

APPENDIX B: eCCR Certification Form (Suggested Format)

Consumer Confidence Report Certification Form

(To be submitted with a copy of the CCR)

Water System Name: Las Virgenes Municipal Water District

Water System Number: 0407-01P-002

The water system named above hereby certifies that its Consumer Confidence Report was distributed on July 1, 2020 (date) to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the State Water Resources Control Board, Division of Drinking Water (DDW).

Certified by: Name: Ursula Bosson

Signature: Ursula Bosson

Title: Customer Service Manager

Phone Number: (818) 251-2113

Date: 9/28/2020

To summarize report delivery used and good-faith efforts taken, please complete this page by checking all items that apply and fill-in where appropriate:

- ☐ CCR was distributed by mail or other direct delivery methods (attach description of other direct delivery methods used).
- ☒ CCR was distributed using electronic delivery methods described in the Guidance for Electronic Delivery of the Consumer Confidence Report (water systems utilizing electronic delivery methods must complete the second page).
- ☒ "Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods:
 - ☒ Posting the CCR at the following URL: www.LVMWD.com/WQR2019
 - ☐ Mailing the CCR to postal patrons within the service area (attach zip codes used)
 - ☒ Advertising the availability of the CCR in news media (attach copy of press release)
 - ☐ Publication of the CCR in a local newspaper of general circulation (attach a copy of the published notice, including name of newspaper and date published)
 - ☐ Posted the CCR in public places (attach a list of locations)
 - ☐ Delivery of multiple copies of CCR to single-billed addresses serving several persons, such as apartments, businesses, and schools
 - ☐ Delivery to community organizations (attach a list of organizations)
 - ☐ Publication of the CCR in the electronic city newsletter or electronic community newsletter or listserv (attach a copy of the article or notice)
 - ☒ Electronic announcement of CCR availability via social media outlets (attach list of social media outlets utilized)
 - ☐ Other (attach a list of other methods used)
- ☐ For systems serving at least 100,000 persons: Posted CCR on a publicly-accessible internet site at the following URL: www.
- ☐ For privately-owned utilities: Delivered the CCR to the California Public Utilities Commission

Consumer Confidence Report Electronic Delivery Certification

Water systems utilizing electronic distribution methods for CCR delivery must complete this page by checking all items that apply and fill-in where appropriate.

- ☒ Water system mailed a notification that the CCR is available and provides a direct URL to the CCR on a publicly available website where it can be viewed (attach a copy of the mailed CCR notification).
URL: www.LVMWD.com/WQR2019
- ☒ Water system emailed a notification that the CCR is available and provides a direct URL to the CCR on a publicly available site on the Internet where it can be viewed (attach a copy of the emailed CCR notification). URL: www.LVMWD.com/WQR2019
- ☒ Water system emailed the CCR as an electronic file email attachment.
- ☐ Water system emailed the CCR text and tables inserted or embedded into the body of an email, not as an attachment (attach a copy of the emailed CCR).
- ☐ *Requires prior DDW review and approval.* Water system utilized other electronic delivery method that meets the direct delivery requirement.

Provide a brief description of the water system's electronic delivery procedures and include how the water system ensures delivery to customers unable to receive electronic delivery.

LVMWD utilized multiple outlets and platforms to notify the entirety of our service area that the 2019 Consumer Confidence Report was available. The primary notification method was a direct mail postcard. On this postcard there were instructions in both English and Spanish on how residents within our service area could request a paper copy of the CCR as was sent out to all addresses within our service area zip codes. Additionally, with the constraints of the ongoing COVID-19 Pandemic, LVMWD advertised heavily in local newspapers that the CCR was available, which included instructions on how residents could obtain paper copies if desired. The LVMWD Public Affairs staff has a list of the addresses for those who wished to receive a paper copy and then mailed them out.

*This form is provided as a convenience and may be used to meet the certification requirement of
section 64483(c) of the California Code of Regulations.*



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

Las Virgenes Municipal Water District Meets or Exceeds *ALL* Water Quality Standards Highlighted in the Now Available Annual Water Quality Report

LVMWD customers continue to receive high-quality, healthy, clean water at a reasonable cost that meets or exceeds the strict water quality regulations issued by the State of California.

Contact:

Steven Baird, Public Affairs Associate

818-251-2127 (w) sbaird@lvmwd.com

Riki Clark, Public Affairs Associate

818-251-2129 (w) 909-646-0199 (c) rclark@lvmwd.com

For Immediate Release

June 30, 2020

CALABASAS, CA – Las Virgenes Municipal Water District (LVMWD) released its annual Consumer Confidence Report/Water Quality Report (CCR/WQR). This report is distributed to customers and residents of our service area every year by July 1st in accordance with federal and state regulations.

Each year LVMWD pulls over 1,200 samples from throughout its distribution system and conducts over 11,000 tests on those samples. These results, as well as the results from the testing performed by Metropolitan Water District of Southern California (MWD) on the treated source water imported by LVMWD, are compiled into the CCR/WQR.

The CCR/WQR is an annual report that shows the quality and safety of the LV Tap water distributed to our customers. Testing levels for a number of different contaminants and their corresponding regulatory levels are provided, giving customers the confidence in the safety of their water. These tests are performed in the District's state certified testing lab at the Tapia Water Reclamation Facility. With no local source of drinking water, LVMWD relies on treated, imported water from MWD for our customers. This report also provides the testing data from MWD on the water from the Jensen Treatment Plant where our imported water is treated providing the transparency necessary to build trust in our products and services amongst our communities.

What this report also shows is that in 2019, LVMWD water passed and exceeded all federal and state regulations placed on drinking water. These regulations, set by the Environmental Protection Agency and California Department of Drinking Water, ensure the water we serve is safe and clean for our customers. Additionally, the CCR/WQR contains valuable information for our customers regarding water conservation, lead and copper testing, and emerging contaminants such as PFAS/PFOA.

The District's mission to always provide high-quality water service in a cost-effective and environmentally sensitive manner inspired a move to digital distribution of the report in 2019.

"We are always looking for ways to make District operations more effective and efficient. By distributing our CCR/WQR electronically we can reduce both the cost and carbon footprint associated with the report, so it checks all the boxes," stated Public Affairs and Communications Manager Mike McNutt.

Although the CCR/WQR will primarily be distributed electronically, the District will continue to make paper copies available. For customers who wish to receive a printed copy of the 2019 CCR/WQR, please call our customer service department at (818) 251-2200. Customers and area residents have received postcards directing them to our specific webpage - LVMWD.com/WQR2019 - where the report is available for review and download.

Be sure to follow us on Facebook, Twitter @lvmwd and Instagram @LasVirgenes_MWD.

Las Virgenes Municipal Water District provides potable water, wastewater treatment, recycled water and biosolids composting to more than 70,000 residents in the cities of Agoura Hills, Calabasas, Hidden Hills, Westlake Village, and unincorporated areas of western Los Angeles County.

###



Las Virgenes Municipal Water District
4232 Las Virgenes Rd.
Calabasas, CA 91302-1994
(818) 251-2200

COMING SOON: Starting July 1, 2020 you will be able to view the
Las Virgenes Municipal Water District annual Water Quality Report online at:

LVMWD.com/WQR2019

This report contains important information about the source and quality
of your drinking water.

Please call (818) 251-2200 if you would like a paper report delivered to your home.

Customers who previously requested a paper copy will be mailed one automatically.

A partir del primero de Julio de 2020, usted podrá ver el informe anual
de la calidad de su agua producida por Las Virgenes Municipal Water District
visitando la pagina de internet: <http://www.LVMWD.com/WQR2019>
Por favor llame al (818) 251-2200 si desea una copia.



Las Virgenes Municipal
Water District
4232 Las Virgenes Rd.
Calabasas, CA 91302-1994

This card contains important information
regarding the annual Consumer Confidence
Report/Water Quality Report.

Please see the reverse for
complete details.

Esta tarjeta contiene información
importante sobre su Informe de
Confianza del Consumidor/
Informe de Calidad de Agua.

Por favor vea el reverso para
detalles completos.



Las Virgenes Municipal Water District webmaster@lvmwd.com
Learn More About Your Water: 2019 LVMWD Water Quality Report Available Now!
webmaster@lvmwd.com

Water Quality Report is Available Now
07/01/2020 3:43 PM

Las Virgenes Municipal Water District (LVMWD) released its annual Consumer Confidence Report/Water Quality Report (CCR/WQR) today. This report is distributed to customers and residents of our service area every year by July 1st in accordance with federal and state regulations.

LVMWD pulls over 1,200 samples from throughout its distribution system and conducts over 11,000 tests on those samples. These results, as well as the results from the testing performed by Metropolitan Water District of Southern California (MWD) on the treated source water imported by LVMWD, are compiled into the CCR/WQR.

CCR/WQR is an annual report that shows the quality and safety of the LV Tap water distributed to our customers. Testing levels for a number of different contaminants and their corresponding regulatory levels are provided, giving customers confidence in the safety of their water. These tests are performed in the District's state certified testing lab at the Taha Water Remediation Facility. With no local source of drinking water, LVMWD relies on treated, imported water from customers. This report also provides the testing data from MWD on the water from the Jensen Treatment Plant, where our imported water is treated providing the transparency necessary to build trust in our products and services at our communities.

This report also shows that in 2019, LVMWD water passed and exceeded all federal and state regulations placed on drinking water. These regulations, set by the Environmental Protection Agency and California Department of Drinking Water, ensure the water we serve is safe and clean for our customers. Additionally, the CCR/WQR contains valuable information for our customers regarding water conservation, lead and copper testing, and emerging contaminants such as PFAS.

LVMWD's mission to always provide high-quality water service in a cost-effective and environmentally sensitive manner inspired a move to digital distribution of the report in 2019.

We are always looking for ways to make District operations more effective and efficient. By distributing our CCR/WQR electronically we can reduce both the cost and carbon footprint associated with the report, so it checks all the boxes for our customers and the environment.

With the CCR/WQR will primarily be distributed electronically, the District will continue to make paper copies available. For customers who wish to receive a printed copy of the 2019 CCR/WQR, please call our customer service department at 805-251-2200. Customers and area residents have received postcards directing them to our specific CCR/WQR webpage - lvmwd.com/2019CCR - where the report is available for review and download.

Please follow us on Facebook, Twitter @lvmwd and Instagram @LasVirgenes_MWD.

Source: www.lvmwd.com

Copyright 2020 Las Virgenes Municipal Water District

2019 LVMWD CCR “Good Faith Efforts”

Notice of availability in Quarterly Customer Newsletter (Current Flow)

- 6-10-2020 thru 7-8-2020

Advertising the availability of the CCR in news media

- 6-19-20 issue of The LV Enterprise – p.15
- 6-25-20 issue of the Acorn – p.11
- 6-25-20 issue of the LV Enterprise – p.2
- 7-2-20 issue of The Acorn – p.19
- 7-2-20 Issue of the LV Enterprise – P.2
- 7-9-20 Issue of The Acorn – p.12
- 7-9-20 Issue of the LV Enterprise –p.13

Electronic announcement of CCR availability via social media outlets:

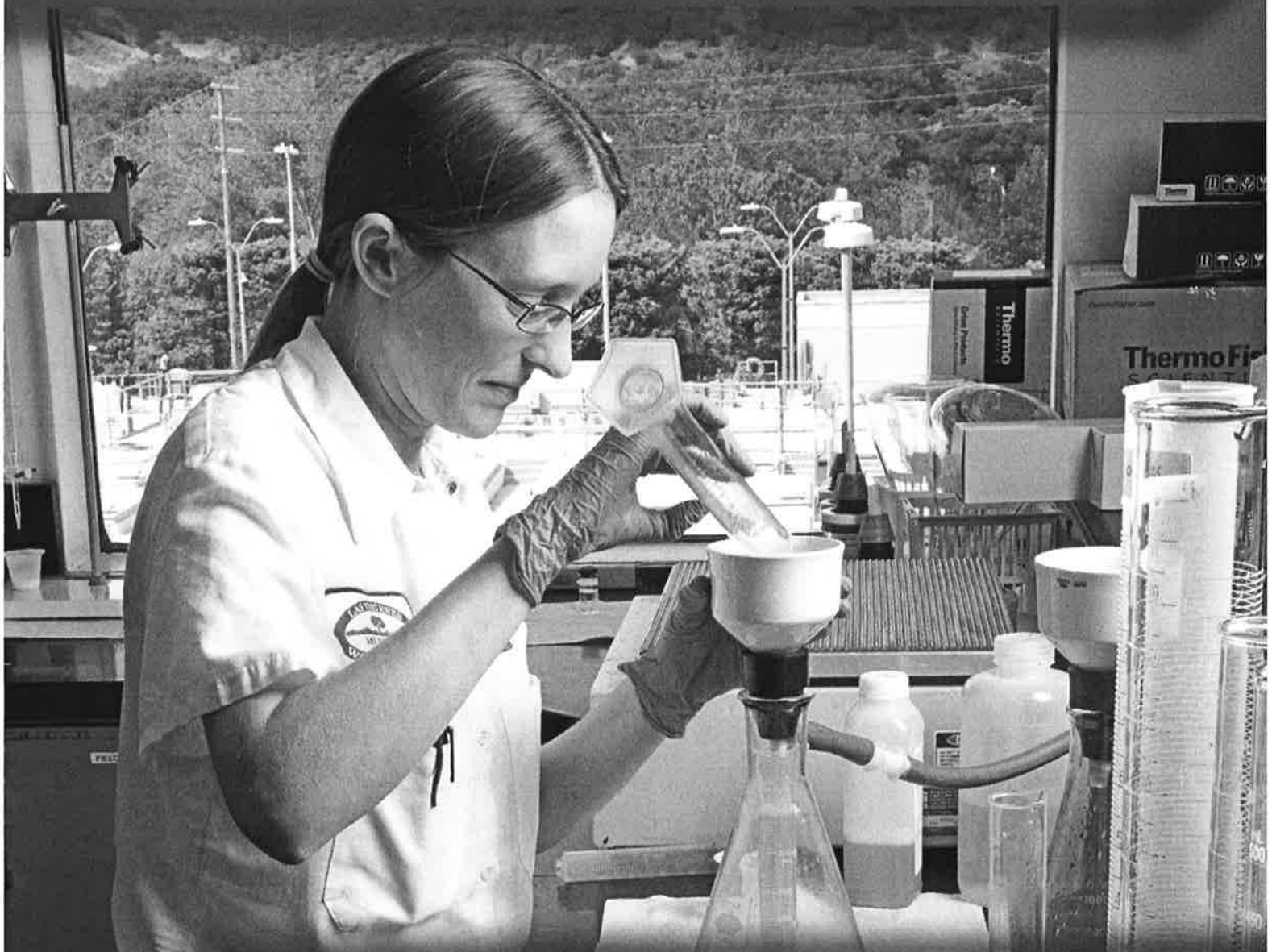
- Facebook (6-30-20 thru 7-4-20) Boosted Post
- Instagram (6-30-20 thru 7-4-20) Boosted Post
- Nextdoor (7-1-2020)
- Facebook Water Quality Month CCR Ad (8-4-20 thru 8-31-20)

Other:

- E-notification to customers with email addresses on file – CCR as an Attachment and direct link provided
- Webpage banner on LVMWD.com
- News Item on LVMWD.com
- Delivery of individual CCR by mail on request

LAS VIRGENES MUNICIPAL WATER DISTRICT

2019 Water Quality &
Consumer Confidence Report



4232 Las Virgenes Road
Calabasas, CA 91302

TO OUR VALUED CUSTOMERS



We all have been going through an unprecedented moment in our history. No matter how challenging the world becomes, LVMWD will always provide high quality, healthy, clean, and cost effective water to you and your businesses. This is our commitment to you and our most important function as a water District.

We have always been a forward thinking organization from our inception and grassroots efforts dating back 62 years. We were one of the first Districts in the state to reuse recycled water from our Tapia Water Reclamation Facility for outdoor irrigation of parks, sports fields, medians, and eventually some homes and businesses.

We are only one of two Districts in California that uses an automated "in vessel" process to create nutrient rich Grade – A Exceptional compost as a free service to our communities. Not only is this a beneficial reuse of treatment byproducts, it is also a way for us to help close the sustainability loop by removing the need to

haul bio-solids hundreds of miles away for disposal which minimizes our carbon footprint.

We are in the process of expanding our one-megawatt solar field to five-megawatts. The energy created from this expansion will completely offset annual electrical costs for the Tapia Water Reclamation Facility saving money for our customers and the need to continue relying on expensive electricity that releases greenhouse gas emissions into the atmosphere.

Our region relies solely on imported water from the Northern Sierra Nevada Mountains. In the event of another drought or emergency, it is critical that we expand our water portfolio so we can localize our water supply. The Pure Water Project Las Virgenes Triunfo Demonstration Facility is slated to open its doors for tours and water sampling in the fall of 2020.

The proven technology will take recycled water and further treat it to drinking water standards as a way to create a localized drinking water source. It will account for nearly 15% of our drinking water needs.

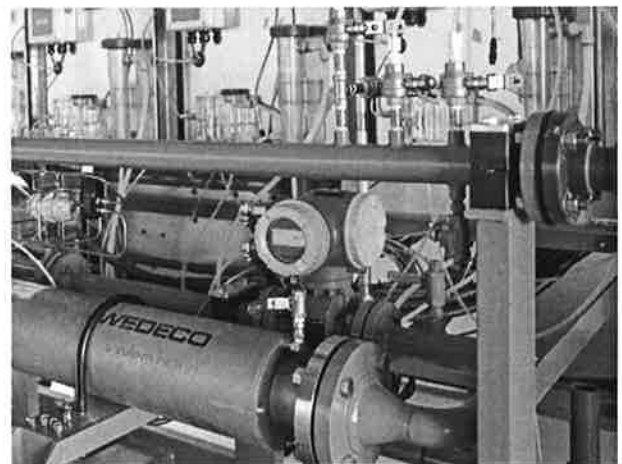
I want to thank all of our customers for your trust in our abilities in being your water provider. Our staff is highly trained and certified to ensure that you receive the safest and best product possible. We will continue to look forward by implementing cost-effective, sensible, thoughtful, and environmental conscientious decisions that benefit all of us.

Sincerely,

A handwritten signature in black ink, reading "Dave W. Pedersen".

Dave W. Pedersen, P.E.
General Manager

New expanded solar field will provide millions in savings while reducing our carbon footprint.



Advanced Water Treatment Equipment at the Pure Water Demonstration Facility at LVMWD HQ.

OUTDOOR WATER CONSERVATION TIPS

The most common mistake people make in their home landscaping is not properly adjust their irrigation timers for the change in seasons. This adjustment is especially critical in maintaining an efficient irrigation schedule.

A weather based irrigation controller (WBIC) can take the confusion out of setting your irrigation schedule. This cutting-edge technology harnesses the science of Evapotranspiration; the combined measure of water loss by plants caused by evaporation and transpiration. This, in tandem with the utilization of local climate data and weather information, means the WBIC is fine tuning the irrigation to the actual site conditions of your yard. Weather based irrigation is the most effective way to support a drought tolerant and water efficient landscape. Both over and under watering our landscapes weakens the plants, and makes them more vulnerable to high temps and the dry weather.

Over watering landscapes represents one of the largest sources of water waste in our district, state and country. The United States Environmental Protection Agency estimates that residential outdoor water use in the United States accounts for almost 9 billion gallons of water a day and as much as 50 percent of this is wasted from overwatering caused by inefficiencies in irrigation techniques and systems. Replacing a conventional timer with a WBIC can eliminate a large part of that wasted water by optimally scheduling your irrigation.

Additionally, customers can maximize their outdoor irrigation by employing a few simple techniques.

Aeration: If your lawn is turning brown at the first sign of heat, or has poor drainage it could be a sign of soil compaction. Aeration is a process where holes are put into the soil, breaking up the compacted soil to allow water, air and nutrients to reach the grass roots. This promotes deeper root growth making your lawn more water efficient and resilient when the heat of summer comes.

Topdressing/Feeding/Fertilizing: This helps condition your soil, adds nutrients crucial to healthy plant growth, and is a great way to promote water absorption for both your lawns and planters. Feeding is best done when soil is moist so look to take advantage and fertilize when rain is forecasted.

Overseeding: If your lawn is looking a little bare in spots applying grass seed after aeration and top dressing is a great option to help fill in your turf, this is best done as winter turns to spring. Overseeding isn't appropriate for all types of turf, but can be a good way to fill in some of the bare spots.

Irrigation Tune-Up: With summer upon us, you will need to rely on your irrigation system to get your landscape the water it needs. Make sure that your irrigation system is operating properly and free of leaks. Many times, coverage deficiencies and improper irrigation schedules can be the cause of many landscape issues. Run each station individually making sure each sprinkler head is properly aligned and not being blocked by new plant growth.

For more on water conservation go to LVMWD.com/Conservation



YOUR WATER & THIS ANNUAL REPORT

LVMWD is entirely dependent upon water imported from elsewhere; there are no local drinking water sources. The supply to our region travels hundreds of miles from Lake Oroville in the Sierras via the State Water Project and is then treated and conveyed to the District by the Metropolitan Water District of Southern California (MWD). LVMWD is one of MWD's 26 member agencies.

Your water is routinely tested before it ever reaches the tap. This report conveys the results of tests conducted in 2019. Readers of this report sometimes ask if the substances identified in the report are harmful. It is normal to find trace amounts of contaminants in tap water or bottled water unless it is distilled or treated through a process such as reverse osmosis. Trace salts,

chemicals and minerals are natural and keep water from tasting "flat."

When evaluating the presence of contaminants in your water, consider the following comparative measures:

One part per million (milligrams per liter) equals three drops added to a 42-gallon barrel.

One part per billion (micrograms per liter) equals one drop added to a large tanker truck.

One part per trillion (nanograms per liter) equals ten drops added to the Rose Bowl Stadium filled with water.

One part per quadrillion (picograms per liter) equals two teaspoons added to Utah's Great Salt Lake.

SUBSTANCES FOUND IN DRINKING WATER

The sources of drinking water (both tap and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally-occurring minerals and various contaminants.

Contaminants that we test for and may be present in source water include:

- Microbes, such as viruses and bacteria that may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
- Inorganics, such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.
- Pesticides and herbicides that may come from a variety of sources, such as agriculture, urban stormwater runoff and residential uses.
- Radioactive materials that can be naturally occurring

or the result of oil and gas production and mining activities.

- Organic chemicals, including synthetic and volatile organic chemicals that are byproducts of industrial processes and petroleum production. These chemicals can also come from gas stations, urban stormwater runoff, agricultural application and septic systems.

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (USEPA) and the State Water Resources Control Board (SWRCB) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems.

Drinking water, including bottled water, may reasonably be expected to contain small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk.

More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline at (800) 426-4791.

HEALTH ADVISORY FOR PERSONS WITH WEAKENED IMMUNE SYSTEMS

Some people may be more vulnerable to contaminants in drinking water than the general population. People who are immunocompromised, such as those undergoing chemotherapy, those who have undergone organ transplants, those with HIV/AIDS or other immune system disorders and some elderly and infants can be particularly at risk from infections. These people should seek advice from their health care providers about drinking water.

USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available by calling the **Safe Drinking Water Hotline at (800) 426-4791.**



HOW TO READ THESE TABLES

These tables may contain complex measurements and terminology, but they also contain valuable information about the water delivered to your tap. The District is required to report contaminants that are detected; **none were found at levels considered to be unsafe or unhealthy in LVMWD tap water.**

Testing results are presented for source water from the Jensen Water Treatment Plant operated by the Metropolitan Water District of Southern California (MWD) and for LVMWD's water delivery system. The values provided in the "LVMWD" column more closely represent the quality of water delivered to most homes and businesses. Should you have any questions or need clarification, please call us at (818) 251- 2200, or contact any of the agencies listed in this report under "Additional Information."

DEFINITION OF TERMS AND FOOTNOTES	
DEFINITION OF TERMS	
AI	Aggressiveness Index
AL	Action Level
Average	Result based on arithmetic mean
CaCO ₃	Calcium Carbonate
CCPP	Calcium Carbonate Precipitation Potential
CFE	Combined Filter Effluent
CFU	Colony-Forming Units
DLR	Detection Limits for Purposes of Reporting
HAA5	Sum of five haloacetic acids
HPC	Heterotrophic Plate Count
LRAA	Locational Running Annual Average; highest LRAA is the highest of all Locational Running Annual Averages calculated as an average of all samples collected within a 12-month period
MCL	Maximum Contaminant Level
MCLG	Maximum Contaminant Level Goal
MRDL	Maximum Residual Disinfectant Level
MRDLG	Maximum Residual Disinfectant Level Goal
NA	Not Applicable or Not Tested
ND	Not Detected at or above DLR or RL
NL	Notification Level to SWRCB
NTU	Nephelometric Turbidity Units
pCi/L	picoCuries per Liter
PHG	Public Health Goal, represents the ultimate long term contaminant level
ppb	parts per billion or micrograms per liter (µg/L)
ppm	parts per million or milligrams per liter (mg/L)
PDWS	Primary Drinking Water Standard
RAA	Running Annual Average; highest RAA is the highest of all Running Annual Averages calculated as an average of all the samples collected within a 12-month period
Range	Results based on minimum and maximum values; range and average values are the same if a single value is reported for samples collected once or twice annually
RL	Reporting Limit
SI	Saturation Index (Langelier)
SWRCB	State Water Resources Control Board
TDS	Total Dissolved Solids
TON	Threshold Odor Number
TT	Treatment Technique is a required process intended to reduce the level of a contaminant in drinking water
TTHM	Total Trihalomethanes

(BASED ON WATER SAMPLED IN 2019)

Primary Standards apply to contaminants that may be unhealthy at certain levels. They are measured in terms of Maximum Contaminant Levels (MCLs) as published by the State of California. If water contains a contaminant level above a primary MCL, the safety of the water cannot be assured. **None of the tests for water served to LVMWD customers exceeded the MCLs.**

PARAMETER	UNITS	STATE OR FEDER- AL MCL [MRDL]	PHG (MCLG) [MRDLG]	STATE DLR	RANGE AVER- AGE	JEN- SEN PLANT 2019	LVMWD 2019	MAJOR SOURCES IN DRINKING WATER	WATER QUALITY STADARDS MET
PRIMARY STANDARDS—MANDATORY HEALTH-RELATED STANDARDS									
CLARITY									
Percent State Water Project	%	NA	NA	NA	Range Average	100	10	NA	NA
Combined Filter Effluent (CFE) Turbidity (a)	NTU	TT	NA	NA	Highest	0.06	0.31	Soil runoff	NA
	%				% <= 0.3	100	100		
MICROBIOLOGICAL									
Total Coliform Bacteria (b)	% Positive Month-ly Sam-ples	5.0	MCLG = 0	NA	Range Average	0 - 0.2 0	0-1.1 0.5	Naturally present in the environment	YES
Heterotrophic Plate Count (HPC) Bacteria	CFU/ mL	TT	NA	(1)	Range Median	ND - 64 ND	ND-160 ND	Naturally present in the environment	YES
	INORGANIC CHEMICALS								
Aluminum	ppb	1,000	600	50	Range Highest RAA	ND - 290 58	ND-52 ND	Residue from water treatment process; runoff and leaching from natural deposits	YES
Fluoride (c)	ppm	2.0	1	0.1	Range Average	0.4 - 0.8 0.7	0.6-0.9 0.7	Runoff and leaching from natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories	YES
Nitrate (as Nitrogen)	ppm	10	10	0.4	Range Average	0.5 0.4	ND-0.6 0.4	Runoff and leaching from fertilizer use; septic tank and sewage; runoff and leaching from natural deposits	YES
RADIOLOGICALS									

ACTIVITY			= U		Average	ND			
Uranium	pCi/L	20	0.43	1	Range	ND - 1	NA	Runoff/leaching from natural deposits	YES
					Average	ND			
DISINFECTION BYPRODUCTS, DISINFECTANT RESIDUALS, AND DISINFECTION BYPRODUCT PRECURSORS (d)									
Total Trihalomethanes (TTHMs)	ppb	80	NA	1.0	Range	12 - 21	7-88	Byproduct of drinking water chlorination	YES
(Plant Core Locations and Distribution System)					Highest LRAA	17	31		
Sum of Five Haloacetic Acids (HAA5)	ppb	60	NA	1.0	Range	2.0 - 5.0	ND-18	Byproduct of drinking water chlorination	YES
(Plant Core Locations and Distribution System)					Highest LRAA	3.4	7.5		
Total Chlorine Residual	ppm	MRDL = 4.0	MRDLG = 4	(0.05)	Range	0.5 - 2.9	ND-2.7	Drinking water disinfectant added for treatment	YES
					Highest RAA	2.4	1.8		
Bromate	ppb	10	0.1	1.0	Range	1.6 - 8.4	NA	Byproduct of drinking water ozonation	YES
					Highest RAA	5.6			
Total Organic Carbon (TOC)	ppm	TT	NA	0.30	Range	2.0 - 2.5	3.7-4.7	Various natural and man-made sources; TOC is a precursor for the formation of disinfection byproducts	YES
					Highest RAA	2.3	4.1		
SECONDARY STANDARDS—AESTHETIC STANDARDS									
Aluminum	ppb	200	600	50	Range	ND - 290	ND-52	Residue from water treatment process; runoff/leaching from natural deposits	YES
					Highest RAA	58	ND		
Chloride	ppm	500	NA	(2)	Range	62	51-110	Runoff/leaching from natural deposits; seawater influence	YES
					Average		73		
Color	Color Units	15	NA	(1)	Range	1 - 2	ND-52	Naturally-occurring organic materials	YES
					Average	2	ND		
Odor Threshold (e)	TON	3	NA	1	Range	ND - 1	ND-8	Naturally-occurring organic materials	YES
					Average	ND	ND		

WATER QUALITY DATA CONTINUED ON NEXT PAGE

Calcium Carbonate Precipitation Potential (CCPP) (as CaCO3) (g)	ppm	NA	NA	NA	Range	1.1 - 3.5	NA	Elemental balance in water; affected by temperature, other factors	NA
Corrosivity (as Aggressiveness Index) (h)	AI	NA	NA	NA	Range	12.1 - 12.3	NA	Elemental balance in water; affected by temperature, other factors	NA
Corrosivity (as Saturation Index) (i)	SI	NA	NA	NA	Range	0.28 - 0.46	- 0.49 - 0.32	Elemental balance in water; affected by temperature, other factors	NA
pH	pH Units	NA	NA	NA	Range	8.4 - 8.5	7.0-9.0	NA	NA
					Average	8.4	8.1		

PARAMETER	YEAR SAMPLED	UNITS	AL	PHG (MCLG) [MRDLG]	STATE DLR	90TH PERCENTILE 2019	# SITES SAMPLED 2019	# SITES OVER AL 2019	EXCEEDED AL Y/N	MAJOR SOURCES IN DRINKING WATER	WATER QUALITY STANDARDS MET
-----------	--------------	-------	----	--------------------	-----------	----------------------	----------------------	----------------------	-----------------	---------------------------------	-----------------------------

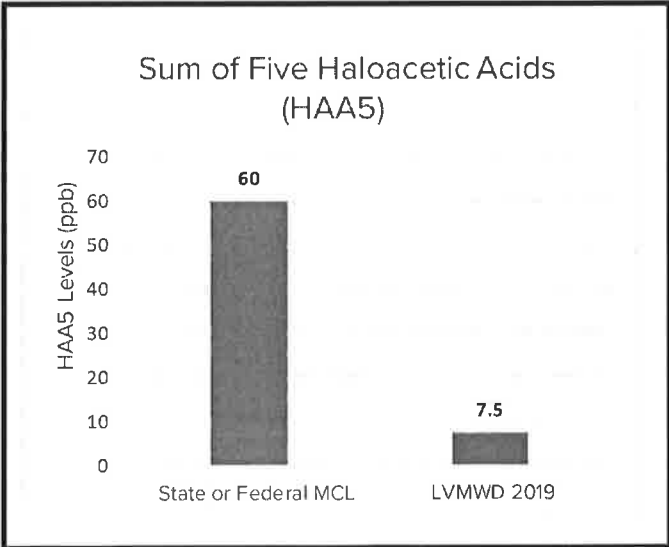
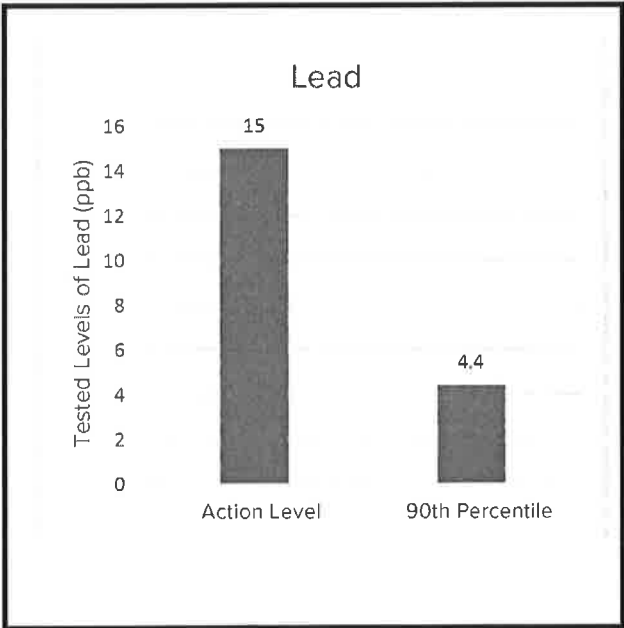
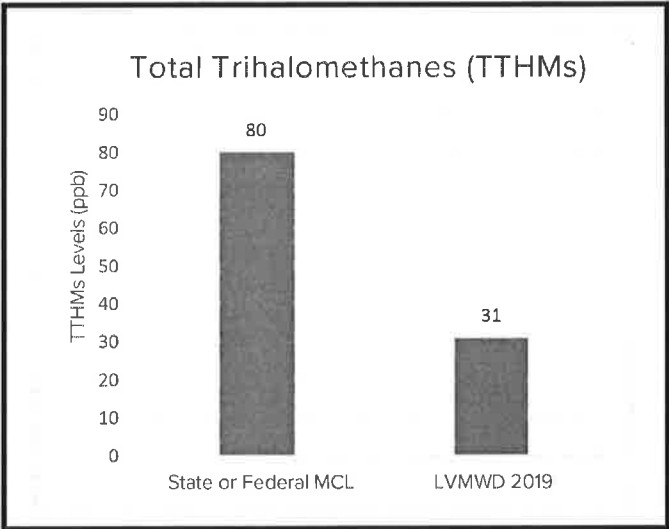
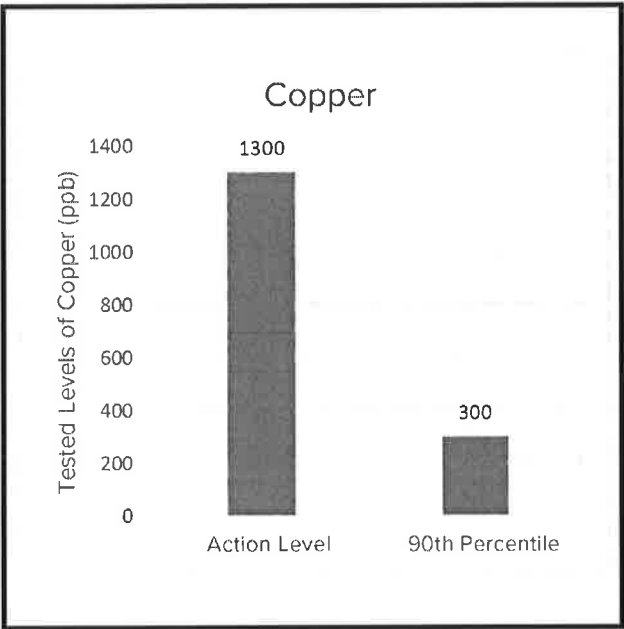
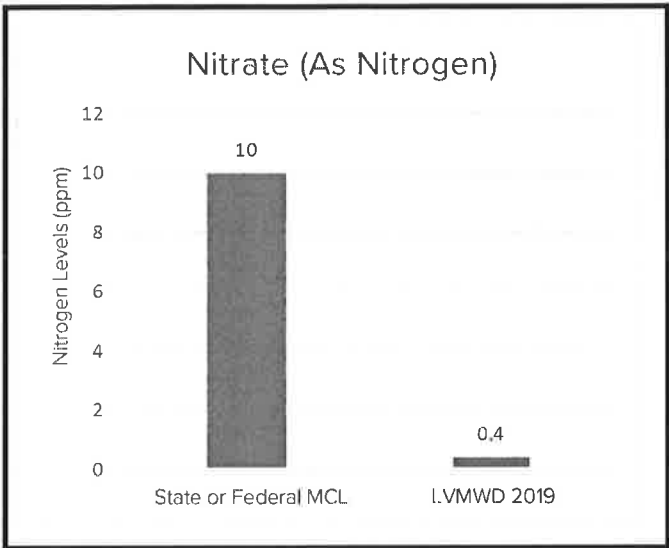
INORGANIC CHEMICALS

Lead (j)	2019	ppb	15	0.2	5	4.4	64	0	N	House pipes internal corrosion; erosion of natural deposits	YES
Copper (j)	2019	ppb	1300	300	50	300	64	0	N	House pipes internal corrosion; erosion of natural deposits	YES

FOOTNOTES

(a)	Turbidity, a measure of cloudiness of the water, is an indicator of treatment performance. Turbidity was in compliance with the TT primary drinking water standard and the secondary drinking water standard of less than 5 NTU.										
(b)	Compliance is based on monthly samples from treatment plant effluents and the distribution system.										
(c)	MWD was in compliance with all provisions of the State's fluoridation system requirements.										
(d)	Compliance with the State and Federal MCLs is based on RAA or LRAA, as appropriate.										
(e)	Compliance with odor threshold secondary MCL is based on RAA.										
(f)	Data are from two analytical methods based on EPA 537.1 and a research method for 18 different PFAS.										
(g)	Positive CCPP = non-corrosive; tendency to precipitate and/or deposit scale on pipes.										
(h)	Negative CCPP = corrosive; tendency to dissolve calcium carbonate.										
(i)	Positive SI = non-corrosive; tendency to precipitate and/or deposit scale on pipes. Negative SI = corrosive; tendency to dissolve calcium carbonate.										
(j)	Thirty (31) households were sampled in 2017 to determine the 90th percentile and none exceeded the action level.										

The graphs below easily illustrate the consistently high-quality water that LVMWD delivers to our customers.
None of the tests for water served to LVMWD customers exceeded the MCLs.



LEARNING MORE ABOUT LEAD EXPOSURE

Recent news stories have raised questions about the presence of lead in drinking water systems. LVMWD's water distribution system has no lead pipes. In compliance with monitoring requirements, the District tested for lead at 64 different locations throughout the service area. Results show that the levels of lead in LVMWD's water are well within state and federal guidelines.

In our region, lead in drinking water primarily comes from materials and components associated with home plumbing. These sources can include pipes, soldering materials used at pipe joints and older fixtures such as faucets. If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children.

During 2018, LVMWD completed state mandated sampling and testing for lead at all 13 public schools within our service area. All schools passed and tested below the limit for lead. In 2019 lead and copper tests were not requested by any schools.

When your water has been sitting for extended periods of time, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to two minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at (800) 426-4791 or at [epa.gov/safewater/lead](https://www.epa.gov/safewater/lead).

PFAS/PFOA - INFORMATION FOR OUR CUSTOMERS

Concerns over per- and polyfluoroalkyl substances, or "PFAS", have been in the news recently and LVMWD customers deserve to be in the know. Our commitment to transparency and the delivery of safe, high quality water remains at the forefront of our mission.

PFAS, first developed in the 1940's, are human-made substances commonly found in consumer products, such as non-stick pans, water resistant clothing, and food packaging. These substances are also present in fire-fighting foam, manufacturing industries, airports, and military facilities. They are considered extremely stable, meaning the compounds within the chemicals do not break down, lending them the name "forever chemicals".

As with just about anything, the prevalence of PFAS means that they eventually end up present in the environment. They are found in soil, air, surface and groundwater, wastewater, landfills, and even within the human body. While more than 7,800 types of PFAS have been discovered, perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) are most commonly found in the U.S. These substances are the only two known carcinogens within the PFAS family, and have **NOT been found in LVMWD drinking water**.

As you know, LVMWD purchases 100% of our water supply from MWD who delivers it from the Sierra mountain snowpack through 400 miles of canals and aqueducts. After years of periodic testing and improvements in testing technology, MWD discovered one form of PFAS – perfluorohexanoic acid (PFHxA) – in the drinking water supply. This substance is **NOT** a known carcinogen and is not yet regulated in the U.S.

Legislation to regulate PFAS is currently in the works at both the state and federal levels. As testing and analytical methods continue to improve, so does our knowledge of these substances and their effects on humans. LVMWD is staffed with professionals who are committed to staying up to date on this information to ensure we continue to provide reliable water that meets or exceeds the strictest water quality standards in the nation. Our customers can rest assured knowing their taps deliver the highest quality water at the best value.



4232 LAS VIRGENES RD
CALABASAS, CA 91302

LVMWD CUSTOMER

2019 LVMWD WATER QUALITY REPORT PUBLISHED JUNE 2020

WATER QUALITY - THE SAME IN ANY LANGUAGE

This report contains important information about your drinking water.
Translate it or speak with someone who understands it.

SPANISH
Este informe contiene información muy importante sobre su agua potable.
Tradúzcalo o hable con alguien que lo entienda bien.

FARSI
تمتوا ایند این اطلاع، ترا بر زبان انگلیسی
اطلاع، نهجهی، اجده به تب، میدنی است. اگر
اگر ای شه، به فارسی ترجمه کنند. این اطلاعیه، به
بخوانید لطف. از کسی که میتواند بری بگیرد، به نظر لبر

CHINESE
这份报告中有些重要的信息，
讲到关于您所在社区的饮水的品
质。请您找人翻译一下，或者
请能看得懂这份报告的朋友给
您解释一下。

JAPANESE
この資料には、あなたの飲料水
についての大切な情報が書かれ
ています。内容をよく理解する
ために、日本語に翻訳して読む
か説明を受けてください。

HEBREW
הדו"ח הזה מכיל מידע חשוב לגבי מי השתייה שלך
תרגם את הדו"ח או דבר עם מישהו שמבין אותו

FOR MORE INFORMATION

LVMWD encourages you to stay informed about your water. Sign up for eNotification at LVMWD.com/eNotification to receive information on a variety of topics that interest you. Be sure to check the website frequently for timely information on water conservation and other topics.

The District publishes *The e-Current Flow* on our website at LVMWD.com/e-Current-Flow. The customer newsletter is also delivered with your bill.

The LVMWD Board of Directors meets at 9 a.m. on the first and third Tuesday of each month. These meetings are conducted at District Headquarters, 4232 Las Virgenes Rd., in Calabasas, and are open to the public and live streamed at LVMWD.com/LiveStream

If you wish to speak with someone about your water service please contact us at (818) 251-2200 or e-mail Customer_Service@LVMWD.com.

ADDITIONAL INFORMATION ABOUT DRINKING WATER SAFETY AND STANDARDS

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY - STATE WATER RESOURCES CONTROL BOARD

1001 I St.
Sacramento, CA 95814
(916) 449-5577
waterboards.ca.gov/tiny/pws.shtml

U.S. ENVIRONMENTAL PROTECTION AGENCY (USEPA)

Office of Ground and Drinking Water
401 M St., SW
Washington, DC 20460
(800) 426-4791
epa.gov/safewater

U.S. CENTER FOR DISEASE CONTROL AND PREVENTION

1600 Clifton Rd.
Atlanta, GA 30333
(800) 311-3435
cdc.gov