



## APPENDIX B: eCCR Certification Form (Suggested Format)

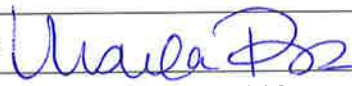
### Consumer Confidence Report Certification Form

(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, 2022** 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	Title: Customer Service Manager
Signature: 	Date: 09/27/2022
Phone number: 818-251-2113	blank

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/WQR2021](http://www.LVMWD.com/WQR2021)
  - ☐ 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

## 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, 2022** 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	Title: Customer Service Manager
Signature:	Date: 09/27/2022
Phone number: 818-251-2113	blank

*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/WQR2021](http://www.LVMWD.com/WQR2021)
  - ☐ 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.](http://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/WQR2021](http://www.LVMWD.com/WQR2021)
- ☒ 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/WQR2021](http://www.LVMWD.com/WQR2021)
- ☒ 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 2021 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 continued 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.*



## **2021 LVMWD CCR “Good Faith Efforts”**

### **Advertising the availability of the CCR in news media**

- 6-09-22 issue of The LV Enterprise – p.12
- 6-10-22 issue of the Acorn – p.4
- 6-16-22 issue of the LV Enterprise – p.14
- 6-17-21 issue of the Acorn – p.12
- 6-23-22 issue of the LV Enterprise – p.2
- 6-24-22 issue of The Acorn – p.4
- 6-30-22 issue of the LV Enterprise – p.12
- 7-01-21 issue of the Acorn – P.12
- 7-07-22 issue of the LV Enterprise –p.5
- 7-08-22 issue of the Acorn – p.12
- 7-14-22 issue of the LV Enterprise – p.17
- 7-15-22 issue of the Acorn – p.8
- 7-22-22 issue of the Acorn – p.15

### **Electronic announcement of CCR availability via social media outlets:**

- Facebook (6-7-22, 6-22-22, 6-27-22, 7-1-22, 7-20-22)
- Instagram (6-7-22, 6-22-22, 6-27-22, 7-1-22, 7-20-22)
- Twitter (6-7-22, 6-21-22, 6-27-22, 7-1-22,)

### **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 – advertised on mail notification, e-notification and press release.



## Las Virgenes Municipal Water District

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

COMING SOON: Starting July 1, 2022 you will be able to view  
Las Virgenes Municipal Water District's Annual Water Quality Report online at:

# LVMWD.com/WQR2021

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 2022, usted podra 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/WQR2021>

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.

[BACK](#)

## Water Quality Report Notification

**Sent To:** StevenB, Comprehensive District List 07012022  
**Subject:** 2021 LVMWD Water Quality Report Available Now  
**Attachments:** [2021 LVMWD CCR WQR.pdf](#)  
**From Name:** Las Virgenes Municipal Water District  
**From Email Address:** [webmaster@lvmwd.com](mailto:webmaster@lvmwd.com)  
**Reply-to Email Address:** [webmaster@lvmwd.com](mailto:webmaster@lvmwd.com)

Though current events have brought water supply into the forefront of the public consciousness, the quality of that water is still a critical priority for Las Virgenes Municipal Water District (LVMWD). The foundation of our mission is delivering the highest quality water to our customers in a transparent way that builds a relationship of trust between LVMWD and our customers.

Each year, LVMWD pulls over 1,200 samples from throughout our distribution system and conducts over 11,000 tests on those samples. These results, as well as the results from the testing performed by the Metropolitan Water District of Southern California (MWD) on the treated source water imported by LVMWD, are compiled into our annual Consumer Confidence Report/Water Quality Report (CCR/WQR). This report is distributed to customers and residents of our service area every year beginning July 1st in accordance with federal and state regulations.

The CCR/WQR is an annual report that shows the quality and safety of the 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 quality 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 water imported 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 2021, 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 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 sustainable and efficient," said LVMWD Public Affairs and Communications Manager Mike McNutt. "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."

Customers and area residents have received postcards directing them to our specific webpage - [LVMWD.com/WQR2021](https://lvmwd.com/WQR2021) - where the report is available for review and download.

Though primary distribution will be electronically, the District will continue to make paper copies available. Customers who wish to receive a printed copy of the 2021 CCR/WQR can email [jloza@lvmwd.com](mailto:jloza@lvmwd.com) and request one.

[BACK](#)





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](http://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 in 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 and the federal government.*

Contact: Mike McNutt, Public Affairs & Communications Manager  
818-251-2124 (w) 614-390-7930 (c) [mmcnutt@lvmwd.com](mailto:mmcnutt@lvmwd.com)  
Riki Clark, Public Affairs Associate  
818-251-2129 (w) 909-646-0199 (c) [rclark@lvmwd.com](mailto:rclark@lvmwd.com)

#### For Immediate Release

July 1, 2022

**Calabasas, CA** – Though current events have brought water supply into the forefront of the public consciousness, the quality of that water is a critical priority for Las Virgenes Municipal Water District (LVMWD). The foundation of our mission is delivering the highest quality water in a transparent manner that builds a relationship of trust between LVMWD and customers.

Each year, LVMWD pulls over 1,200 samples from throughout our distribution system and conducts over 11,000 tests on those samples. These results, as well as the results from the testing performed by the Metropolitan Water District of Southern California (MWD) on the treated source water imported by LVMWD, are compiled into our annual Consumer Confidence Report/Water Quality Report (CCR/WQR). This report is distributed to customers and residents throughout our service area every year beginning July 1st in accordance with federal and state regulations.

The CCR/WQR is an annual report that shows the quality and safety of the 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 quality 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 and its customers rely on treated water imported from MWD. 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 2021, 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. Additionally, the CCR/WQR contains valuable information regarding water conservation, lead and copper testing, and emerging contaminants of concern 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 sustainable and efficient," said LVMWD Public Affairs and Communications Manager Mike McNutt. "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."

Customers and area residents have received postcards directing them to our specific webpage – [www.LVMWD.com/WQR2021](http://www.LVMWD.com/WQR2021) - where the report is available to review and download.

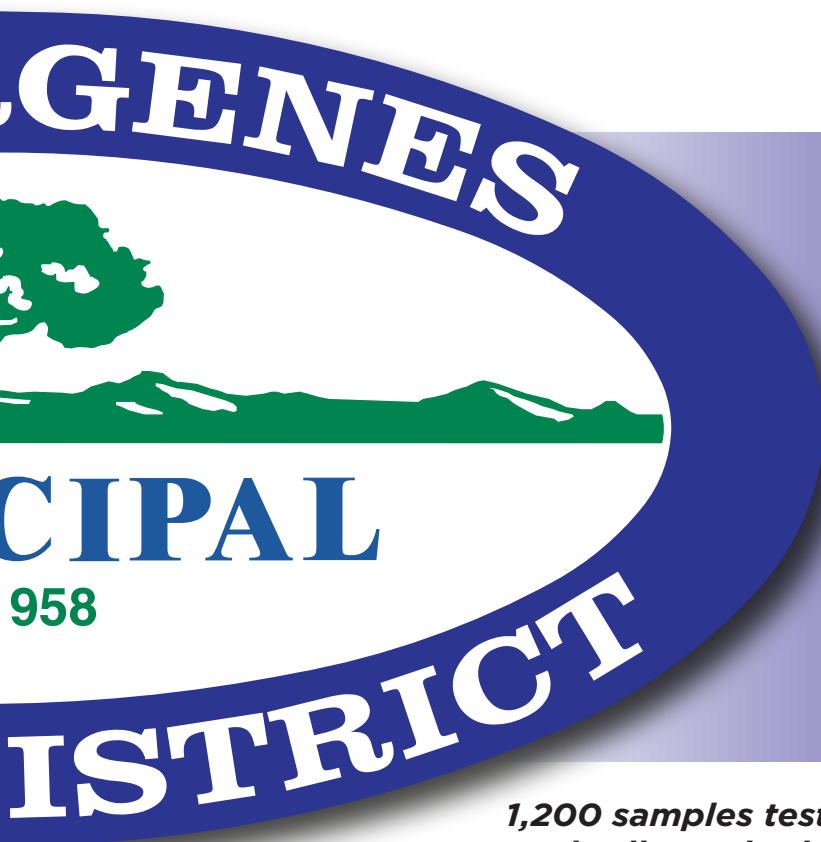
Though primary distribution will be electronically, the District will continue to make paper copies available. Customers who wish to receive a printed copy of the 2021 CCR/WQR may call our customer service department at (818) 251-2100.

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.*

###

# 2021 Water Quality and Consumer Confidence Report



**LAS VIRGENES  
MUNICIPAL  
WATER DISTRICT**

4232 Las Virgenes Rd.  
Calabasas, CA 91302

*1,200 samples tested 11,000 times to ensure LVMWD water  
meets or exceeds all standards for safe and high quality drinking water.*



## To Our Valued Customers:

As our communities emerge from the pandemic and enter into the third year of drought, LVMWD remains committed to fulfilling our mission to provide high quality, reliable water service to our customers.

In the midst of unprecedented drought and resulting water supply challenges, the District has been faced with tough water use restrictions. Customers can rest assured that they are still receiving the highest quality water service to their homes and businesses, and LVMWD is working hard to ensure adequate water supplies through this dry season.

Despite having to make some difficult decisions as a result of the drought, the District is here to help. We are working to expand our recycled water giveaway program to include local fill stations in each of the cities we serve, making it more convenient for customers to pick up and help keep their landscapes alive during emergency watering restrictions.

Additionally, we are in the final implementation stage of the Advanced Meter Project, which upgrades customers' traditional meters with high-tech, advanced meters that accurately record and transmit hourly meter readings via a secure network. The accompanying WaterSmart portal gives customers easy access to monitor their water use in near-real time, empowering them to use water as efficiently as possible.

As always, LVMWD staff is working around the clock to help our customers save water and adhere to current watering guidelines. We have expanded our customer service staff to assist customers with any questions, and will continue to support our communities through this persisting drought.

I want to thank all of our customers for their continued trust in our highly trained and certified staff to ensure that you receive the safest and highest quality water possible. We look forward to continuing to provide you with excellent service in a cost-effective, sensible, and environmentally conscious manner.

David W. Pedersen, PE  
General Manager





## 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 2020. 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

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.

### Parts Per MILLION

(milligrams per liter)

**3 drops added to a 42-gallon barrel.**



### Parts Per TRILLION

(nanograms per liter)

**10 drops added to the Rose Bowl.**



### Parts Per BILLION

(micrograms per liter)

**1 drop added to a large tanker truck.**



### Parts Per QUADRILLION

(picograms per liter)

**2 teaspoons added to the 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 operations, 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

AL	Action Level
Average	Result based on arithmetic mean
CaCO <sub>3</sub>	Calcium Carbonate
CFE	Combined Filter Effluent
CFU	Colony-Forming Units
DLR	Detection Limits for Purposes of Reporting
EPA	Environmental Protection Agency
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 - no established MCL, or testing not conducted
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
ppb	parts per billion or micrograms per liter (µg/L)
ppm	parts per million or milligrams per liter (mg/L)
ppt	parts per trillion or nanograms per liter (ng/L)
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 with no established MCL
TTHMs	Total Trihalomethanes
µS/cm	microSiemen per centimeter; or micromho per centimeter (µmho/cm)

# How Did We Do in 2021? Water Quality Report

(Based on Water Sampled in 2021)

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 FEDERAL MCL [MRDL]	PHG (MCLG) [MRDLG]	STATE DLR	RANGE AVERAGE	JENSEN PLANT 2021	LVMWD 2021	MAJOR SOURCES IN DRINKING WATER	WATER QUALITY STADARDS MET
-----------	-------	-----------------------------	--------------------	-----------	---------------	-------------------	------------	---------------------------------	----------------------------

Percent State Water Project	%	NA	NA	NA	Range Average	100	100	NA	NA
-----------------------------	---	----	----	----	---------------	-----	-----	----	----

## PRIMARY STANDARDS—Mandatory Health-Related Standards

### CLARITY

Combined Filter Effluent (CFE) Turbidity (a)	NTU	TT	NA	NA	Highest	0.06	0.25	Soil runoff	NA
	%		NA	NA	% <= 0.3	100	100		

### MICROBIOLOGICAL

Total Coliform Bacteria (b)	% Positive Monthly Samples	5.0	MCLG = 0	NA	Range	0 - 0.4	0 - 0.862	Naturally present in the environment	YES
					Average	0	0.07		
Heterotrophic Plate Count (HPC) Bacteria	CFU/mL	TT	NA	(1)	Median Range	ND	ND - 42	Naturally present in the environment	YES
					Median		ND		

### INORGANIC CHEMICALS

Aluminum	ppb	1,000	600	50	Range	ND - 120	63 - 85	Residue from water treatment process; runoff and leaching from natural deposits	YES
					Highest RAA	64	70		
Copper	ppm	AL = 1.3	0.3	0.05	Range	ND	ND - 0.35	Internal corrosion of household pipes; runoff/leaching from natural deposits; wood preservatives leaching	
					Average		0.07		
Fluoride (c)	ppm	2.0	1	0.1	Range	0.4 - 0.8	0.6 - 0.8	Runoff and leaching from natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories	YES
					Average	0.7	0.7		
Selenium	ppb	50	30	5	Range	ND	ND - 42	Refineries, mines, and chemical waste discharge; runoff from livestock lots	YES
					Average		11		

Uranium	pCi/L	20	0.43	1	Range Average	ND - 3 ND	NA 1.2*	Runoff/leaching from natural deposits	YES
<b>DISINFECTION BYPRODUCTS, DISINFECTANT RESIDUALS, AND DISINFECTION BYPRODUCT PRECURSORS (d)</b>									
Total Trihalomethanes (TTHMs) (Plant Core Locations and Distribution System) (e)	ppb	80	NA	1.0	Range Highest LRAA	12 - 39 33	11 - 31 23	Byproduct of drinking water chlorination	YES
Sum of Five Haloacetic Acids (HAA5) (Plant Core Locations and Distribution System)	ppb	60	NA	1.0	Range Highest LRAA	1.8 - 4.4 3.9	1.6 - 6.6 5.8	Byproduct of drinking water chlorination	YES
Total Chlorine Residual	ppm	MRDL = 4.0	MRDLG = 4.0	(0.05)	Range Highest RAA	1.4 - 2.9 2.4	ND - 2.7 2.2	Drinking water disinfectant added for treatment	YES
Bromate	ppb	10	0.1	1.0	Range Highest RAA	1.2 - 9.8 4.5	NA	Byproduct of drinking water ozonation	YES
Total Organic Carbon (TOC)	ppm	TT	NA	0.30	Range Highest RAA	1.1 - 2.0 2.0	3.6 - 4.8 4.1	Various natural and man-made sources; TOC is a precursor for the formation of disinfection byproducts	YES
<b>SECONDARY STANDARDS—Aesthetic Standards</b>									
Aluminum	ppb	200	600	50	Range Highest RAA	ND - 120 64	63 - 65 70	Residue from water treatment process; runoff/leaching from natural deposits	YES
Chloride	ppm	500	NA	(2)	Range Average	65 - 80 72	65 - 88 75	Runoff/leaching from natural deposits; seawater influence	YES
Color	Color Units	15	NA	(1)	Range Average	1 - 2 2	<5 - 5 <5	Naturally-occurring organic materials	YES
Copper	ppb	1.0	0.3	0.05	Range Average	ND	ND - 0.35 0.07	Internal corrosion of household pipes; runoff/leaching from natural deposits; leaching from wood.	YES
Odor Threshold	TON	3	NA	1	Range Average	1	ND - 1 ND	Naturally-occurring organic materials	YES
Specific Conductance	µS/cm	1,600	NA	NA	Range Average	519 - 568 558	510 - 784 631	Substances that form ions in water; seawater influence	YES
Sulfate	ppm	500	NA	0.5	Range Average	61 - 72 66	56 - 120 83	Runoff/leaching from natural deposits; industrial wastes	YES
Total Dissolved Solids, Filterable (TDS)	ppm	1,000	NA	(2)	Range Average	298 - 302 300	310 - 410 345	Runoff/leaching from natural deposits	YES



PARAMETER	UNITS	STATE OR FEDERAL MCL [MRDL]	PHG (MCLG) [MRDLG]	STATE DLR	RANGE AVERAGE	JENSEN PLANT 2020	LVMWD 2020	MAJOR SOURCES IN DRINKING WATER	WATER QUALITY STADARDS MET
-----------	-------	-----------------------------	--------------------	-----------	---------------	-------------------	------------	---------------------------------	----------------------------

Turbidity	NTU	5	NA	0.1	Range Average	ND	ND - 2.85 ND	Runoff/leaching from natural deposits	YES
-----------	-----	---	----	-----	------------------	----	-----------------	---------------------------------------	-----

OTHER PARAMETERS

GENERAL MINERALS									
Alkalinity (as CaCO3)	ppm	NA	NA	(1)	Range	86 - 97	ND - 6	Runoff/leaching of natural deposits; carbonate, bicarbonate, hydroxide, and occasionally borate, silicate, and phosphate	NA
					Average	92	1.5		
Calcium	ppm	NA	NA	(0.1)	Range	27 - 32	28 - 42	Runoff/leaching from natural deposits	NA
					Average	30	34		
Hardness (as CaCO3)	ppm	NA	NA	(1)	Range	110 - 133	114 - 168	Runoff/leaching from natural deposits; sum of polyvalent cations, generally magnesium and calcium present in the water	NA
					Average	122	137		
Magnesium	ppm	NA	NA	(0.01)	Range	12 - 13	11 - 15	Runoff/leaching from natural deposits	NA
					Average	12	13		
Potassium	ppm	NA	NA	(0.2)	Range	2.6- 2.7	NA	Salt present in the water; naturally-occurring	NA
					Average	2.7			
Sodium	ppm	NA	NA	(1)	Range	61 - 68	52 - 73	Salt present in the water; naturally-occurring	NA
					Average	64	61		

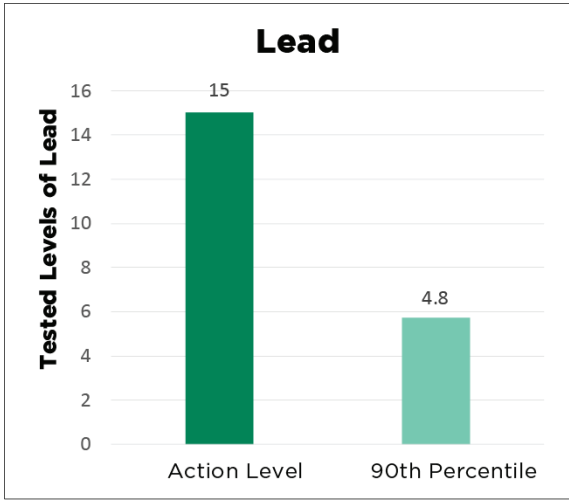
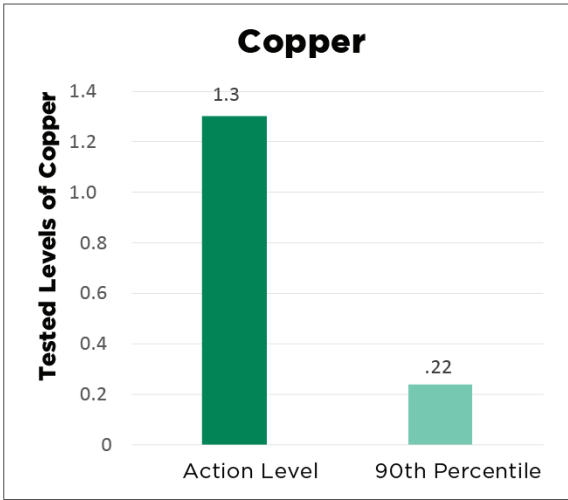
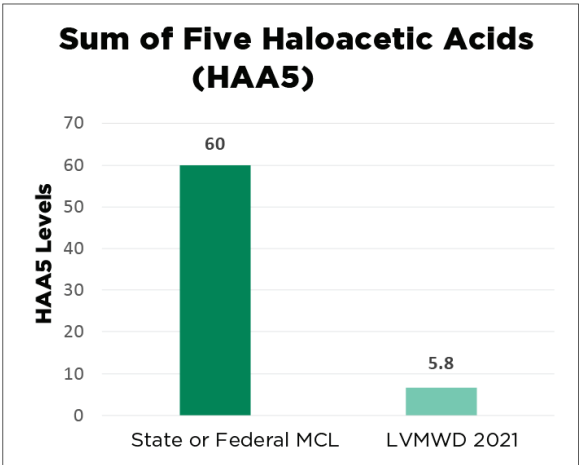
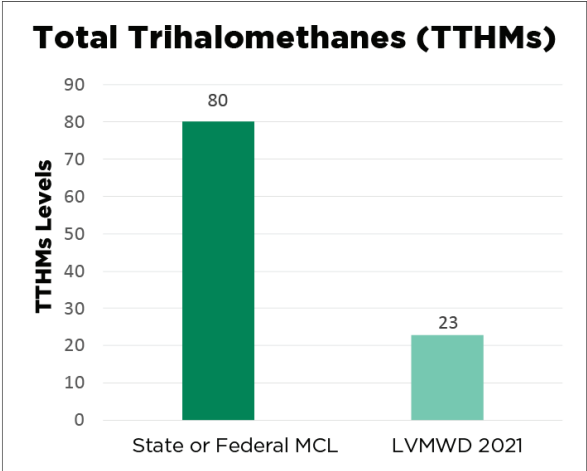
UNREGULATED CONTAMINANTS									
Boron	ppb	NL = 1,000	NA	100	Range Average	180	NA	Runoff/leaching from natural deposits; industrial wastes	YES
Chlorate	ppb	NL = 800	NA	20	Range Average	88	NA	Byproduct of drinking water chloramination; industrial processes	YES

NITROSAMINE COMPOUNDS									
N-Nitrosodimethylamine (NDMA)	ppt	NL = 10	3	(2)	Range Average	2.0	NA	Byproduct of drinking water chloramination; industrial processes	YES

MISCELLANEOUS									
Corrosivity (as Saturation Index) (F)	SI	NA	NA	NA	Range Average	0.35 - 0.40 0.38	0.26 - 0.33 0.29	A measure of the balance between pH and calcium carbonate saturation in the water	NA
pH	pH Units	NA	NA	NA	Range Average	8.3 - 8.4 8.3	7.1 - 9.3 8.2	NA	NA



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.**



## 11,000 TESTS ON 1,200 SAMPLES EVERY YEAR



Every year, LVMWD diligently executes extensive state-mandated testing for water quality constituents by collecting over 1,200 water samples, taken from the drinking water system, and conducts over 11,000 laboratory analysis, in a state-certified water quality lab, to ensure high-quality drinking water and public health. These tests are conducted by highly-trained and skilled professionals. This continuous and important routine ensures that our water is not only safe to drink but also is consistently the best it can be. Yet, 39% of customers that prefer bottled water drink it because they believe it is of higher quality than tap water. While bottled water companies are also required to conduct testing for water quality through the Food and Drug Administration, water utilities in California are required by the State Division of Drinking Water to undergo, arguably, the most stringent and comprehensive water quality testing in the United States, if not the world. LVMWD continues to meet or exceed all the standards for safe and high-quality drinking water as established by state mandates.



## LEARNING MORE ABOUT LEAD EXPOSURE

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 33 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 2020, 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://epa.gov/safewater/lead)**

## PFAS/PFOA - INFORMATION FOR OUR CUSTOMERS

**PFOA/PFOS ARE THE ONLY TWO KNOWN CARCINOGENS WITHIN THE PFAS FAMILY AND HAVE NOT BEEN FOUND IN LVMWD DRINKING WATER.**

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 firefighting 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 pipes 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.

**Be sure to follow LVMWD on Facebook, Twitter @lvmwd and Instagram @LasVirgenes\_MWD to join the conversation.**

*Las Virgenes Municipal Water District provides potable water, wastewater treatment, recycled water and biosolids composting to more than 75,000 residents in the cities of Agoura Hills, Calabasas, Hidden Hills, Westlake Village, and unincorporated areas of western Los Angeles County.*

# ABOUT THE 2022 DROUGHT AND LVMWD'S RESPONSE

California is experiencing a historic and unprecedented drought. The drought is so severe that Las Virgenes Municipal Water District (LVMWD) has activated Stage 3 – Water Shortage Emergency of the Water Shortage Contingency Plan to ensure that our customers have enough water to meet their health and safety needs.



## STAGE 3 INCLUDES:

- **50% WATER REDUCTION** for customers' outdoor potable (drinking) water budgets
- **ONE-DAY-A-WEEK WATERING** for residential accounts
- **25% OUTDOOR REDUCTION** for recycled water budgets



*New one-day-per-week water restrictions are necessary for all customers as specified by the Metropolitan Water District of Southern California, effective June 1, 2022.*

## ADOPTING A LVMWD-FRIENDLY, WATER-EFFICIENT LIFESTYLE



With persistent drought conditions, we're asking our residents, business community, HOAs, schools, and visitors to help conserve our water. Being water conscious in and around our homes, businesses, schools and landscapes is a full-time state of mind.

## ONE DAY PER WEEK\* WATERING RESTRICTIONS

Day and time restrictions – *effective June 1, 2022.*

Street Addresses  
Ending in **ODD**  
Numbers



**THURSDAY**

Street Addresses  
Ending in **EVEN**  
Numbers



**TUESDAY**

## OUTDOOR WATER RESTRICTIONS AT A GLANCE



8 minutes per station for standard non-drip irrigation systems.



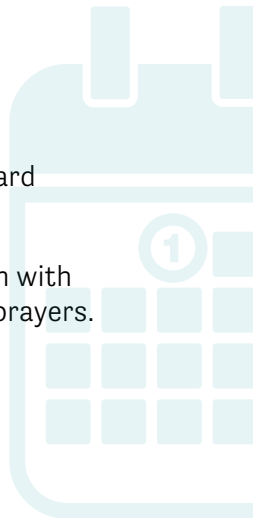
15 minutes maximum per station with high-efficiency nozzles/micro-sprayers.



Watering can only occur from 5 p.m. - 10 a.m.



Outdoor water budgets remain reduced by 50%.



**\*Certain exceptions apply.**  
**Visit [LVMWD.com/DroughtResponse](http://LVMWD.com/DroughtResponse) for more information and updates.**







## WATER FLOW RESTRICTORS

We must all work together to reduce our water use during this severe drought. This device will reduce the water flow from the meter serving a customer's property to help customers stay within their allotted water budget. Customers are responsible for additional fees for the installation/removal of a water flow restriction device.

## OUTDOOR WATER BUDGET RESTRICTIONS

Outdoor watering budgets were reduced by 50% effective May 1, 2022. Implementation of the assessment of penalties Stage 3 – Water Shortage Emergency is in effect. Customers that use more than 150% of their water budget are subject to penalties and enforcement actions and subject to a flow restrictor after 4 exceedances.

## WASTEFUL PRACTICE PENALTIES

Wasteful water uses and practices are subject to fines (see Permanent Water Use Practices).

**1<sup>ST</sup> VIOLATION** - Customers are notified in writing.  
*Subsequent violations within a 12-month period are subject to:*

**2<sup>ND</sup> VIOLATION** – \$100

**3<sup>RD</sup> VIOLATION** – \$200

**4<sup>TH</sup> VIOLATION** – \$500

**5<sup>TH</sup> VIOLATION** – District may install a flow restriction device or terminate service



**Customers who repeatedly exceed 150% of their overall water budgets will be subject to the installation of a water flow restriction device.**

## AVOID WATER PENALTIES

Customers should review their outdoor water budget routinely and adjust their outdoor watering schedule accordingly to avoid penalties.

## TRACK YOUR WATER USE

Track your water use by registering for WaterSmart at [LVMWD.com/AdvancedMeters](http://LVMWD.com/AdvancedMeters).







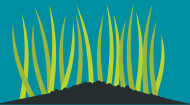
## RESIDENTIAL WATER BUDGETS

Each household is unique and uses water differently depending on the number of residents, parcel size, amount of landscaping, and limited special considerations. Therefore, LVMWD tailors water usage budgets to individual households while still achieving state-mandated water use regulations.

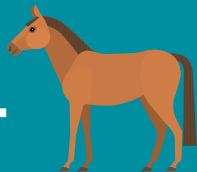
### YOUR WATER BUDGET =



+



+



INDOOR NEEDS

OUTDOOR NEEDS

ADJUSTMENTS

### MEETING WATER RESTRICTIONS

Watering must stay within your unique water budget and not create any runoff from landscaped areas:

WATER USE OR ACTIVITY	SPECIAL PROVISION(S)
Watering using a hand-held hose with an automatic shut-off nozzle, watering can or bucket of five gallons or less	Allowed any time. Hand watering is limited to trees and non-turf perennials. Hand watering of annual plantings or turf grass is permitted only on the designated day.
Drip irrigation systems	Allowed and exempt from one-day-per-week or run-time restrictions.
Outdoor Irrigation (sprinklers and other non-drip systems) for residential properties	Restricted to one-day-per-week maximum for accounts that use potable water to irrigate and 8 minutes maximum per "station" or irrigation zone, except that high-efficiency nozzles (i.e. micro sprayers) can run for 15 minutes.
Topping off swimming pools/ponds/other bodies of water that provide recreation, fish or wildlife habitat, or backup supply for fire suppression	Allowed as needed, but draining and refilling is prohibited. No water budget adjustments provided for draining and refilling due to prohibition. Use of pool covers is strongly encouraged to reduce evaporation loss. The initial filling of newly constructed swimming pools is allowed.
Maintenance of horse corrals	Allowed as needed, but water cannot run off from property.
Washing of livestock	Allowed as needed, but water cannot run off from property.
Maintenance of solar panels	Allowed cleaning once every six months using a hose with an automatic shut-off nozzle, but water cannot run off from property.
Establishment of new landscaping	Planting new landscaping is not recommended, and no water budget adjustment will be provided to any customer account type.



## COMMERCIAL CUSTOMER WATER BUDGETS

Water budgets for commercial customers are calculated based on an average of their past two years of use. They are also subject to penalties for exceeding 150% of their water budget.



### PERMANENT WATER USE PRACTICES FOR ALL CUSTOMER CLASSES



Irrigation is not allowed between the hours of 10 a.m. and 5 p.m.



Irrigation may not occur during periods of rain or in the 48 hours following measurable rainfall.



Irrigation may not run off the property into streets, gutters or onto adjacent properties.



Using potable water to wash down sidewalks, parking areas and driveways is not permitted.



A trigger nozzle is required on hoses used for home car washing.



Fountains or water features must use a recirculating system.



Hotels & motels must give multi-night guests the option to retain towels and linens during their stay.



Restaurants may only serve water upon request.



## REBATES – SAVE WATER AND MONEY

LVMWD in partnership with the Metropolitan Water District of Southern California offers our customers several programs and resources to save water and money.

- Discounted weather based irrigation controllers with free professional installation
- Landscape Transformation Program
- Premium High-Efficiency Toilet
- High-Efficiency Clothes Washer
- Rain Barrel
- Rotating Sprinkler Heads
- Soil Moisture Sensor System

Visit [LVMWD.com/Conservation/Rebates](http://LVMWD.com/Conservation/Rebates) and [SocalWaterSmart.com](http://SocalWaterSmart.com) to learn more.



## CUSTOMER RECYCLED WATER PROGRAMS

Qualified residential customers of LVMWD or Triunfo Water & Sanitation District can get free recycled water to maintain:

- Trees and shrubs
- Decorative or vegetable gardens
- Lawn areas



Sign up, take an online training course, and then visit the Rancho Las Virgenes Composting Facility in Calabasas every Saturday from 8 a.m. to 1 p.m. to receive your recycled water. Satellite fill stations may be available in your neighbourhood.

## RECYCLED WATER RESTRICTIONS AND BUDGET REDUCTIONS

Outdoor water budgets for recycled water use are reduced by 25%. Irrigation using recycled water is allowed and not subject to one day per week or run-time restrictions, except water cannot runoff from landscaped areas and usage must stay within the water budget to avoid penalties.



## WILDFIRE PREVENTION

LVMWD staff is working with state and local elected officials, county fire agencies and other districts to secure additional water resources to help prevent and protect customers against wildfires during the drought. Visit [LVMWD.com/DroughtResponse](http://LVMWD.com/DroughtResponse) for updates.

**LVMWD's current outdoor watering restrictions are unprecedented, and lack of response by customers this summer could result in the restrictions being increased or a complete ban beginning September 01, 2022.**



## HELP A NEIGHBOR CONSERVE WATER

Often customers don't realize that they have an issue with their irrigation such as a broken or misaligned sprinkler head. If you see wasteful water use let us know at [stopthewaste@lvmwd.com](mailto:stopthewaste@lvmwd.com) with the information we need including the location and time you saw the problem.



[LVMWD.com](http://LVMWD.com)



[\(818\) 251-2100](tel:(818)251-2100)



[stopthewaste@lvmwd.com](mailto:stopthewaste@lvmwd.com)





4232 Las Virgenes Rd  
Calabasas, CA 91302

LVMWD CUSTOMER

## 2021 LVMWD WATER QUALITY REPORT PUBLISHED JUNE 2022

### 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.

#### HEBREW

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

#### FARSI

تمپتو انید این اطلاع ترا بزبان انگلیسی  
اطلاع ندیم، اجیم به شب میبندی است. اگر  
ای برای نم به فرد می ترجمه کنند. این اطلاعیه شامل  
بخوانید لطف. از کسی که میتواند به درستی بگیرد بدت. بطالب

#### CHINESE

这份报告中有些重要的信息，  
讲到关于您所在社区的水的品  
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。

### FOR MORE INFORMATION

LVMWD encourages you to stay informed about  
your water. Sign up for eNotification at [LVMWD.com/  
eNotification](https://www.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](https://www.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](https://www.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](mailto: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](https://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](https://epa.gov/safewater)

#### U.S. CENTER FOR DISEASE CONTROL AND PREVENTION

1600 Clifton Rd.  
Atlanta, GA 30333  
(800) 311-3435  
[cdc.gov](https://cdc.gov)