

BELLFLOWER HOME GARDEN WATER COMPANY
2023 CONSUMER CONFIDENCE REPORT

BELLFLOWER HOME GARDEN WATER COMPANY
17447 LAKEWOOD BOULEVARD
BELLFLOWER, CA 90706



Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien. Para obtener una copia en Español, llame a (562) 531-8586.

Daimntawv tshaj tawm no muaj lus tseemceeb txog koj cov dej haus. Tshab txhais nws, los yog tham nrog tej tug neeg uas totaub txog nws.

此份有关你的食水报告, 内有重要资料和信息, 请找他人为你翻译及解释清楚。

この情報は重要です。翻訳を依頼してください。

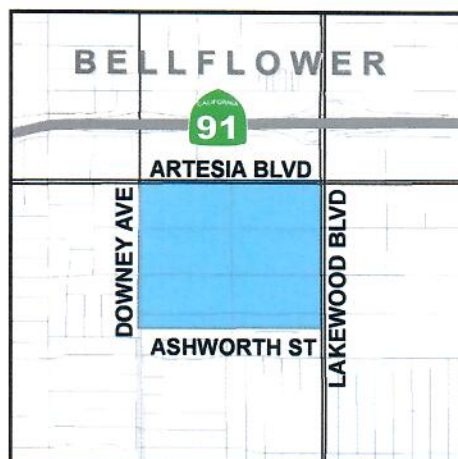
Chỉ tiết này thật quan trọng. Xin nhờ người dịch cho quý vị.

이 안내는 매우 중요합니다. 이 안내를 위해 번역인을 사용하십시오.

BELLFLOWER HOME GARDEN WATER COMPANY

2023 CONSUMER CONFIDENCE REPORT

Since 1991, California water utilities have been providing information on water served to its consumers. This report, prepared May 2024, is a snapshot of the tap water quality that we provided last year. Included are details about where your water comes from, how it is tested, what is in it, and how it compares with state and federal limits. We strive to keep you informed about the quality of your water, and to provide a reliable and economic supply that meets all regulatory requirements.



Where Does My Tap Water Come From?

Your tap water comes from ground-water sources pumped from local deep wells. We purchased all of our water from

Bellflower Somerset Mutual Water Company. These water sources, located in the Bellflower area, supply our service area shown on the adjacent map. The quality of our groundwater is presented in this report.

How is My Drinking Water Tested?

Your drinking water is tested regularly for unsafe levels of chemicals, radioactivity and bacteria at the source and in the distribution system. We test weekly, monthly, quarterly, annually or less often depending on the substance. State and federal laws allow us to test some substances less than once per year because their levels do not change frequently. All water quality tests are conducted by specially trained technicians in state-certified laboratories.

What Are Drinking Water Standards?

The U.S. Environmental Protection Agency (USEPA) limits the amount of certain substances allowed in tap water. In California, the State Water Resources Control Board (State Water Board) regulates tap water quality by enforcing limits that are at least as stringent as the Federal EPA's. Historically, California limits are more stringent than the Federal ones.

There are two types of these limits, known as standards. Primary standards protect you from substances that could potentially affect your health. Secondary

standards regulate substances that affect the aesthetic qualities of water. Regulations set a Maximum Contaminant Level (MCL) for each of the primary and secondary standards. The MCL is the highest level of a substance that is allowed in your drinking water.

Public Health Goals (PHGs) are set by the California Environmental Protection Agency. PHGs provide more information on the quality of drinking water to customers, and are similar to their federal counterparts, Maximum Contaminant Level Goals (MCLGs). PHGs and MCLGs are advisory levels that are non-enforceable. Both PHGs and MCLGs are concentrations of a substance below which there are no known or expected health risks.

How Do I Read the Water Quality Table?

Although we test for over 100 substances, regulations require us to report only those found in your water. The first column of the water quality table lists substances detected in your water. The next columns list the average concentration and range of concentrations found in your drinking water. Following are columns that list the MCL and PHG or MCLG, if appropriate. The last column describes the likely sources of these substances in drinking water.

To review the quality of your drinking water, compare the highest concentration and the MCL. Check for substances greater than the MCL. Exceedence of a primary MCL does not usually constitute an immediate health threat. Rather, it requires testing the source water more frequently for a short duration. If test results show that the water continues to exceed the MCL, the water must be treated to remove the substance, or the source must be removed from service.

Why Do I See So Much Coverage in the News About the Quality Of Tap Water?

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 ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- Microbial contaminants, including viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife;
- Inorganic contaminants, 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, which 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, that are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems;
- Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.

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

All drinking water, including bottled water, may reasonably be expected to contain at least 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 (1-800-426-4791). You can also get more information on tap water by logging on to these helpful web sites:

- <https://www.epa.gov/ground-water-and-drinking-water/safe-drinking-water-information>
(USEPA's web site)
- https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/Chemicalcontaminants.html
(State Board Water web site)

If present, elevated levels of lead can cause serious health problem, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Bellflower Home Garden 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 2 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 or at <http://www.epa.gov/lead>.

Should I Take Additional Precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. The USEPA/Centers for Disease Control guidelines on appropriate means to lessen the risk of infection of *Cryptosporidium* and other microbial contaminants are available from the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

Source Water Assessment

Bellflower Home Garden Water Company conducted an assessment of its groundwater supplies in 2003. Groundwater supplies are considered most vulnerable to historic gas stations. A copy of the approved assessment may be obtained by contacting the water company business office at 17447 Lakewood Blvd., Bellflower, CA 90706 or (562) 531-8586.

How Can I Participate in Decisions On Water Issues That Affect Me?

The public is welcome to attend Board meetings the first Monday or second Tuesday (subject to change) of every month at 6:00 p.m. Meetings held at 8761 Ramona Street, Bellflower, CA 90706. Meetings are conducted remotely using Zoom. Call office to confirm date and obtain meeting details.

How Do I Contact My Water Agency If I Have Any Questions About Water Quality?

If you have specific questions about your tap water quality, please contact Donald Kotas at (562) 755-5652.

Some Helpful Water Conservation Tips

- Fix leaky faucets in your home – save up to 20 gallons every day for every leak stopped
- Save between 15 and 50 gallons each time by only washing full loads of laundry
- Adjust your sprinklers so that water lands on your lawn/garden, not the sidewalk/driveway – save 500 gallons per month
- Visit <http://www.epa.gov/watersense> for more information.

LA COMPAÑÍA DE AGUA DE BELLFLOWER HOME GARDEN

INFORME DE CONFIANZA DE CONSUMIDOR de 2023

Desde 1991, las agencias proveedoras de recursos hidráulicos de California han emitido información sobre el agua que se provee al consumidor. Este informe, preparado en mayo de 2024, es una instantánea de la calidad del agua del grifo que proporcionamos el año pasado. Incluimos detalles sobre el origen del agua que toma, cómo se analiza, que contiene, y cómo se compara con los límites estatales y federales. Nos esforzamos por mantenerle informado sobre la calidad de su agua, y proveerle un abastecimiento confiable y económico que cumpla con todos los requisitos.



¿De Dónde Proviene el Agua que Tomo?

El agua del grifo viene del agua subterránea bombeada de pozos profundos locales.

Compramos el echar agua de Bellflower Somerset Compañía agua Mutua. La

calidad de nuestra agua subterránea es presentada en este informe.

¿Cómo Se Analiza Mi Agua Potable?

El agua que toma se analiza regularmente para asegurarnos de que no halla niveles altos de sustancias químicas, de radioactividad o de bacteria en el sistema de distribución y en las tomas de servicios. Estos análisis se llevan a cabo semanal, mensual, trimestral, y anualmente o con más frecuencia, dependiendo de la sustancia analizada. Bajo las leyes estatales y federales, se nos permite analizar algunas sustancias menos frecuentemente que los periodos anuales porque los resultados no cambian.

¿Cuales Son Los Estándares del Agua Potable?

La Agencia federal de Protección al Medio Ambiente (USEPA) impone los límites de las cantidades de ciertos contaminantes en el agua potable. En California, la Junta de Control de Recursos Hídricos del Estado (State Water Board) regula la calidad del agua de beber siguiendo normas que sean al menos tan estrictas como las normas federales. Historicamente, los estándares de California han sido más estrictos que los federales.

Hay dos tipos de límites conocidos como estándares. Los estándares primarios lo protegen de sustancias que potencialmente podrían afectar su salud. Las normas establecen los Niveles Contaminantes Máximos (MCL, en inglés) que se permite del contaminante primario o secundario en el agua de beber. Los abastecedores de agua deben asegurarse de que la calidad de esta cumpla con los Niveles Contaminantes Máximos (o MCLs, en inglés). No todas las sustancias tienen un Nivel Contaminante Máximo. El plomo y

el cobre, por ejemplo, son regulados, por cierto nivel de acción. Si cualquier sustancia química sobrepasa el nivel de acción, se dará la necesidad de un proceso de tratamiento para rebajar los niveles en el agua de beber. Los abastecedores de agua deben cumplir con los Niveles Contaminantes Máximos para asegurar la calidad del agua.

Las Metas para la Salud Pública (MSP [o PHGs, en inglés]) son establecidas por la agencia estatal de California-EPA. Las PHGs proveen más información con respecto a la calidad del agua, y son similares a los reglamentos federales nombrados Metas para Los Niveles de Contaminante *Maximos* (MNCM [o MCLGs, en inglés]). Las PHGs y MCLGs son metas a nivel recomendable. Las PHG y MCLG son ambas definidas como los niveles de contaminantes en el agua potable por debajo de los niveles donde no se esperan riesgos a la salud y no enforzables. Ambos niveles PHG y MCLG son concentraciones de una sustancia en las que no hay riesgos a la salud aún conocidos.

¿Cómo Interpreto Mi Informe de Calidad del Agua?

Aunque analizamos más de 100 sustancias, las normas nos requieren que reportemos solo aquellas que se encuentran en el agua. La primera columna en la tabla de la calidad de agua muestra la lista de las sustancias detectadas en el agua. La siguiente columna muestra la lista de la concentracion promedio y el rango de concentraciones que se hallan encontrado en el agua que usted toma. En seguida están las listas de el MCL, el PHG y el MCLG, si estos son apropiados. La última columna describe las probables fuentes u origen de las sustancias detectadas en el agua potable.

Para revisar la calidad de su agua de beber, compare los valores por encima del promedio, mínimos y máximos y el Nivel Contaminante Máximo. Revise todos los químicos que se encuentran por encima del Nivel Contaminante Máximo. Si los químicos sobrepasan el Nivel Contaminante Máximo no significa que sea detrimental a la salud de inmediato. Más bien, se requiere que se realicen análisis más frecuentemente en el abastecimiento del agua por un corto periodo. Si los resultados muestran sobrepasar el MCL, el agua debe ser tratada para remover esa sustancia, o el abastecimiento de esta debe decomisionarse.

¿Por Qué Hay Tanta Publicidad Sobre La Calidad Del Agua Potable?

Las fuentes del agua potable (de ambas agua de la llave y agua embotellada) incluye ríos, lagos, arroyos, lagunas, embalses, manantiales, y pozos. Al pasar el agua por la superficie de los suelos o por la tierra, se disuelven minerales que ocurren al natural, y en algunas ocasiones, material radioactivo, al igual que pueden levantar sustancias generadas por la presencia de animales o por actividades humanas.

Entre los contaminantes que pueden existir en las fuentes de agua se incluyen:

- Contaminantes microbiales como los virus y la bacteria, los que pueden venir de las plantas de tratamiento de aguas negras, de los sistemas sépticos, de las operaciones de ganadería, y de la vida salvaje;

- Contaminantes inorgánicos, como las sales y los metales, los cuales pueden ocurrir naturalmente o como resultado del desagüe pluvial, industrial, o de alcantarillado, producción de gas natural y petróleo, minas y agricultura;
- Pesticidas y herbicidas, los cuales pueden venir de varias fuentes tales como la agricultura, del desagüe pluvial, y de usos residenciales;
- Contaminantes de otras sustancias químicas orgánicas, incluyendo químicos orgánicos volátiles y sintéticos que son productos de procesos industriales y de la producción de petróleo, y que pueden provenir de las estaciones de gasolina, desagües pluviales urbanos, y agricultura aplicación y de sistemas sépticos;
- Contaminantes radioactivos, los cuales pueden ocurrir naturalmente o que pueden ser resultados de las actividades de la producción de gas natural y minería.

Con el fin de garantizar que el agua del grifo es segura para beber, la Agencia de los Estados Unidos de Protección Ambiental (EPA) y la Junta de Control de Recursos Hídricos del Estado (Consejo de Estado) prescriben regulaciones que limitan la cantidad de ciertos contaminantes en el agua suministrada por los sistemas públicos de agua. El Reglamento del Consejo de Estado también establecen límites de contaminantes en el agua embotellada que debe proporcionar la misma protección para la salud pública.

Toda el agua potable, incluyendo el agua embotellada, puede contener cantidades pequeñas de ciertos contaminantes. La presencia de contaminantes no necesariamente indica que haya algún riesgo de salud. Para más información acerca de contaminantes y riesgos a la salud favor de llamar a la USEPA encargada de proteger el agua potable al teléfono (1-800-426-4791). Usted puede obtener más información sobre el agua potable al conectarse al Internet en los siguientes domicilios:

- <https://www.epa.gov/ground-water-and-drinking-water/safe-drinking-water-information> (el sitio Web del USEPA)
- https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/Chemicalcontaminants.html (sitio Web de Bordo Estatal)

Si presente, los niveles elevados del plomo pueden causar el problema de salud serio, sobre todo para mujeres embarazadas y chiquitos. El plomo en el agua potable es principalmente de materiales y componentes asociados con líneas de servicios y a casa fontanería. La Compañía de Agua de Bellflower Home Garden es responsable de proporcionar el agua potable de alta calidad, pero no puede controlar la variedad de materiales usados en la fontanería de componentes. Cuando su agua ha estado sentándose durante varias horas, usted puede minimizar el potencial para la exposición de plomo limpiando con agua su grifo durante 30 segundos a 2 minutos antes de usar el agua para beber o cocinarse. Si usted está preocupado por el plomo en su agua, usted puede desear hacer probar su agua. La información en el plomo en el agua potable, probando métodos, y pasos que usted puede tomar para minimizar la exposición está disponible de la Línea directa de Agua Potable Segura o en <http://www.epa.gov/lead>.

¿Debería Tomar Otras Precauciones?

Algunas personas pueden ser más vulnerables a los contaminantes en el agua potable que el público en general.

Las personas que tienen problemas inmunológicos, o sea esas personas que estén en tratamiento por medio de quimioterapia cancerosa; personas que tienen órganos transplantados, o personas con SIDA o desórdenes inmunológicos, personas de edad avanzada, y los bebés que son particularmente susceptibles a ciertas infecciones. Estas personas deben de consultar a sus proveedores de salud médica. Las guías de la USEPA/Centros de Control de Enfermedades aconsejan cómo disminuir los riesgos para prevenir la infección de *Cryptosporidium* y otros contaminantes microbiales están disponibles por teléfono de la USEPA encargada de proteger el agua potable al teléfono (1-800-426-4791).

Valoración de su Abastecimiento de Agua

La compañía de agua de Bellflower Home Garden condujo una valoración de su abastecimiento de aguas subterráneas en el 2003. El abastecimiento de aguas subterráneas es considerado más vulnerable a estaciones históricas de gasolina. Una copia del informe de evaluación pueden obtenerse poniéndose en contacto con la compañía de agua oficina al 17447 Lakewood Blvd. Bellflower, CA 90706, (562) 531-8586.

¿Cómo Puedo Participar en las Decisiones Sobre Asuntos Acerca del Agua Que Me Puedan Afectar ?

El público puede asistir a las reuniones de la Junta el primer lunes o el segundo martes (sujeto a cambios) de cada mes a las 6:00 p. m. Las reuniones se llevan a cabo en 8761 Ramona Street, Bellflower, CA 90706. Las reuniones se llevan a cabo de forma remota mediante Zoom. Llame a la oficina para confirmar la fecha y obtener detalles de la reunión.

¿Cómo Me Pongo En Contacto Con Mi Agencia del Agua Si Tengo Preguntas Sobre La Calidad Del Agua?

Si usted tiene preguntas específicas sobre la calidad del agua potable, por favor, póngase en contacto con Donald Kotas al 562-755-5652.

Algunas extremidades provechosas de la conservación del agua

- Arreglar los grifos que gotean en su hogar - excepto hasta 20 galones cada día por cada detenido de fugas
- Guardar entre 15 y 50 galones por cada vez que el lavado sólo cargas completas de ropa
- Ajuste sus regaderas de modo que el agua caiga en su césped / jardín, no la acera / calzada - excepto 500 galones por mes
- Visite <http://www.epa.gov/watersense> para obtener más información.

PRIMARY STANDARDS MONITORED IN THE DISTRIBUTION SYSTEM - MANDATED FOR PUBLIC HEALTH									
MICROBIALS		DISTRIBUTION SYSTEM			PRIMARY		MCLG		
		AVERAGE POSITIVE	RANGE POSITIVE		MCL	or PHG			
Total Coliform Bacteria		0	0		5%	0%		Naturally present in the environment	
Fecal Coliform and E.Coli Bacteria		0	0		0%	0%		Human and animal fecal waste	
No. of Acute Violations		0	0		-	-			
MICROBIALS		DISTRIBUTION SYSTEM			PRIMARY		MCLG		
		AVERAGE	RANGE						
Turbidity (NTU)		0.18	0.0 - 0.7		TT = 1 NTU		-		Soil runoff
DISINFECTION BY-PRODUCTS (d) AND DISINFECTION RESIDUALS		DISTRIBUTION SYSTEM			PRIMARY		MCLG		
		AVERAGE	RANGE		MCL	or PHG			
Trihalomethanes-TTHMS (µg/l)		2.2	1.4 - 2.5		80	-		By-product of drinking water chlorination	
Haloacetic Acids - HAA5 (µg/l)		ND	ND		60	-		By-product of drinking water disinfection	
Total Chlorine Residual (mg/l)		1.1	0.58 - 1.47		4.0 (e)		4.0 (f)		Drinking water disinfectant added for treatment
AT THE TAP		DISTRIBUTION SYSTEM			PRIMARY		MCLG		
		90%ile	# OF SITES ABOVE THE ACTION LEVEL		MCL	or PHG			
10 sites sampled in 2022									
Copper (mg/l)		0.52 (g)	0		1.3 AL		0.3 (c)		Internal corrosion of household plumbing, erosion of natural deposits
Lead (µg/l)		0.83 (g)	0		15 AL		0.2 (e)		Internal corrosion of household plumbing, industrial manufacturer discharges

SECONDARY STANDARDS MONITORED AT THE SOURCE FOR AESTHETIC PURPOSES

Sampled in 2021-2023 (b)	GROUNDWATER		SECONDARY MCL	PHG or (MCLG)
	AVERAGE	RANGE		
Aggressiveness Index (corrosivity)	12.4	12.2 - 12.5	Non-corrosive	-
Chloride (mg/l)	37.8	28.0 - 48.0	500	-
Color (color units)	ND	ND	15	-
Iron (ug/l)	ND	ND	300	-
Specific Conductance (uS/cm)	606	570 - 680	1,600	-
Manganese (ug/l)	12.3	ND - 21	50	-
Odor (threshold odor number)	ND	ND	3	-
Sulfate (mg/l)	80.6	64.0 - 99.0	500	-
Total Dissolved Solids (mg/l)	376	340.0 - 430.0	1,000	-
Turbidity (NTU)	0.1	ND - 0.15	5	-

SECONDARY STANDARDS MONITORED IN THE DISTRIBUTION SYSTEM FOR AESTHETIC PURPOSES

GENERAL PHYSICAL CONSTITUENTS	DISTRIBUTION SYSTEM		SECONDARY MCL	PHG or (MCLG)
	AVERAGE	RANGE		
Color (color units)	ND	ND	15	-
Odor (threshold odor number)	ND	ND	3	-

ADDITIONAL CHEMICALS OF INTEREST

Sampled in 2021-2023 (b)	GROUNDWATER	
	AVERAGE	RANGE
Total Alkalinity (mg/l)	200.0	180 - 220
Calcium (mg/l)	78.4	70.7 - 88.0
1,4-Dioxane (ug/l) (f)	1.7	0.99 - 2.1
Magnesium (mg/l)	13.6	11.0 - 16.0
pH (standard unit)	7.8	7.7 - 7.9
Potassium (mg/l)	3.4	3.1 - 3.7
Sodium (mg/l) (MCL=None)	28.6	25 - 34
Total Hardness (mg/l) (MCL=None)	250.2	220 - 280
Perfluorooctanoic Acid (PFOS) (ng/L) (MRL=0.004 ug/l) (NL=5.1 ng/L)	2.9	2.1 - 3.5
EPA METHOD 533 (f)		
Perfluorooctanesulfonic Acid (PFOS) (ng/L) (MRL=0.004 ug/l) (NL=6.5 ng/L)	14.8	11.0 - 17.0
EPA METHOD 533 (f)		
Perfluorohexane Sulfonic Acid (PFHxS) (ng/L) (MRL=0.003 ug/l) (NL=3 ng/L)	2.8	ND - 4.1
EPA METHOD 533 (f)		

FOOTNOTES

- Over 50 regulated and unregulated organic chemicals were analyzed. None were detected at or above the reporting limit in groundwater or surface water sources.
- Indicates dates sampled for groundwater sources only.
- California Public Health Goal (PHG). Other advisory levels listed in this column are federal Maximum Contaminant Level Goals (MCLGs).
- Running annual average used to calculate average, range, and MCL compliance.
- Maximum Residual Disinfectant Level (MRDL)
- Maximum Residual Disinfectant Level Goal (MRDLG)
- 90th percentile from the most recent sampling at selected customer taps.
- Combined Radium 226 + Radium 228 has a Maximum Contaminant Level (MCL) of 5 pCi/L.
- 1,4-Dioxane is considered an emerging contaminant that is unregulated and thus has no MCL. Requirements and recommendations apply when certain levels, such as Notification Level (NL) and Response Level (RL), are reached. The NL is 1 µg/L, while the RL is 35 µg/L. 1,4-Dioxane was detected above the NL in several wells in 2023 and therefore, is included in this CCR. The detections have not been above the RL. If the RL is ever reached, we may be required to remove the source of the water from service. 1,4-Dioxane is reasonably anticipated to be a human carcinogen if above average amounts of water which contain it are consumed over many years.

(j) Notification of PFOA/PFOS: PFOA and PFOS are manmade fluorinated organic chemicals that are part of a larger group of chemicals referred to as per- and poly-fluoroalkyl substances (PFASs). These substances have been synthesized for water and lipid resistance and have been used extensively in consumer products such as carpets, clothing, fabrics for furniture, paper packaging for food, and other materials (e.g., cookware) designed to be waterproof, stain-resistant or non-slick. In addition, they have been used in fire-retarding foam and various industrial processes. The U.S. EPA has not established enforceable drinking water standards, called maximum contaminant levels, for these chemicals. In May 2016, the United States Environmental Protection Agency (U.S. EPA) issued a lifetime health advisory for PFOS and PFOA for drinking water, advising municipalities that they should notify their customers of the presence of levels over 70 parts per trillion (ppt) or nanograms per liter (ng/L) in community water supplies. In August 2019, State Water Resources Control Board, Division of Drinking Water (DDW), revised the notification levels to 6.5 ppt for PFOS and 5.1 ppt for PFOA. The single health advisory response level (for the combined values of PFOS and PFOA) remained at 70 ppt. Perfluorobutane sulfonic acid (PFBS) has a notification level of 500 ng/L (ppt). PFHxS - Perfluorohexane Sulfonic Acid is part of the group of Perfluorochemicals (PFCs). On February 6, 2020, DDW issued updated drinking water response levels of 10 ppt for PFOA and 40 ppt for PFOS based on a running four-quarter average. On October 31, 2022, DDW issued a drinking water notification level and response level of 3 parts per trillion (ppt) and 20 ppt, respectively for perfluorohexane sulfonic acid (PFHxS). Exposure to PFOA and PFOS over certain levels may result in adverse health effects, including developmental effects to fetuses during pregnancy or to breastfed infants (e.g., low birth weight, accelerated puberty, skeletal variations), cancer (e.g., testicular, kidney), liver effects (e.g., tissue damage), immune effects (e.g., antibody production and immunity), thyroid effects and other effects (e.g., cholesterol changes). Perfluorooctanoic acid (PFOA) exposures resulted in increased liver weight and cancer in laboratory animals. Perfluorooctanesulfonic acid (PFOS) exposures resulted in immune suppression and cancer in laboratory animals. Perfluorohexane Sulfonic Acid (PFHxS) exposures resulted in decreased total thyroid hormone in male rats. PFHxS is part of the group of Perfluorochemicals (PFCs). PFHxS, PFOS and PFOA share similar chemical structure and uses (i.e., surface treatment agents for textiles, paper, and furniture etc. for its excellent waterproofing and oil-resistance performance). PFHxS have been detected in endangered species and the human blood of the general population. For information on PFOA, PFOS, and other PFAS, including possible health outcomes, you may visit these websites: <https://www.epa.gov/pfas>.

ABBREVIATIONS

< = less than	NL = Notification Level
mg/l = milligrams per liter or parts per million (equivalent to 1 drop in 42 gallons)	NA = constituent not analyzed
NTU = nephelometric turbidity units	ng/l = nanograms per liter or parts per billion (equivalent to 1 drop in 42,000,000 gallons)
SI = saturation index	µg/l = micrograms per liter or parts per billion (equivalent to 1 drop in 42,000 gallons)

DEFINITIONS

feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency (USEPA).

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a 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. MRDLGs are set by the U.S. Environmental Protection Agency (USEPA).

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

Treatment Techniques (TT): A required process intended to reduce the level of a contaminant in drinking water.

Regulatory Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Primary Drinking Water Standard (PDWS): MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Secondary Drinking Water Standard (SDWS): MCLs and MRDLs for contaminants that affect the aesthetic qualities (taste, odor, or appearance) of drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.

Variances & Exemptions: Department permission to exceed an MCL or not comply with a treatment technique under certain conditions.