New Premises Area ("Increase Commencement Date"), Rent shall be increased by One Thousand and No/100 Dollars (\$1,000.00) per month, subject to further adjustments, if any, as provided in the Lease; provided that the first such increased payment shall not be due until sixty (60) days after such Increase Commencement Date.
- 4. Term Extension.** Upon the expiration of the current Renewal Term, the term will be extended for an additional ten (10) years ("New Renewal Term"). At the end of the New Renewal Term, the Lease will be automatically renewed for one (1) additional term of five (5) years, unless Lessee provides Lessor with written notice, not less than 90 days prior to the expiration of the New Renewal Term, of its intention not to renew the Lease.
- 5. Termination.** This First Amendment may be terminated by either party, following service by one party to the other of at least sixty (60) days prior written notice setting forth the party's intention to terminate the First Amendment.
- 6. Holdover and Surrender.** At the termination of this First Amendment, Lessee shall vacate the New Premises Area in as good a condition as at the time of entry by Lessee, except for the reasonable use and wear, acts of God, or damage by casualty beyond the control of Lessee. Lessee shall leave the New Premises Area free and clear of all rubbish and debris upon vacating.
- 7. Fixtures and Improvements.** Within One Hundred Twenty (120) days of the termination of this First Amendment, Lessee shall remove its improvements, fixtures, equipment, and other personal property placed on the New Premises Area by Lessee, or under its authority, and restore the New Premises Area to the condition existing when Lessee's occupancy of the New Premises Area commenced. Lessee shall repair any damage, less ordinary wear and tear, to the New Premises Area caused by its removal activities. Should Lessee fail to remove any such improvements, fixtures, equipment, or other personal property within such time period, such items shall be deemed abandoned.
- 8. Other.** Lessor represents and warrants that, to its knowledge, no conditions exist within the New Premises Area or otherwise on Lessor's Property where the Premises and New Premises Area are located that would adversely impact Lessee's permitting and/or installation of a generator within the New Premises Area. Lessor authorizes

Lessee to prepare, execute and file all required applications to obtain any government approvals for Lessee's use of the New Premises Area under this First Amendment and agrees, at Lessee's request, to reasonably assist Lessee with such applications and with obtaining and maintaining the government approvals. Where applicable law governs how the generator will be used, Lessee may use the generator in the manner set forth under the applicable law.

- 9. Notices.** Section 19 (b) (incorrectly identified as the first 19 (c) in the Lease) of the Lease is hereby deleted in its entirety and replaced with the following:

All notices, requests, demands and communications hereunder will be given by first class certified or registered mail, return receipt requested, or by a nationally recognized overnight courier, postage prepaid, to be effective when properly sent and received, refused or returned undelivered. Notices will be addressed to the parties as follows.

If to Lessee:

New Cingular Wireless PCS, LLC  
Attn: Network Real Estate Administration  
Re: Cell Site #: NL0057; Cell Site Name: NL0057-1 CORDILLERRA WT (CA)  
Fixed Asset #: 10068743  
1025 Lenox Park Blvd. NE, 3<sup>rd</sup> Floor  
Atlanta, GA 30319

With the required copy of legal notice sent to Lessee at the address above, a copy to the Legal Department:

New Cingular Wireless PCS, LLC  
AT&T Legal Department – Network Operations  
Attn: Network Counsel  
Re: Cell Site #: NL0057; Cell Site Name: NL0057-1 CORDILLERRA WT (CA)  
Fixed Asset #: 10068743  
208 S. Akard Street  
Dallas, TX 75202-4206

With a copy to Local Contact:

New Cingular Wireless PCS, LLC  
Attn: AZ/NM Network Property Management  
1355 W. University Dr.  
Mesa, AZ 85201

If to Lessor:

Las Virgenes Municipal Water District  
Attention: David W. Pedersen, General Manager

4232 Las Virgenes Road, Calabasas, CA 91302-1994  
Phone: (818) 251-2100  
Fax: (818) 251-2149

A copy sent to the Legal Department is an administrative step which alone does not constitute legal notice. Either party hereto may change the place for the giving of notice to it by thirty (30) days prior written notice to the other as provided herein.

**10. Other Terms and Conditions Remain.** In the event of any inconsistencies between the Lease and this First Amendment, the terms of this First Amendment shall control. Except as expressly set forth in this First Amendment, the Lease otherwise is unmodified and remains in full force and effect. Each reference in the Lease to itself shall be deemed also to refer to this First Amendment. The rights granted to Lessee herein are in addition to and not intended to limit any rights of Lessee in the Lease. Unless otherwise specified herein or unless the context requires otherwise, the terms in the Lease shall apply to the New Premises Area.

**11. Capitalized Terms.** All capitalized terms used but not defined herein shall have the same meanings as defined in the Lease.

IN WITNESS WHEREOF, the parties have caused their properly authorized representatives to execute and seal this First Amendment on the dates set forth below.

“LESSOR”

By: \_\_\_\_\_  
Name: David W. Pedersen, P.E.  
Title: General Manager  
Date: \_\_\_\_\_

LESSOR ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California  
County of \_\_\_\_\_)

On \_\_\_\_\_ before me, \_\_\_\_\_  
(insert name and title of the officer)

personally appeared \_\_\_\_\_,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the  
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing  
paragraph is true and correct.

WITNESS my hand and official seal.

Signature \_\_\_\_\_

(Seal)

**"LESSEE"**

New Cingular Wireless PCS, LLC  
a Delaware limited liability company

By: AT&T Mobility Corporation

Its: Manager

By:

Name: James Stickney

Title: Director C & E

Date: 12/30/19

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California  
County of \_\_\_\_\_)

On \_\_\_\_\_ before me, \_\_\_\_\_  
(insert name and title of the officer)

personally appeared \_\_\_\_\_,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature \_\_\_\_\_

(Seal)

*all attached*



## ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California  
County of Orange)

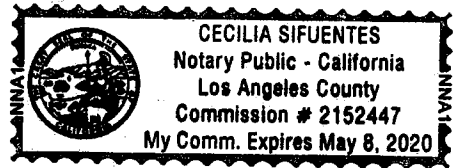
On December 30, 2019 before me, Cecilia Sifuentes - Notary Public  
(insert name and title of the officer)

personally appeared James Stickney  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in  
his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the  
person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature *Cecilia Sifuentes* (Seal)



**EXHIBIT B-1**  
**NEW PREMISES AREA**  
Page 1 of 13

to the First Amendment to Communication Site Lease Agreement dated \_\_\_\_\_, 2019, by and between LAS VIRGENS MUNICIPAL WATER DISTRICT, as Lessor, and New Cingular Wireless PCS, LLC, a Delaware limited liability company, as Lessee.

The New Premises Area is described and/or depicted as follows: (see attached 12 pages)

**Notes:**

1. THIS EXHIBIT MAY BE REPLACED BY A LAND SURVEY AND/OR CONSTRUCTION DRAWINGS OF THE PREMISES ONCE RECEIVED BY LESSEE.
2. ANY SETBACK OF THE PREMISES FROM THE PROPERTY'S BOUNDARIES SHALL BE THE DISTANCE REQUIRED BY THE APPLICABLE GOVERNMENTAL AUTHORITIES.
3. WIDTH OF ACCESS ROAD SHALL BE THE WIDTH REQUIRED BY THE APPLICABLE GOVERNMENTAL AUTHORITIES, INCLUDING POLICE AND FIRE DEPARTMENTS.
4. THE TYPE, NUMBER AND MOUNTING POSITIONS AND LOCATIONS OF ANTENNAS AND TRANSMISSION LINES ARE ILLUSTRATIVE ONLY. ACTUAL TYPES, NUMBERS AND MOUNTING POSITIONS MAY VARY FROM WHAT IS SHOWN ABOVE.



**GENERAL DYNAMICS**  
Wireless Services  
6684 SOUTH DAVENLAND DR, SITE B  
TEMPE, AZ 85283  
480-296-7460



SITE NUMBER  
10068743  
PROJECT  
GENERATOR ADD  
SITE NAME  
CORDILLERA WT  
24800 CORDILLERA DR  
CALABASAS, CA 91302

SEAL



FA #: 10068743	DESCRIPTION	DATE	REV
	FINAL CONSTRUCTION DRAWINGS	07/11/19	0
	GENERATOR CHANGE	11/08/19	1

SHEET TITLE	
TITLE SHEET	
SHEET NUMBER	
T-1	

# 10068743 - CORDILLERA WT GENERATOR ADD 24800 CORDILLERA DR CALABASAS, CA 91302 30kw GENERATOR UPGRADE CONST. DRAWINGS



**APPLICABLE BLDG. CODES AND STANDARDS**  
SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (LAJ) FOR THE LOCATION OF THE WORK. THE LATEST EDITION OF ALL ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

**ELECTRICAL CODES:**  
INTERNATIONAL BUILDING CODE (IBC), 2015 AS ADOPTED BY THE LOCAL JURISDICTION  
NATIONAL ELECTRICAL CODE (NEC) 2014 AS ADOPTED BY THE LOCAL JURISDICTION  
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 70 - 2015, NATIONAL ELECTRICAL CODE AS ADOPTED BY THE LOCAL JURISDICTION  
LASHING PROTECTION CODE

**STRUCTURAL CODES:**  
SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:  
CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONSTRUCTION  
AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, ASD, THIRTEENTH EDITION  
ANSI/TIA 222-G, STRUCTURAL STANDARDS FOR ANTENNA SUPPORTING STRUCTURES AND AIRFRAMES

**TELECOMMUNICATIONS:**  
TIA 607, COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS  
INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 61, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS  
IEEE 1100, SAFETY WITH ELECTRICAL EQUIPMENT  
IEEE 1101, SAFETY WITH ELECTRIC EQUIPMENT

**TELECOM CODES:**  
IEEE C2 NATIONAL ELECTRIC SAFETY CODE, LATEST VERSION  
TELECOMIA GR-1276, GENERAL INSTALLATION REQUIREMENTS  
ANSI T1.311, FOR TELECOM - DC POWER SYSTEMS - TELECOM, ENVIRONMENTAL PROTECTION

**CONVENING CODES IF APPLICABLE:**  
2016 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE  
2016 CALIFORNIA BUILDING CODE  
2016 CALIFORNIA ELECTRICAL CODE  
2016 CALIFORNIA PLUMBING CODE  
2016 CALIFORNIA ENERGY CODE  
2016 CALIFORNIA FIRE ALARM AND SIGNALING STANDARDS CODE  
2016 CALIFORNIA REFERENCE STANDARDS CODE  
2016 CALIFORNIA NFA 13 - INSTALLATION OF FIRE SPRINKLERS  
2016 CALIFORNIA NFA 72 - NATIONAL FIRE ALARM AND SIGNALING CODE

**SCALING DRAWINGS**  
SUBCONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, & CONDITIONS OF THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR THE SAME.

IF USING 11"x17" PLOT, DRAWINGS WILL BE AT HALF SCALE

**VICINITY MAP**  
DIRECTIONS FROM AT&T OFFICE: 1462 EDINGER AVE, TUSTIN, CA 92780  
TURN LEFT ON EDINGER AVE, USE THE LEFT TWO LANES TO TURN LEFT ONTO THE STATE ROUTE 99 S RAMP, MERGE ONTO STATE RTE 99 S, USE THE RIGHT TWO LANES TO TAKE EXIT ON TO STATE ROUTE 101 N, MERGE ONTO STATE ROUTE 101 N, TAKE EXIT 30 TOWARD PARKWAY CALABASAS, USE THE LEFT TWO LANES TO TURN LEFT ONTO VENTURA BLVD, USE THE LEFT TWO LANES TO TURN LEFT AT THE CROSS STREET ONTO PARKWAY CALABASAS, TURN RIGHT ONTO PARK ENTRADA.



**DIG INFO**  
811  
TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES RELATIVE TO YOUR DIG, CALL 811.  
TOLL FREE: 1-800-227-2600 OR  
www.digitert.org  
FOR MORE INFORMATION, VISIT 811.CA.GOV  
Know what's below.  
Call before you dig.  
811  
FOR MORE INFORMATION, VISIT 811.CA.GOV

**PROJECT DESCRIPTION**  
• INSTALL NEW DIESEL GENERATOR WITH SUBBASE FUEL TANK ON NEW CONCRETE PAD.  
• INTEGRATE EXISTING SERVICE WITH NEW GENERATOR.  
• REMOVE EXISTING GENERATOR, SWITCH AND NEW CAMLOCK TOGETHER.  
• REMOVE & CAP EXISTING CAMLOCK.

**PROJECT INFORMATION**  
SITE ADDRESS: 24800 CORDILLERA DR  
CALABASAS, CA 91302  
EXISTING USE: TELECOMMUNICATIONS FACILITY  
NEW USE: TELECOMMUNICATIONS FACILITY  
CONSTRUCTION TYPE: 2009-078-900  
A.P.N.  
LATITUDE: 34° 08' 42.010" N  
LONGITUDE: 118° 40' 7.869" W  
JURISDICTION: CITY OF CALABASAS

DRAWING INDEX		REV
10068743-T-1	TITLE SHEET	1
10068743-GN-1	GENERAL NOTES	1
10068743-A-1	OVERALL SITE PLAN	1
10068743-A-2	ENLARGED EQUIPMENT PLAN	1
10068743-A-3	EXISTING AND NEW ELEVATION	1
10068743-S-1	FOUNDATION DETAILS	1
10068743-E-1	ONE-LINE DIAGRAM	1
10068743-E-2	ELECTRICAL DETAILS	1
10068743-E-3	GROUNDING DETAILS	1
10068743-GD-1	GENERAC INSTALLATION DETAILS	1
10068743-SG-1	SIGNAGE DETAILS	1
10068743-G-1	GROUNDING DETAILS	1

SITE PROJECT PARTICIPANTS		
NAME	COMPANY	NUMBER
TIM BURMER	FM GROUP, INC.	602-277-7877
LANDLORD JOHN ZAHO	LAS VIRGENES MUNICIPAL WATER DISTRICT	T.B.D.
SAC MNGR LORRAINE DAVIES	GENERAL DYNAMICS WIRELESS SERVICES	480-435-1646
CONST MNGR TIM WILCOX	GENERAL DYNAMICS WIRELESS SERVICES	480-286-3458

**GENERAL NOTES:**

- FOR THE PURPOSE OF CONSTRUCTION DRAWING, THE FOLLOWING DEFINITIONS SHALL APPLY:  
 CONTRACTOR - GENERAL DYNAMICS  
 SUBCONTRACTOR - GENERAL CONTRACTOR (CONSTRUCTION)  
 OWNER - GENERAL EQUIPMENT MANUFACTURE
- PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING SUBCONTRACTOR SHALL VISIT THE CELL SITE TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS AND TO CONFIRM THAT THE WORK SHOWN ON THESE DRAWINGS IS ACCURATE. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO THE ATTENTION OF CONTRACTOR.
- ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL CODES, ORDINANCES, REGULATIONS AND APPLICABLE REGULATIONS. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE NATIONAL AND LOCAL ELECTRICAL CODES, ORDINANCES, REGULATIONS AND APPLICABLE REGULATIONS. ALL WORK ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF THE WORK, ALL WORK ORDERS SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS.
- DELETED
- UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
- DELETED
- MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
- SUBCONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
- SUBCONTRACTOR SHALL DETERMINE ACTUAL ROUTING OF CONDUIT, POWER AND T1 CABLES, GROUNDING CABLES AS SHOWN ON THE POWER, GROUNDING AND T1 PLAN DRAWING. SUBCONTRACTOR SHALL UTILIZE EXISTING TRAYS AND/OR SHALL ADD NEW TRAYS AS NECESSARY. SUBCONTRACTOR SHALL CONFIRM THE ACTUAL ROUTING WITH THE CONTRACTOR. ROUTING OF TRAYS SHALL BE APPROVED BY CONTRACTOR.
- SUBCONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF OWNER.
- SUBCONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OFF ALL SCRAP MATERIALS SUCH AS COAXIAL CABLES AND OTHER ITEMS REMOVED FROM THE EXISTING FACILITY. ANTENNAS REMOVED SHALL BE RETURNED TO THE OWNER'S DESIGNATED LOCATION.
- SUBCONTRACTOR SHALL LEAVE PREMISES IN CLEAN CONDITION.
- ALL CONCRETE REPAIR WORK SHALL BE DONE IN ACCORDANCE WITH AMERICAN CONCRETE INSTITUTE (ACI) 301.
- ANY NEW CONCRETE NEEDED FOR THE CONSTRUCTION SHALL HAVE 4000 PSI STRENGTH AT 28 DAYS UNLESS OTHERWISE SPECIFIED. ALL CONCRETING WORK SHALL BE DONE IN ACCORDANCE WITH ACI 318 CODE REQUIREMENTS.
- ALL STRUCTURAL STEEL WORK SHALL BE DONE IN ACCORDANCE WITH AISC SPECIFICATIONS. CONSTRUCTION SHALL COMPLY WITH SPECIFICATION 25741-00-34FS-0002-0002, "GENERAL CONSTRUCTION SERVICES."
- SUBCONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO COMMENCING ANY WORK. ALL DIMENSIONS OF EXISTING CONSTRUCTION SHALL BE VERIFIED. SUBCONTRACTOR SHALL NOTIFY THE CONTRACTOR OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
- THE EXISTING CELL SITE IS IN FULL COMMERCIAL OPERATION. ANY CONSTRUCTION WORK BY SUBCONTRACTOR SHALL NOT DISRUPT THE EXISTING NORMAL OPERATION. ANY WORK ON EXISTING EQUIPMENT MUST BE COORDINATED WITH THE CONTRACTOR. ALSO, WORK MAY NEED TO BE SCHEDULED FOR AN APPROPRIATE MAINTENANCE WINDOW USUALLY IN LOW TRAFFIC PERIODS AFTER MIDDAY.
- SINCE THE CELL SITE MAY BE ACTIVE, ALL SAFETY PRECAUTIONS MUST BE TAKEN WHEN WORKING AROUND HIGH LEVELS OF ELECTROMAGNETIC RADIATION. EQUIPMENT SHOULD BE SHUTDOWN PRIOR TO PERFORMING ANY WORK THAT COULD EXPOSE THE WORKERS TO DANGEROUS LEVELS OF ELECTROMAGNETIC RADIATION. POSITIVE MONITORS ARE REQUIRED TO BE WORK TO ALERT OF ANY DANGEROUS EXPOSURE LEVELS.

**ELECTRICAL INSTALLATION NOTES:**

- WRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC AND TELLORDA.
- SUBCONTRACTOR SHALL VERIFY EXISTING CABLE TRAY SYSTEM IS REQUIRED TO SUPPORT RF AND TRANSPARENT CABLES TO THE NEW BTS EQUIPMENT. SUBCONTRACTOR SHALL SUBMIT MODIFICATIONS TO CONTRACTOR FOR APPROVAL.
- ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC AND TELLORDA.

**ELECTRICAL INSTALLATION NOTES CONT.:**

- CABLES SHALL NOT BE ROUTED THROUGH LOWER-STYLE CABLE TRAY RIMS.
- EACH END OF EVERY POWER, GROUNDING, AND T1 CONDUCTOR AND CABLE SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (AM BRAND, 1/2" HIGH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC & OSHA, AND MATCH EXISTING INSTALLATION REQUIREMENTS.
- POWER PHASE CONDUCTORS (I.E. WIRTS) SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (AM BRAND, 1/2" HIGH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). CONDUCTOR COLOR CODES SHALL CONFORM WITH THE NEC & OSHA AND MATCH EXISTING INSTALLATION REQUIREMENTS.
- ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH ENGRAVED LABELS. ALL EQUIPMENT SHALL BE LABELED WITH THEIR VOLTAGE RATING. PHASE CONDUCTORS SHALL BE LABELED WITH THEIR PHASE IDENTIFICATION. CONCENTRATIONS, POWER OR AMPACITY RATING, AND BRANCH CIRCUIT ID NUMBERS (I.E. PANELBOARD AND CIRCUIT ID'S).
- PANELBOARDS (ID NUMBERS) AND INTERNAL CIRCUIT BREAKERS (CIRCUIT ID NUMBERS) SHALL BE CLEARLY LABELED WITH ENGRAVED LAMINATED PLASTIC LABELS.
- ALL TRAYS WIRING PERMITTED SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES. USE LOW PROFILE TIE WRAPS.
- POWER, CONTROL, AND EQUIPMENT GROUND WIRING IN TRAYS OR CONDUIT SHALL BE SINGLE CONDUCTOR (12 AWG OR LARGER), 600 V, OIL RESISTANT THIN OR THIN-2, CLASS B STRANDED COPPER CABLE LISTED FOR 90 °C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
- SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE CONDUCTOR (6 AWG OR 8 AWG) OIL RESISTANT THIN OR THIN-2 GREEN INSULATION, CLASS B STRANDED COPPER CABLE LISTED FOR 90 °C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
- SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED OUTDOORS, OR BELOW GRADE, SHALL BE SINGLE CONDUCTOR (2 AWG) OIL RESISTANT THIN OR THIN-2 GREEN INSULATION, CLASS B STRANDED COPPER CABLE LISTED FOR 90 °C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
- POWER, WIRING, NOT IN TRAY OR CONDUIT, SHALL BE MULTI-CONDUCTOR, TYPE TC CABLE (12 AWG OR LARGER), 600 V, OIL RESISTANT THIN OR THIN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90 °C (WET AND DRY) OPERATION; WITH OUTER JACKET, LISTED OR LABELED FOR THE LOCATION USED, UNLESS OTHERWISE SPECIFIED.
- ALL POWER AND GROUNDING CONNECTIONS SHALL BE CRIMP-STYLE COMPRESSION WIRE LUGS AND WRENCHETS BY THOMAS AND BETTS (OR EQUAL), LUGS AND WRENCHETS SHALL BE RATED FOR OPERATION AT NO LESS THAN 75°C (165 °C AVAILABLE).
- RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEC, UL, ANSI/IEEE, AND IEC.
- NEW RACEWAY OR CABLE TRAY WILL MATCH THE EXISTING INSTALLATION WHERE POSSIBLE.
- ELECTRICAL METALLIC TUBING (EMT) OR RIGID NONMETALLIC CONDUIT (I.E. RIGID PVC SCHEDULE 40, OR RIGID PVC SCHEDULE 80 FOR LOCATIONS SUBJECT TO PHYSICAL DAMAGE) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
- ELECTRICAL METALLIC TUBING (EMT), ELECTRICAL NONMETALLIC TUBING (ENT), OR RIGID NONMETALLIC CONDUIT (RIGID PVC, SCHEDULE 40) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.
- GALVANIZED STEEL INTERMEDIATE METALLIC CONDUIT (IMC) SHALL BE USED FOR OUTDOOR LOCATIONS ABOVE GRADE.
- RIGID NONMETALLIC TUBING (I.E. RIGID PVC SCHEDULE 40 OR RIGID PVC SCHEDULE 80) SHALL BE USED UNDERGROUND, DIRECT BURIED, IN AREAS OF OCCASIONAL LIGHT VEHICLE TRAFFIC OR ENCASED IN REINFORCED CONCRETE IN AREAS OF HEAVY VEHICLE TRAFFIC.
- LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
- CONDUIT AND TRAY FITTINGS SHALL BE TUBESUD OR COMPRESSION-TYPE AND APPROVED FOR THE LOCATION USED. SETSCREW FITTINGS ARE NOT ACCEPTABLE.
- CHEMISTS, BOXES, AND WIREWAYS SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEC, UL, ANSI/IEEE, AND IEC.
- CHEMISTS, BOXES, AND WIREWAYS TO MATCH THE EXISTING INSTALLATION WHERE POSSIBLE.
- DOWNSHAFTS SHALL BE EPoxy-COATED (GRAY) AND INCLUDE A HINKE COVER, DESIGNED TO SWING OPEN DOWNWARD. SHALL BE PANELKIT TYPE E (OR EQUAL), AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
- EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES, AND PULL BOXES SHALL BE GALVANIZED OR EPoxy-COATED SHEET STEEL. SHALL MEET OR EXCEED UL 50, AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
- ALL RECEPTABLE SWITCH, AND DEVICE BOXES SHALL BE GALVANIZED, EPoxy-COATED, OR NON-CORRODING. SHALL MEET OR EXCEED UL 50, AND NEMA 1; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.

**ELECTRICAL INSTALLATION NOTES CONT.:**

- NONMETALLIC RECEPTABLE SWITCH, AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
  - THE SUBCONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CONTRACTOR BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.
  - THE SUBCONTRACTOR SHALL FURNISH NECESSARY TACKING ON THE BREAKERS COVERS AND DISTRIBUTION PANELS. THE SUBCONTRACTOR SHALL FURNISH APPLICABLE CODES AND STANDARDS TO SAFEGUARD AGAINST LIFE AND PROPERTY.
- GROUNDING NOTES:**
- THE SUBCONTRACTOR SHALL REVIEW AND INSPECT THE EXISTING FACILITY GROUNDING SYSTEM AND LIGHTNING PROTECTION SYSTEM (AS DESIGNED AND INSTALLED FOR STRICT COMPLIANCE WITH THE NEC (AS ADOPTED BY THE STATE OF ARIZONA)) AND TELLORDA. THE SUBCONTRACTOR SHALL VERIFY THE GROUNDING CODES AND GENERAL COMPLIANCE WITH TELLORDA AND THE GROUNDING STANDARDS. THE SUBCONTRACTOR SHALL REPORT ANY VIOLATIONS OR ADVISE FINISHES TO THE CONTRACTOR FOR RESOLUTION.
  - ALL GROUND ELECTRODE SYSTEMS (INCLUDING TELECOMMUNICATION, RADIO, LIGHTNING PROTECTION AND AC POWER GROUND) SHALL BE BOUND TOGETHER, AT OR BELOW GRADE, BY TWO OR MORE COPPER BONDING CONDUCTORS IN ACCORDANCE WITH THE NEC.
  - THE SUBCONTRACTOR SHALL PERFORM IEEE FULL-OF-POTENTIAL RESISTANCE TO EARTH TESTING (SEE IEEE 1100 AND 81) FOR ALL NEW GROUND ELECTRODE SYSTEMS. THE SUBCONTRACTOR SHALL FURNISH AND INSTALL SUPPLEMENTAL GROUND ELECTRODES AS NEEDED TO ACHIEVE A TEST RESULT OF 5 OHMS OR LESS. TESTS SHALL BE PERFORMED IN FACILITY GROUNDING FOR CELL SITES.
  - METAL RACEWAY SHALL NOT BE USED AS THE NEG REQUIRED EQUIPMENT GROUNDING CONDUCTOR. STRANDED COPPER CONDUCTORS WITH GREEN INSULATION SHALL BE USED FOR ALL SUPPLEMENTAL SUPPLEMENTAL GROUNDING AND INSTALLED WITH THE POWER CIRCUITS TO ITS EQUIPMENT.
  - EACH BTS CABINET FRAME SHALL BE DIRECTLY CONNECTED TO THE MASTER GROUNDING CONDUCTOR THROUGH AN APPROVED SUPPLEMENTAL STRANDED COPPER FOR OUTDOOR BTS.
  - EXOTHERMIC WELDS SHALL BE USED FOR ALL GROUNDING CONNECTIONS BELOW GRADE.
  - APPROVED ANTI-OXIDANT COATINGS (I.E., CONDUCTIVE GEL OR PASTE) SHALL BE USED ON ALL COMPRESSION AND BOLTED GROUND CONNECTIONS.
  - ICE BRIDGE BONDING CONDUCTORS SHALL BE EXTERNALLY BONDED OR BOLTED WITH STAINLESS STEEL HARDWARE TO THE BRIDGE AND THE TOWER GROUND BAR.
  - ALUMINUM CONDUCTOR OR COPPER CLAD STEEL CONDUCTOR SHALL NOT BE USED FOR GROUNDING CONNECTIONS.
  - MISCELLANEOUS ELECTRICAL AND NON-ELECTRICAL METAL BOXES, FRAMES AND SUPPORTS SHALL BE BONDED TO THE GROUND RING, IN ACCORDANCE WITH THE NEC.
  - METAL CONDUIT AND TRAY SHALL BE GROUNDING AND MADE ELECTRICALLY CONTINUOUS WITH LISTED BONDING FITTINGS OR BY BONDING ACROSS THE DISCONTINUITY WITH 6 AWG COPPER WIRE UL APPROVED GROUNDING TYPE CONDUIT CLAMP.
  - GROUND CONDUCTORS USED IN THE FACILITY GROUND AND LIGHTNING PROTECTION SYSTEMS SHALL NOT BE ROUTED THROUGH METALLIC OBJECTS THAT FORM A LOOP AROUND THE CONDUCTOR, SUCH AS METALLIC CONDUITS, METAL SUPPORT CLIPS OR SLEEVES THROUGH WALLS OR FLOORS. WHEN IT IS REQUIRED TO BE HOUSED IN CONDUIT, IT SHALL BE HOUSED IN NON-METALLIC CONDUIT. NON-METALLIC CONDUIT SHALL BE UNBONDABLE (E.G., NON-METALLIC CONDUIT PROHIBITED BY LOCAL CODE). THE GROUND CONDUCTOR SHALL BE BONDED TO EACH END OF THE METAL CONDUIT.
  - ALL TOWER GROUNDING SYSTEMS SHALL COMPLY WITH THE REQUIREMENTS OF TELLORDA. ALL TOWER GROUNDING SYSTEMS SHALL BE BONDED TO THE TOWER AND THE BONDED GROUND RING SHALL BE CHANGED FROM 2 AWG TO 2/0 AWG. IN ADDITION, THE MINIMUM LENGTH OF THE GROUND RODS SHALL BE INCREASED FROM 6 FEET TO 10 FEET.
  - ALL RISERS & EXPOSED CONDUIT TO BE SCHEDULE 80.



**GENERAL DYNAMICS**  
 Wireless Services  
 8684 SOUTH DAVENLAND DR, STE B  
 TEMPE, AZ 85283  
 480-288-7460

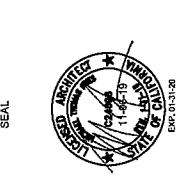


**EMV GROUP INC**  
 1974 N. 77th STREET  
 SUITE 100-100  
 SCOTTSDALE, AZ 85258

SITE NUMBER  
 10068743

PROJECT  
**GENERATOR ADD**

SITE NAME  
 CORDILLERA VT  
 24800 CORDILLERA DR  
 CALABASAS, CA 91302



DRAMA BY: RC	CHECKED BY: RC	APPROVED BY: TW
REV	DATE	DESCRIPTION
0	07/11/19	FINAL CONSTRUCTION DRAWINGS
1	11/08/19	GENERATOR CHANGE

**FA #: 10068743**

SHEET TITLE  
**GENERAL NOTES**

SHEET NUMBER  
**GN-1**



**GENERAL DYNAMICS**  
Wireless Services  
8684 SOUTH DAVENLAND DR, SITE B  
TEMPE, AZ 85283  
480-298-7460



15074 N. 77th STREET  
SCOTTSDALE, AZ 85258

SITE NUMBER  
**10068743**  
PROJECT  
**GENERATOR ADD**  
SITE NAME  
**CORDILLERA WT**  
24800 CORDILLERA DR  
CALABASAS, CA 91302

SEAL



**FA #: 10068743**

DRAWN BY: RC CHECKED BY: RC APPROVED BY: TW

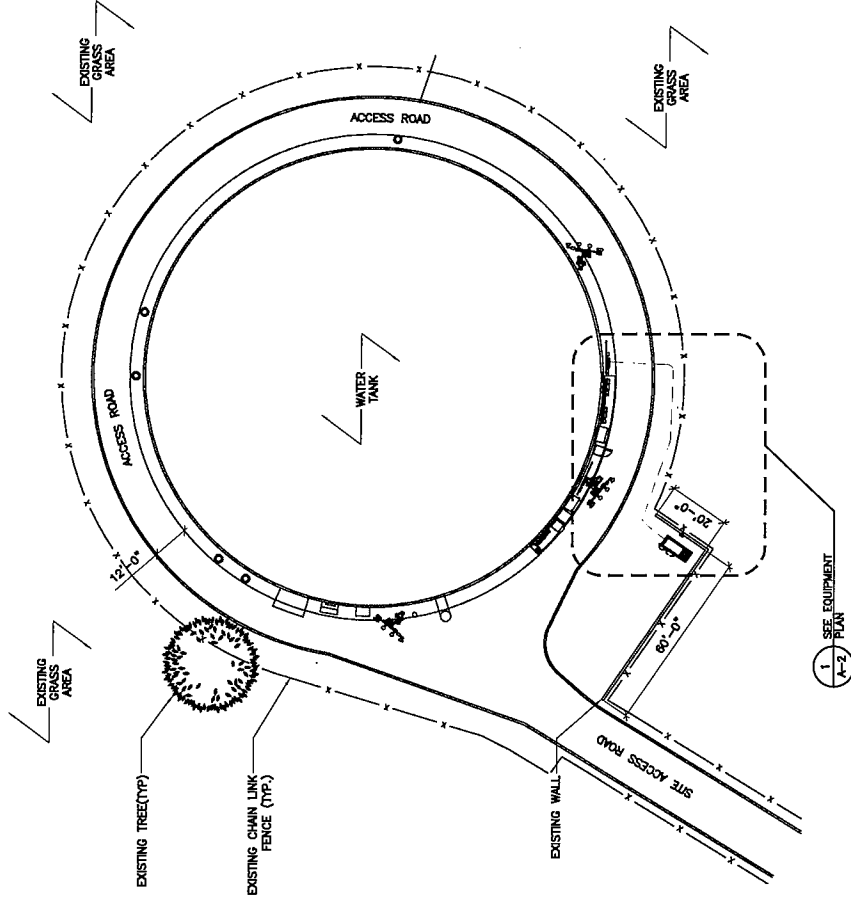
REV	DATE	DESCRIPTION
0	07/11/19	FINAL CONSTRUCTION DRAWINGS
1	11/08/19	GENERATOR CHANGE

SHEET TITLE

**OVERALL SITE PLAN**

SHEET NUMBER

**A-1**



**SCOPE OF WORK NOTES:**

- GENERAL:
  - NEW GENERAL DIESEL GENERATOR PROVIDED BY GENERAL DYNAMICS AND INSTALLED BY GENERAL CONTRACTOR.
  - NEW 4'-0" X 10'-0" CONCRETE PAD PROVIDED AND INSTALLED BY GENERAL CONTRACTOR (AS REQUIRED) SEE GENERAL DYNAMICS TRANSFER SWITCH PROVIDED BY GENERAL DYNAMICS AND INSTALLED BY CONTRACTOR (AS REQUIRED) SEE E-3 & E-4
  - CONTRACTOR TO VERIFY ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. SHALL RESTORE AND REPAIR ANY DAMAGED AREAS CAUSED BY CONSTRUCTION TO ORIGINAL OR BETTER CONDITION.
- CONDUITS:
  - INSTALL PULL STRING IN EACH CONDUIT
  - (1) NEW 2" AND (1) NEW 1" ELECTRICAL CONDUITS WITH CONDUITORS TO RUN FROM NEW GENERATORS TO NEW ATS. CONDUIT PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. SEE E-1, E-2, & E-3
  - CONDUIT WITH CONDUITORS TO RUN FROM NEW GENERATOR TO A/C PANEL. CONDUIT PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. SEE E-1, E-2 & E-3
  - (1) NEW 1" ALARM CONDUIT AND CABLES PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. SEE E-1, E-2 & E-3.
- GROUNDING:
  - NEW EXOTHERMIC CONNECTION FROM EXISTING GROUND RING TO NEW MECHANICAL CONNECTION AT GENERATOR CHASSIS. CONTRACTOR TO VERIFY LOCATION IN FIELD. LOCATE GROUND RODS NO MORE THAN 16'-0" APART
- H-FRAME:
  - PROVIDE NEW H-FRAME IF REQUIRED. USE ALL GALVANIZED WEATHER RESISTANT METALS FOR ALL STRUCTURES. WEATHER CAPS ON TOPS OF PIPES AND CONCRETE SUPPORTS BELOW FROST LINE. TOP OF FOOTING SHOULD BE AT LEAST 2" ABOVE EXISTING GROUND LEVEL. SLOPE THE GROUND AWAY FROM THE H-FRAME FOR POSITIVE WATER DRAINAGE OFF THE FORM.



FULL SCALE 1" = 20'  
HALF SCALE 1" = 40'

OVERALL SITE PLAN



**GENERAL DYNAMICS**  
Wireless Services  
6884 SOUTH DAVENLAND DR., STE. B  
TEMPE, AZ 85283  
480-288-7460



15974 N. 27th STREET  
SCOTTSDALE, AZ 85255

SITE NUMBER  
10068743  
PROJECT  
GENERATOR ADD  
SITE NAME  
CORDILLERA WT  
24800 CORDILLERA DR  
CALABASAS, CA 91302

SEAL



**FA #: 10068743**

DRAWN BY: RC CHECKED BY: RC APPROVED BY: TW

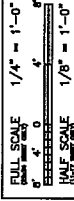
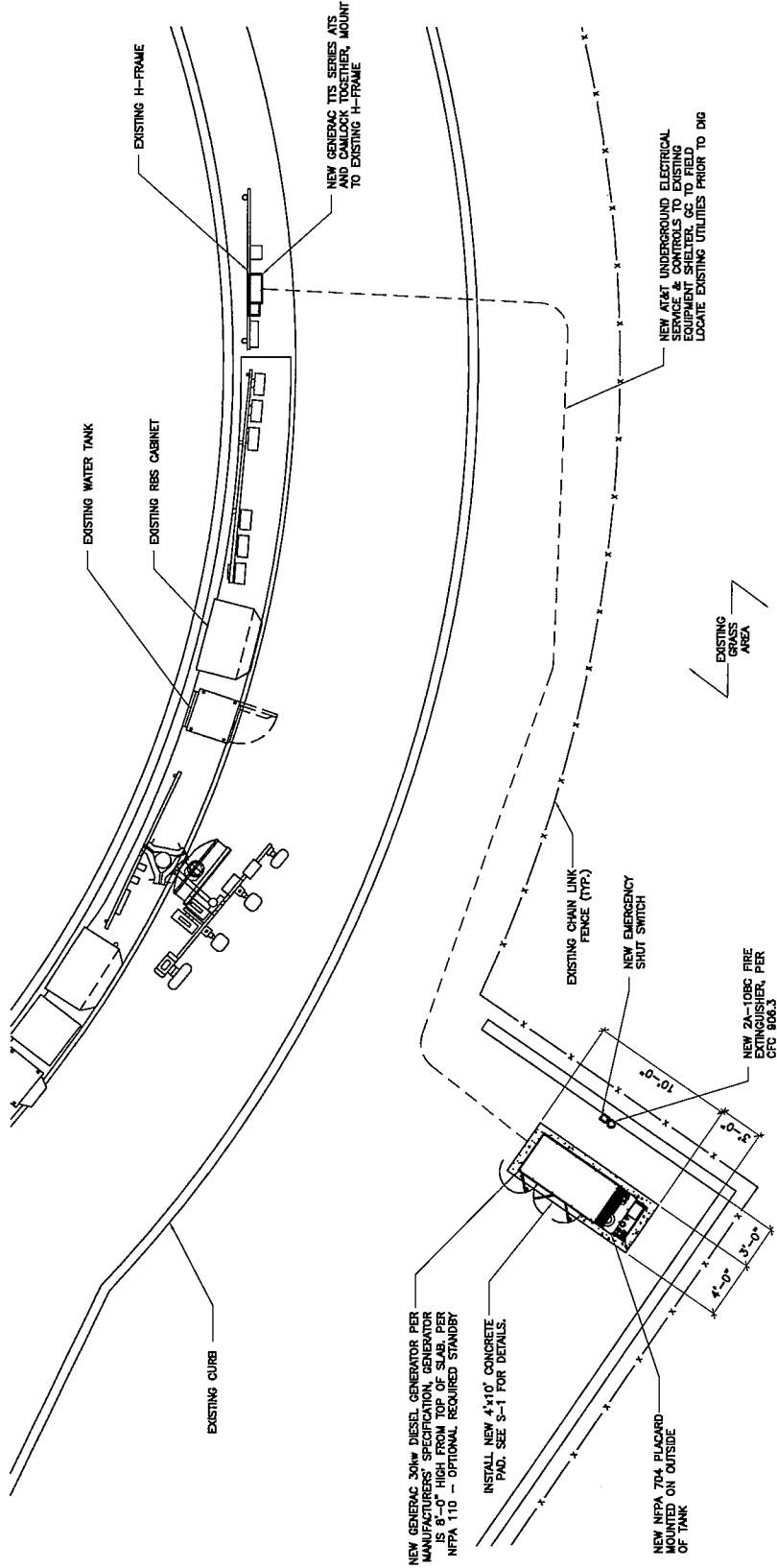
REV	DATE	DESCRIPTION
1	11/08/18	GENERATOR CHANGE
0	07/11/18	FINAL CONSTRUCTION DRAWINGS

SHEET TITLE  
**ENLARGED EQUIPMENT PLAN**

SHEET NUMBER  
**A-2**

**NOTE: MUST MAINTAIN A MIN OF 10" FROM SHELTER DOOR TO GEN EXHAUST**

- FIRE DEPARTMENT NOTES:**
1. OCPA INSPECTION REQUIRED; SCHEDULE AT ELAST 2 DAYS IN ADVANCE. AT714-573-8150
  2. A 20-BC PORTABLE FIRE EXTINGUISHER WILL BE PROVIDED BY THE TANK MANUFACTURER.
  3. A CSD PERMIT FOR THE TANK WILL BE ISSUED BY OCPA INSPECTOR.
  4. STORAGE AREAS SHALL BE KEPT FREE OF WEEDS AND EXTRANEOUS COMBUSTIBLE MATERIALS.
  5. WITHIN 25 FEET OF THE STORAGE TANK.



ENLARGED EQUIPMENT PLAN



**GENERAL DYNAMICS**  
Wireless Services  
8884 SOUTH DAVENLAND DR, SITE B  
TEMPE, AZ 85283  
480-288-7460



SITE NUMBER  
10068743  
PROJECT  
GENERATOR ADD  
SITE NAME  
CORDILLERA WT  
24800 CORDILLERA DR  
CALABASAS, CA 91302

SEAL



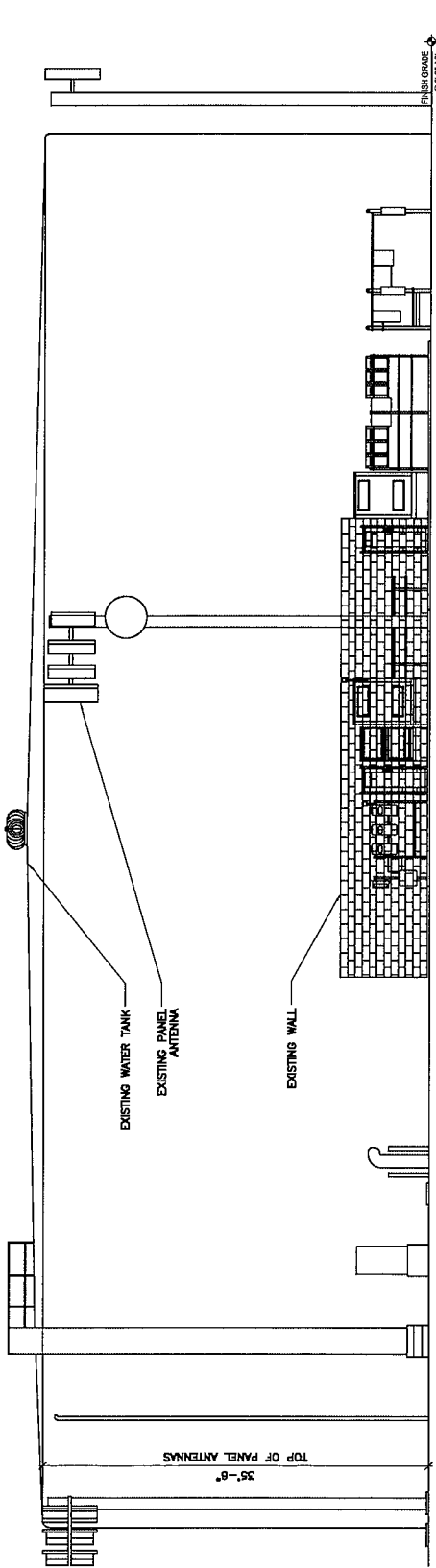
**FA #: 10068743**

DRAWN BY: RC CHECKED BY: RC APPROVED BY: TW

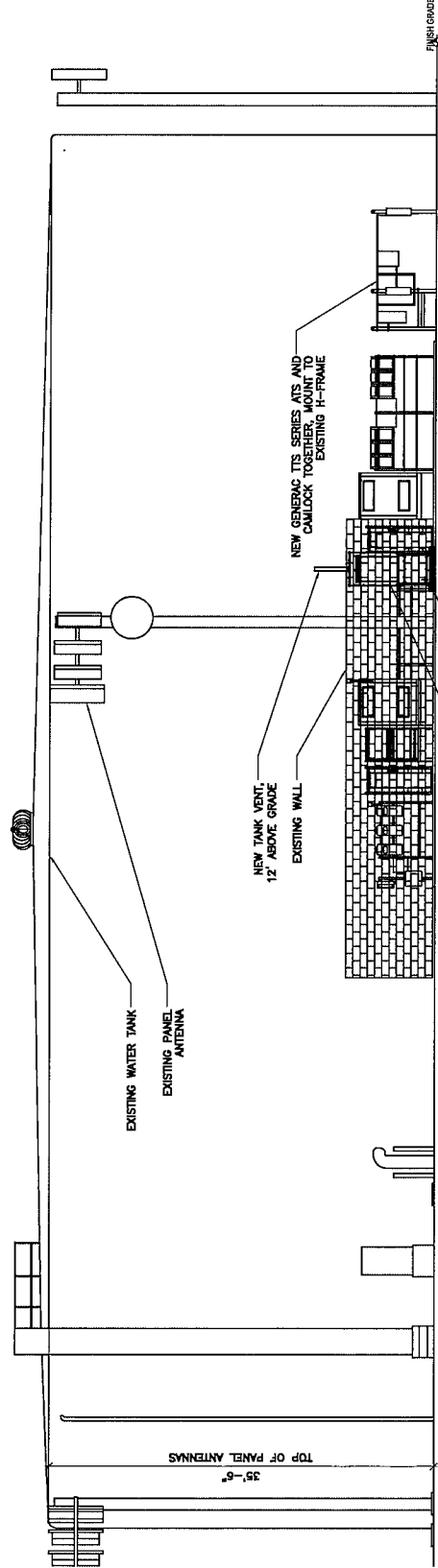
REV	DATE	DESCRIPTION
1	11/08/19	GENERATOR CHANGE
0	02/11/19	FINAL CONSTRUCTION DRAWINGS

SHEET TITLE  
**EXISTING AND NEW  
ELEVATION**

SHEET NUMBER  
**A-3**



EXISTING SOUTH ELEVATION



NEW SOUTH ELEVATION



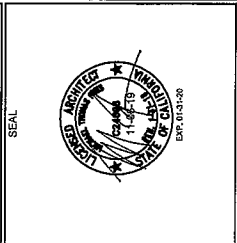




**GENERAL DYNAMICS**  
Wireless Services  
8664 SOUTH DAVENLAND DR, STE B  
TEMPE, AZ 85283  
480-298-7460



SITE NUMBER  
10068743  
PROJECT  
GENERATOR ADD  
SITE NAME  
CORDILLERA WT  
24600 CORDILLERA DR  
CALABASAS, CA 91302



FA #: 10068743	DESCRIPTION	DATE	REV
11/08/19	FINAL CONSTRUCTION DRAWINGS	07/11/19	0
11/08/19	GENERATOR CHANGE	11/08/19	1

DRAWN BY: RC CHECKED BY: HC APPROVED BY: TW  
SHEET TITLE  
ONE-LINE DIAGRAM  
SHEET NUMBER  
E-1

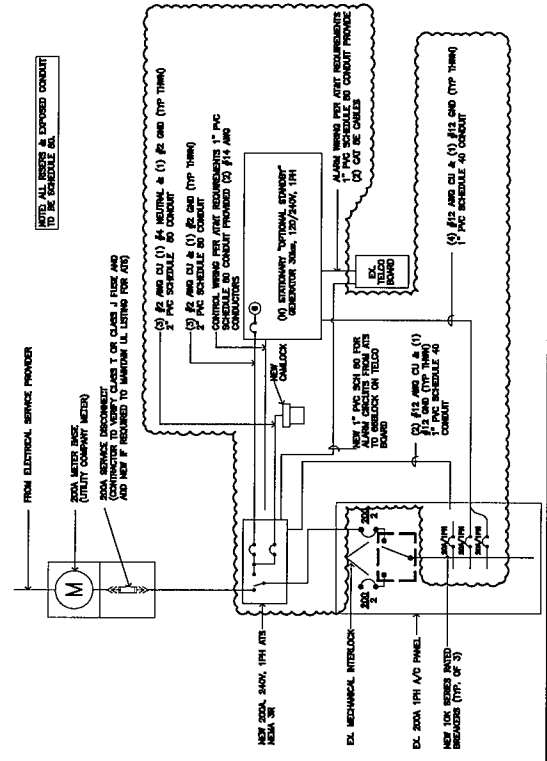
**DIAGRAM CIRCUIT SCHEDULE**

GENERATOR ALARM WIRING		ATS ALARMS WIRING	
66 BLOCK	GENERATOR	66 BLOCK & ATS NAMED SAME	
GEN RUN	GEN RUNNING	COMMERCIAL POWER FAIL	
GEN FAIL	GEN SHUT DOWN	TVSS	
GEN MAJOR	GEN COMMON ALARM	ATS ENABLE	
LOW FUEL	LOW FUEL		
FUEL LEAK	RUPTURED BASIN		

NOTE: CONTRACTOR TO LABEL WIRES WITH P-TOUCH OR SIMILAR LABELS ONLY. ABSOLUTELY NO HANDWRITTEN LABELS.

NOTE: ALL ALARMS NEED TO BE TERMINATED INSIDE OF GENERATOR BY GC. ALL ALARMS NEED TO BE TO EXISTING ACTIVE 66 BLOCK.

**3 ALARM WIRING IDENTIFICATION CHART**

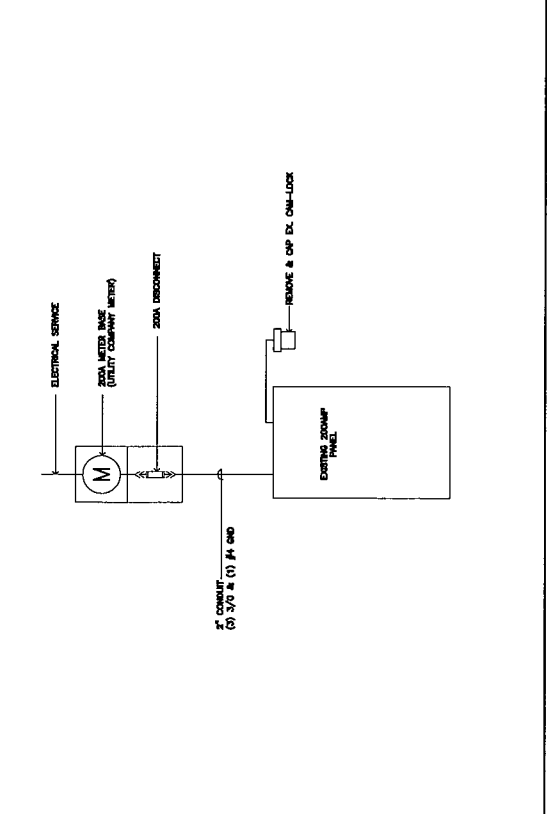


**4 NEW ONE LINE WIRING DIAGRAM**

**DIAGRAM CIRCUIT SCHEDULE**

NO.	FROM	TO	WIRES	GROUND	CONDUIT SIZE	FUNCTION
1	NORMAL POWER SOURCE	PANEL WITH AUTOMATIC TRANSFER SWITCH	(3) #2	(1) #4	2"	NORMAL POWER FEEDER TO PANEL AND ATS
2	GENERATOR	PANEL WITH AUTOMATIC TRANSFER SWITCH	(3) #2	(1) #4	2"	EMERGENCY POWER FEEDER TO ATS
3	AUTOMATIC TRANSFER SWITCH	GENERATOR	(3) #2	(1) #2	2"	FUNCTION
4	PANEL	GENERATOR	(4) #12	(1) #10	2"	HEATER AND BATTERY CHARGER
5	PANEL	AUTOMATIC TRANSFER SWITCH	(2) #12	(1) #12	2"	ATS CONTROLLER
6	ATS	GENERATOR	(2) #14	N/A	2"	NO VOLTAGE ON THESE JUST A CONTACT
7	GENERATOR	TELECO BOARD	(2) #14	N/A	2"	NO VOLTAGE ON THESE JUST A CONTACT
8	AUTOMATIC TRANSFER SWITCH	TELECO BOARD	(2) #14	N/A	2"	NO VOLTAGE ON THESE JUST A CONTACT

**CIRCUIT DETAIL**



**EXISTING ONE LINE DIAGRAM**



**GENERAL DYNAMICS**  
Wireless Services  
6664 SOUTH DANIEL DR, STE B  
TEMPE, AZ 85283  
480-296-7460



**FM GROUP INC**  
15974 N. 27th STREET  
SCOTTSDALE, AZ 85258

**GENERAL DYNAMICS**  
PROJECT  
10068743

**GENERATOR ADD**  
SITE NAME  
CORDILLERA WT  
24800 CORDILLERA DR  
CALABASAS, CA 91302

SEAL



**FA #: 10068743**

DRAWN BY: RC CHECKED BY: RC APPROVED BY: TW

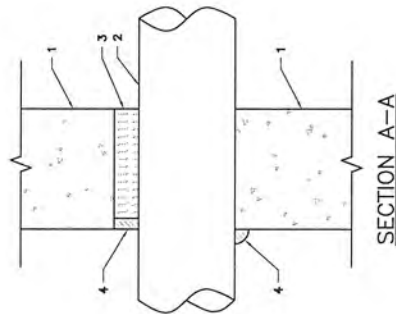
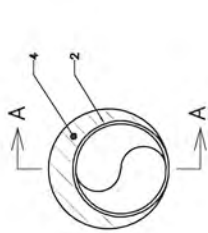
SHEET TITLE  
**ELECTRICAL DETAILS**

SHEET NUMBER  
**E-2**

UL SYSTEM NO. C-JA-1100  
GENERAL INFORMATION TO ALL DESIGN  
CONTRACTORS:  
1. FINISH = 2 HR

- FLOOR OR WALL ASSEMBLY: MINIMUM 4"-1/2" THICK CONCRETE. WALL MUST BE CONSTRUCTED OF ANY UL LISTED CONCRETE BLOCKS. JOINTS OF CONCRETE SHALL BE REINFORCED WITH #4 REBAR. THE REINFORCEMENT SHALL BE INSTALLED WITHIN THE PRECAST CONCRETE OR CONCRETE SHALL BE REINFORCED ON BOTH SIDES OF FLOOR OR WALL. REINFORCEMENT SHALL BE INSTALLED WITHIN THE PRECAST CONCRETE OR CONCRETE TO MAINTAIN 1"-3/4" CLEARANCE FROM ALL REINFORCING BARS. THE FOLLOWING TYPES AND SIZES OF REINFORCING BARS ARE PERMITTED:  
A. STEEL PIPE - NOMINAL 1/2" DIAMETER (OR SMALLER) SCHEDULE 40 (OR HEAVIER) STEEL PIPE.  
B. STEEL PIPE - NOMINAL 1/2" DIAMETER (OR SMALLER) OR EXACTLY SIZED PIPE.  
C. CONDUIT - NOMINAL 1/2" DIAMETER (OR SMALLER) STEEL CONDUIT.  
D. CONDUIT - NOMINAL 1/2" DIAMETER (OR SMALLER) STEEL CONDUIT.
- FRAMING MATERIAL: MINIMUM 2" THICKNESS OF LAM 4.0 PLY OR 2" THICKNESS OF LAM 5.0 PLY SHALL BE USED AS A PERMANENT FORM. FRAMING MATERIAL TO BE REINFORCED WITH #4 REBAR. THE REINFORCEMENT SHALL BE INSTALLED WITHIN THE PRECAST CONCRETE OR CONCRETE TO MAINTAIN 1"-3/4" CLEARANCE FROM ALL REINFORCING BARS. THE FOLLOWING TYPES AND SIZES OF REINFORCING BARS ARE PERMITTED:  
A. STEEL PIPE - NOMINAL 1/2" DIAMETER (OR SMALLER) SCHEDULE 40 (OR HEAVIER) STEEL PIPE.  
B. STEEL PIPE - NOMINAL 1/2" DIAMETER (OR SMALLER) OR EXACTLY SIZED PIPE.  
C. CONDUIT - NOMINAL 1/2" DIAMETER (OR SMALLER) STEEL CONDUIT.  
D. CONDUIT - NOMINAL 1/2" DIAMETER (OR SMALLER) STEEL CONDUIT.
- FRAMING MATERIAL: MINIMUM 2" THICKNESS OF LAM 4.0 PLY OR 2" THICKNESS OF LAM 5.0 PLY SHALL BE USED AS A PERMANENT FORM. FRAMING MATERIAL TO BE REINFORCED WITH #4 REBAR. THE REINFORCEMENT SHALL BE INSTALLED WITHIN THE PRECAST CONCRETE OR CONCRETE TO MAINTAIN 1"-3/4" CLEARANCE FROM ALL REINFORCING BARS. THE FOLLOWING TYPES AND SIZES OF REINFORCING BARS ARE PERMITTED:  
A. STEEL PIPE - NOMINAL 1/2" DIAMETER (OR SMALLER) SCHEDULE 40 (OR HEAVIER) STEEL PIPE.  
B. STEEL PIPE - NOMINAL 1/2" DIAMETER (OR SMALLER) OR EXACTLY SIZED PIPE.  
C. CONDUIT - NOMINAL 1/2" DIAMETER (OR SMALLER) STEEL CONDUIT.  
D. CONDUIT - NOMINAL 1/2" DIAMETER (OR SMALLER) STEEL CONDUIT.
- FRAMING MATERIAL: MINIMUM 2" THICKNESS OF LAM 4.0 PLY OR 2" THICKNESS OF LAM 5.0 PLY SHALL BE USED AS A PERMANENT FORM. FRAMING MATERIAL TO BE REINFORCED WITH #4 REBAR. THE REINFORCEMENT SHALL BE INSTALLED WITHIN THE PRECAST CONCRETE OR CONCRETE TO MAINTAIN 1"-3/4" CLEARANCE FROM ALL REINFORCING BARS. THE FOLLOWING TYPES AND SIZES OF REINFORCING BARS ARE PERMITTED:  
A. STEEL PIPE - NOMINAL 1/2" DIAMETER (OR SMALLER) SCHEDULE 40 (OR HEAVIER) STEEL PIPE.  
B. STEEL PIPE - NOMINAL 1/2" DIAMETER (OR SMALLER) OR EXACTLY SIZED PIPE.  
C. CONDUIT - NOMINAL 1/2" DIAMETER (OR SMALLER) STEEL CONDUIT.  
D. CONDUIT - NOMINAL 1/2" DIAMETER (OR SMALLER) STEEL CONDUIT.

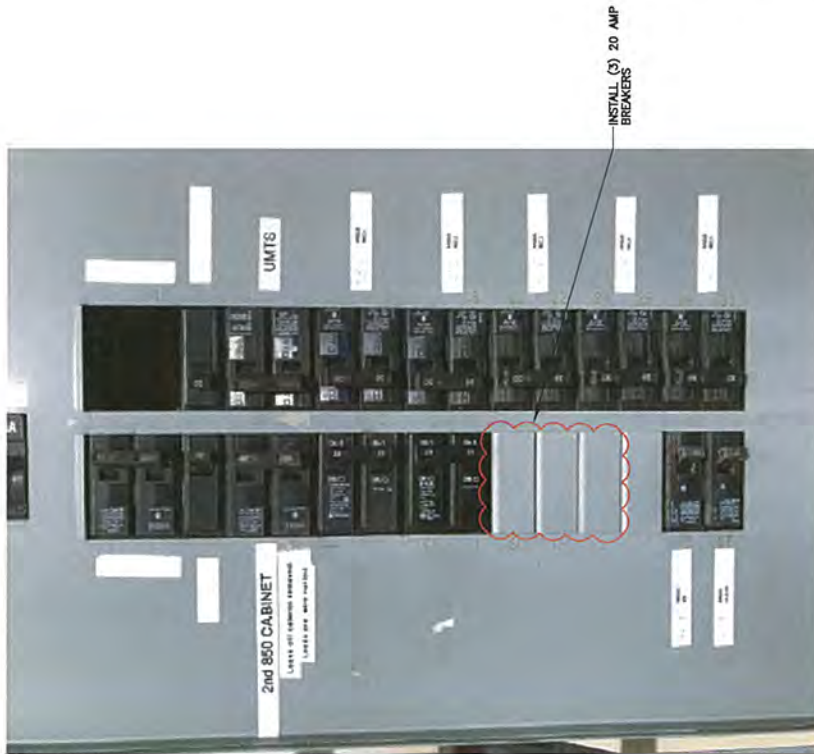
UL SYSTEM NO. C-JA-1100  
GENERAL INFORMATION TO ALL DESIGN  
CONTRACTORS:  
1. FINISH = 2 HR



NOTE: IF EXISTING CONSTRUCTION VARIES FROM THIS DETAIL, THE CONTRACTOR SHALL PROVIDE AN APPROPRIATE PENETRATION DETAIL FOR THE EXISTING WALL. THE WALL SHALL BE CONSTRUCTED TO ACCOMMODATE THE REQUIRED THICKNESS OF THE PENETRATION DETAIL.

NOTE: GC SHALL USE NON-SHRINKING CALK TO WEATHERSEAL ALL PENETRATIONS INTO OR THROUGH SHELTER WALL.

OUTER WALL PENETRATION DETAIL (IF APPLICABLE)

NOTE: CONTRACTOR TO UTILIZE NEXT AVAILABLE IN SEQUENCE SINGLE BREAKER POSITION FOR GENERATOR, BATTERY CHARGER, BATTERY HEATER AND BLOCK HEATER.

NOTE: CONTRACTOR TO LABEL WIRES IN P-TOUCH OR SIMILAR LABELS ONLY. ABSOLUTELY NO HANDWRITTEN LABELS

EXISTING PANEL PHOTO

3 CAWELD DETAILS

1

2



**GENERAL DYNAMICS**  
Wireless Services  
6664 SOUTH DAVENPORT DR, STE B  
TEMPE, AZ 85283  
480-296-7460



**EM GROUP INC**  
3577 W. 7TH STREET  
SUITE 200, AZ 85283

**GENERAL DYNAMICS**  
10068743  
PROJECT  
GENERATOR ADD  
SITE NAME  
CORDILLERA WT  
24800 CORDILLERA DR  
CALABASAS, CA 91302

SEAL



**FA #: 10068743**

DRAWN BY: RC CHECKED BY: RC APPROVED BY: TW

DESCRIPTION

DATE

REV

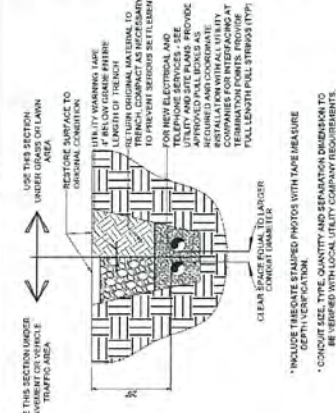
0 07/11/19 FINAL CONSTRUCTION DRAWINGS

1 11/08/19 GENERATOR CHANGE

SHEET TITLE  
**GROUNDING DETAILS**

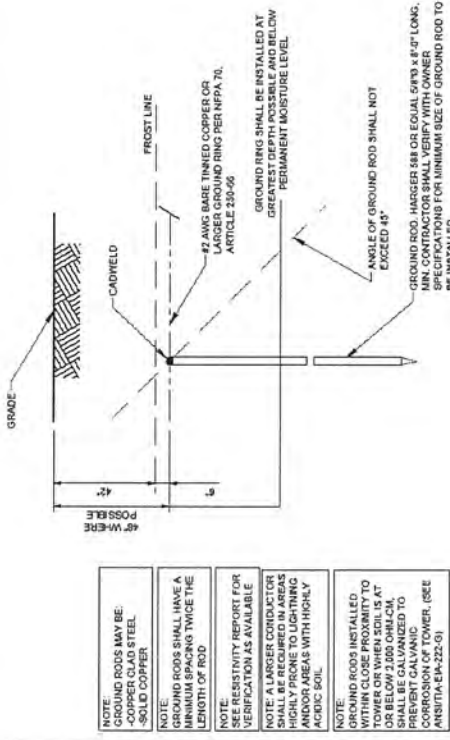
SHEET NUMBER  
**E-3**

TYPE OF WIRING METHOD OR CIRCUIT	MINIMUM COVER REQUIREMENT, 8, 10, OR 60 VOLTS, MINIMUM BURIAL IN INCHES
ROD METAL CONDUIT OR DIRECT BURIAL CONDUCTORS	6 INCHES
ALL LOCATIONS NOT SPECIFIED BELOW	6 INCHES
IN TRENCH BELOW 2 INCH TRENCH DEPTH OR EQUIVALENT	18 INCHES
UNDER STREETS OR HIGHWAYS	24 INCHES
COVER IS DEFINED AS THE SHORTEST DISTANCE IN INCHES FROM THE SURFACE OF THE DIRECT BURIED CONDUCTOR, CABLE, CONDUIT, OR OTHER TO SIMILAR COVER, TOP SURFACE OF PAVING OR CONCRETE, OR SIMILAR COVER.	
RESILIENT WIRING 1/4" BELOW GRADE FOR THE ENTIRE	
INCHES, #11 LACT 2" OR SAND BELL ABOVE CONDUIT AND 2" OF SAND BED BELOW THE CONDUIT.	



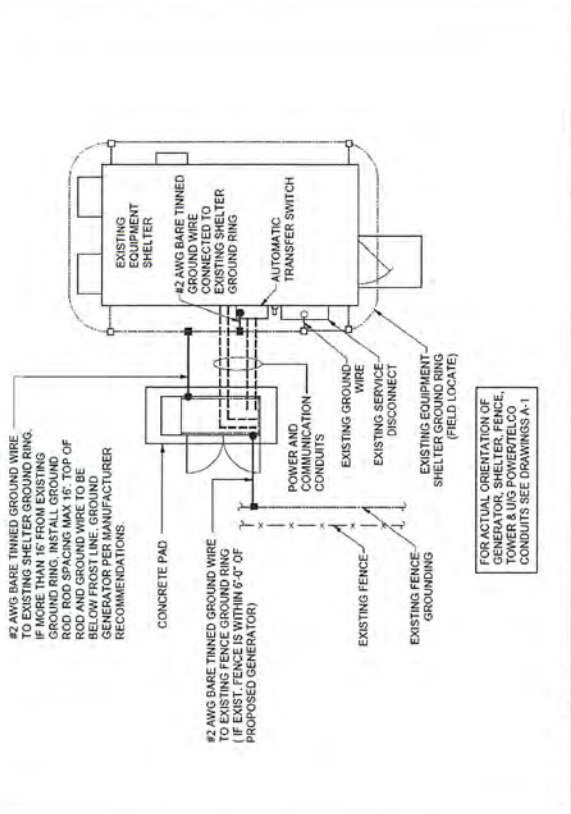
\* INCLUDE TRENCH STAINED PHOTOS WITH TAPE MEASURE  
\* CONDUIT SIZE, TYPE, QUANTITY AND SEPARATION DIMENSION TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS.

**1 CONDUCTOR BURIAL REQUIREMENTS**



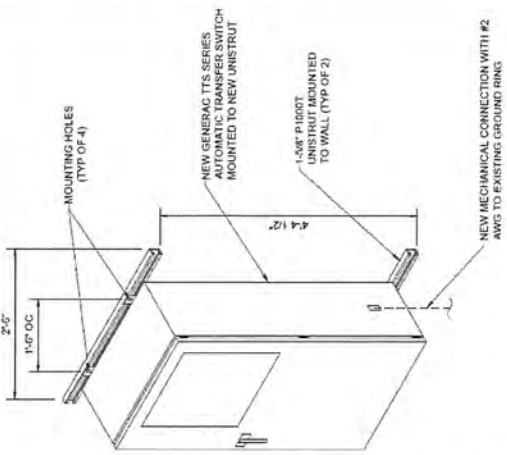
NOTE: GROUND RODS MAY BE: 4-CORNER LOAD STEEL, SOLID COPPER  
NOTE: ALL RODS SHALL HAVE A MINIMUM SPACING TWICE THE LENGTH OF ROD  
NOTE: SEE RESISTIVITY REPORT FOR VERIFICATION AS AVAILABLE  
NOTE: A LARGER CONDUCTOR SHALL BE REQUIRED IN AREAS HIGHLY PRONE TO LIGHTNING AND AREAS WITH HIGHLY ACIDIC SOIL  
NOTE: ALL RODS INSTALLED WITHIN CLOSE PROXIMITY TO TOWER OR WHEN SOIL IS AT OR BELOW 2,000 OHM-CM, SHALL BE GALVANIZED TO PREVENT GALVANIC CORROSION OF TOWER. (SEE ANSITM-EM-222-0)

**2 GROUND ROD DETAIL**



FOR ACTUAL ORIENTATION OF GENERATOR, SHELTER, FENCE, TOWER & U/S POWER/TELECO CONDUITS. SEE DRAWINGS A-1

**3 GROUND SITE PLAN**



WALL CONSTRUCTION TYPE	UNISTRUT MOUNTING CHART	USE
HOLLOW	3/8"Ø TOGGLE BOLT	
HOLLOW AT STUD	3/8"Ø LAG SCREW	
CONCRETE BLOCK/HOLLOW	7/16"Ø HLT HY-20 WITH SCREEN MINIMUM EMBEDMENT 2-1/2"	
CONCRETE (SOLID)	7/16"Ø HLT HY-150 WITH SCREEN MINIMUM EMBEDMENT 2-1/2"	

NOTE: USE GALVANIZED OR STAINLESS STEEL HARDWARE FOR WALL MOUNT AND CONNECTION OF CHANNELS  
NOTE: ICC SHALL USE NON-SHRINKING CAULK TO WEATHER PENETRATIONS INTO OR THROUGH SHELTER WALL

**4 INTERSECT ATS MOUNTING DETAIL**





**GENERAL DYNAMICS**  
Wireless Services  
8684 SOUTH DAVENLAND DR. STE B  
TEMPE, AZ 85283  
480-298-7460



SITE NUMBER  
10068743  
PROJECT  
GENERATOR ADD  
SITE NAME  
CORDILLERA WT  
24800 CORDILLERA DR  
CALABASAS, CA 91302

SEAL



FA #: 10068743

DRAWN BY: RC CHECKED BY: RC APPROVED BY: TW

DESCRIPTION

FINAL CONSTRUCTION DRAWINGS

GENERATOR CHANGE

11/08/19

07/11/19

REVISIONS

DATE

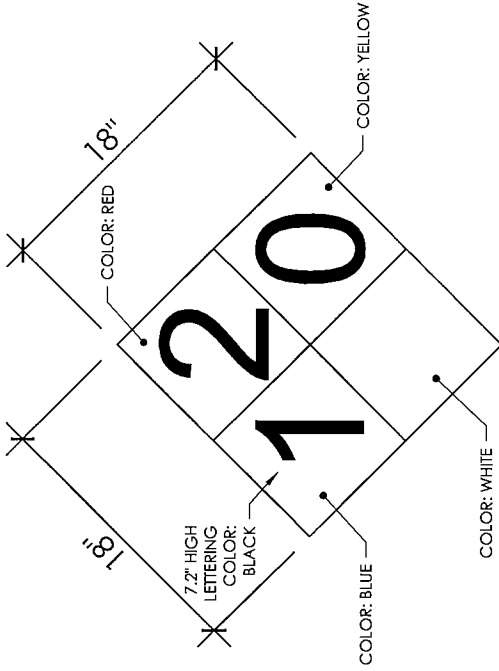
DESCRIPTION

SHEET TITLE

SG-1

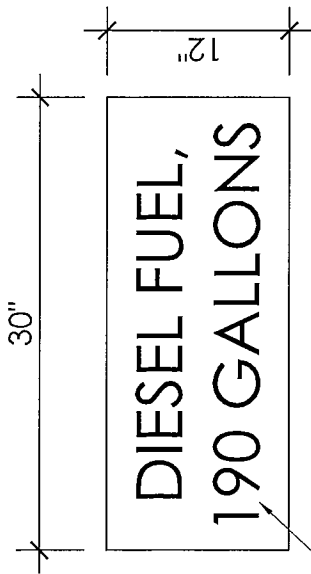
SHEET NUMBER

SG-1



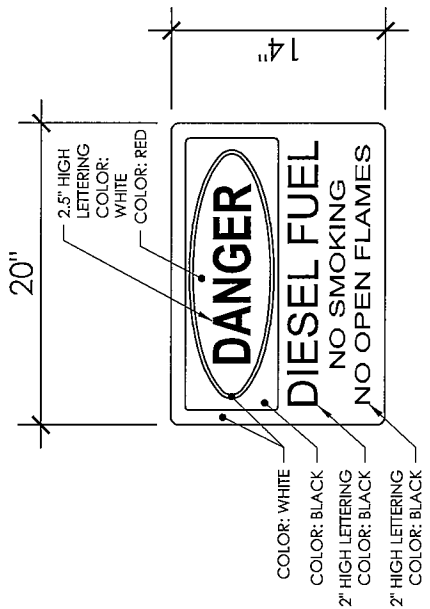
PLACED ON (2) VISIBLE SIDES OF  
(P) GENERATOR TANK

3 NFPA 740 DIESEL FUEL SIGN DETAIL



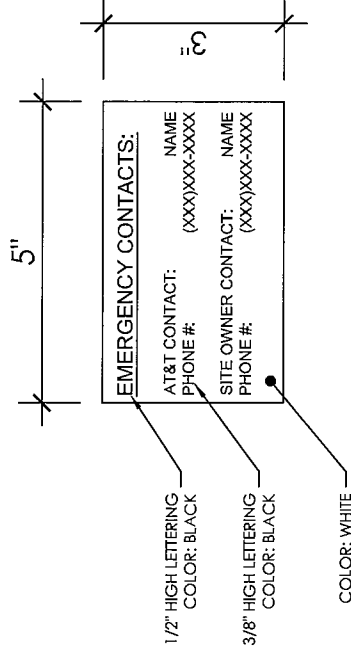
PLACED ON (2) VISIBLE SIDES OF  
(P) GENERATOR TANK

1 FUEL SIGN DETAIL



PLACED ON VISIBLE SIDE OF  
(P) GENERATOR TANK

4 NO SMOKING / NO OPEN FLAMES DETAIL



PLACED ON EXTERIOR OF (E) SHELTER  
OR NEAR (E) AT&T LEASE AREA

2 EMERGENCY CONTACT SIGN

**GENERAL DYNAMICS**  
Wireless Services  
8884 SOUTH DAYLAND DR, STE B  
TEMPE, AZ 85283  
480-286-7460

FMI GROUP INC  
5750 N. WILLOW AVE, SUITE 100  
MESA, AZ 85205

SITE NUMBER  
**10068743**  
PROJECT  
**GENERATOR ADD**  
SITE NAME  
**CORDILLERA WT**  
24800 CORDILLERA DR  
CALABASAS, CA 91302

SEAL  
STATE OF CALIFORNIA  
1850  
1850

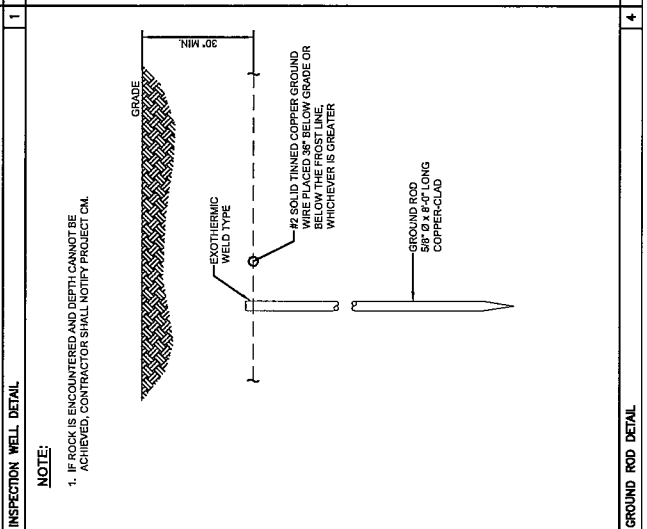
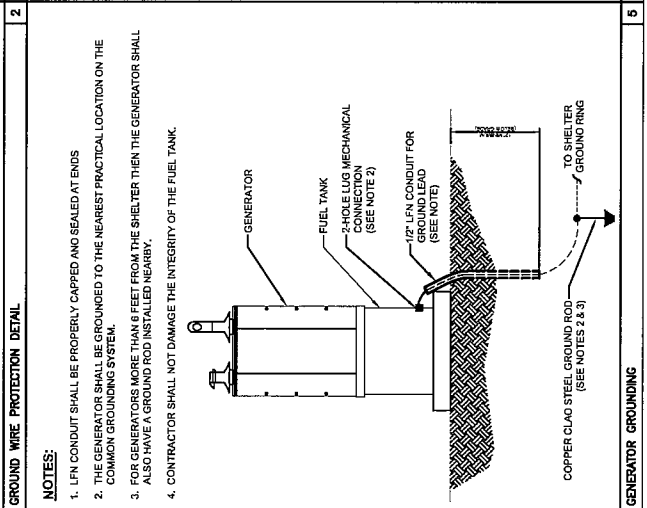
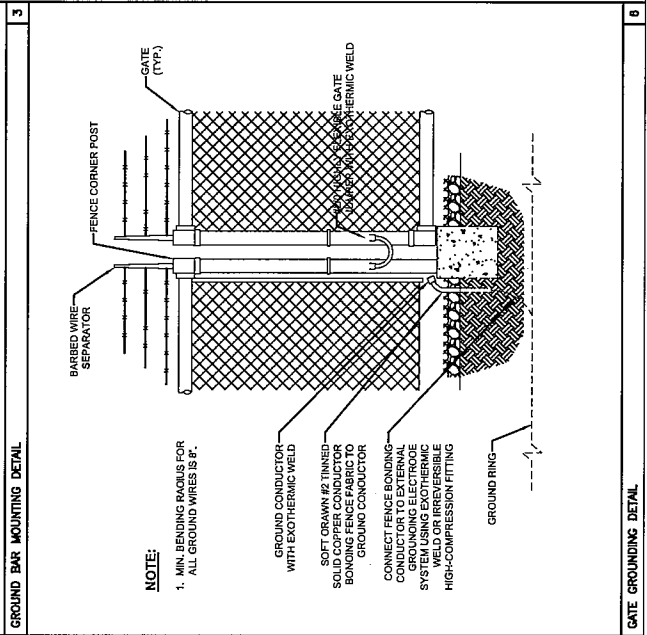
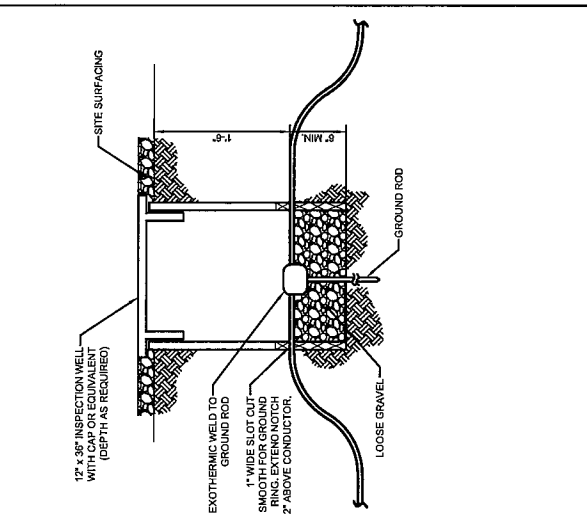
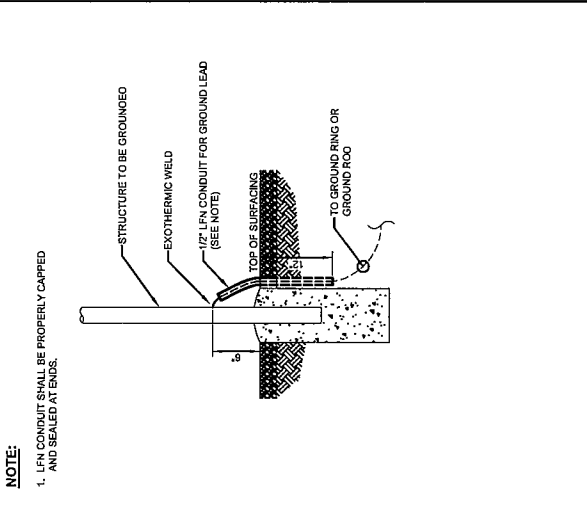
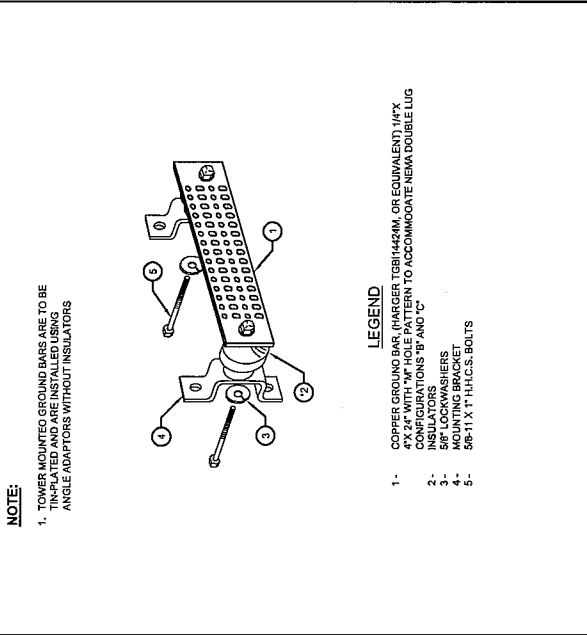
**FA #: 10068743**

REV	DATE	DESCRIPTION
0	07/11/18	FINAL CONSTRUCTION DRAWINGS
1	11/08/19	GENERATOR CHANGE

DRAWN BY: RC    CHECKED BY: RC    APPROVED BY: TM

**GROUNDING DETAILS**

SHEET NUMBER  
**G-1**





March 3, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Engineering and External Affairs

**Subject : Jim Bridger Road and Long Valley Road Pipeline Replacements: Approval of Scope Change**

**SUMMARY:**

On October 15, 2019, the Board approved a scope change to add the replacement of a portion of the potable water pipeline along Long Valley Road to the Jim Bridger Pipeline Replacement Project (Phase 2), which is currently being designed by CannonCorp Engineering Consultants (Cannon). The project consists of replacing a deteriorated 8-inch asbestos cement pipe (ACP) with new 8-inch polyvinyl chloride (PVC) pipe from Lasher Road to Hilltop Road. However, the design of the pipeline along Long Valley Road required more resources than originally anticipated due to congested utilities in the roadway. Staff recommends approval of a scope change, in the amount of \$5,798, to complete the scope of work.

**RECOMMENDATION(S):**

Authorize the General Manager to execute Scope Change No. 2 to CannonCorp Engineering Consultants, in the amount of \$5,798, for the Jim Bridger Pipeline Replacement Project (Phase 2), and appropriate an additional \$11,596 to replace the existing, deteriorated pipeline along Long Valley Road, from Lasher Road to Hilltop Road.

**FISCAL IMPACT:**

Yes

**ITEM BUDGETED:**

No

**FINANCIAL IMPACT:**

The cost of the scope change is \$5,798, increasing Cannon's contract amount from \$52,340

to \$58,138. An additional appropriation, in the amount of \$11,596, is required to cover District labor and estimated G&A costs, as well complete the scope of work. An additional appropriation for construction of the project will be proposed when recommending award of a construction contract.

## **DISCUSSION:**

The District owns approximately nine miles of asbestos cement pipe (ACP) in the City of Hidden Hills, which was installed from the 1960s to the early 1970s. As the infrastructure has aged and water demand has increased, there have been an increasing number of water main leaks and breaks in the ACP. Sections of ACP have been replaced with polyvinyl chloride (PVC) pipe over the years along Long Valley Road due to frequent breaks and leaks. The most recent breaks occurred on September 14 and September 16, 2019 on the same stretch of pipe.

Due to the frequency and history of pipeline breaks and leaks along Long Valley Road, staff recommended replacing the deteriorated 8-inch diameter ACP with 8-inch PVC pipe between Lasher Road and Hilltop Road. This stretch of pipeline is where the most recent pipe breaks have occurred. The scope of the project was included in the Jim Bridger Pipe Replacement Project (Phase 2) by the Board on October 15, 2019.

During the Preliminary Design Report (PDR) phase, it was found that there were congested underground utilities along Long Valley Road. There are two sanitary sewers, gas pipelines, the existing 8-inch ACP water main, an abandoned 6-inch steel pipeline and a large storm drain box culvert. The PDR included several alignments and installation options such as boring, pipe bursting and open-cut trenching on either side of Long Valley Road. All four alternative required further investigation of feasibility and detail. The effort required exceeded the resources originally anticipated for the work and estimated for Scope Change No. 1. Ultimately, staff recommends trenching for a new 8-inch water main on the opposite side of the existing pipeline for the benefit of future planning. From Clear Valley Road to Penland Road, the existing 8-inch ACP pipeline crosses from the south side of Long Valley Road to the north side, until crossing back to the south side after Penland Road. Staff plans to place the planned 8-inch water main replacement on the south side of Long Valley Road. The pipeline replacement from Hilltop Road to Lasher Road will be among the first steps to ensure cohesive future planning of pipeline replacements in the area.

Cannon will continue to design the remaining 1,022-linear-feet of pipeline replacement along Jim Bridger Road and approximately 1,200-linear feet of pipeline along Long Valley Road.

Construction of the Phase 2 work will take place in mid-2020 and will be competitively bid through a formal public works bidding process. The recommended scope change of \$5,798 will fund the additional efforts by CannonCorp due to the complexity of the work along Long Valley Road, complete the plans and specifications for Long Valley Road and Jim Bridger Pipeline Replacement Project, and provide engineering services during the bidding and construction phases. An additional appropriation, in the amount of \$11,596, is recommended to cover the cost of the scope change, as well as staff time and estimated G&A expenses.

## **GOALS:**

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



Reliability and Environmental Compatibility

Prepared by: Mercedes Acevedo, E.I.T., Assistant Engineer

**ATTACHMENTS:**

Change in Scope No.2

December 18, 2019

Mercedes Acevedo  
Las Virgenes Municipal Water District 4232  
Las Virgenes Road  
Calabasas, CA 91302-1994

**PROJECT: ADDITIONAL SERVICES AGREEMENT 2 FOR LAS VIRGENES MUNICIPAL WATER DISTRICT (LVMWD), JIM BRIDGER ROAD WATERMAIN REPLACEMENT PROJECT AND LONG VALLEY ROAD WATERMAIN REPLACEMENT**

Dear Ms. Acevedo:

We are requesting a second Additional Services Agreement (ASA 2) to complete the design of the Jim Bridger Road Watermain Replacement Project and Long Valley Road Watermain Replacement Project. The original Agreement for the design of the Jim Bridger Road Watermain Replacement Project was signed on September 3, 2019. The ASA 1 for the design of the Long Valley Road Watermain Replacement was signed on October 24, 2019. The total amount of the original Agreement and ASA 1 \$52,340.

The additional work consists of the following tasks:

1. Cannon provided supplemental connection details on Jim Bridger Road due to the splitting of the line into two phases.
2. The Preliminary Design Report (PDR) for Long Valley Road Watermain Replacement Project was not a straightforward report as Cannon had previously completed for Jed Smith Pipeline Replacement Project and Jim Bridger Road. The PDR required the presentation of four alternatives which included pipe bursting, horizontal directional drilling, and two open cut alignments. All four alternatives required further investigation into the feasibility and detail.

We are currently over our design budget by \$2,798.00. The estimation for the cost to complete the additional work is \$3,000.00. Therefore, we are requesting an approval of this ASA 2 for a total of \$5,798.00.

Our schedule to complete the phase is as follows:

- 50% Submittal on Long Valley Road Watermain Replacement by close of business on December 19, 2019.
- We will submit the 100% Submittal within three business days following the receipt of comments from LVMWD.
- We will submit the Final Submittal within three business days following the receipt of comments from LVMWD.

If you have any questions, please contact me [Garyr@cannoncorp.us](mailto:Garyr@cannoncorp.us).

Sincerely,



Gary D. Roepke, PE Senior  
Principal Engineer C 48693

## **Memorandum**

To: Las Virgenes-Triunfo JPA  
From: Syrus Devers, Best Best & Krieger  
Date: February 26, 2020  
Re: Monthly State Political Report

### **Legislative Report**

Last Friday (the 21st) was the deadline to introduce a bill. The final Assembly Bill number is 3360, and the Senate finished with 1467, bringing the grand total for the two-year session to 4,827 introduced bills. That is a bit more than the previous session but not outside the norm. Bills cannot be acted on for 30 days after introduction so the policy committees have yet to schedule hearings. Expect to see the first major hearings the second week of March. The next major deadline is April 24th, by which time fiscal bills must have cleared their first-house policy committees.

The dominant issue for the year is housing and there are hundreds of related bills. The majority of the water related bills have to do with wildfires and Public Safety Power Shutoffs (PSPS), and PFAS. Most of the really important bills, however, have yet to surface. Most controversial bills begin as “spot bills” or just state the intent of the author with no substance. By the next board meeting the universe of water-related bills will be known.

### **Administrative Report**

The State Water Resources Control Board and the Division of Drinking Water have been active. The biggest news is the release of response levels (RLs) for PFOS (40 parts per trillion, “ppt”) and PFOA (10 parts per trillion). Both of which are in the PFAS family. It’s the 10 ppt for PFOA that’s causing the problem for a large number of ground water supplies. MWD is currently polling their members to determine how many will need to increase their supply of imported water. Unlike notification levels, RLs require the water provider to either take the contaminated source offline or provide statutorily proscribed notices. Unfortunately, AB 756 from last year that called for the Notification Levels also prohibited anything in the RL public notice that “minimizes or contradicts” the information in the notice. Water districts with very low levels for PFOA, therefore, cannot

include other facts to put the notice in context, such as there being no evidence of health risks at the levels found in the drinking water.

The other major source of activity at SWRCB is trying to get SB 200, Safe and Affordable Drinking Water Funds, out the door. Appropriations done in bills, as opposed to a budget items, take effect the first of the year. Budget items (future ones), however, won't take effect until the start of the fiscal year on July 1st. That means SWRCB is sitting on \$130M but the people needed to move that money won't be authorized for several more months. The short-term solution is to start a round of musical chairs with existing staff to get some people on the job now, which will inevitable create backlogs in other areas. Too bad there's nothing in the Constitution requiring everything to make sense.

The long-awaited report on Low-Income Rate Assistance (LIRA) that was required by AB 401 (Dodd-2015) was finally released with fanfare. The report lays out three levels of assistance based on the cost of 6 CCF of water. It calls for the program to be funded by personal income tax and a tax on bottled water. Implementing the tax increases through legislation would be challenging. Left unaddressed is what would happen to water districts that already have programs that offer a higher level of assistance.

Work continues on the water bond. The administration released budget trailer bill language with no surprises, and meetings continue to take place, but there's nothing to report that wasn't covered previously.

# Las Virgenes-Triunfo JPA

Prepared by Best Best & Krieger LLP

February 26, 2020

## Out for Analysis

Measure	Author	Topic	Current Text Version	Status	Location	Brief Summary	Position	Notes 1
<a href="#">AB 2182</a>	<a href="#">Rubio, Blanca D</a>	Emergency backup generators: water and wastewater facilities: exemption.	Introduced: 2/11/2020 <a href="#">_html</a> <a href="#">_pdf</a>	2/12/2020-From printer. May be heard in committee March 13.	2/11/2020-A. PRINT	Would exempt the operation of an alternative power source, as defined, to provide power to a critical facility, as defined, from any local, regional, or state regulation regarding the operation of that source. The bill would authorize providers of essential public services, in lieu of compliance with applicable legal requirements, to comply with the maintenance and testing procedure set forth in the National Fire Protection Association Standard for Emergency and Standby Power System, NFPA 110, for alternative power sources designated by the providers for the support of critical facilities.	Out for Analysis	
<a href="#">AB 2296</a>	<a href="#">Quirk D</a>	State Water Resources Control Board: local primacy delegation: funding stabilization program.	Introduced: 2/14/2020 <a href="#">_html</a> <a href="#">_pdf</a>	2/24/2020-Referred to Com. on E.S. & T.M.	2/24/2020-A. E.S. & T.M.	Would authorize the State Water Resources Control Board to delegate partial responsibility for the California Safe Drinking Water Act's administration and enforcement by means of a local primacy delegation agreement. The bill would authorize the state board, for counties that have not been delegated primary responsibility as of January 1, 2021, to offer an opportunity for the county to apply for partial or primary responsibility if the state board determines that it needs assistance in performing administrative and enforcement activities, as specified. The bill would authorize the state board to approve the application for delegation if the state board determines that the local health officer is able to sufficiently perform the administrative and enforcement activities and would specify that a local primacy agency has all of the authority over designated public water systems as is granted to the state board by the act.	Out for Analysis	
<a href="#">AB 2560</a>	<a href="#">Quirk D</a>	Water quality: notification and	Introduced: 2/19/2020 <a href="#">_</a>	2/20/2020-From printer. May be heard in	2/19/2020-A. PRINT	The California Safe Drinking Water Act requires the State Water Resources Control Board to adopt drinking water standards for	Out for Analysis	

		response levels: procedures.	<a href="#">html</a> <a href="#">pdf</a>	committee March 21.		contaminants in drinking water based upon specified criteria and requires any person who owns a public water system to ensure that the system, among other things, complies with those drinking water standards. The act requires a public water system to provide prescribed notices within 30 days after it is first informed of a confirmed detection of a contaminant found in drinking water delivered by the public water system for human consumption that is in excess of a maximum contaminant level, a notification level, or a response level established by the state board. This bill would require the state board to comply with specified public notice and comment and peer review procedures, as prescribed, when establishing or revising notification or response levels.		
<a href="#">AB 3256</a>	<a href="#">Garcia, Eduardo</a> D	Climate risks: bond measure.	Introduced: 2/21/2020  <a href="#">html</a> <a href="#">pdf</a>	2/24/2020-Read first time.	2/21/2020-A. PRINT	The California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018, approved by the voters as Proposition 68 at the June 5, 2018, statewide direct primary election, authorizes the issuance of bonds in the amount of \$4,000,000,000 pursuant to the State General Obligation Bond Law to finance a drought, water, parks, climate, coastal protection, and outdoor access for all program. This bill would state the intent of the Legislature to enact a bond measure that would address climate risks to the State of California.	Out for Analysis	
<a href="#">SB 45</a>	<a href="#">Allen</a> D	Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2020.	Amended: 1/23/2020  <a href="#">html</a> <a href="#">pdf</a>	1/30/2020-In Assembly. Read first time. Held at Desk.	1/29/2020-A. DESK	Would enact the Wildfire Prevention, Safe Drinking Water, Drought Preparation, and Flood Protection Bond Act of 2020, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$5,510,000,000 pursuant to the State General Obligation Bond Law to finance projects for a wildfire prevention, safe drinking water, drought preparation, and flood protection program.	Out for Analysis	
<a href="#">SB 857</a>	<a href="#">Bates</a> R	Solid waste: integrated waste management plans: composting component.	Introduced: 1/14/2020  <a href="#">html</a> <a href="#">pdf</a>	1/22/2020-Referred to Com. on RLS.	1/14/2020-S. RLS.	Current law, the California Integrated Waste Management Act of 1989, administered by the Department of Resources Recycling and Recovery, establishes an integrated waste management program. The act requires each city to submit to the county in which the city is located a source reduction and recycling element containing specified components, including a composting component. This bill would make a	Out for Analysis	

						nonsubstantive change to language concerning implementation of the composting component.		
<a href="#">SB 862</a>	<a href="#">Dodd D</a>	Planned power outage: public safety.	Introduced: 1/16/2020 <a href="#">_html</a> <a href="#">_pdf</a>	1/29/2020- Referred to Com. on E., U. & C.	1/29/2020- S. E. U., & C.	Current law defines the terms “state of emergency” and “local emergency” to mean a duly proclaimed existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by, among other things, fire, storm, or riot. This bill would additionally include a planned deenergization event, as defined, within those conditions constituting a state of emergency and a local emergency.	Out for Analysis	
<a href="#">SB 971</a>	<a href="#">Hertzberg D</a>	Small water supplier and countywide water shortage contingency planning.	Introduced: 2/11/2020 <a href="#">_html</a> <a href="#">_pdf</a>	2/20/2020- Referred to Coms. on N.R. & W. and GOV. & F.	2/20/2020- S. N.R. & W.	Would require a small water supplier, as defined, with 1,000 to 2,999 service connections, inclusive, to prepare and adopt a small water supplier water shortage contingency plan that consists of specified elements. The bill would require a small water supplier with 15 to 999 service connections, inclusive, to take specified actions related to water shortage planning and response. The bill would require small water suppliers to provide to the public, and to report, the plan and specified water shortage planning information, as prescribed.	Out for Analysis	
<a href="#">SB 996</a>	<a href="#">Portantino D</a>	State Water Resources Control Board: Constituents of Emerging Concern Program.	Introduced: 2/13/2020 <a href="#">_html</a> <a href="#">_pdf</a>	2/14/2020- From printer. May be acted upon on or after March 15.	2/13/2020- S. RLS.	Would require the State Water Resources Control Board to establish by an unspecified date and then maintain an ongoing, dedicated program called the Constituents of Emerging Concern Program to support and conduct research to develop information and, if necessary, provide recommendations to the state board on constituents of emerging concern in drinking water that may pose risks to public health. The bill would require the state board to establish the Stakeholder Advisory Group and the Science Advisory Panel, both as prescribed, to assist in the gathering and development of information for the program, among other functions. The bill would require the program to provide opportunities for public participation, including conducting stakeholder meetings and workshops to solicit relevant information and feedback for development and implementation of the program.	Out for Analysis	
<a href="#">SB 1011</a>	<a href="#">Dahle R</a>	Water quality: waste discharge requirement	Introduced: 2/14/2020 <a href="#">_html</a>	2/18/2020- From printer. May be acted upon on or after	2/14/2020- S. RLS.	The Porter-Cologne Water Quality Control Act, with certain exceptions, requires a waste discharger to file a report of waste discharge with a California regional water quality	Out for Analysis	

		s: fees: report.	<a href="#">pdf</a>	March 19.		control board and to pay an annual fee established by the State Water Resources Control Board (state board). The act requires the state board to report to the Governor and the Legislature on the expenditure of those annual fees on or before January 1 of each year. This bill would make a nonsubstantive change to these provisions.		
<a href="#">SB 1044</a>	<a href="#">Allen D</a>	Firefighting equipment and foam: PFAS chemicals.	Introduced: 2/18/2020 <a href="#">html</a> <a href="#">pdf</a>	2/19/2020-From printer. May be acted upon on or after March 20.	2/18/2020-S. RLS.	Would, commencing January 1, 2022, require any person, including a manufacturer, as defined, that sells firefighter personal protective equipment to any person or public entity to provide a written notice to the purchaser at the time of sale if the firefighter personal protective equipment contains perfluoroalkyl and polyfluoroalkyl substances (PFAS), and would provide that a violation of this requirement is punishable by a specified civil penalty. The bill would require the seller and the purchaser to retain the notice on file for at least 3 years and to furnish the notice and associated sales documentation to the State Fire Marshal within 60 days upon request, as provided.	Out for Analysis	
<a href="#">SB 1056</a>	<a href="#">Portantino D</a>	Drinking water: testing: perfluoroalkyl and polyfluoroalkyl substances.	Introduced: 2/18/2020 <a href="#">html</a> <a href="#">pdf</a>	2/19/2020-From printer. May be acted upon on or after March 20.	2/18/2020-S. RLS.	Would require the State Water Resources Control Board, on or before January 1, 2022, to certify a methodology or methodologies for testing drinking water, groundwater, and surface water for perfluoroalkyl and polyfluoroalkyl substances, as provided, and to accredit qualified laboratories in California to analyze perfluoroalkyl and polyfluoroalkyl substances pursuant to the adopted methodology or methodologies.	Out for Analysis	

## Support

Measure	Author	Topic	Current Text Version	Status	Location	Brief Summary	Position	Notes 1
<a href="#">AB 1672</a>	<a href="#">Bloom D</a>	Solid waste: nonwoven disposable products.	Amended: 1/23/2020 <a href="#">html</a> <a href="#">pdf</a>	1/30/2020-Read third time. Passed. Ordered to the Senate. In Senate. Read first time. To Com. on RLS. for assignment.	1/30/2020-S. RLS.	The California Integrated Waste Management Act of 1989, administered by the Department of Resources Recycling and Recovery, generally regulates the disposal, management, and recycling of solid waste. This bill would require, commencing January 1, 2021, except as provided, certain nonwoven disposal products to be labeled clearly and conspicuously to communicate that they should not be flushed, as specified. The bill would prohibit a covered entity, as defined, from making a representation about	Support	



						the flushable attributes, benefits, performance, or efficacy of those nonwoven disposal products, as provided.		
<a href="#">SB 1099</a>	<a href="#">Dodd D</a>	Emergency backup generators: critical facilities: exemption.	Introduced: 2/19/2020 <a href="#">html</a> <a href="#">pdf</a>	2/20/2020-From printer. May be acted upon on or after March 21.	2/19/2020-S. RLS.	Would, consistent with federal law, require air districts to adopt a rule, or revise its existing rules, to allow critical facilities with a permitted emergency backup generator to use that emergency backup generator during a deenergization event or other loss of power, and to test and maintain that emergency backup generator, as specified, without having that usage, testing, or maintenance count toward that emergency backup generator's time limitation on actual usage and routine testing and maintenance. The bill would prohibit air districts from imposing a fee on the issuance or renewal of a permit issued for those critical facility emergency backup generators.	Support	

## Watch

Measure	Author	Topic	Current Text Version	Status	Location	Brief Summary	Position	Notes 1
<a href="#">AB 1957</a>	<a href="#">Gallagher R</a>	Paradise Irrigation District: water pipeline: design-build process.	Amended: 2/14/2020 <a href="#">html</a> <a href="#">pdf</a>	2/18/2020-Re-referred to Com. on L. GOV.	1/30/2020-A. L. GOV.	Current law authorizes, until January 1, 2025, local agencies, as defined, to use the design-build project delivery process, as specified, for specified public works. This bill would authorize the Paradise Irrigation District to utilize the design-build project delivery process to assign contracts for the construction of a water conveyance pipeline from the Town of Paradise to the City of Chico.	Watch	
<a href="#">AB 2322</a>	<a href="#">Friedman D</a>	Small water suppliers and rural communities: drought and water shortage planning: repeal.	Introduced: 2/14/2020 <a href="#">html</a> <a href="#">pdf</a>	2/15/2020-From printer. May be heard in committee March 16.	2/14/2020-A. PRINT	Current law makes legislative findings and declarations regarding drought planning for small water suppliers and rural communities, and requires the Department of Water Resources, in consultation with the State Water Resources Control Board and other relevant state and local agencies and stakeholders, to use available data to identify, no later than January 1, 2020, small water suppliers and rural communities that may be at risk of drought and water shortage vulnerability and notify counties and groundwater sustainability agencies of those suppliers or communities. Current law requires the department, in consultation with the state board, to propose to the Governor and the Legislature, by January 1, 2020,	Watch	

						recommendations and guidance relating to the development and implementation of countywide drought and water shortage contingency plans to address the planning needs of small water suppliers and rural communities, as provided. This bill would repeal these provisions.		
<a href="#">AB 2324</a>	<a href="#">Friedman D</a>	Urban water use.	Introduced: 2/14/2020 <a href="#">_html</a> <a href="#">_pdf</a>	2/15/2020-From printer. May be heard in committee March 16.	2/14/2020-A. PRINT	Current law requires the Department of Water Resources, in coordination with the State Water Resources Control Board, to conduct necessary studies and investigations, as prescribed, and make a recommendation to the Legislature, by January 1, 2020, on the feasibility of developing and enacting water loss reporting requirements for urban wholesale water suppliers. This bill would repeal these provisions.	Watch	
<a href="#">SB 332</a>	<a href="#">Hertzberg D</a>	Wastewater treatment: recycled water.	Amended: 4/30/2019 - <a href="#">_html</a> <a href="#">_pdf</a>	2/3/2020-Returned to Secretary of Senate pursuant to Joint Rule 56.	1/24/2020-S. DEAD	Would declare, except in compliance with the bill's provisions, that the discharge of treated wastewater from ocean outfalls is a waste and unreasonable use of water. The bill would require each wastewater treatment facility that discharges through an ocean outfall and affiliated water suppliers to reduce the facility's annual flow as compared to the average annual wastewater discharge baseline volume, as prescribed, by at least 50% on or before January 1, 2030, and by at least 95% on or before January 1, 2040. The bill would subject the owner or operator of a wastewater treatment facility, as well as the affiliated water suppliers, to a civil penalty of \$2,000 per acre-foot of water above the required reduction in overall volume discharge for the failure to meet these deadlines.	Watch	
<a href="#">SB 669</a>	<a href="#">Caballero D</a>	Water quality: Safe Drinking Water Fund.	Introduced: 2/22/2019 <a href="#">_html</a> <a href="#">_pdf</a>	2/3/2020-Returned to Secretary of Senate pursuant to Joint Rule 56.	2/3/2020-S. DEAD	Would establish the Safe Drinking Water Fund in the State Treasury and would provide that moneys in the fund are continuously appropriated to the State Water Resources Control Board. The bill would require the state board to administer the fund to assist community water systems in disadvantaged communities that are chronically noncompliant relative to the federal and state drinking water standards and do not have the financial capacity to pay for operation and maintenance costs to comply with those standards, as specified.	Watch	

**Total Measures: 19**





**BEST BEST & KRIEGER**  
ATTORNEYS AT LAW

**To:** Las Virgenes-Triunfo JPA Board of Directors  
**From:** John Freshman and Ana Schwab  
**Date:** February 24, 2020  
**RE:** Federal Report

**President’s Budget**

The White House released its proposed budget for fiscal year 2021, totaling \$4.8 trillion. The plan included deep spending cuts to domestic programs, notably large cuts on energy and environment programs. If adhered to, EPA would see a 27% cut, Interior a 13% cut, the Army Corps of Engineers a 22% cut, the Agriculture Department an 8% cut and the Department of Transportation a 13% cut. The proposed budget would eliminate the first increase EPA had received in years in the 2020 budget, reducing its top-line number by nearly \$2.5 billion to \$6.7 billion for fiscal 2021.

Lawmakers on both sides of the aisle have expressed disapproval of the proposed budget and cuts. Lawmakers will likely craft their own spending bills based on bipartisan agreement, as they did for fiscal year 2020 and previously. Final appropriations bills may not pass until after the elections in November.

	<b>FY18 Enacted</b>	<b>FY19 Enacted</b>	<b>FY20 Enacted</b>	<b>Trump FY21 Budget Request</b>
<b>CWSRF</b>	\$1.164 B	\$1.164 B	\$1.164 B	\$1.12 B
<b>DWSRF</b>	\$1.163 B	\$1.164 B	\$1.126 B	\$863 M
<b>WIFIA</b>	\$63 M	\$68 M	\$60 M	\$25 M
<b>Drinking Water Infrastructure Resilience and Sustainability Program</b>	N/A	N/A	\$3 M	\$2 M
<b>Sewer overflow and stormwater reuse municipal grants</b>	\$0	\$0	\$28 M	\$61 M
<b>Title XVI total</b>	\$54 M	\$59 M	\$64 M	\$3M
<b>Title XVI-WIIN</b>	\$20 M	\$20 M	\$20 M	\$3 M
<b>Desalination and Water Purification Program</b>	\$18 M	\$20 M	\$20 M	\$2.9 M
<b>Aquifer Storage and Recovery</b>	N/A	N/A	\$10 M	\$0



## **PFAS**

On February 21<sup>st</sup>, the Environmental Protection Agency announced that it plans to regulate two chemical compounds within the class of perfluoroalkyl and polyfluoroalkyl substances (PFAS). The EPA plans to regulate PFOA and PFOS, which are among the oldest PFAS chemicals and have been phased out in the United States. PFOA and PFOS are also two of the chemical compounds listed in the NDAA with limited cleanup guidance provisions for military bases. Currently, the nonbinding health threshold is 70 parts per trillion for PFOA and PFOS in drinking water. The EPA is requesting any information and data on other PFAS substances, as well as seeking comment on potential monitoring requirements and regulatory approaches EPA is considering for PFAS chemicals. This step is a movement forward toward implementing EPA's PFAS Action Plan.

EPA is receiving increasing pressure from states to regulate the class of chemicals. A coalition of nearly 20 state attorneys general urged the EPA to list the group of chemicals under the agency's toxic database. The state attorneys general included in the public comments are from California, Connecticut, Delaware, Illinois, Iowa, Maine, Maryland, Massachusetts, Michigan, New Jersey, New Mexico, Oregon, Pennsylvania, Rhode Island, Virginia, Washington and Wisconsin.

Once the notice is published on the Federal Register, there will be a 60 day period for public comments.

## **National Environmental Policy Act**

As a result of changes to the National Environmental Policy Act, mixed responses have ensued from lawmakers, lawyers, environmental groups, and industry members. Some environmental lawyers and lawmakers are seeking avenues to prevent the implementation of the new changes. Members of the Congressional Western Caucus, on the other hand, praised the new set of rules that would cut back federal regulation. House Democrats introduced a resolution opposing the proposed rule. Increased legislation aimed to create environmental protections will likely be introduced over the next several months.

The Southern Environmental Law Center sued the Trump Administration under the Freedom of Information Act, seeking documents related to the Council on Environmental Quality's consideration of updated regulations. The SELC requested the U.S. District Court for the Western District of Virginia to issue a preliminary injunction that would bar the White House's Council on Environmental Quality from locking in proposed changes to NEPA rules.

Other groups have mixed opinions—Native American tribes have expressed differing views on NEPA review for energy and other projects on reservation and sacred lands. Some tribes hail it as a more pronounced view of tribal sovereignty for the development process when federal authorization is required. Others have expressed concern for the damage to the environment and disregard of public input.



**BEST BEST & KRIEGER**  
ATTORNEYS AT LAW

**85 FR 5955 Proposed Consent Decree, Clean Water Act and Administrative Procedures Act Claims**

In accordance with the Environmental Protection Agency (EPA) Administrator's, October 16, 2017, Directive Promoting Transparency and Public Participation in Consent Decrees and Settlement Agreements, notice is hereby given of a proposed consent decree to address claims in a lawsuit filed by the Natural Resources Defense Council, Clean Water Action, and the Environmental Justice Health Alliance for Chemical Policy Reform (collectively, "Plaintiffs") in the United States District Court for the Southern District of New York. On March 21, 2019, Plaintiffs filed a complaint alleging, inter alia, that the United States Environmental Protection Agency ("EPA") had a duty under Clean Water Act ("CWA") section 311(j)(5)(A)(i), to issue regulations that require an owner or operator of a non-transportation-related onshore "facility described in subparagraph (C) to prepare and submit to the President a plan for responding, to the maximum extent practicable, to a worst case discharge, and to a substantial threat of such a discharge, of . . . a hazardous substance" (the "Hazardous Substance Worst Case Discharge Planning Regulations") by August 18, 1992. The proposed consent decree would set deadlines for EPA to complete a notice of proposed rulemaking pertaining to the issuance of the Hazardous Substance Worst Case Discharge Planning Regulations, and for publication of a notice taking final action following notice and comment rulemaking pertaining to the issuance of Hazardous Substance Worst Case Discharge Planning Regulations.

Submit your comments, identified by Docket ID number EPA-HQ-OGC-2019-0667, online at [www.regulations.gov](http://www.regulations.gov).

Written comments on the proposed consent decree must be received by March 4, 2020.

**85 FR 5203 Information Collection Request Submitted to OMB for Review and Approval; Comment Request; Procedures for Implementing the National Environmental Policy Act and Assessing the Environmental Effects Abroad of EPA Actions (Renewal)**

The Environmental Protection Agency (EPA) has submitted an information collection request (ICR), Procedures for Implementing the National Environmental Policy Act and Assessing the Environmental Effects Abroad of EPA Actions (EPA ICR Number 2243.09, OMB Control Number 2020-0033) to the Office of Management and Budget (OMB) for review and approval in accordance with the Paperwork Reduction Act. This is a proposed extension of the ICR, which is currently approved through January 31, 2020. Public comments were previously requested via the Federal Register on September 24, 2019 during a 60-day comment period. This notice allows for an additional 30 days for public comments. A fuller description of the ICR is given below, including its estimated burden and cost to the public. An agency may not conduct or sponsor and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number.



**BEST BEST & KRIEGER**  
ATTORNEYS AT LAW

Submit your comments, referencing Docket ID Number EPA-HQ-OA-2019-0296, to (1) EPA online using [www.regulations.gov](http://www.regulations.gov) (our preferred method), or by mail to: EPA Docket Center, Environmental Protection Agency, Mail Code 28221T, 1200 Pennsylvania Ave. NW, Washington, DC 20460, and (2) OMB via email to [oira\\_submission@omb.eop.gov](mailto:oira_submission@omb.eop.gov)

Additional comments may be submitted on or before February 28, 2020.

**LAS VIRGENES TRIUNFO - HIGH PRIORITY LEGISLATION IN THE 116TH CONGRESS  
THROUGH FEBRUARY 21, 2020**

LEGISLATION	SUMMARY	STATUS	POSITION
<p><b><u>H.R. 34</u></b>  <a href="#">Energy and Water Research Integration Act of 2019</a></p>	<p>To ensure consideration of water intensity in the Department of Energy’s energy research, development, and demonstration programs to help guarantee efficient, reliable, and sustainable delivery of energy and clean water resources.</p>	<p>Introduced by Rep. Eddie Bernice Johnson (D-TX) – January 3, 2019</p> <p>Passed/agreed to in the House – July 23, 2019.</p> <p>Introduced in the Senate</p>	
<p><b><u>S.47</u></b>  <a href="#">Natural Resources Management Act</a></p>	<p>This bill sets forth provisions regarding various programs, projects, activities, and studies for the management and conservation of natural resources on federal lands.</p> <ul style="list-style-type: none"> <li>● Specifically, the bill addresses, among other matters</li> <li>● land conveyances, exchanges, acquisitions, withdrawals, and transfers;</li> <li>● national parks, monuments, memorials, wilderness areas, wild and scenic rivers, historic and heritage sites, and other conservation and recreation areas;</li> <li>● wildlife conservation;</li> <li>● helium extraction;</li> <li>● small miner waivers of claim maintenance fees;</li> <li>● wildland fire operations;</li> <li>● the release of certain federal reversionary land interests;</li> <li>● boundary adjustments;</li> <li>● the Denali National Park and Preserve natural gas pipeline;</li> <li>● fees for medical services in units of the National Park System;</li> <li>● funding for the Land and Water Conservation Fund;</li> <li>● recreational activities on federal or nonfederal lands;</li> <li>● a national volcano early warning and monitoring system;</li> <li>● federal reclamation projects; and</li> <li>● search-and recovery-missions.</li> </ul> <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
<p><a href="#"><u>S. 40</u></a>  <a href="#"><u>Bureau of Reclamation Transparency Act</u></a></p>	<p>To require the Secretary of the Interior to submit to Congress a report on the efforts of the Bureau of Reclamation to manage its infrastructure assets.</p>	<p>Introduced by Sen. John Barrasso (R-WY) – January 8, 2019</p>	
<p><a href="#"><u>H.R. 357</u></a>  <a href="#"><u>Sacramento-San Joaquin Delta National Heritage Area Act</u></a></p>	<p>To establish the Sacramento-San Joaquin Delta National Heritage Area. The boundaries of the Heritage Area shall be in the counties of Contra Costa, Sacramento, San Joaquin, Solano, and Yolo in the State of California, as generally depicted on the map entitled “Sacramento-San Joaquin Delta National Heritage Area Proposed Boundary”, numbered T27/105,030, and dated October 2012.</p>	<p>Introduced by Rep. John Garamendi (D-CA) – January 9, 2019   Signed into law on March 12, 2019 as part of S. 47 – Natural Resources Management Act</p>	
<p><a href="#"><u>H.R. 535</u></a>  <a href="#"><u>PFAS Action Act of 2019</u></a></p>	<p>To require the Administrator of the Environmental Protection Agency to designate per- and polyfluoroalkyl substances as hazardous substances under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980.</p>	<p>Introduced by Rep. Debbie Dingell (D-MI) – January 14, 2019   Received in the Senate – January 13, 2020</p>	
<p><a href="#"><u>H.R. 579</u></a>  <a href="#"><u>Water Rights Protection Act of 2019</u></a></p>	<p>To prohibit the conditioning of any permit, lease, or other use agreement on the transfer of any water right to the United States by the Secretaries of the Interior and Agriculture, and for other purposes.</p>	<p>Introduced by Rep. Scott Tipton (R-CO) – January 15, 2019</p>	
<p><a href="#"><u>H.R. 664</u></a>  <a href="#"><u>Recreational Lands Self-Defense Act of 2019</u></a></p>	<p>To protect the right of individuals to bear arms at water resources development projects administered by the Secretary of the Army, and for other purposes</p>	<p>Introduced by Rep. Bob Gibbs (D-OH) – January 17, 2019</p>	

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

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

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

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

LEGISLATION	SUMMARY	STATUS	POSITION
<p><a href="#"><u>H.R. 2215</u></a>  <a href="#"><u>San Gabriel</u></a>  <a href="#"><u>Mountains Foothills</u></a>  <a href="#"><u>and Rivers</u></a>  <a href="#"><u>Protections Act</u></a></p>	<p>The legislation would designate over 30,000 acres of protected wilderness and 45.5 miles of protected rivers and expand the San Gabriel Mountains National Monument, establish a National Recreation Area along the foothills and the San Gabriel Corridor. The bill would expand the borders of the monument to include the western Angeles National Forest</p>	<p>Introduced by Rep. Judy Chu (D-CA) – April 10, 2019   Ordered to be Reported (Amended) – February 12, 2020</p>	
<p><a href="#"><u>S. 1109</u></a>  <a href="#"><u>San Gabriel</u></a>  <a href="#"><u>Mountains Foothills</u></a>  <a href="#"><u>and Rivers</u></a>  <a href="#"><u>Protection Act</u></a></p>	<p>To establish as a unit of the National Park System the San Gabriel National Recreation Area in the State of California, and for other purposes.</p>	<p>Introduced by Sen. Kamala Harris (D-CA) – April 10, 2019</p>	
<p><a href="#"><u>H.R. 2205</u></a>  <a href="#"><u>Water Quality</u></a>  <a href="#"><u>Certification</u></a>  <a href="#"><u>Improvement Act of</u></a>  <a href="#"><u>2019</u></a></p>	<p>To amend the Federal Water Pollution Control Act to make changes with respect to water quality certification, and for other purposes.</p>	<p>Introduced by Rep. David McKinley (R-WV) – April 11, 2019</p>	
<p><a href="#"><u>H.R. 2287</u></a>  <a href="#"><u>Federal Regulatory</u></a>  <a href="#"><u>Certainty for Water</u></a>  <a href="#"><u>Act</u></a></p>	<p>This bill nullifies the Clean Water Rule that was issued on May 27, 2015, by the Environmental Protection Agency and the U.S. Army Corps of Engineers. The rule describes the scope of the Clean Water Act.  Under this bill, the Clean Water Act applies to waters of the United States that are (1) navigable-in-fact; or (2) permanent or continuously flowing bodies of water that form geographical features commonly known as streams, oceans, rivers, and lakes that are connected to waters that are navigable-in-fact.  Under this bill, the Act does not apply to (1) waters that do not physically abut those waters of the United States through an actual and continuous surface water connection; (2) man-made or natural structures or channels through which water flows intermittently or ephemerally; or (3) wetlands (including playa lakes, prairie potholes, wet meadows, wet prairies, and vernal pools) that lack that continuous surface water connection.  The aggregation of wetlands or waters may not be used to determine whether the wetlands or waters are navigable waters.</p>	<p>Introduced by Rep. Mac Thornberry (R-TX) – April 11, 2019</p>	

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

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



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

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

LEGISLATION	SUMMARY	STATUS	POSITION
<p><a href="#"><u>H.R. 2776</u></a>  <a href="#"><u>Stop Sewage</u></a>  <a href="#"><u>Overflow Act</u></a></p>	<p>To make certain municipalities eligible for grants under the Federal Water Pollution Control Act. Grant cost shares would be applicable as follows:</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• 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.</li> <li>• 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.</li> <li>• 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.</li> <li>• 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.</li> <li>•</li> </ul>	<p>Introduced by Rep. Lori Trahan (D-MA) – May 16, 2019</p>	
<p><a href="#"><u>H.R. 2871</u></a>  <a href="#"><u>Aquifer Recharge</u></a>  <a href="#"><u>Flexibility Act</u></a></p>	<p>To provide flexibility to allow greater aquifer recharge. Eligible land, with respect to a Reclamation project, means land that is authorized to receive water under State law and shares a groundwater source with land located in the service area of the Reclamation project.</p>	<p>Introduced by Rep. Russ Fulcher (R-ID) – May 21, 2019</p>	
<p><a href="#"><u>S. 1604</u></a>  <a href="#"><u>Local Water</u></a>  <a href="#"><u>Protection Act</u></a></p>	<p>To amend the Federal Water Pollution Control Act to reauthorize certain programs relating to nonpoint source management – specifically authorization appropriations of \$7,500,000 per year for FY2020 through FY2024.</p>	<p>Introduced by Sen. Amy Klobuchar (D-MN) - May 22, 2019</p>	

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

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

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

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

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



LEGISLATION	SUMMARY	STATUS	POSITION
<p><b>S. 2325</b> <a href="#">Super Pollutants Act</a></p>	<p>To establish a task force to review policies and measures to promote, and to develop best practices for, reduction of short-lived climate pollutants, and for other purposes.</p>	<p>Introduced by Sen. Murphy (D-CT) – July 30, 2019</p> <p>Placed on Senate Legislative Calendar – November 7, 2019</p>	
<p><b>S. 2356</b> <a href="#">Define WOTUS Act of 2019</a></p>	<p>To provide a definition of navigable waters, and for other purposes.</p>	<p>Introduced by Mike Braun (R-IN) – July 31, 2019</p>	
<p><b>S. 2353</b> <a href="#">Protecting Firefighters from Adverse Substances Act of 2019</a></p>	<p>To direct the Administrator of the Federal Emergency Management Agency to develop guidance for firefighters and other emergency response personnel on best practices to protect them from exposure to PFAS and to limit and prevent the release of PFAS into the environment, and for other purposes.</p>	<p>Introduced by Sen. Gary Peters (D-MI) – July 31, 2019</p> <p>Placed on Senate Legislative Calendar – February 3, 2020</p>	
<p><b>S. 2410</b> <a href="#">Flood Reduction, Wildlife Habitat, and Water Quality Improvement Act of 2019</a></p>	<p>To amend the Federal Water Pollution Control Act to modify the requirements for permits for dredged or fill material, and for other purposes.</p>	<p>Introduced by Sen. Cindy Hyde-Smith (R-MS) – July 31, 2019</p>	
<p><b>S. 2404</b> <a href="#">Build Local, Hire Local Act</a></p>	<p>To establish an expansive infrastructure program to create local jobs and raise the quality of life in every community, to launch middle class career pathways in infrastructure, and to invest in high-quality American jobs, and for other purposes.</p>	<p>Introduced by Sen. Kirsten Gillibrand (D-NY) – July 31, 2019</p>	

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

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

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

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

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

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

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



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

LEGISLATION	SUMMARY	STATUS	POSITION
<p><b><u>H.R. 5288</u></b>  <u>Upper Mississippi River Flood Control Act</u></p>	<p>To amend the Water Resources Development Act of 1999 to direct the Secretary of the Army to develop a plan to address water resource problems in the Upper Mississippi River Basin, and for other purposes.</p>	<p>Introduced by Rep. Blaine Luetkemeyer (R-MO) – December 3, 2019</p>	
<p><b><u>S. 2978</u></b>  <u>Energy and Water Research Integration Act of 2019</u></p>	<p>To ensure consideration of water intensity in the Department of Energy’s energy research, development, and demonstration programs to help guarantee efficient, reliable, and sustainable delivery of energy and clean water resources.</p>	<p>Introduced by Sen. Catherine Cortez Masto (D-NV) – December 4, 2019</p>	
<p><b><u>S. 2980</u></b>  <u>Clean Water Standards for PFAS Act of 2019</u></p>	<p>To require the promulgation of certain standards for perfluoroalkyl and polyfluoroalkyl substances under the Federal Water Pollution Control Act, and for other purposes.</p>	<p>Introduced by Sen. Kirsten Gillibrand (D-NY) – December 4, 2019</p>	
<p><b><u>H.R. 5302</u></b>  <u>Western Water Recycling and Drought Relief Act</u></p>	<p>To amend the Reclamation Wastewater and Groundwater Study and Facilities Act to authorize certain recycled water projects, and for other purposes.</p>	<p>Introduced by Rep. Jerry McNerney (D-CA) – December 4, 2019</p>	
<p><b><u>H.R. 5303</u></b>  <u>California Central Coast Conservation Act</u></p>	<p>To establish a moratorium on oil and gas leasing on public land on the Central Coast of California.</p>	<p>Introduced by Rep. Jimmy Panetta (D-CA) – December 4, 2019</p>	
<p><b><u>H.R. 5316</u></b>  <u>Move Water Now Act</u></p>	<p>To provide for the restoration of the original carrying capacity of canals impacted by land subsidence, and for other purposes.</p>	<p>Introduced by Rep. TJ Cox (D-CA) – December 5, 2019</p> <p>Ordered to be Reported – February 12, 2020</p>	
<p><b><u>H.R. 5347</u></b>  <u>Disadvantaged Community Drinking Water Assistance Act</u></p>	<p>To require the Secretary of the Interior to establish a grant program to close gaps in access to safe drinking water in disadvantaged communities, and for other purposes.</p>	<p>Introduced by Rep. TJ Cox (D-CA) – December 6, 2019</p> <p>Ordered to be Reported (Amended) – February 12, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><b><u>H.R. 5361</u></b>  <u>Safe Drinking Water Assistance Act of 2019</u></p>	<p>To improve and coordinate interagency Federal actions and provide assistance to States for responding to public health challenges posed by emerging contaminants, and for other purposes.</p>	<p>Introduced by Rep. Lisa Blunt Rochester (D-DE) – December 9, 2019</p>	
<p><b><u>S. 3044</u></b>  <u>Western Tribal Water Infrastructure Act of 2019</u></p>	<p>To amend the America's Water Infrastructure Act of 2018 to expand the Indian reservation drinking water program, and for other purposes.</p>	<p>Introduced by Sen. Ron Wyden (D-OR) – December 12, 2019</p>	
<p><b><u>S. 3046</u></b>  <u>Wastewater Efficiency and Treatment Act of 2019</u></p>	<p>To amend the Energy Policy Act of 2005 to establish a program to provide grants and loan guarantees to improve the energy efficiency of publicly owned wastewater treatment facilities, and for other purposes.</p>	<p>Introduced by Sen. Jeff Merkley (D-OR) – December 12, 2019</p>	
<p><b><u>S. 3051</u></b>  <u>America's Conservation Enhancement Act</u></p>	<p>To improve protections for wildlife, and for other purposes.</p>	<p>Introduced by John Barrasso (R-WY) – December 12, 2019</p>	
<p><b><u>H.R. 5430</u></b>  <u>United States-Mexico-Canada Agreement Implementation Act</u></p>	<p>To implement the Agreement between the United States of America, the United Mexican States, and Canada attached as an Annex to the Protocol Replacing the North American Free Trade Agreement.</p>	<p>Introduced by Rep. Steny Hoyer (D-MD) December 13, 2019   Became Public Law No: 116-113 – January 29, 2020</p>	
<p><b><u>S. 3052</u></b>  <u>United States-Mexico-Canada Agreement Implementation Act</u></p>	<p>To implement the Agreement between the United States of America, the United Mexican States, and Canada attached as an Annex to the Protocol Replacing the North American Free Trade Agreement.</p>	<p>Introduced by Sen. Chuck Grassley (R-IA) – December 16, 2019</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><b><u>H.R. 5435</u></b>  <u>American Public Lands and Waters Climate Solution Act of 2019</u></p>	<p>To require the Secretary of the Interior and the Chief of the United States Forest Service to meet certain targets for the reduction of the emission of greenhouse gases, and for other purposes.</p>	<p>Introduced by Rep. Raul Grijalva (D-AZ) – December 16, 2019</p>	
<p><b><u>H.R. 5445</u></b>  <u>Critical Infrastructure Act of 2019</u></p>	<p>To amend the Endangered Species Act of 1973 to encourage the construction of critical infrastructure, and for other purposes.</p>	<p>Introduced by Rep. Chris Stewart (R-UT) – December 17, 2019</p>	
<p><b><u>S. 3082</u></b>  <u>LEVEE Act</u></p>	<p>To establish a program to establish permanent features for flood control in areas in which temporary features have been constructed, and for other purposes.</p>	<p>Introduced by Sen. Kirsten Gillibrand (D-NY) – December 18, 2019</p>	
<p><b><u>H.R. 5504</u></b>  <u>To amend the National Dam Safety Program Act with respect to the definition of eligible high hazard potential dam, and for other purposes</u></p>	<p>To amend the National Dam Safety Program Act with respect to the definition of eligible high hazard potential dam, and for other purposes.</p>	<p>Introduced by Rep. Julia Brownley (D-CA) – December 19, 2019</p>	
<p><b><u>H.R. 5513</u></b>  <u>Affordable Safe Drinking Water Act of 2019</u></p>	<p>To amend the Federal Water Pollution Control Act and the Safe Drinking Water Act to modify the payment periods of loans from State revolving funds under those Acts, and for other purposes.</p>	<p>Introduced by Rep. Joseph Kennedy (D-MA) – December 20, 2019</p>	
<p><b><u>H.R. 5539</u></b>  <u>Clean Water Standards for PFAS Act of 2020</u></p>	<p>To require the Administrator of the Environmental Protection Agency to review and develop effluent standards, pretreatment standards, and water quality criteria for PFAS under the Federal Water Pollution Control Act, to provide Federal grants to publicly owned treatment works to implement standards, and for other purposes.</p>	<p>Introduced by Rep. Chris Pappas (D-NH) – January 3, 2020</p>	
<p><b><u>H.R. 5540</u></b>  <u>PFAS Transparency Act</u></p>	<p>To require, pursuant to the Federal Water Pollution Control Act, disclosure of the introduction of perfluoroalkyl or polyfluoroalkyl substances into treatment works, and for other purposes.</p>	<p>Introduced by Rep. Antonio Delgado (D-NY) – January 3, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><b><a href="#">S. 3160</a></b>  <a href="#">Affordable Safe Drinking Water Act of 2020</a></p>	<p>To amend the Federal Water Pollution Control Act and the Safe Drinking Water Act to modify the payment periods of loans from State revolving funds under those Acts, and for other purposes.</p>	<p>Introduced by Sen. Elizabeth Warren (D-MA) – January 8, 2020</p>	
<p><b><a href="#">S. 3171</a></b>  <a href="#">Protect and Restore America's Estuaries Act</a></p>	<p>To amend the Federal Water Pollution Control Act to reauthorize the National Estuary Program, and for other purposes.</p>	<p>Introduced by Sen. Whitehouse (D-RI) – January 9, 2020</p>	
<p><b><a href="#">S. 3176</a></b>  <a href="#">United States-Israel Security Assistance Authorization Act of 2020</a></p>	<p>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.</p>	<p>Introduced by Sen. Marco Rubio (R-FL) – January 9, 2020</p>	
<p><b><a href="#">H.R. 5579</a></b>  <a href="#">LIST Act of 2020</a></p>	<p>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.</p>	<p>Introduced by Rep. Greg Gianforte (R-MT) – January 10, 2020</p>	
<p><b><a href="#">H.R. 5580</a></b>  <a href="#">Bring ESA Into the 21st Century Act</a></p>	<p>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.</p>	<p>Introduced by Rep. Paul Gosar (R-AZ) – January 10, 2020</p>	
<p><b><a href="#">H.R. 5588</a></b>  <a href="#">WHOLE Act of 2020</a></p>	<p>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.</p>	<p>Introduced by Rep. Dan Newhouse (R-WA) – January 13, 2020</p>	
<p><b><a href="#">H.R. 5585</a></b>  <a href="#">Listing Reform Act</a></p>	<p>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.</p>	<p>Introduced by Rep. Pete Olson (R-TX) – January 13, 2020</p>	
<p><b><a href="#">H.R. 5591</a></b>  <a href="#">Critical Habitat Improvement Act</a></p>	<p>To amend the Endangered Species Act of 1973 to add requirements to the designation of areas as critical habitats, and for other purposes.</p>	<p>Introduced by Rep. Mike Johnson (R-LA) – January 13, 2020</p>	
<p><b><a href="#">H.R. 5594</a></b>  <a href="#">EMPOWERS Act of 2020</a></p>	<p>To provide for greater county and State consultation with regard to petitions under the Endangered Species Act of 1973, and for other purposes.</p>	<p>Introduced by Rep. Jason Smith (R-MO) – January 13, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<p><b><u>H.R. 5595</u></b>  <u>Israel Anti-Boycott Act</u></p>	<p>To impose additional prohibitions relating to foreign boycotts under Export Control Reform Act of 2018, and for other purposes.</p>	<p>Introduced by Rep. Lee Zeldin (R-NY) – January 13, 2020</p>	
<p><b><u>H.R. 5601</u></b>  <u>Property Rights Protection Act of 2020</u></p>	<p>To protect private property rights, and for other purposes.</p>	<p>Introduced by Rep. Ralph Norman (R-SC) – January 14, 2020</p>	
<p><b><u>H.Res. 797</u></b>  <u>Encouraging the Environmental Protection Agency to maintain and strengthen requirements under the Clean Water Act and reverse ongoing administrative actions to weaken this landmark law and protections for United States waters</u></p>	<p>Encouraging the Environmental Protection Agency to maintain and strengthen requirements under the Clean Water Act and reverse ongoing administrative actions to weaken this landmark law and protections for United States waters.</p>	<p>Introduced by Rep. Debbie Dingell (D-MI) – January 14, 2020</p>	
<p><b><u>H.R. 5598</u></b>  <u>Boundary Waters Wilderness Protection and Pollution Prevention Act</u></p>	<p>To provide for the protection of the Boundary Waters Canoe Area Wilderness and interconnected Federal lands and waters, including Voyageurs National Park, within the Rainy River Watershed in the State of Minnesota, and for other purposes.</p>	<p>Introduced by Rep. Betty McCollum (D-MN) – January 14, 2020</p>	
<p><b><u>H.R. 5606</u></b>  <u>Desert National Wildlife Refuge and Nevada Test and Training Range Withdrawal and Management Act</u></p>	<p>To extend the withdrawal and reservation of certain public land in the State of Nevada for the continued use of the Nevada test and training range, to designate certain land in the Desert National Wildlife Refuge as wilderness, and for other purposes.</p>	<p>Introduced by Rep. Steven Horsford (D-NV) – January 15, 2020</p>	

LEGISLATION	SUMMARY	STATUS	POSITION
<a href="#"><u>H.R. 5615</u></a> <a href="#"><u>TREES Act</u></a>	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.	Introduced by Rep. Doris Matsui (D-CA)–January 15, 2020	
<a href="#"><u>S. 3208</u></a> <a href="#"><u>Regulatory Accountability Act</u></a>	To improve agency rulemaking, and for other purposes.	Introduced by Sen. Rob Portman (R-OH) – January 16, 2020	
<a href="#"><u>H.R. 5638</u></a> <a href="#"><u>American Sovereignty and Species Protection Act</u></a>	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	
<a href="#"><u>S. 3211</u></a> <a href="#"><u>Clean Water Allotment Modernization Act</u></a>	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	
<a href="#"><u>H.R. 5628</u></a> <a href="#"><u>Clean Water Allotment Modernization Act</u></a>	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	
<a href="#"><u>H.R. 5636</u></a> <a href="#"><u>Transparency in Energy Production Act of 2020</u></a>	To provide for the accurate reporting of fossil fuel extraction and emissions by entities with leases on public land, and for other purposes.	Introduced by Rep. Alan Lowenthal (D-CA) – January 16, 2020  Subcommittee on Energy and Mineral Resources hearing – January 28, 2020	
<a href="#"><u>H.R. 5650</u></a> <a href="#"><u>Federal Energy and Water Management Performance Act of 2020</u></a>	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	

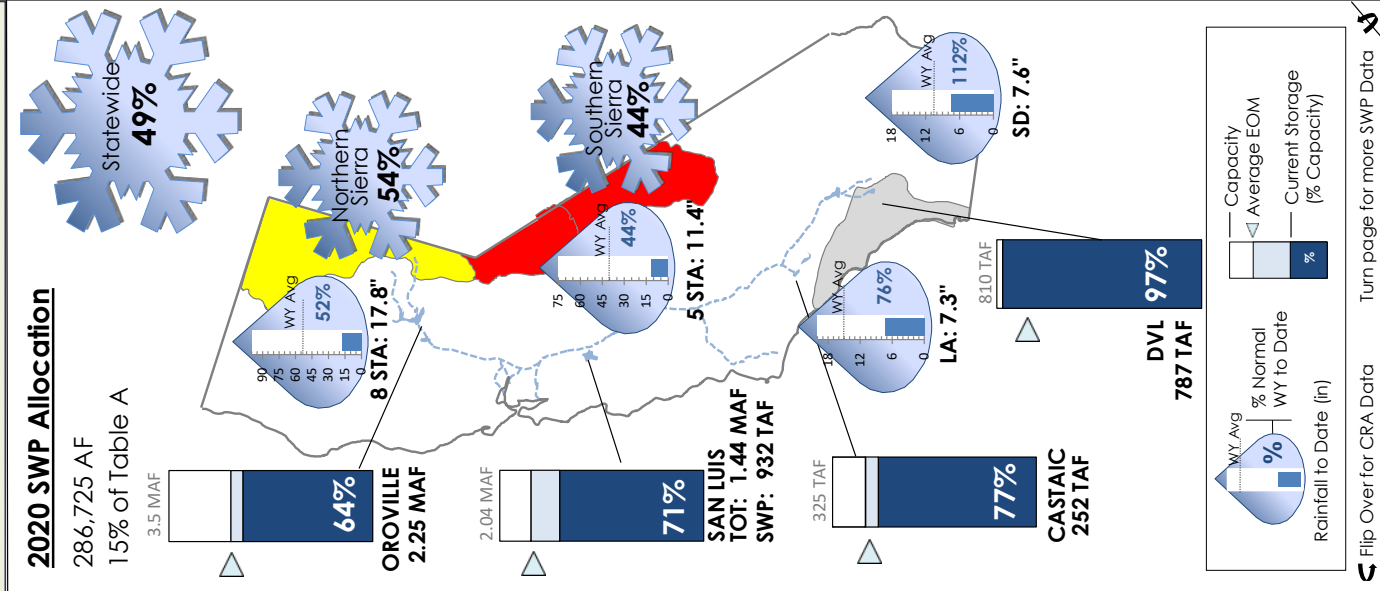
LEGISLATION	SUMMARY	STATUS	POSITION
<p><a href="#"><u>H.R.5653</u></a>  <a href="#"><u>Green Federal Fleet Act</u></a></p>	<p>To prohibit Federal agencies from purchasing or leasing new vehicles that are not zero-emission vehicles, and for other purposes.</p>	<p>Introduced by Rep. Julia Brownley (D-CA) – January 17, 2020</p>	
<p><a href="#"><u>S. 3221</u></a>  <a href="#"><u>Farm System Reform Act of 2019</u></a></p>	<p>To place a moratorium on large concentrated animal feeding operations, to strengthen the Packers and Stockyards Act, 1921, to require country of origin labeling on beef, pork, and dairy products, and for other purposes.</p>	<p>Introduced by Sen. Cory Booker (D-NJ) – January 21, 2020</p>	
<p><a href="#"><u>H. Res. 835</u></a>  <a href="#"><u>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</u></a></p>	<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>	
<p><a href="#"><u>H.R. 5832</u></a>  <a href="#"><u>SHORE Act</u></a></p>	<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>	



LEGISLATION	SUMMARY	STATUS	POSITION
<p><a href="#"><u>S. 3274</u></a>  <a href="#"><u>Decentralized Wastewater Grant Act of 2020</u></a></p>	<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>	
<p><a href="#"><u>H.Con.Res. 89</u></a>  <a href="#"><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></a></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 Rep. Debbie Dingell (D-MI) – February 11, 2020</p>	
<p><a href="#"><u>H.R. 5856</u></a>  <a href="#"><u>Decentralized Wastewater Grant Act of 2020</u></a></p>	<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>	
<p><a href="#"><u>H.R. 5868</u></a>  <a href="#"><u>RELIEF ACT</u></a></p>	<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>	

### Highlights

- Precipitation at the 8-Station is at 52% of normal
- Snow in the Northern Sierra is at 54% of normal
- Precipitation and snow in the Upper Colorado River Basin are respectively at 91% and 109% of normal



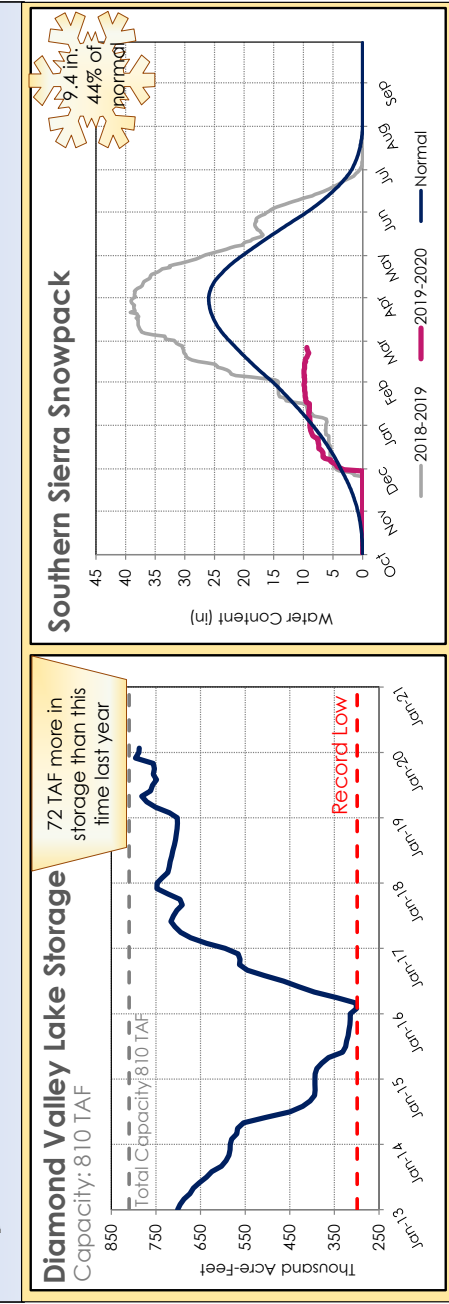
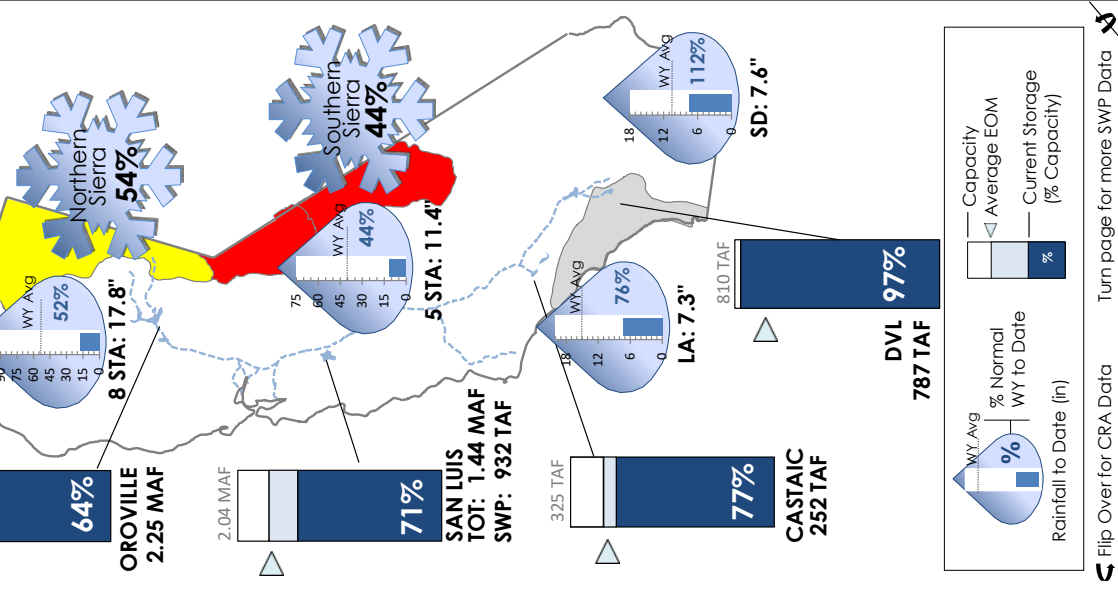
### 2020 Colorado River

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

**Upper Colorado River Basin: 109%**  
**MEAD: 44%**

24.3 MAF  
12.06 MAF  
26.1 MAF

91%  
13.2"



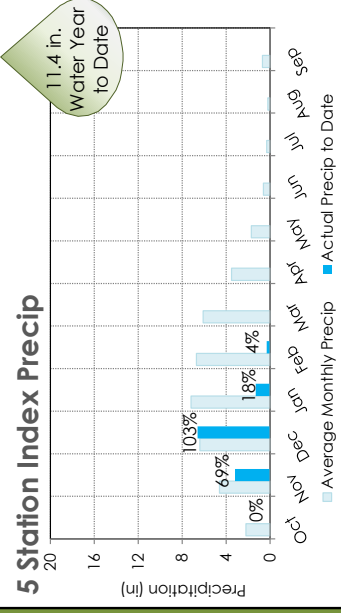
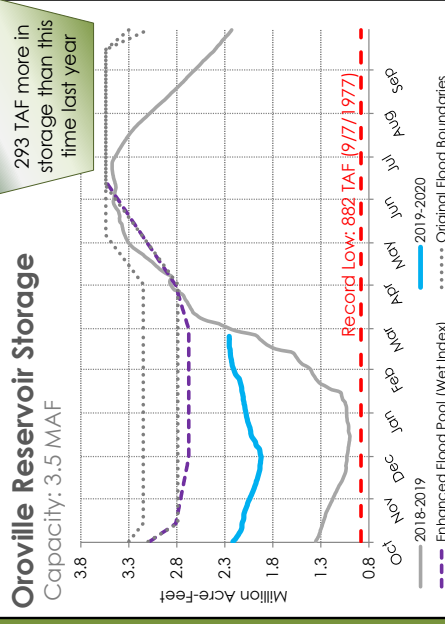
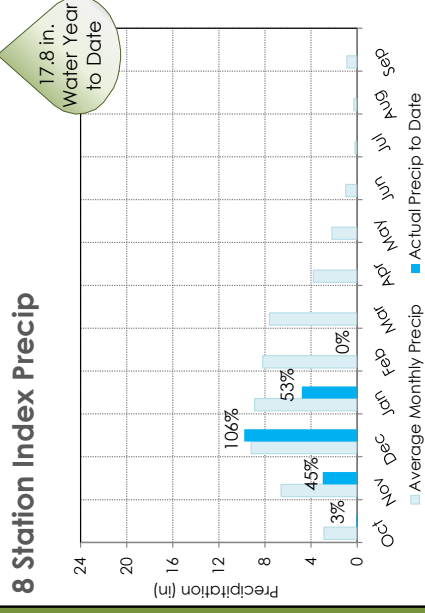
This report is produced by the Water Resource Management Group and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state,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

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

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

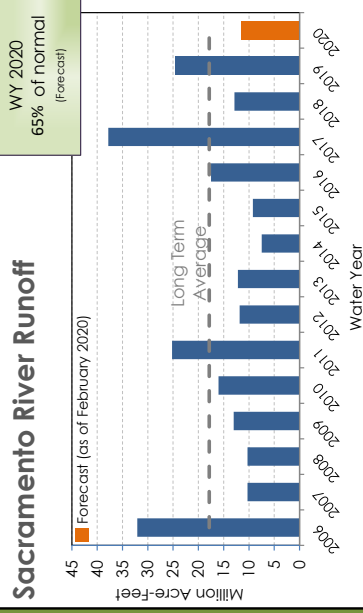
# State Water Project Resources

As of: 02/24/2020



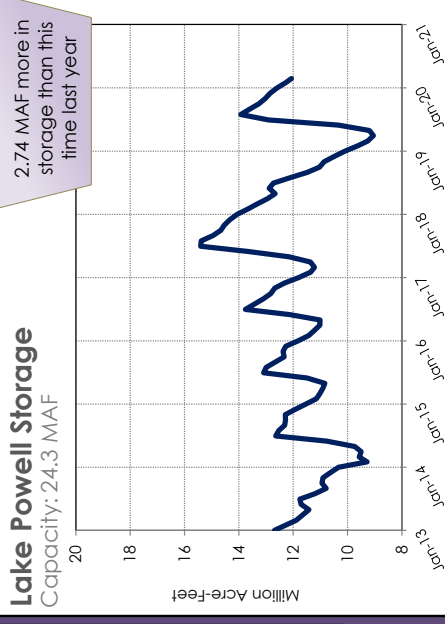
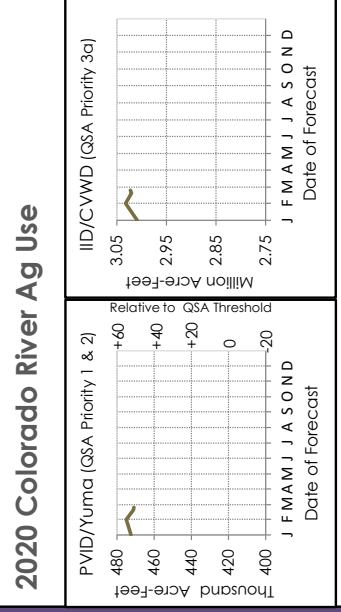
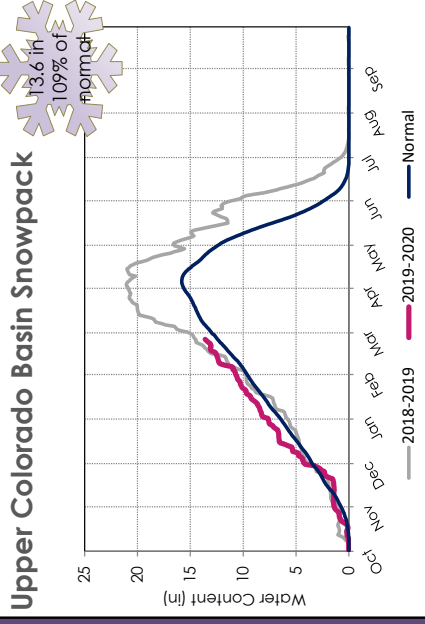
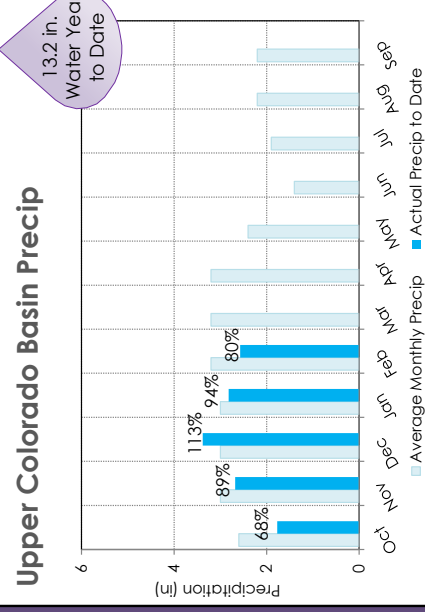
## Other SWP Contract Supplies for 2020 (AF)

Article 21	TBD
Carryover	TBD
Article 14b	TBD



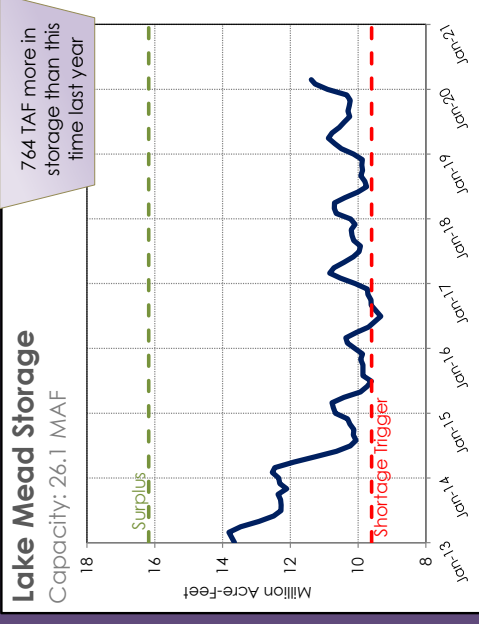
# Colorado River Resources

As of: 02/24/2020

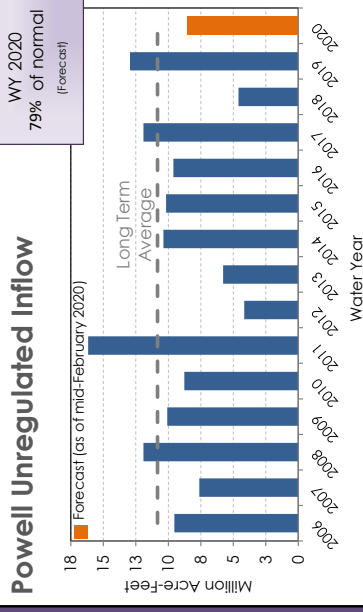


	2020	2021	2022	2023	2024
Shortage	0%	4%	24%	33%	37%
Surplus	0%	0%	7%	12%	19%

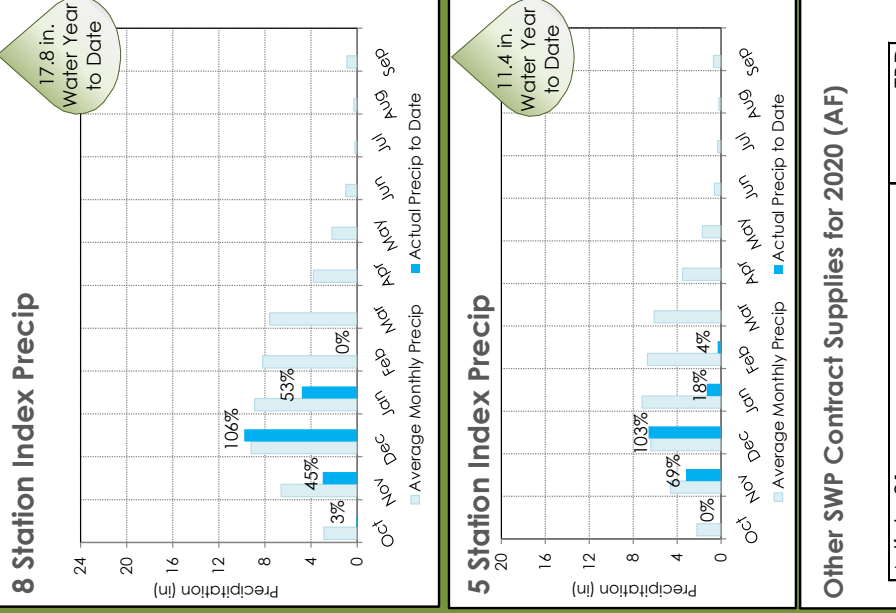
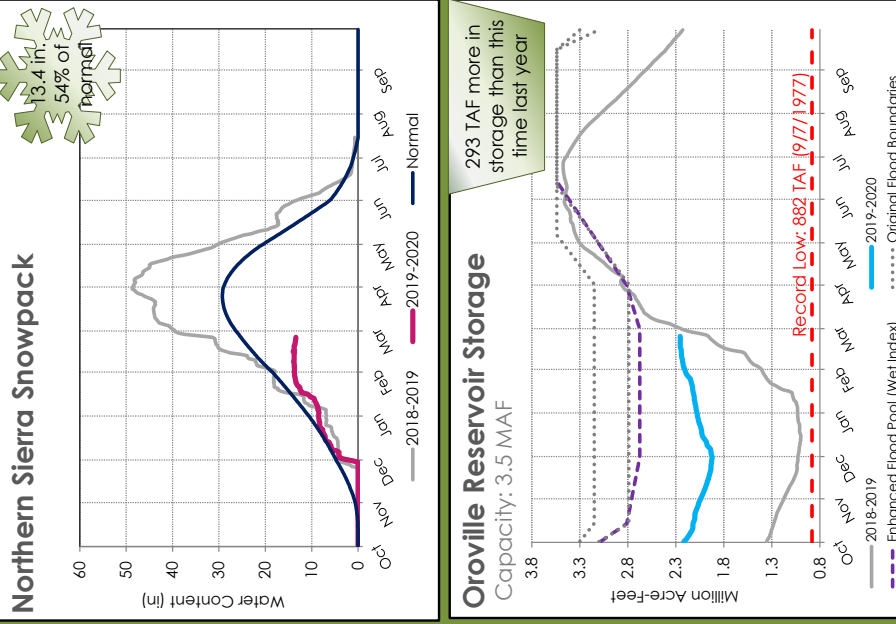
Likelihood based on results from the August 2019 GRSS model run. Includes DCP Contributions. (Revised December 2019).



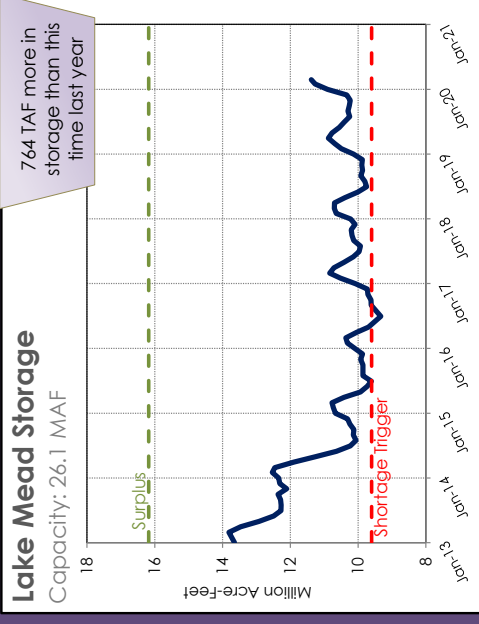
## Lake Mead Shortage/Surplus Outlook



As of: 02/24/2020



Article 21	TBD
Carryover	TBD
Article 14b	TBD





March 3, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

**Subject : Proposed Districtwide Organizational Changes**

**SUMMARY:**

Change is inevitable. The District is currently in the midst of large-scale changes as its aging workforce of long-tenured employees continues to retire, the use of technology expands, cyber and other risks need to be mitigated, and drought and climate change require the development of local, drought-resilient water supplies such as those proposed with the Pure Water Project Las Virgenes-Triunfo.

Over the past several years, the District has focused on preparing for the future workforce and water management needs, first through preparation of the 2016 Strategic Plan and more recently with the 2018 Succession Plan. These efforts laid the foundation to re-think the organizational structure and critical need to maintain a highly-effective workforce to address the future needs of the District.

Each biannual budget process provides an opportunity to review the District's current organizational structure and propose changes to best address changing demands. As part of the process, each Department Director, with input from their managers and staff, proposed recommended organizational changes to be implemented during the next six months. The proposed organizational changes include a combination of recommendations for immediate implementation in Fiscal Year 2019-20 (as noted), together with other recommendations for inclusion in the Fiscal Year 2020-22 Two-Year Budget Plan.

**RECOMMENDATION(S):**

Reclassify a Customer Service Programs Supervisor (M87) position to a Management Analyst I/II (M63/M77) position, reclassify a Field Customer Service Representative I/II (Range 32) position to a Backflow Inspector (Range 59) position, reclassify an Electrician/Instrumentation Technician I/II (Range 51/66) position to an Electrician (Range 41) position and retitle a Computer Support Specialist (Range 52) position to a Technology Support Specialist (Range 52) position; and authorize the inclusion of the following organizational changes in the proposed Fiscal Year 2020-22 Two-Year Budget Plan: addition of a 12-month limited-term Customer Service Representative (Range 33) position, reclassification of a Chief Water

Treatment Plant Operator (Range 77) position to a Water Treatment Supervisor (Range 87) position, reclassification of a Water Treatment Plant Operator III (Range 64) position to a Senior Water Treatment Plant Operator (Range 70) position, addition of two student Intern positions, reclassification of a Systems Analyst (M88) position to a Principal Technology Analyst (M98) position, addition of a Network and Security Technician (Range 52) position and retitling of a SCADA Analyst (M85) position to a Network and SCADA Analyst (M85) position.

**FISCAL IMPACT:**

Yes

**ITEM BUDGETED:**

No

**FINANCIAL IMPACT:**

The recommendations included for immediate implementation in Fiscal Year 2019-20 would result in an annualized cost-savings of \$17,031. Upon full implementation, the annual cost of all proposed organizational changes, net of the cancellation of contract backflow services, would be \$224,801 at the top salary level.

**DISCUSSION:**

In October 2018, the District implemented its first-ever, formalized Succession Plan. The need for the Succession Plan was identified based on the District's demographics and attrition rate. As of August 2018, the average age of the District's workforce was 50.6 years old, and 51% of employees were either eligible to retire or were eligible within 5 years. Since the Succession Plan was implemented, the District has seen seven additional employees retire and nine more leave for other reasons. The District's median age is now 49.2 years old, and 27.8% of the workforce is currently eligible to retire with another 18.5% eligible to retire within 5 years.

The demographic data, combined with new and expanding technology, continues to provide additional challenges to ensure the ability of the District to provide high-quality water and sanitation services to customers. The Pure Water Project Las Virgenes Triunfo, proposed Automated Meter Reading/Advanced Metering Infrastructure Project, growing risk of cyber threats, increased regulatory requirements, continued high rates of attrition and on-going impacts of climate change are a few examples of issues that are impacting the District and must be considered when examining its workforce needs.

Since 2018, each Department has routinely reviewed its operations in the context of the meeting new requirements and ensuring that the District builds a workforce capable of meeting future needs. Each biannual budget provides the opportunity for each Department to take a greater in-depth look at its operations and propose changes to best position the District to meet current and future challenges. The following organizational changes are proposed to be implemented as part of the proposed Fiscal Year 2020-22 Two-Year Budget Plan, unless otherwise noted.

**Engineering & External Affairs:**

Additional workload associated with monthly billing, budget-based rates, backflow device testing and new reporting requirements for SB 606/AB 1668 are expected to impact the customer service operations. Organizational changes are recommended to improve overall operational efficiency and achieve performance targets.

The creation of a new Backflow Inspector position would allow the District to cancel the current contract for backflow services, in the annual amount of \$107,160. With the recommended reclassification of an existing, vacant Field Customer Service Representative I/II to a new Backflow Inspector, together with canceling the current backflow services contract, the annual operational savings is estimated to be \$84,281.

The existing Customer Service Programs Supervisor position is currently vacant due to retirement. In aligning better with the Department’s current and long-term needs, it is recommended to reclassify the vacant position to a Management Analyst I/II position, resulting in an overall salary savings of \$5,183 annually. The position will dedicate a significant amount of time to managing the Automated Meter Reading/Advanced Metering Infrastructure (AMR/AMI) contract and monitoring, analyzing, trouble-shooting and addressing issues associated with the large amount of meter data associated with AMR/AMI.

A limited-term (12-month) Customer Service Representative position is also needed to augment staffing due to potential retirements and/or leaves of absence. The skillset required to address customer inquiries and proficient utilization of the billing software cannot be performed effectively by temporary staffing through an employment agency. This limited-term Customer Service Representative would be adequately trained to ensure that excellent customer service continues in the likely event of a staffing shortage. Approval of this position is in alignment with the District’s efforts related to succession planning.

Other organizational changes being proposed do not have budgetary impacts. The existing Compliance Inspector position, reporting to the Customer Service Programs Supervisor, would begin reporting to the Technical Services Support Supervisor. Also, the Compliance Inspector would provide backup for the customer service counter on the second floor and backup inspection services for construction projects when the other inspectors are too busy or on leaves of absences. The Cross Connection Inspector that also currently reports to the Customer Service Programs Supervisor would report to the Customer Service Operations Supervisor and work in tandem with the new Backflow Inspector.

Following is a summary of the proposed changes and associated costs:

<b>Engineering &amp; External Affairs</b>	<b>Current Cost</b>	<b>New Cost</b>	<b>Increased Cost (Savings)</b>
Reclassify Customer Service Programs Supervisor (M87) to Management Analyst I/II (M63/M77)	\$ 210,949.72	\$ 193,993.78	\$ (16,955.94)
Reclassify Field Customer Service Representative I/II (Range 32) to Backflow Inspector (Range 59) Customer Service	\$ 128,293.15	\$ 159,939.70	\$ 31,646.55

Representative (Range 33) (ltd. term - 12 months)	\$ -	\$ 133,771.18	\$ 133,771.18
Cancellation of Backflow Service Contract	\$ 107,160.00		\$ (107,160.00)
<b>Total E&amp;EA</b>			<b>\$ 41,301.79</b>

Facilities & Operations:

In order to successfully address the challenges of operating the Pure Water Demonstration Project without additional staff and the need to develop a succession plan to train additional treatment plant operators (currently two operators), staff proposes to reclassify the existing Chief Treatment Plant Operator to a Water Treatment Supervisor. The position would take on the additional responsibility of operating the Pure Water Demonstration Project, while training additional staff in the operation of both the Westlake Filtration Plant and Pure Water Demonstration Project. Staff also proposes to reclassify the existing Water Treatment Plant Operator III position to a Senior Water Treatment Plant Operator. The reclassified position would reflect taking on additional responsibility to operate the Westlake Filtration Plant and train new operators, while the Water Treatment Supervisor focuses on operating Pure Water Demonstration Project.

Facilities and Operations Department has experienced difficulties in recruiting qualified candidates for its vacant Electrical/Instrumentation Technician I/II position due to the broad experience requirements in both electrical and instrumentation fields. Few candidates possess both of the required electrical and instrumentation qualifications. After reviewing current operational and maintenance needs, staff proposes to reclassify the position to Electrician to expand the candidate pool and attract more applicants for the position.

Staff also proposes to hire two student Intern positions to assist with the extensive Pure Water Demonstration Project sampling, testing and research needs. The cost of the Student Intern positions would be partially offset by the \$300,000 Title XVI Grant awarded by the U.S. Bureau of Reclamation.

Following is a summary of the proposed changes and associated costs:

Facilities & Operations	Current Cost	New Cost	Increased Cost (Savings)
Reclassify Electrician/Instrumentation Technician I/II (Range 51/66) to Electrician (Range 41)	\$ 169,739.74	\$ 138,018.46	\$ (31,721.28)
Reclassify Chief Water Treatment Plant Operator (S77) to Water Treatment Supervisor (S87)	\$ 203,930.70	\$ 209,796.93	\$ 5,866.23
Reclassify Water Treatment Plant Operator III (Range 64) to Senior Water Treatment Plant Operator (Range 70)	\$ 183,843.27	\$ 189,652.34	\$ 5,809.07
Add two (2) Student Intern Positions		\$ 35,280.00	\$ 35,280.00

**Total F&O**

**\$ 15,234.02**

Finance & Administration:

On June 9, 2015, the Board received the Information Systems Master Plan. The master plan recommended a series of priorities for the District to undertake over the following five-year period and recommended the addition of an Information Systems Technician position. During subsequent year’s budget process, the District opted not to add the recommended position and instead completed various one-time projects utilizing consultant services.

During the last six months, the District has re-evaluated staffing levels for the Information Systems Division and to support new and updated systems being implemented, including: a new Enterprise Resource Planning (ERP) system, upgraded customer information system (CIS), upgraded SCADA system and potential new technologies associated with the proposed implementation of the AMR/AMI Project and the Pure Water Project Las Virgenes-Triunfo. Additionally, cyber and network security needs continue to be a priority, along with implementing technological improvements that can contribute to the efficient operation and the District’s core mission to provide high-quality water and sanitation services to its customers.

To best position the Division to address these emerging issues and trends, staff proposes to reclassify a System Analyst position to a new Principal Technology Analyst to reflect the level of responsibility the position has over critical systems and increased supervisory responsibility. Also, staff proposes to add a Network and Security Technician position. These two changes would result in an annual maximum cost of \$168,265.21. Other non-monetary changes include retitling a Computer Support Specialist to a Technology Support Specialist, and a SCADA Analyst to a Network and SCADA Analyst to more closely align the positions with current demands and District needs.

Following is a summary of the proposed changes and associated costs:

<b>Finance &amp; Administration</b>	<b>Current Cost</b>	<b>New Cost</b>	<b>Increased Cost (Savings)</b>
Reclassify Systems Analyst (M88) to Principal Technology Analyst (M98)	\$ 192,836.71	\$ 210,287.24	\$ 17,450.53
Add Network and Security Technician (Range 52)	\$ -	\$ 150,815.08	\$ 150,815.08
Retitle Computer Support Specialist to Technology Support Specialist			\$ 0
Retitle SCADA Analyst to Network and SCADA Analyst			\$ 0
<b>Total F&amp;A</b>			<b>\$ 168,265.61</b>

Next Steps:

With Board approval of the recommendation, staff would take the necessary steps to modify and recruit for the following positions: Management Analyst I/II, Backflow Inspector, Electrician, Technology Support Specialist and limited-term Customer Service Representative.



Based on direction from the Board to add positions to the proposed Fiscal Year 2020-22 Two-Year Budget Plan and to facilitate filling the positions, staff would time changes and begin the recruitment process to have the following positions filled after July 2020: Water Treatment Supervisor, Senior Water Treatment Plant Operator, Principal Technology Analyst, Network and SCADA Analyst and Network and Security Technician.

**GOALS:**

Assure a Quality, Continually Improving Workforce

Prepared by: Donald Patterson, Director of Finance and Administration

**ATTACHMENTS:**

Current Organizational Structure

Proposed Organizational Structure - March 3, 2020

Proposed Organizational Structure - Fiscal Year 2020-22 Two-Year Budget Plan









March 3, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Finance & Administration

**Subject : Claim by Charter Spectrum**

**SUMMARY:**

On January 22, 2020, the District received the attached claim by Charter Spectrum, in the amount of \$27,543.28, for reimbursement of expenses incurred when a water main break allegedly damaged its power supply on Fairview Place in the City of Agoura Hills. Charter Spectrum alleges that its power supply fell into a hole caused by the water main break and became buried. Staff investigated the claim and confirmed the damage to the Charter Spectrum facility. As a result, staff recommends approval of the claim.

**RECOMMENDATION(S):**

Approve the claim by Charter Spectrum, in the amount of \$27,543.28, for damages to its facility in the 5000 block of Fairview Place in the City of Agoura Hills.

**FISCAL IMPACT:**

Yes

**ITEM BUDGETED:**

No

**FINANCIAL IMPACT:**

The cost to settle the claim is \$27,543.28. Sufficient funds are available in the adopted Fiscal Year 2019-20 Budget.

**DISCUSSION:**

Staff investigated the claim and confirmed that a water main break occurred on December 27, 2019, in the 5000 block of Fairview Place in the City of Agoura Hills, directly adjacent to a

Charter Spectrum power supply. Charter Spectrum alleges that its power supply fell into the hole caused by the water main break and became buried. Staff confirmed that Charter Spectrum's power supply was damaged and that the amount of the claim is reasonable. As a result, staff recommends approval of the claim in exchange for a full release of liability.

**GOALS:**

Ensure Effective Utilization of the Public's Assets and Money

Prepared by: Mary Capps, Administrative Assistant

**ATTACHMENTS:**

Claim by Charter Spectrum



# INVOICE



Please make check payable to: Charter Spectrum

<b>Remit to:</b>	<b>Charter Spectrum</b> PO Box 955871 St. Louis, MO 63195-5871	<b>Invoice#:</b>	CHS-72300
		<b>Date:</b>	January 17, 2020
		<b>Terms:</b>	Due Upon Receipt
		<b>Conf Code:</b>	PE6GL

<b>Responsible for Damages:</b>
Las Virgenes Municipal Water District 4232 Las Virgenes Rd Calabasas, CA 91302

<b>Date &amp; Address Where Damage Occurred:</b>
12/27/2019 5537 Fairview Pl Agoura Hills, CA 91301

**Labor and Material Costs:**

	<u>Units</u>	<u>Unit Rate</u>	<u>Amount</u>
<i>Internal Labor Costs</i>			
Dispatcher	1.00	\$65.00	\$65.00
Coordinator	5.00	\$95.00	\$475.00
Truck w/Tools	5.00	\$95.00	\$475.00
System Tech	5.00	\$95.00	\$475.00
Bucket Truck w/Tools	5.00	\$95.00	\$475.00
Construction Supervisor	5.00	\$145.00	\$725.00
Investigation Mobilization	1.00	\$100.00	\$100.00
Field Investigation Time	5.00	\$75.00	\$375.00
Allocated Loss Adjustment Expense	1.00	\$290.00	\$290.00
<b>Sub-Total</b>			<b>\$3,455.00</b>
<i>Other Costs</i>			
Install A New Riser	1.00	\$80.00	\$80.00
Pole Make Ready	1.00	\$60.00	\$60.00
Aerial Line / Bucket Truck With Crew	16.00	\$160.00	\$2,560.00
Coax Splicer Or RF Activation Technician	8.00	\$50.00	\$400.00
Perform Aerial/UG Engineering Survey For Row Or Utility Easement Permit and or For Design Of Coax Or Fiber Setup Fee	10000.00	\$1.00	\$10,000.00
Composite Aerial/UG Splicing with Activation	65.00	\$2.63	\$170.95
Open Trench and Place New Underground Conduit(s), Up To four (4) inch Capacity To thirty-six (36) inch Cover	40.00	\$27.50	\$1,100.00
Place Each Coax Cable In Empty Duct	40.00	\$0.80	\$32.00
Remove and Restore Concrete Surfaces Up To six (6) inch Thickness	20.00	\$15.00	\$300.00
Install Ground Mounted Power Supply	1.00	\$1,200.00	\$1,200.00
Dig Up and Repair Damaged Conduit Less Than forty-eight (48) inch Depth	1.00	\$275.00	\$275.00
Re-Powering Coax Plant passthrough	2.00	\$15.00	\$30.00
	2500.00	\$1.10	\$2,750.00
<b>Sub-Total</b>			<b>\$19,057.95</b>
<i>Material Costs</i>			
Power Inserter 1Ghz Surg Term Compat 15A C-Cor	1.00	\$31.93	\$31.93
Kit Battery Cable For 60V & 90V Bck-Hd	1.00	\$24.50	\$24.50
Battery Gel Type 12V 86A - 4Yr Warranty	6.00	\$133.25	\$799.50
Conduit Coupler 3In Sch 40	2.00	\$1.48	\$2.96
Charger Manager Alphagard	1.00	\$76.83	\$76.83
Kit Battery Cable F/Ce-3 25Ft	1.00	\$197.77	\$197.77
Conduit 3Inx20Ft Sch 40	25.00	\$1.25	\$31.25

Conn 540 (Qr) Pin 3Pc	6.00	\$5.32	\$31.92
Conduit Sweep 3X90X24 Sch 40	1.00	\$8.95	\$8.95
Battery Sense Kit, 1X36Dvc, 6Ft	1.00	\$25.01	\$25.01
Cabinet Ps Grnd Mnt Gray 6 Batt 65K Aic Breaker	1.00	\$1,877.68	\$1,877.68
Power Supply Module Xm2 90V Hv w/Dsmh	1.00	\$1,172.34	\$1,172.34
Manager Battery Charge 36V w/Battery Interface Cable	1.00	\$130.91	\$130.91
Vault 24X36X18In Rpm 30K w/Lid	1.00	\$582.78	\$582.78
Cable 540 Tx Semiflex Jktd Flooded Ug	100.00	\$0.36	\$36.00
<b>Sub-Total</b>			<b>\$5,030.33</b>
<b>Invoice Total</b>			<b>\$27,543.28</b>

For questions regarding this invoice, please contact: Lakisha Rankin, 720-500-9634 or via email at [lrarkin@prgconsulting.net](mailto:lrarkin@prgconsulting.net)



## Damage Investigation Findings

<b>PRG CLAIM:</b>	CHS-72300	
<b>DATE OF DAMAGE:</b>	12/27/2019	06:00 AM
<b>NOTIFICATION:</b>	12/27/2019	08:25 AM
<b>LOCATION:</b>	5537 Fairview Pl, Agoura Hills, CA 91301	
<b>ARRIVAL:</b>	12/27/2019	02:00 PM
<b>INVESTIGATOR:</b>	Delon Walker	

### SUMMARY

On Friday, December 27, 2019, I was notified by Charter Spectrum employee PATRICIA ROBERTSON about damage at 5537 Fairview Pl, Agoura Hills, CA 91301. The damage happened to Power Supply at the Sidewalk by a Water Main.

Las Virgenes Municipal Water District had a water main break which caused damaged to the Power Supply Cabinet belonging to Spectrum. The power supply is a fixed object that sits in the sidewalk and services customers. When the power supply was damaged it caused an outage to nearby business and residential customers.

Spectrum responded to the outage and found their power supply buried underground.



## STATEMENTS

**Patricia Robertson - Spectrum - Construction Coordinator** - Patricia stated that their power supply fell into the hole caused by the water main break. She stated that once the water main was repaired they could get in and replace the power supply cabinet and equipment inside.

## DETERMINATION

Spectrum's power supply was damaged when the water main broke. The power supply had to be replaced to get service to customers restored.



## ROOT CAUSE

Water main caused road to collapse damaging equipment.



72300 - Investigator1.JPG



72300 - Investigator2.JPG



72300 - Investigator3.JPG



72300 - Investigator4.JPG



72300 - Investigator5.JPG



72300 - Investigator6.JPG



72300 - Investigator7.JPG



72300 - Investigator8.JPG



72300 - Investigator9.JPG



72300 - Investigator10.JPG



72300 - Investigator11.JPG



72300 - Investigator12.JPG



72300 - Investigator13.JPG



72300 - Investigator14.JPG



72300 - Investigator15.JPG



72300 - Investigator16.JPG



72300 - Investigator17.JPG



72300 - Investigator18.JPG



72300 - Investigator19.JPG



72300 - Site Sketch Image1.JPG



72300 - Technician1.jpg



72300 - Technician2.jpg



72300 - Technician3.jpg



72300 - Technician4.jpg



72300 - Technician5.jpg



March 3, 2020 LVMWD Regular Board Meeting

TO: Board of Directors

FROM: Engineering and External Affairs

---

**Subject : Westlake Filter Plant and Torchwood Tank Landscaping Project:  
Construction Award**

---

**SUMMARY:**

On December 17, 2019, the Board authorized a Call for Bids for landscaping work around the Torchwood Tank (aka 5-Million-Gallon Tank) and Westlake Filtration Plant. The work consists of a combination of previously-planned landscaping for screening purposes and Woolsey Fire damage recovery. A total of eight bids were received and publicly opened. Staff recommends awarding a construction contract to the lowest responsible bidder, FS Contractors, Inc., in the amount of \$187,860, which is 4.1% above the Engineer's Estimate. Staff evaluated the bids and followed up with references for the two lowest bidders. FS Contractors has successfully performed several local landscaping projects for the City of Agoura Hills and County of Los Angeles.

**RECOMMENDATION(S):**

Award a construction contract to FS Contractors, Inc., in the amount of \$187,860, and reject all remaining bids upon receipt of duly executed contract documents for the Westlake Filter Plant and Torchwood Tank Landscaping Project; and appropriate an additional \$15,072 to CIP No. 10642, Westlake Filter Plant Landscape Plan Project (Pre-Woolsey Fire).

**FISCAL IMPACT:**

Yes

**ITEM BUDGETED:**

Yes

**FINANCIAL IMPACT:**

The total cost of the project is estimated to be \$284,452.20 with a portion eligible for reimbursement through the District's insurance carrier or FEMA as Woolsey Fire damages.



As a result, costs for the work are being tracked and allocated separately under three capital improvement projects: (1) Westlake Filter Plant Landscape Plan; (2) Westlake Filter Plant - Woolsey Fire Repair; and (3) Remote Site Repair - LVMWD only - Woolsey Fire. This approach allows the District to distinguish pre-Woolsey Fire improvements from post-Woolsey Fire repairs to facilitate reimbursement for eligible work. An additional appropriation, in the amount of \$15,072, is required for CIP No. 10642 for pre-Woolsey Fire improvements proposed around the Westlake Filtration Plant. Sufficient funds are available for the remaining work in the adopted Fiscal Year 2019-20 Budget.

**DISCUSSION:**

The Westlake Filtration Plant and Torchwood Tank Landscaping Project is a combination of planned improvements and post-Woolsey Fire landscaping and irrigation damage repairs. The proposed landscaping, which was designed by L. Newman Design Group (LNDG), includes facility screening trees and shrubs, as well as a new irrigation system around the treatment plant, hydroseeding near the main building and irrigation repairs on the berm adjacent to the Torchwood Tank. The screening plans were presented to and incorporated suggestions from the City of Westlake Village, Three Springs Homeowners Association and local residents.

Given LNDG’s involvement with these various projects, staff requested that the plans be combined and advertised together to encourage competitive proposals from landscape contractors. Staff made a concerted effort to reach out to both local and regional landscape contractors to ensure awareness of the project.

The Board authorized a Call for Bids on December 17, 2019. Staff held a mandatory pre-bid job walk on January 23, 2020, attended by 11 landscape contractors. Eight bids were received with FS Contractors, Inc., submitting the lowest responsible bid, in the amount of \$187,860, which is 4.1% above the Engineer’s Estimate. Upon reviewing the submitted bids, staff decided to follow-up on references for the two lowest bidders because they were only separated by a margin of \$140. Both firms are determined to be equally qualified, DIR-registered and licensed landscape contractors. FS Contractors has successfully performed several local landscape projects in Agoura Hills and Calabasas. After speaking with references, staff is confident that FS Contractors would successfully complete the project.

The Engineer’s Estimate for construction was \$180,420. Following is a summary of the bid results:

<b>Bidder</b>	<b>Bid Total</b>	<b>Percentage Above Estimate</b>
FS Contractors, Inc.	\$187,860.00	4.1%
STL Landscape, Inc.	\$188,000.00	4.2%
Mariposa Landscapes, Inc.	\$194,797.83	8.0%
BrightView Landscape Serv.	\$218,044.53	20.8%
Venco Western, Inc.	\$220,779.00	22.4%
Terra Form, Inc.	\$280,945.00	55.7%
Plowboy Landscapes, Inc.	\$359,265.00	99.1%
Golden Gate Construction	\$362,135.00	100.7%

Following is a summary of the anticipated costs broken down by individual project:

<b>Westlake Filter Plant Landscape Plan (CIP No. 10642)</b>	<b>Cost</b>
<u>Professional Services:</u>	
Design, Bidding	\$3230.00
- Scope Change #1	\$1,350.00
<u>Construction:</u>	
Construction Award	\$37,600.00
Construction Contingency (10%)	\$3,760.00
<u>Administrative:</u>	
District Labor (12%)	\$4,512.00
G&A (20%)	\$7,520.00
<b>Total Project Cost</b>	<b>\$57,972.00</b>
Existing Appropriation	\$42,900.00
Additional Appropriation (proposed)	\$15,072.00

An additional appropriation is required for CIP No.10642, Westlake Filter Plant Landscape Plan Project, in the amount of \$15,072.00, for construction costs, District labor and estimated G&A expenses.

<b>Westlake Filter Plant-Woolsey Fire Repair</b>	<b>Cost</b>
<u>Professional Services:</u>	
Design, Bidding	\$11,920.00
- Scope Change #1	\$4,175.00
<u>Construction:</u>	
Construction Award	\$104,810.00
Construction Contingency (10%)	\$10,481.00
District Labor (12%)	\$12,577.20
G&A (20%)	\$20,962.00
<b>Total Project Cost</b>	<b>\$164,925.20</b>
Existing Appropriation	\$2,016,925.00

<b>Remote Site-LVMWD-Woolsey Fire Repair (Torchwood Tank Only)</b>	<b>Cost</b>
<u>Professional Services:</u>	
Design, Bidding	\$2,470.00
<u>Construction:</u>	
Construction Award	\$45,450.00
Construction Contingency (10%)	\$4,545.00
District Labor (12%)	\$5454.00
G&A (20%)	\$9,090.00
<b>Total Project Cost</b>	<b>\$61,555.00</b>
Existing Appropriation	\$908,493.00

No additional appropriations are needed for the projects designated for Woolsey Fire repairs.

**GOALS:**

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

Prepared by: Veronica Hurtado, Assistant Engineer