

Consumer Confidence Report Certification Form

(To be submitted with a copy of the CCR)

Water System Name: Golden State Water Company – Southwest System

Water System Number: 1910155

The water system named above hereby certifies that its Consumer Confidence Report was distributed on June 1, 2015 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: Alex Chakmak
Signature: 
Title: Water Quality Engineer
Phone Number: 310.263.4141 x110 Date: 9/15/2015

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
 - ☐ 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.gswater.com/annual-water-quality-reports
- ☐ *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.gswater.com/SouthwestCCR
- ☐ 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 this year to utilize electronic delivery of the annual Consumer Confidence Reports (CCR) as allowed by the United States Environmental Protection Agency and the California Department of Public Health. Notices regarding this change in procedure, a copy of which is attached, were mailed to each customer in the weeks before the release of the CCRs. These notices, printed 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 should they choose.

*This form is provided as a convenience and may be used to meet the certification requirement of
section 64483(c), 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 2015 CCR mailed to your mailing address or would like to speak with someone about the report, please call 1-800-999-4033 or email waterquality@gswater.com.

You can view your 2015 Consumer Confidence Report and learn more about your drinking water by visiting the following URL:

www.gswater.com/SouthwestCCR

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 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, Golden State Water Company 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 Golden State Water Company reduzca el consumo de papel y gastos de envío y de imprenta.

Si desea una copia en papel del CCR del 2015 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.

이 안내는 매우 중요합니다.
본인을 위해 번역인을 사용하십시오.

Mahalaga ang impormasyong ito. Mangyaring ipasalin ito.

この情報は重要です。
翻訳を依頼してください。

Chi tiết này thật quan trọng.
Xin nhờ người dịch cho quý vị.

Los Angeles Times

MEDIA GROUP

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

STATE OF ILLINOIS
County of Cook

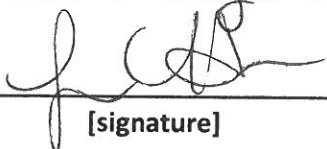
I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the action for which the attached notice was published.

I am a principal clerk of the Los Angeles Times, which was adjudged a newspaper of general circulation on May 21, 1952, Cases 598599 for the City of Los Angeles, County of Los Angeles, and State of California. Attached to this Affidavit is a true and complete copy as was printed and published on the following date(s):

Jul 20, 2015; Jul 27, 2015

I certify (or declare) under penalty of perjury
under the laws of the State of California that the foregoing is true and correct.

Dated at Chicago, Illinois
on this 27 day of July, 2015.



[signature]

435 N. Michigan Ave.
Chicago, IL 60611



Golden State
Water Company
A Subsidiary of American States Water Company

2015

Southwest Water System

Consumer Confidence Report
on Water Quality for 2014



Providing Quality Drinking Water in California Since 1929

Golden State Water Company is pleased to present our Annual Water Quality Report for 2014.

Our team of more than 550 professionals takes water quality seriously and is committed to providing customers with reliable water service that meets or exceeds expectations.

Golden State Water strictly adheres to federal and state drinking water quality guidelines required by the United States Environmental Protection Agency (USEPA), the State Water Resources Control Board's Division of Drinking Water (DDW) and the California Public Utilities Commission (CPUC). To ensure the quality of your drinking water, we routinely sample to monitor water quality, testing for more than 230 regulated and unregulated elements in our water distribution systems. In 2014 alone, we invested more than half a million dollars on laboratory testing to meet regulatory standards.

We believe an open dialog with customers is important, and we encourage you to contact our 24-hour Customer Service Center if you have any concerns about the quality of your water. We investigate all water quality reports, taking immediate action to address any issues. Our customers are our top priority and we strive to provide the latest news and updates about their water service. Golden State Water's Customer Service Center representatives are available around-the-clock to answer your water quality questions and address your concerns. We encourage customers to visit www.gswater.com to learn more about your customer service area, water quality, conservation rebates and water-use efficiency tips.

Given current drought conditions and the forecast for continued dry conditions, water remains a critical issue and Californians must stay diligent with their efforts to reduce water usage at their homes and businesses. We encourage customers to visit gswater.com/drought to learn more about the state's water-use restrictions and conservation goals, as well as resources to help improve your water-use efficiency.

On behalf of the men and women at Golden State Water who serve you, thank you for providing us the opportunity to be your water provider. Please call our 24-hour Customer Service Center with any questions or feedback about this report at 1-800-999-4033.

Sincerely,



Robert Sprowls
President and Chief Executive Officer
Golden State Water Company



Katherine Nutting
General Manager, Southwest 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 within 75 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.



Drought in California

California recently entered its fourth consecutive dry year, and Golden State Water is asking all customers to use water responsibly. We encourage customers to visit gswater.com/drought to learn more about the state's water-use restrictions and reduction goals, as well as resources to help improve your water-use efficiency.

Thanks to years of proactive planning and continued long-term investments in water infrastructure, Golden State Water (working collaboratively with regional wholesale water suppliers) has maintained a stable water supply for our customers during this unprecedented drought.

Golden State Water Company will continue working closely with the communities we serve to ensure they are making informed water-use decisions to meet all approved reduction goals.

Where Does My Water Come From?

Water delivered to customers in the Southwest System is a blend of groundwater pumped from the West Coast and Central Groundwater Basins and imported water from the Colorado River Aqueduct and the State Water Project (imported and distributed by the Metropolitan Water District of Southern California). The West Coast Groundwater Basin stretches southwesterly from the Newport – Inglewood Fault Zone. The Central Groundwater Basin is bounded on the north by the La Brea Uplift; on the east by the Elysian, Repetto, Merced and Puente hills; on the southeast by the Orange County Groundwater Basin; and on the west by the Newport-Inglewood Fault Zone.

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 Division of Drinking Water (DDW) 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 and MRDLs for contaminants that affect health along with their monitoring and reporting requirements and water treatment 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.

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 ensure the delivery of water that meets state and federal drinking water standards.

Even in drought conditions, flushing is a necessary part of maintaining the water system and the quality of the water within it. Golden State Water has modified procedures, given the current drought in California, to minimize the amount of

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 or email us at customerservice@gswater.com.

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

この報告書には上水道に関する重要な情報が記されております。翻訳を御依頼なされるか、内容をご理解なさっておられる方にお尋ね下さい。

이 안내는 매우 중요합니다.
본인을 위해 번역인을 사용하십시오.

Mahalaga ang impormasyong ito. Mangyaring ipasalin ito.

Chi tiết này thật quan trọng. Xin nhờ người dịch cho quý vị.

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/>

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 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 to learn how 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.

Measurements

Water is sampled and tested consistently throughout the year to ensure the best possible quality.

Contaminants are measured in:

- ▶ Parts per million (ppm) or milligrams per liter (mg/L)
- ▶ Parts per billion (ppb) or micrograms per liter (µg/L)
- ▶ Parts per trillion (ppt) or nanograms per liter (ng/L)
- ▶ Grains per gallon (grains/gal) – A measurement of water hardness often used for sizing household water softeners. One grain per gallon is equal to 17.1 mg/L of hardness.
- ▶ MicroSiemens per centimeter (µS/cm) – A measurement of a solution's ability to conduct electricity
- ▶ Nephelometric Turbidity Units (NTU) – A measurement of the clarity of water. Turbidity in excess of 5 NTU is noticeable to the average person.
- ▶ PicoCuries per liter (pCi/L) – A measurement of radioactivity in water.

If this is difficult to imagine, think about these comparisons:

Parts per million:	Parts per billion:	Parts per trillion:
1 second in 12 days	1 second in 32 years	1 second in 32,000 years
1 inch in 16 miles	1 inch in 16,000 miles	1 inch in 16 million miles
1 drop in 14 gallons	1 drop in 14,000 gallons	10 drops in enough water to fill the Rose Bowl

YOUR WATER MEETS ALL CURRENT FEDERAL AND STATE REQUIREMENTS

Southwest 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	0.05	2014	Soil runoff
Lowest percent of all monthly readings less than 0.3 NTU (%)	TT = 95	n/a	n/a	100%	2014	Soil runoff
Inorganic Constituents						
Aluminum (mg/L)	1	0.6	ND - 0.31	ND	2014	Erosion of natural deposits; residue from some surface water treatment processes
Arsenic (µg/L)	10	0.004	ND - 2.6	ND	2014	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes
Barium (mg/L)	1	2	ND - 0.12	ND	2014	Discharges of oil drilling wastes and from metal refineries; erosion of natural deposits
Fluoride, naturally occurring (mg/L)	2.0	1	0.20 - 1.0	0.41	2014	Erosion of natural deposits; discharge from fertilizer and aluminum factories
Fluoride, total (mg/L) (a)	2.0	1	0.4 - 1.1	0.8	2014	Water additive that promotes strong teeth
Nitrate [as NO3] (mg/L)	45	45	ND - 2.7	ND	2014	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Radioactive Constituents						
Gross Alpha Activity (pCi/L)	15(b)	(0)	ND - 9.0	ND	2014	Erosion of natural deposits
Gross Beta Activity (pCi/L)	50(c)	(0)	ND - 5.0	ND	2014	Decay of natural and manmade deposits
Combined Radium (pCi/L)	5(d)	(0)	ND - 1.2	ND	2014	Erosion of natural deposits
Uranium (pCi/L)	20	0.43	ND - 3	ND	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 - 310	ND	2014	Erosion of natural deposits; residue from some surface water treatment processes
Color (units)	15	n/a	ND - 20	2	2014	Naturally-occurring organic materials
Chloride (mg/L)	500	n/a	21 - 100	53	2014	Runoff/leaching from natural deposits; seawater influence
Iron (µg/L)	300	n/a	ND - 120	ND	2014	Leaching from natural deposits; industrial wastes
Manganese (µg/L)	50	n/a	ND - 43	ND	2014	Leaching from natural deposits
Odor--Threshold (units)	3	n/a	ND - 8	1	2014	Naturally-occurring organic materials
Specific Conductance (uS/cm)	1600	n/a	480 - 1010	680	2014	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	500	n/a	1 - 241	57	2014	Runoff/leaching from natural deposits; industrial wastes
Turbidity (units)	5	n/a	ND - 0.2	ND	2014	Soil runoff
Total Dissolved Solids (mg/L)	1000	n/a	280 - 651	410	2014	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	84 - 300	190	2014	
Calcium (mg/L)	n/a	n/a	26 - 82	52	2014	
Hardness [as CaCO3] (mg/L)	n/a	n/a	110 - 294	200	2014	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	6.4 - 17.2	12	2014	
Magnesium (mg/L)	n/a	n/a	10 - 27	15	2014	
pH (pH units)	n/a	n/a	7.6 - 8.6	8.1	2014	
Potassium (mg/L)	n/a	n/a	2.6 - 7.3	4.7	2014	
Sodium (mg/L)	n/a	n/a	40 - 99	61	2014	Refers to the salt present in the water and is generally naturally occurring
Unregulated Drinking Water Constituents (units)	Notification Level	PHG (MCLG)	Range of Detection	Average Level	Most Recent Sampling Date	
N-Nitrosodimethylamine [NDMA] (ng/L)	10	n/a	ND - 5.0	1.0	2009	
UCMR3 - List 1						
Bromomethane (methyl bromide)	n/a	n/a	ND - 2.17	ND	2013, 2014	
Chloromethane (methyl chloride)	n/a	n/a	ND - 11	1	2013, 2014	
Vanadium (µg/L)	50	n/a	ND - 3.8	ND	2013, 2014	
Molybdenum (µg/L)	n/a	n/a	ND - 11	3.4	2013, 2014	
Strontium (µg/L)	n/a	n/a	290 - 550	500	2013, 2014	
Chlorate (µg/L)	800	n/a	ND - 580	150	2013, 2014	

Southwest Water System – Distribution Water Quality

Microbiological Constituents (units)	Primary MCL	PHG (MCLG)	Value		Most Recent Sampling Date	Typical Source of Constituent
Total Coliform Bacteria ≥40 Samples/Month (Present / Absent)	More than 5% of monthly samples are positive	(0)	Highest percent of monthly samples positive was 0.40 %		2014	Naturally present in the environment
Disinfection Byproducts and Disinfectant Residuals (units)	Primary MCL (MRDL)	PHG (MRDLG)	Range of Detection	Average Level	Most Recent Sampling Date	Typical Source of Constituent
Bromate (µg/L)	10	0.1	4.4 - 13	7.8	2014	Byproduct of drinking water disinfection
Chloramines [as Cl2] (mg/L)	(4.0)	(4)	ND - 4.8	1.8	2014	Drinking water disinfectant added for treatment
HAA5 [Total of Five Haloacetic Acids] (µg/L)	60	n/a	ND - 37	29	2014	Byproduct of drinking water disinfection
THMs [Total of Four Trihalomethanes] (µg/L)	80	n/a	ND - 81	65	2014	Byproduct of drinking water disinfection
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 59 samples collected exceeded the action level.	0.3	2013	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

(a) Our water system treats your water by adding fluoride to the naturally occurring level to help prevent dental caries in consumers. State regulations require the fluoride levels in the treated water to be maintained within a range of 0.7-1.3 mg/L with an optimum dose of 0.8 mg/L.

(b) MCL is based on Gross Alpha minus Uranium. (c) CDPH considers 50 pCi/L to be the level of concern for beta particles. (d) MCL is based on combined Radium-226 + Radium-228.

ND = Not Detected CaCO3 = Calcium Carbonate

Source Water Assessment

GSWC conducted a source water assessment from 2002 through 2003 for each groundwater well serving the customers of its Southwest System.

The groundwater sources are considered most vulnerable to the following activities not associated with detected contaminants: active and historic gas stations, automobile body shops, chemical/petroleum processing/storage, confirmed leaking underground storage tanks, dry cleaners, electric/ electronic manufacturing, furniture repair/manufacturing, high-density septic systems, landfills/dumps, machine shops, metal plating/finishing/fabrication, other animal operations, photo processing/printing, plastics/synthetics producers, and sewer collection systems.

A copy of the assessment may be viewed at:

DDW Los Angeles District Office
500 N. Central Ave., Suite 500, Glendale, CA 91203

or

Golden State Water Company, Southwest Office
1600 West Redondo Beach Blvd., Suite 101, Gardena, CA 90247

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

DDW Los Angeles District Office at 1-818-551-2004

For more details, contact Alex Chakmak, Water Quality Engineer, at
1-800-999-4033.

In December 2002, the Metropolitan Water District of Southern California (MWD) completed a source water assessment of its Colorado River and State Water Project supplies.

Colorado River supplies are considered to be most vulnerable to the following:

- ▶ Increasing urbanization in the watershed
- ▶ Recreation
- ▶ Urban/storm water runoff
- ▶ Wastewater

State Water Project supplies are considered to be most vulnerable to the following:

- ▶ Agriculture
- ▶ Recreation
- ▶ Urban/storm water runoff
- ▶ Wastewater
- ▶ Wildlife

A copy of the assessment can be obtained by contacting MWD by phone at 1-213-217-6850, option 3.

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 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 www.epa.gov/safewater/lead.

Chloramination — The water purchased by GSWC from Metropolitan Water District of Southern California (MWD) 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.

Should you have any questions or concerns regarding chloramine in your water, please contact MWD at 1-213-217-6850, option 3.

Fluoridation — GSWC began adding fluoride to its treated water supply in March 2013. Fluoride has been added to the water that GSWC purchases from Metropolitan Water District of Southern California (MWD) since November 2007. Customers should see no difference in the taste, color or odor of their water as a result of fluoridation. Fluoridation does not change the way you normally use water for fish, pets, or cooking. Parents and guardians of children who receive fluoride supplements should consult the child's doctor or dentist. For information regarding fluoridation of your water, please contact us at 800-999-4033, or visit the Department of Drinking Water's fluoridation website at www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/Fluoridation.shtml.

Aluminum — The secondary MCL for aluminum is set for aesthetic reasons and there is no health concern associated with the aluminum levels in this water system.

Bromate — Some people who drink water containing bromate in excess of the MCL over many years may have an increased risk of getting cancer.

Odor and Color — The secondary MCLs for odor and color are set for aesthetic reasons and there are no health concerns associated with the odor or color levels in this water system.

Total Trihalomethanes (TTHMs) — Some people who drink water containing trihalomethanes in excess of the MCL over many years may experience liver, kidney, or central nervous system problems, and may have an increased risk of getting cancer.

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.

Unregulated Contaminant Monitoring — Monitoring for unregulated contaminants helps the USEPA and the DDW to determine where certain contaminants occur and whether the contaminants need to be regulated.

Citation — Failure to Collect a Triggered Source Monitoring Sample from a Representative Groundwater Source. Drinking water regulations require that each groundwater source is tested for E.coli whenever the presence of coliform bacteria is found in a routine distribution system sample. On November 11, 2014, two samples collected in the Southwest system detected the presence of coliform bacteria. All additional samples collected from the distribution system and groundwater sources tested as absent for coliforms, including E. coli. One groundwater well was offline when the follow up samples were collected. Since the source could not be sampled, we were required to notify DDW within 24 hours. A citation was issued because we failed to notify the DDW within 24 hours that the well sample could not be collected.

The system remained in compliance with the health-based total coliform rule standard. The groundwater source in question had been sampled eight days prior and tested absent for coliforms. It continues to be sampled monthly while in use. The citation was classified as a Tier 3 violation because this was a monitoring or reporting procedural violation.

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.

To be certain that tap water is safe to drink, the USEPA and the DDW prescribe regulations limiting the amount of contaminants in water provided by public water systems. United States Food and Drug Administration (USFDA) and DDW regulations also provide the same public health protection by establishing limits for contaminants in bottled water.

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