

## Consumer Confidence Report Certification Form

*(To be submitted with a copy of the CCR)*

Water System Name: Golden State Water Company – Tanglewood

Water System Number: CA4210021

The water system named above hereby certifies that its Consumer Confidence Report was distributed on **July 1<sup>st</sup> 2019** 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: Elizabeth Clark

Signature: \_\_\_\_\_

Title: Associate Water Quality Engineer

Phone Number: ( 805 ) 349-7407 x 114 Date: 8/21/2019

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*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.GSWater.com/CypressRidgeCCR
  - ☐ 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

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*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.\_\_\_\_\_
- ☒ 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.\_\_\_\_\_
- ☐ 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.*

In our continuing efforts to better serve our customers, conserve resources, and reduce costs, Golden State Water Company chose to utilize electronic delivery of the annual Consumer Confidence Reports (CCRs) as allowed by the United States Environmental Protection Agency and the State Water Resources Control Board – Division of Drinking Water. Notices regarding the availability of the CCR were mailed to customers as a bill insert, and also emailed to all customers receiving electronic bills. These notices, printed and emailed in both English and Spanish, directed people to the URL for viewing the CCR online, and also gave them information on how to request a hard copy of the CCR.

*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.*

## *Consumer Confidence Reports Available Now!*

The Consumer Confidence Report, or CCR, is an annual water quality report that the Safe Drinking Water Act (SDWA) requires Golden State Water Company to provide to you. The purpose of the CCR is to raise customer awareness of the quality of your drinking water, where your drinking water comes from, what it takes to deliver water to your homes, and the importance of protecting drinking water sources. This report contains important information about the source and quality of your drinking water.

In recent years, Golden State Water Company has mailed its customers a printed copy of the CCR to comply with the SDWA.

On February 21, 2013, the California Department of Public Health expanded its interpretation of the SDWA to allow for electronic delivery of the CCR. The electronic delivery method will allow Golden State Water Company to reduce the consumption of paper and minimize potential printing and mailing costs.

If you would like a paper copy of the 2019 CCR mailed to your address or would like to speak with someone about the report, please call 1-800-999-4033 or email [waterquality@gswater.com](mailto:waterquality@gswater.com).

*You can view your 2019 Consumer Confidence Report and learn more about your drinking water by visiting our website. **You can find a direct URL link in the message center on the back of your water bill.** You can also find the URL link for your system in the table on the reverse.*

El informe de Confianza del Consumidor o CCR, es un informe anual de la calidad de agua potable que el Decreto de Agua Potable Sana requiere que Golden State Water Company (GSWC, por sus siglas en ingles) le provee. El objetivo del CCR es aumentar la conciencia de los consumidores acerca de la calidad de su agua potable, de donde viene el agua potable, lo que se necesita para distribuir agua a su hogar, y la importancia de proteger fuentes de agua potable. Este informe contiene información importante acerca del origen y la calidad de su agua potable.

En los últimos años, GSWC ha enviado por correo una copia del CCR para cumplir con la regulación.

El 21 de febrero de 2013, el Departamento de Salud Pública de California ha ampliado su interpretación de la regulación para permitir la distribución electrónica del CCR. El método de entrega electrónica permitirá que GSWC reduzca el consumo de papel y gastos de envío y de imprenta.

Si desea una copia en papel del CCR del 2019 enviado por correo a su dirección o si desea hablar con alguien sobre el informe, llame al 1-800-999-4033 o por correo electrónico a [waterquality@gswater.com](mailto:waterquality@gswater.com).

2019 Consumer Confidence Report Direct URL Links

<b>System Name</b>	<b>Direct URL Link</b>
Apple Valley North Water System	<a href="http://www.gswater.com/AppleValleyNorthCCR">www.gswater.com/AppleValleyNorthCCR</a>
Apple Valley South Water System	<a href="http://www.gswater.com/AppleValleySouthCCR">www.gswater.com/AppleValleySouthCCR</a>
Arden Water System	<a href="http://www.gswater.com/ArdenCCR">www.gswater.com/ArdenCCR</a>
Artesia Water System	<a href="http://www.gswater.com/ArtesiaCCR">www.gswater.com/ArtesiaCCR</a>
Barstow Water System	<a href="http://www.gswater.com/BarstowCCR">www.gswater.com/BarstowCCR</a>
Baypoint Water System	<a href="http://www.gswater.com/BaypointCCR">www.gswater.com/BaypointCCR</a>
Bell-Bell Gardens Water System	<a href="http://www.gswater.com/BellBellGardensCCR">www.gswater.com/BellBellGardensCCR</a>
Calipatria Water System	<a href="http://www.gswater.com/CalipatriaCCR">www.gswater.com/CalipatriaCCR</a>
Claremont Water System	<a href="http://www.gswater.com/ClaremontCCR">www.gswater.com/ClaremontCCR</a>
Clearlake Water System	<a href="http://www.gswater.com/ClearlakeCCR">www.gswater.com/ClearlakeCCR</a>
Cordova Water System	<a href="http://www.gswater.com/CordovaCCR">www.gswater.com/CordovaCCR</a>
Cowan Heights Water System	<a href="http://www.gswater.com/CowanHeightsCCR">www.gswater.com/CowanHeightsCCR</a>
Culver City Water System	<a href="http://www.gswater.com/CulverCityCCR">www.gswater.com/CulverCityCCR</a>
Cypress Ridge Water System	<a href="http://www.gswater.com/CypressRidgeCCR">www.gswater.com/CypressRidgeCCR</a>
Desert View Water System	<a href="http://www.gswater.com/DesertViewCCR">www.gswater.com/DesertViewCCR</a>
Edna Road Water System	<a href="http://www.gswater.com/EdnaRoadCCR">www.gswater.com/EdnaRoadCCR</a>
Florence-Graham Water System	<a href="http://www.gswater.com/FlorenceGrahamCCR">www.gswater.com/FlorenceGrahamCCR</a>
Hollydale Water System	<a href="http://www.gswater.com/HollydaleCCR">www.gswater.com/HollydaleCCR</a>
Lake Marie Water System	<a href="http://www.gswater.com/LakeMarieCCR">www.gswater.com/LakeMarieCCR</a>
Los Osos Water System	<a href="http://www.gswater.com/LosOsosCCR">www.gswater.com/LosOsosCCR</a>
Lucerne Water System	<a href="http://www.gswater.com/LucerneCCR">www.gswater.com/LucerneCCR</a>
Morongo Del Norte Water System	<a href="http://www.gswater.com/MorongoDelNorteCCR">www.gswater.com/MorongoDelNorteCCR</a>
Morongo Del Sur Water System	<a href="http://www.gswater.com/MorongoDelSurCCR">www.gswater.com/MorongoDelSurCCR</a>
Nipomo Water System	<a href="http://www.gswater.com/NipomoCCR">www.gswater.com/NipomoCCR</a>
Norwalk Water System	<a href="http://www.gswater.com/NorwalkCCR">www.gswater.com/NorwalkCCR</a>
Orcutt Water System	<a href="http://www.gswater.com/OrcuttCCR">www.gswater.com/OrcuttCCR</a>
Placentia-Yorba Linda Water System	<a href="http://www.gswater.com/Placentia-YorbaLindaCCR">www.gswater.com/Placentia-YorbaLindaCCR</a>
San Dimas Water System	<a href="http://www.gswater.com/SanDimasCCR">www.gswater.com/SanDimasCCR</a>
Simi Valley Water System	<a href="http://www.gswater.com/SimiValleyCCR">www.gswater.com/SimiValleyCCR</a>
Sisquoc Water System	<a href="http://www.gswater.com/SisquocCCR">www.gswater.com/SisquocCCR</a>
South Arcadia Water System	<a href="http://www.gswater.com/SouthArcadiaCCR">www.gswater.com/SouthArcadiaCCR</a>
South San Gabriel Water System	<a href="http://www.gswater.com/SouthSanGabrielCCR">www.gswater.com/SouthSanGabrielCCR</a>
Southwest Water System	<a href="http://www.gswater.com/SouthwestCCR">www.gswater.com/SouthwestCCR</a>
Tanglewood Water System	<a href="http://www.gswater.com/TanglewoodCCR">www.gswater.com/TanglewoodCCR</a>
West Orange County Water System	<a href="http://www.gswater.com/WestOrangeCountyCCR">www.gswater.com/WestOrangeCountyCCR</a>
Willowbrook Water System	<a href="http://www.gswater.com/WillowbrookCCR">www.gswater.com/WillowbrookCCR</a>
Wrightwood Water System	<a href="http://www.gswater.com/WrightwoodCCR">www.gswater.com/WrightwoodCCR</a>

\*\*\* Proof of Publication \*\*\*

PROOF OF PUBLICATION  
(2015.5 C.C.P.)

STATE OF CALIFORNIA.

LOMPOC RECORD

Golden State Water

630 E. Foothill Blvd  
San Dimas, CA 91773

ORDER NUMBER 145337

I AM THE PRINCIPAL CLERK OF THE PRINTER OF THE LOMPOC RECORD, NEWSPAPER OF GENERAL CIRCULATION, PRINTED AND PUBLISHED IN THE CITY OF LOMPOC, COUNTY OF SANTA BARBARA, AND WHICH NEWSPAPER HAS BEEN ADJUDGED A NEWSPAPER OF GENERAL CIRCULATION BY THE SUPERIOR COURT OF THE COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA, ADJUDICATION #47065.

THAT THE NOTICE OF WHICH THE ANNEXED IS A PRINTED COPY (SET IN TYPE NOT SMALLER THAN NONPAREIL), HAS BEEN PUBLISHED IN EACH REGULAR AND ENTIRE ISSUE OF SAID NEWSPAPER AND NOT IN ANY SUPPLEMENT THEREOF ON THE FOLLOWING DATES, TO-WIT:

I CERTIFY (OR DECLARE) UNDER PENALTY OF PERJURE THAT THE FOREGOING IS TRUE AND CORRECT.

Section: Announcements

Category: 986 Legals

PUBLISHED ON: 07/14/2019, 07/21/2019

TOTAL AD COST: 28.86

FILED ON: 7/22/2019

DATED AT SANTA MARIA, CA THIS 22<sup>nd</sup> DAY OF

July  
20 19

SIGNATURE

*Teresa Ramirez*

Interested parties who would like to view or print a copy of Golden State Water Company's 2019 Water Quality Report (Consumer Confidence Report) for the Year 2018 can access the report on the web at: [www.gswater.com/annual-water-quality-reports](http://www.gswater.com/annual-water-quality-reports).

Legal #145337  
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STATE OF CALIFORNIA.

SANTA MARIA TIMES

Golden State Water

630 E. Foothill Blvd  
San Dimas, CA 91773

ORDER NUMBER 145352

I AM THE PRINCIPAL CLERK OF THE PRINTER OF THE SANTA MARIA TIMES, NEWSPAPER OF GENERAL CIRCULATION, PRINTED AND PUBLISHED IN THE CITY OF SANTA MARIA, COUNTY OF SANTA BARBARA, AND WHICH NEWSPAPER HAS BEEN ADJUDGED A NEWSPAPER OF GENERAL CIRCULATION BY THE SUPERIOR COURT OF THE COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA, ADJUDICATION #463687.

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I CERTIFY (OR DECLARE) UNDER PENALTY OF PERJURE THAT THE FOREGOING IS TRUE AND CORRECT.

Section: Announcements

Category: 986 Legals

PUBLISHED ON: 07/12/2019, 07/19/2019

TOTAL AD COST: 40.04

FILED ON: 7/19/2019

DATED AT SANTA MARIA, CA THIS 19<sup>th</sup> DAY OF July, 2019

SIGNATURE

*Jeresa Ramirez*

Interested parties who would like to view or print a copy of Golden State Water Company's 2019 Water Quality Report (Consumer Confidence Report) for the Year 2018 can access the report on the web at: [www.gswater.com/annual-water-quality-reports](http://www.gswater.com/annual-water-quality-reports).

Legal #145352  
Pub dates: July 12 & 19, 2019

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PROOF OF PUBLICATION  
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STATE OF CALIFORNIA.

SANTA YNEZ VALLEY NEWS

Golden State Water

630 E. Foothill Blvd  
San Dimas, CA 91773

ORDER NUMBER 145351

I AM THE PRINCIPAL CLERK OF THE PRINTER OF THE SANTA YNEZ VALLEY NEWS, NEWSPAPER OF GENERAL CIRCULATION, PRINTED AND PUBLISHED IN THE CITY OF SOLVANG, COUNTY OF SANTA BARBARA, AND WHICH NEWSPAPER HAS BEEN ADJUDGED A NEWSPAPER OF GENERAL CIRCULATION BY THE SUPERIOR COURT OF THE COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA, ADJUDICATION #47216.

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I CERTIFY (OR DECLARE) UNDER PENALTY OF PERJURE THAT THE FOREGOING IS TRUE AND CORRECT.

Section: Announcements

Category: 986 Legals

PUBLISHED ON: 07/18/2019, 07/25/2019

TOTAL AD COST: 33.54

FILED ON: 7/25/2019

DATED AT SANTA MARIA, CA THIS 25<sup>th</sup> DAY OF July, 2019

SIGNATURE

*Teresa Ramirez*

Interested parties who would like to view or print a copy of Golden State Water Company's 2019 Water Quality Report (Consumer Confidence Report) for the Year 2018 can access the report on the web at: [www.gswater.com/annual-water-quality-reports](http://www.gswater.com/annual-water-quality-reports).

Legal #145351  
Pub dates: July 18 & 25, 2019



**Golden State**  
Water Company  
A Subsidiary of American States Water Company

# Tanglewood Water System



# 2019

## Consumer Confidence Report on Water Quality for 2018

Providing Quality Drinking Water in California Since 1929

[www.gswater.com/TanglewoodCCR](http://www.gswater.com/TanglewoodCCR)

**Golden State Water Company** (Golden State Water) is pleased to present our 2019 Annual Water Quality Report (Consumer Confidence Report), providing customers with important information regarding local water quality and service during the 2018 calendar year.

**Golden State Water is proud to report that the water delivered to your tap continues to meet all federal and state quality standards established to protect public health and safety.** Within this document, you will find information regarding local water supply sources, testing and the steps Golden State Water takes to ensure our water is in compliance with standards set by the United States Environmental Protection Agency (USEPA), State Water Resources Control Board's (State Board) Division of Drinking Water and California Public Utilities Commission (CPUC).

For more than 90 years, Golden State Water has been committed to providing high-quality water and reliable service throughout California. Delivering drinking water is serious business, and our team of scientists, engineers and water experts is dedicated to protecting our water systems and ensuring the water we deliver to local homes and businesses meets the stringent standards set by the state and federal governments and is safe to drink.

Golden State Water provides water service to approximately 1 million customers in more than 80 communities throughout California. We aggressively monitor and test for hundreds of contaminants in each of our 37 water systems and have consistently scored among the top water companies for compliance with water quality regulations.

To access the most up-to-date Water Quality Report for your area, sampling results and to learn more about common contaminants, you can visit [www.gswater.com/water-quality/](http://www.gswater.com/water-quality/). If you have any questions about this report, please contact our 24-hour Customer Service Center at 1.800.999.4033 or email us at [customerservice@gswater.com](mailto:customerservice@gswater.com).

Golden State Water is constantly working toward 100 percent customer satisfaction and encourages all customers to visit [www.gswater.com](http://www.gswater.com) and follow us on Twitter and on Facebook at @GoldenStateH2O.

On behalf of everyone at Golden State Water, thank you for allowing us the opportunity to serve you and your family.

Sincerely,



**Robert Spowls**  
President and Chief Executive Officer  
Golden State Water Company



**Mark Zimmer**  
General Manager, Coastal District  
Golden State Water Company

### About the Company

Golden State Water Company, a subsidiary of American States Water Company (AWR), provides water service to approximately one million Californians located in over 80 communities throughout 10 counties in Northern, Coastal and Southern California. The Company also distributes electricity to more than 24,000 customers in the Big Bear recreational area of California. AWR's contracted services subsidiary, American States Utility Services, Inc., provides operations, maintenance and construction management services for water and wastewater systems located on military bases throughout the country.



## Where Does My Water Come From?

Water delivered to customers in the Tanglewood system is groundwater pumped from the Santa Maria Groundwater Basin through wells owned and operated by Golden State Water Company. The groundwater basin is recharged from a collection of local drainage basins, streams and creeks, as well as natural percolation from rain, agriculture and domestic use. The water system also augments supplies with water purchased from the Central Coast Water Authority.

## Source Water Assessment

Golden State Water Company conducted source water assessments in 2002 and 2014 for groundwater wells serving the customers of its Tanglewood system.

The groundwater well sources are considered most vulnerable to one or more of the following possible contaminating activities. Contaminants associated with these activities have not been detected in the water supply: high density housing, road right-of-ways, roads/streets, and schools.

One of the groundwater wells is considered most vulnerable to the following activities which have been associated with contaminants detected in the water supply: agricultural drainage, agricultural wells, fertilizer/pesticide/herbicide application, and irrigated crops.

A copy of the assessments may be viewed at:

State Board Coastal District Office  
1180 Eugenia PL., Suite 200, Carpinteria, CA 93013  
or

Golden State Water Company, Los Osos Office  
1140 Los Olivos Ave., Los Osos, CA 93402

You may request a summary of the assessments be sent to you by contacting:

State Board Coastal District Office at 1.805.566.1326

For more details, contact Beth Clark, Associate Water Quality Engineer, at 1.800.999.4033.

In January 2003, the Central Coast Water Authority (CCWA) completed a source water assessment of its State Water Project supplies. CCWA supplies are considered to be most vulnerable to agricultural and irrigation wells. A copy of the CCWA assessment can be obtained by contacting CCWA by phone at (805) 688-2292.

## Laboratory Analyses

Through the years, we have taken thousands of water samples to determine the presence of any radioactive, biological, inorganic, volatile organic, or synthetic organic contaminants in your drinking water. The table we provide shows only detected contaminants in the water.

Even though all the substances listed here are under the Maximum Contaminant Level (MCL), we feel it is important that you know exactly what was detected and how much of these substances were present in your water. Compliance (unless otherwise noted) is based on the average level of concentration below the MCL. The state allows us to monitor for some contaminants less than once per year because the concentrations do not change frequently. Some of our data, while representative, is more than a year old.

**Lead** — If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Golden State Water Company is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, 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 about lead in drinking water, testing methods and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at 1.800.426.4791 or at <http://www.epa.gov/safewater/lead>.

**Chloramination** — The water purchased by Golden State Water Company from Central Coast Water Authority (CCWA) contains chloramine. Chloramine is added to the water for public health protection. Chloraminated water is safe for

people and animals to drink, and for all other general uses. Three special user groups, including kidney dialysis patients, aquarium owners, and businesses or industries that use water in their treatment process, must remove chloramine from the water prior to use.

Hospitals or dialysis centers should be aware of chloramine in the water and should install proper chloramine removal equipment, such as dual carbon adsorption units. Aquarium owners can use readily available products to remove or neutralize chloramine. Businesses and industries that use water in any manufacturing process or for food or beverage preparation should contact their water treatment equipment supplier regarding specific equipment needs.

**Turbidity** — Turbidity is a measure of the cloudiness of the water. It is monitored because it is a good indicator of the effectiveness of surface water filtration.

**School Lead Testing** — Water quality and protecting public health are top priorities for Golden State Water Company, and we are proud to have partnered with schools throughout our service areas over the last few years to test the drinking water at their facilities for the presence of lead.

California state law (AB 746), established in 2018, requires that all public K-12 schools built before January 1, 2010, have their drinking water tested for lead before the deadline of July 1, 2019. With that deadline approaching, we are pleased to report that the vast majority of schools we serve have already completed testing.

Golden State Water has been working collaboratively with schools to test the water at drinking fountains, cafeterias, food preparation areas and other locations on campus.

To learn more about the school lead testing program and to see if your school has been tested, please visit [www.gswater.com/schools](http://www.gswater.com/schools).

## Glossary of Terms

### Maximum Contaminant Level (MCL)

The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the public health goals and maximum contaminant level goals as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste and appearance of drinking water.

### California Notification Level (NL)

Non-regulatory, health-based advisory levels established by the State Board for contaminants in drinking water for which an MCL has not been established.

### Maximum Contaminant Level Goal (MCLG)

The level of contaminant in drinking water below which there is no known or expected risk to health. Maximum contaminant level goals are set by the United States Environmental Protection Agency (USEPA).

### Maximum Residual Disinfectant Level (MRDL)

The highest level of a disinfectant allowed in drinking water. There is convincing evidence that the addition of a disinfectant is necessary for control of microbial contaminants.

### Maximum Residual Disinfectant Level Goal (MRDLG)

The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

### Primary Drinking Water Standard (PDWS)

MCLs, MRDLs and treatment techniques (TTs) for contaminants that affect health, along with their monitoring and reporting requirements.

### Public Health Goal (PHG)

The level of a contaminant in drinking water below which there is no known or expected risk to health. Public health goals are set by the California Environmental Protection Agency (CalEPA).

### Regulatory Action Level (AL)

The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

### Treatment Technique (TT)

A required process intended to reduce the level of a contaminant in drinking water.

Contaminants are measured in	Unit Abbreviation	Also known as	This can be compared to...
Parts per million (PPM)	mg/L	milligrams per liter	1 second in 12 days
Parts per billion (PPB)	µg/L	micrograms per liter	1 second in 32 years
Parts per trillion (PPT)	ng/L	nanograms per liter	1 second in 32,000 years
Grains per gallon	grains/gallon	a measurement for water hardness often used for sizing household water softeners	1 grain/gal equals 17.1 mg/L of hardness
Nephelometric Turbidity Units	NTU	a measurement of the clarity of water	Turbidity in excess of 5 NTU is noticeable to the average person
Microsiemens per centimeter	µS/cm	a measurement of a solution's ability to conduct electricity	
Picocuries per liter	pCi/L	a measurement of radioactivity in water	

# YOUR WATER MEETS ALL CURRENT FEDERAL AND STATE REQUIREMENTS

## Tanglewood Water System – Source Water Quality

Primary Standards - Health Based (units)	Primary MCL	PHG (MCLG)	Range of Detection	Average Level	Most Recent Sampling Date	Typical Source of Constituent
Turbidity						
Highest single measurement of the treated surface water (NTU)	TT = 1.0	n/a	n/a	0.13	2017	Soil runoff
Lowest percent of all monthly readings less than 0.3 NTU (%)	TT = 95	n/a	n/a	100%	2017	Soil runoff
Inorganic Constituents						
Aluminum (mg/L)	1	0.6	ND - 0.1	ND	2018	Erosion of natural deposits; residue from some surface water treatment processes
Fluoride (mg/L)	2.0	1	ND - 0.22	0.11	2018	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories
Nitrate [as N] (mg/L)	10	10	ND - 0.53	ND	2018	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Radioactive Constituents						
Gross Alpha Activity (pCi/L)	15(a)	(0)	ND - 3.6	ND	2018	Erosion of natural deposits
Uranium (pCi/L)	20	0.43	2.1 - 2.2	2.1	2014	Erosion of natural deposits
Secondary Standards - Aesthetic (units)	Secondary MCL	PHG (MCLG)	Range of Detection	Average Level	Most Recent Sampling Date	Typical Source of Constituent
Aluminum (µg/L)	200	n/a	ND - 95	ND	2018	Erosion of natural deposits; residue from some surface water treatment processes
Chloride (mg/L)	500	n/a	19 - 140	50	2018	Runoff/leaching from natural deposits; seawater influence
Odor–Threshold (units)	3	n/a	n/a	2	2018	
Specific Conductance (µS/cm)	1600	n/a	300 - 900	700	2018	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	500	n/a	55 - 280	170	2018	Runoff/leaching from natural deposits; industrial wastes
Turbidity (units)	5	n/a	ND - 0.12	ND	2018	Soil runoff
Total Dissolved Solids (mg/L)	1000	n/a	220 - 670	450	2018	Runoff/leaching from natural deposits
Other Parameters (units)	Notification Level	PHG (MCLG)	Range of Detection	Average Level	Most Recent Sampling Date	Typical Source of Constituent
Alkalinity (mg/L)	n/a	n/a	80 - 200	140	2018	
Calcium (mg/L)	n/a	n/a	14 - 92	53	2018	
Hardness [as CaCO3] (mg/L)	n/a	n/a	62 - 420	260	2018	The sum of polyvalent cations present in the water, generally magnesium and calcium; the cations are usually naturally occurring
Hardness [as CaCO3] (grains/gal)	n/a	n/a	3.6 - 24	0.82	2018	
Magnesium (mg/L)	n/a	n/a	7.7 - 45	26	2018	
pH (pH units)	n/a	n/a	7.7 - 8.7	8.0	2018	
Potassium (mg/L)	n/a	n/a	1.8 - 2.8	2.3	2018	
Sodium (mg/L)	n/a	n/a	40 - 46	43	2018	Refers to the salt present in the water and is generally naturally occurring

## Tanglewood Water System – Distribution Water Quality

Disinfection Byproducts and Disinfectant Residuals (units)	Primary MCL (MRDL)	PHG (MRDLG)	Range of Detection	Average Level	Most Recent Sampling Date	Typical Source of Constituent	
Chlorine [as Cl <sub>2</sub> ] (mg/L)	(4.0)	(4)	0.5 - 1.6	1.3	2018	Drinking water disinfectant added for treatment	
Inorganic Constituents (units)	Action Level	PHG (MCLG)	Sample Data	90th % Level	Most Recent Sampling Date	Typical Source of Constituent	
Copper (mg/L)	1.3	0.3	None of the 10 samples collected exceeded the action level.	0.11	2017	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	
Lead sampling in schools and residential plumbing	Action Level	PHG (MCLG)	Sample Data	90th % Level	Most Recent Sampling Date	Typical Source	Number of Schools Tested (b)
Lead (µg/L)	15	0.2	None of the 10 samples collected exceeded the action level.	ND	2017	Internal Corrosion of household water plumbing systems; discharges from industrial manufacturerers; erosion of natural deposits.	1

(a) MCL is based on Gross Alpha minus Uranium.

(b) The State of California has made lead sampling in schools mandatory with a compliance window through 2019.

ND = Not Detected

CaCO<sub>3</sub> = Calcium Carbonate

**This table includes data only on constituents that were detected.**



*Golden State Water's top priority is to protect the quality of your water supply. In every one of our water systems, a team of highly-trained employees monitors water quality on an on-going basis to ensure that our customers are receiving high-quality water.*

## Conserving for California

The 2018-19 winter season has provided an abundance of rain and snow for most of California, and water supply sources in many regions have recharged to normal levels. Although winter storms arrived a little late in the season, the state's snowpack water content measured at record levels in March 2019.

While water supply conditions have improved for a large part of the state, sources in some regions have yet to recharge to historical norms and communities continue to struggle with supply insecurity.

Golden State Water Company reminds customers that California is a drought-prone state, and there is no certainty that we will experience wet winters in the years to come. We must continue to use water responsibly to protect against and prepare for future droughts. It's important that we all work together to make conservation a part of our daily lives.

State law prohibits actions that result in water waste, such as hosing off driveways and sidewalks, washing a motor vehicle with a hose without a shut-off nozzle, watering outdoor landscapes that causes excess runoff, operating decorative fountains that do not recirculate water, and watering ornamental turf or public street medians.

Golden State Water thanks you for your conservation efforts. To learn more about conservation programs and/or water-use restrictions in your area, please visit [www.gswater.com](http://www.gswater.com) or call 1.800.999.4033.

## Risk to Tap and Bottled Water

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 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 1.800.426.4791.

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the layers in the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, which can pick up substances resulting from the presence of animal or human activity.

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (U.S. EPA) and the State Water Resources Control Board (State Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The U.S. Food and Drug Administration regulations and California law also establish limits for contaminants in bottled water that provide the same protection for public health.

### Contaminants in Drinking Water Sources May Include:

- ◆ Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife
- ◆ Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, and farming
- ◆ Pesticides and herbicides that may come from a variety of sources such as agriculture, urban stormwater runoff and residential uses
- ◆ Organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff and septic systems
- ◆ Radioactive contaminants that can be naturally occurring or be the result of oil and gas production and mining activities

## For People with Sensitive Immune Systems

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised people, such as those individuals with cancer undergoing chemotherapy, those who have undergone organ transplants, those with HIV/AIDS

## If You Have Questions – Contact Us

For information about your water quality or to find out about upcoming opportunities to participate in public meetings, please contact our 24-hour Customer Service Center at 1.800.999.4033. Visit us online at [www.gswater.com](http://www.gswater.com) or email us at [customerservice@gswater.com](mailto:customerservice@gswater.com).

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

or other immune system disorders, some elderly populations, and infants, can be particularly at risk from infections. These people should seek advice from their health care providers.

The USEPA and Centers for Disease Control issue guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants. To obtain a copy of these guidelines, please call the USEPA's Safe Drinking Water Hotline at 1.800.426.4791.

## Connect with us to learn more!

Visit [www.gswater.com](http://www.gswater.com) to:

- ◆ Access the latest Water Quality Report for your area
- ◆ Get the latest updates and news regarding the drought and state/local restrictions
- ◆ Learn more about water-use efficiency, including programs and rebates in your area
- ◆ Understand your water bill and learn about payment options
- ◆ Obtain information about programs for low-income customers (CARW)
- ◆ Sign up to receive email updates about your water service

For additional information, please contact our 24-hour Customer Service Center at **1.800.999.4033** or email us at [customerservice@gswater.com](mailto:customerservice@gswater.com).

## Cross Connection Control Program

Golden State Water Company's Cross Connection Control Program provides a level of certainty that the water in the company's distribution system is protected from possible backflow of contaminated water from commercial or industrial customers' premises. For additional information, visit <http://www.gswater.com/protecting-our-drinking-water/>.

## Hydrant Flushing

Hydrant flushing is an essential maintenance procedure that all water providers must perform periodically to ensure the delivery of water that meets state and federal drinking water standards.

Flushing is a necessary part of maintaining the water system and the quality of the water within it. Golden State Water Company has modified procedures to minimize the amount of water released during flushing activities. Water used for flushing represents less than 1 percent of the total water usage in each of our water systems.

For more information about hydrant flushing, visit <http://www.gswater.com/flushing-info/>.

