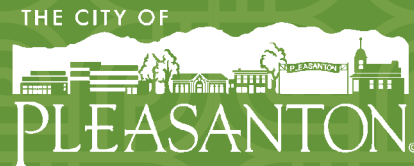
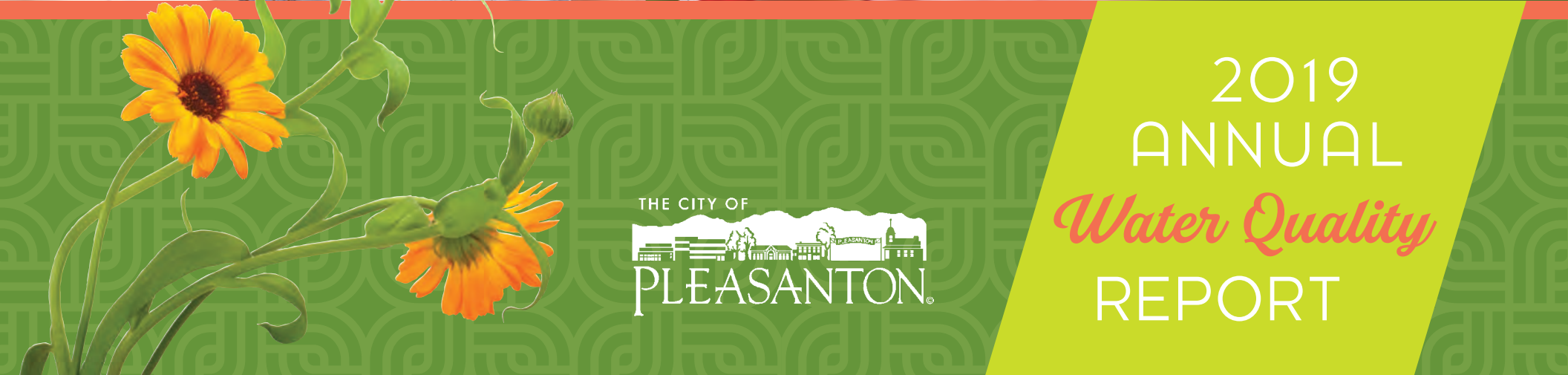


# *Water Quality* IS OUR TOP PRIORITY



The City of Pleasanton is pleased to distribute this report to its water customers. It provides important information about where your water comes from and the work we perform each day to assure the water delivered to your tap is safe to drink. It also provides data about what is in your water and how water quality tests on your drinking water compare to Federal and State drinking water standards during calendar year 2019.



## 2019 ANNUAL *Water Quality* REPORT

# 1.

## YOUR WATER MEETS ALL SAFE DRINKING WATER STANDARDS

The technical and analytical water quality information presented in this report is required by State health regulations. These regulations require water suppliers to inform customers about where their water comes from, what is in their water, and any violation of safe drinking water standards that may have occurred during this past reporting period. This report provides results of all tests required to be performed on Pleasanton's water supplies during 2019. We are happy to report that all 2019 water quality tests confirmed that water delivered to your tap met all applicable regulated Federal and State drinking water standards without any violations.

This report also includes information regarding steps taken by the City and Zone 7 Water Agency to improve drinking water delivered to customers in 2019, and opportunities for the public to participate in decisions that affect their drinking water quality. Phone numbers and web page addresses of the City and other public agencies responsible for water billing, delivery, supply, and water quality are also presented herein. This report contains important information about your drinking water. Translate it, or speak with someone who understands it.

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

Este informe contiene informacion muy importante sobre su agua beber. Traduzcalo o hable con alguien que lo entienda bien.

此份有關你的食水報告,內有重要資料和訊息,請找他人為你翻譯及解釋清楚。

यह सूचना महत्वपूर्ण है ।  
कृपा करके किसी से :सका अनुवाद करायें ।

이 안내는 매우 중요합니다.  
본인을 위해 번역인을 사용하십시오.

Mahalaga ang impormasyong ito. Mangyaring ipasalin ito.



### Included in this report:

1. Your Water Meets All Safe Drinking Water Standards
2. Lead in Drinking Water
3. Pleasanton's Water Sources
4. Pleasanton's Water Quality Goals
5. Chemicals & Minerals in Water
6. Definition of Terms
7. Understanding the Summary
8. 2019 Water Quality Results
9. Water Conservation Tips, Programs and Rebates
10. Public Involvement

## 2.

The 2019 City of Pleasanton Annual Water Quality Report explains where your water comes from and the process to ensure the water delivered to you meets all the regulated Federal and State drinking water guidelines.

### LEAD IN DRINKING WATER

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. City of Pleasanton is responsible for providing high quality drinking water, but we 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 [www.epa.gov/safewater/lead](http://www.epa.gov/safewater/lead).

Lead can enter drinking water when service pipes, fittings, fixtures, solder and flux that contain lead corrode by a chemical reaction with the water, especially where the water has high acidity or low mineral content. The most common problem is with brass or chrome plated brass

faucets and fixtures with lead solder, from which significant amounts of lead can enter into the water, especially with hot water.

To address corrosion of lead and copper into drinking water, the Environmental Protection Agency (EPA) issued the Lead and Copper Rule (LCR) under the authority of the Safe Drinking Water Act of 1974 (SDWA). The LCR contains all of the regulatory requirements for monitoring, tracking, treatment and reporting to prevent lead and copper from contaminating drinking water.

The City of Pleasanton tests between 30 and 60 single family homes built between 1982 and 1986 (Congress banned lead solder in 1986) once every 3 years to comply with the EPA Lead and Copper Rule. Pleasanton source water is also analyzed for lead and copper on a regular schedule specified by the State Water Resources Control Board (State Board). The most recent sample results are included on the 2019 Water Quality Results table in section 8 of this report.

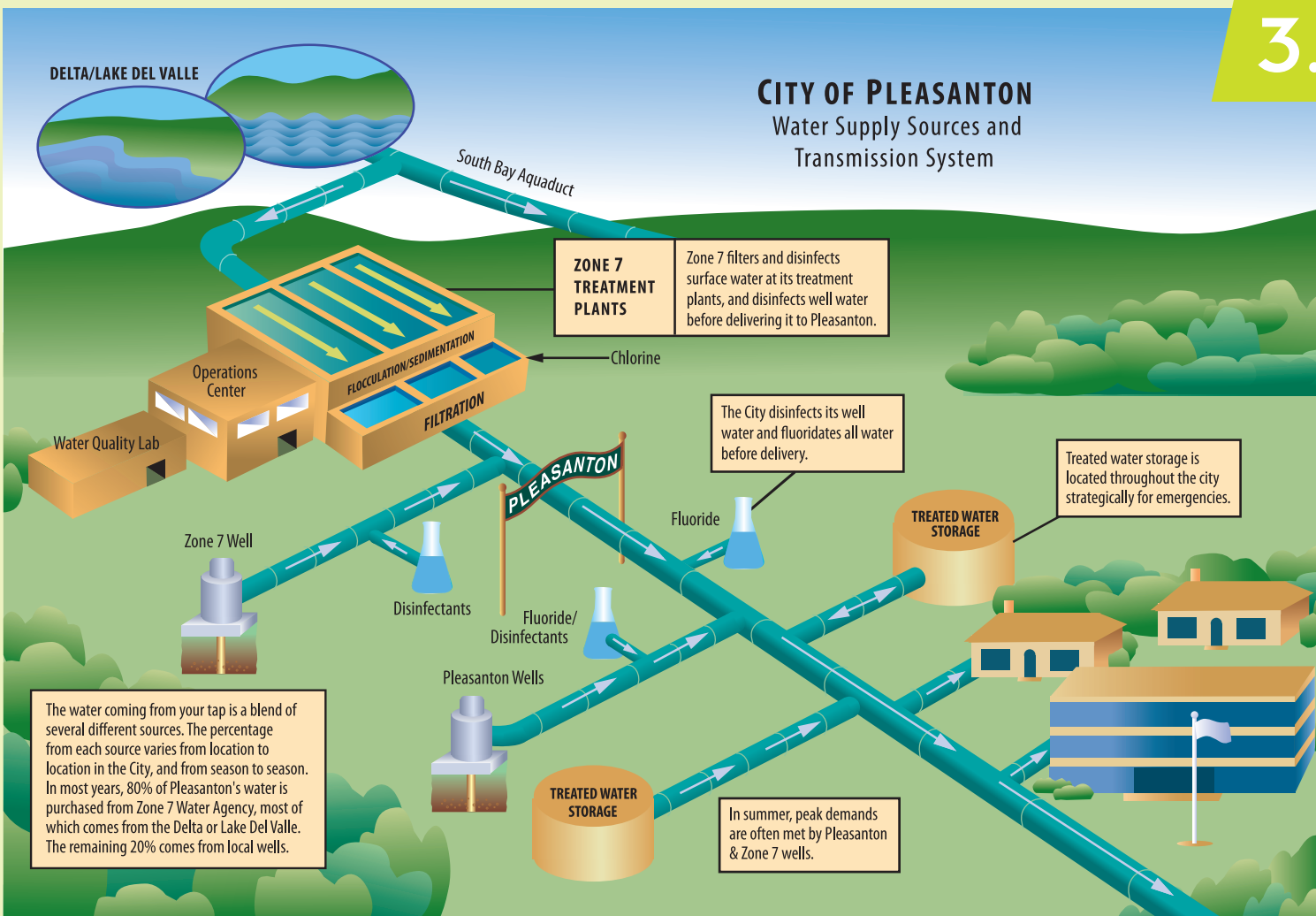


For more general information about Lead in Drinking Water and the Environment, please visit the EPA website: [www.epa.gov/lead](http://www.epa.gov/lead)

# 3.

## PLEASANTON'S WATER SOURCES

Zone 7 Water Agency, the Valley's water wholesaler, provides wholesale treated water to four major Valley water retailers, delivers untreated water to a number of agricultural customers, and monitors flood control measures and coordinates groundwater management resources in the Tri-Valley area. Approximately 80% of Pleasanton's water is purchased from Zone 7 and is comprised of treated surface water blended with some local groundwater. The remaining 20% comes from local groundwater pumped from wells owned and operated by the City of Pleasanton. All water sources are disinfected and fluoridated before delivery to our customers.



### Imported Surface Water

The State Water Project (SWP) delivers water to Zone 7. The SWP water originates from the Feather River watershed, where it is stored behind the Oroville Dam before being released into the Sacramento River/San Joaquin Delta. This water is pumped from the Delta by the Department of Water Resources (DWR) to the South Bay Aqueduct (SBA) system, which then flows to the Tri-Valley area. The SBA continues through Alameda County and into Santa Clara County.

### Local Surface Water

Lake Del Valle, our local water storage reservoir, is operated and maintained by the DWR as a water supply reservoir, local flood control resource and recreation area. The water stored at Lake Del Valle comes from local rainfall and from the SWP. Water from Zone 7's two surface treatment plants (Del Valle and Patterson Pass) undergoes several stages of treatment in order to comply with the State Water Resources Control Board (State Board), Division of Drinking Water.

### Local Groundwater

Groundwater comes from wells and springs. Both the City and Zone 7 use the local groundwater to increase the volume of drinking water available, especially during the hot summer months, when demand for water rises. On any given summer day, over half of the water being delivered in the City may be groundwater. In August 2009, Zone 7 began operating a demineralization plant that will help soften a portion of the groundwater delivered to certain parts of our service area.

## 4. PLEASANTON'S WATER QUALITY GOALS

The City's goal is to continuously provide a dependable supply of high quality drinking water to its customers. If you have questions regarding the quality of the water supplied to you by the City, this report should provide most of the answers. We appreciate the time you take to read this report and welcome any additional questions or comments you may have regarding your water supply. For further information on Pleasanton's water quality or water supplies, call the City's Water Quality Lab at 925-931-5510, or email your questions to us at [osd@cityofpleasantonca.gov](mailto:osd@cityofpleasantonca.gov).

### ***Important Health Information***

The City's goal is to continuously provide a dependable supply of high quality drinking water to its customers. To accomplish this, the treated surface water delivered to customers is continuously monitored at Zone 7's two local water treatment plants. These plants also perform specific chemical and biological tests every four hours to check the purification process. All groundwater sources comply with State Board testing regulations. In addition, there are 48 sampling points located throughout the City's water distribution system that are monitored and tested daily, weekly and monthly by the City, to assure your drinking water continuously complies with all regulated Federal and State drinking water standards. If you have questions regarding the quality of the water supplied to you by the City, this report should provide most of the answers. We appreciate the time you take to read this report and welcome any additional questions or comments you may have regarding your water supply. For further information on Pleasanton's water quality or water supplies, call the City's Water Quality Lab at 925-931-5510, or email your questions to us at [osd@cityofpleasantonca.gov](mailto:osd@cityofpleasantonca.gov).

## 5. CHEMICALS AND MINERALS IN WATER

The sources of drinking water (both tap and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Drinking water, including bottled waters, 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 Safe Drinking Water Hotline at 800-426-4791. The disinfectant, Chloramine (a combination of chlorine and ammonia), is used to disinfect both Zone 7 and the City's water. This disinfectant is utilized to protect public health by destroying disease-causing organisms that may be present in water supplies. Chloramines, at the low levels used, will not cause any health problems for the general public. However, aquarium owners and home dialysis patients must take special precautions before chloraminated water can be used in aquariums or home kidney dialysis machines, due to the very small amount of ammonia present in the water.



# 6.

## DEFINITION OF TERMS

The following terms are used in the water industry to define contaminant levels. Pleasanton's drinking water is tested at the levels in the table in section 8.

**AL – Action Level:** The concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.

**MCL – Maximum Contaminant Level:** The highest level of a contaminant that is allowed in drinking water.

**MCLG – Maximum Contaminant Level Goal:** The level of contaminant below which there is no known or expected risk to health—set by the USEPA.

**MRDL – Maximum Residual Disinfectant Level:** The highest level of a disinfectant that is allowed in drinking water.

**MRL – Minimum Reporting Level:** The minimum level of contaminate that is allowed in drinking water.

**MRDLG – Maximum Residual Disinfectant Level Goal:** The level of a disinfectant below which there is no known or expected risk to health.

**NA – Not Applicable**

**ND – Not Detected:** Concentration not found above Minimum Reporting Limit (MRL) or Detection Limit for Purpose of Reporting (DLR) set by the State Board.

**PHG – Public Health Goal:** 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 EPA.

**TT – Treatment Technique:** A required process for reducing contaminant levels. Turbidity – A measure of the cloudiness of the water. Turbidity levels are a good indicator of the effectiveness of the treatment plant's filtration system.

### Table Units

mg/L	Milligrams per Liter or parts per million
µg/L	Micrograms per Liter or parts per billion
µS/cm	Microsiemens per Centimeter
NTU	Nephelometric Turbidity Unit

### ***The following contaminants may also be found in drinking water:***

**TTHMs (Total Trihalomethanes):** TTHMs are by-products of drinking water disinfected with chlorine compounds. Some people who use water containing TTHMs 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. In 2019, the Locational Running Annual Average (LRAA) of Pleasanton's designated sample locations in the distribution system were under the MCL of 80 parts per billion (ppb).

**MTBE (Methyl Tertiary Butyl Ether):** Pleasanton's well water sources were monitored for MTBE in 2018, and it was not detected (next monitoring in 2020). MTBE was not detected in any of Zone 7's sources in the past year. The current detection limit for reporting purposes is 3 ppb.

**Nitrate:** If found in drinking water at levels above 10 mg/L is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in a serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 10 mg/L may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with certain specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask advice from your health care provider.



# 7.

## UNDERSTANDING THE SUMMARY

Primary Drinking Water Standards (PDWS) are set after considerable research and data have been analyzed by health experts. These standards, called Maximum Contaminant Levels (MCLs) are set by USEPA and strictly enforced by the State Water Resources Control Board (State Board), Division of Drinking Water. Primary MCLs are set as close to the Public Health Goals (PHGs) (or Maximum Contaminant Level Goals–MCLGs) as is economically and technologically feasible.

Secondary Standards are based upon qualities of water such as taste, odor, color or clarity of the water. These standards, called Secondary Maximum Contaminant Levels (SMCLs) set limits on substances that may influence customer-acceptance of the water and are established by the State Board.

Detected Contaminants: The chemical table shows the level of each detected regulated contaminant, the average level of each detected contaminant (Average), and, if more than one sample was collected, the range of levels found during the 2019 calendar year (Range).

In addition to the regulated contaminants, Zone 7 and the City monitor additional “unregulated contaminants” as required. Unregulated contaminant monitoring helps EPA and State Board to determine where certain contaminants occur and whether the contaminants need to be regulated in the future.

In order to ensure that tap water is safe to drink, USEPA and the State Board prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The limits for contaminants in bottled water provide the same level of protection.

Contaminants that may be present in source water include the following: microbial contaminants, such as viruses and bacteria, may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

Inorganic contaminants, such as salts and metals, can be naturally occurring or result from urban storm water runoff,

industrial or domestic wastewater discharges, oil and gas production, mining, or farming.

Pesticides and herbicides may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.

Organic chemical contaminants, including synthetic and volatile organic chemicals, are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems.

Radioactive contaminants can be naturally occurring or be the result of oil and gas production and mining activities.

Pleasanton sampling frequency meets, and for some parameters, is more frequent than State Board requirements. The State Board allows monitoring for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Hence, some of our data, though representative, may have been sampled prior to 2019.

A Drinking Water Source Assessment and Protection Program (DWSAP) was conducted for the City of Pleasanton Wells #5, #6 and #8 in December 2002. No contaminants have been detected in the City’s groundwater supply. However, all groundwater sources are considered vulnerable to activities located near the drinking water supply source. DWSAP is updated whenever new water sources are added.

A completed copy of the assessment may be viewed at the City Water Quality Laboratory, 3333 Busch Road, Pleasanton, CA 94566. You may request a summary of the assessment be sent to you by calling 925-931-5500.



# 8. 2019 WATER QUALITY RESULTS

The following is a list of contaminants that may be found in drinking water and their sources. Also included in the table below is a summary of all chemical analyses required by the USEPA and the State Board for Pleasanton's water supply during calendar year 2019<sup>1</sup>.

Primary Standards—Mandatory health-related standards established by the State Water Resources Control Board (State Board) Division of Drinking Water (DDW)									
WATER SUPPLY SOURCES			ZONE 7 WATER AGENCY <sup>2</sup>				CITY OF PLEASANTON <sup>3</sup>		
Contaminants (units)	MCL	PHG MCLG*	Treated Surface Water		Groundwater <sup>6</sup>		Groundwater		Sources
Turbidity (NTU)	TT=1 NTU Maximum TT=95% of Samples ≤ 0.3 NTU	NA	Highest Level Found=0.21 NTU % of samples ≤ 0.3 NTU=100		Not Applicable		Not Applicable		Soil runoff Soil runoff
Total Organic Carbon	TT=Quarterly RAA Removal Ratio ≥ 1.0	NA	Lowest Quarterly RAA Ratio=2.0		Not Applicable		Not Applicable		Runoff/leaching from natural deposits
<b>Inorganic Chemicals</b>									
			Average	Range	Average	Range	Average	Range	
Barium (µg/L)	1000	2000	ND	ND	164	ND-390	277	180-330	Erosion of natural deposits
Chromium Total (µg/L)	50	100*	ND	ND	ND	ND-16	ND	ND	Erosion of natural deposits
Selenium (µg/L)	50	30	ND	ND	1.2	ND-9.5	ND	ND	Erosion of natural deposits
Fluoride (mg/L) (Naturally Occurring)	2	1	ND	ND-0.1	0	ND-0.1	ND	ND-0.12	Erosion of natural deposits
Nitrate (as N) (mg/L)	10	10	ND	ND-1.3	2.9	0.8-5.1	2.2	1.4-2.7	Erosion of natural deposits
<b>Radionuclides</b>									
Uranium (pCi/L)	20	0.43	ND	ND	1.4	ND-4	ND	ND-1.9	Erosion of natural deposits
<b>Regulated Contaminants with Secondary MCLs, established by the State Board DDW</b>									
Color	15	—	ND	ND	0	0	2	ND-5	Naturally occurring organic materials Substances that form ions in water
Conductivity (µS/cm)	1600	—	345	212-782	933	372-1501	1028	840-1200	
Chloride (mg/L)	500	—	60	29-170	101	40-200	115	76-140	Runoff/leaching from natural deposits
Sulfate (mg/L)	500	—	18	8-47	64	22-129	62	45-72	Runoff/leaching from natural deposits
Total Dissolved Solids (mg/L)	1000	—	184	103-439	560	208-940	680	450-830	Runoff/leaching from natural deposits
Turbidity (NTU)	5	—	NA	NA	0.1	ND-1.1	0.16	0.09-3.30	Soil runoff
<b>Additional Parameters, included to assist consumers in making health or economic decisions, i.e. low sodium diet, water softening, etc.</b>									
Alkalinity (as CaCO <sub>3</sub> ) (mg/L)	—	—	60	35-90	281	101-424	309	250-380	Runoff/leaching from natural deposits
Boron (µg/L)	—	—	60	ND-130	766	210-1560	NA	NA	Runoff/leaching from natural deposits
Hardness (as CaCO <sub>3</sub> ) (mg/L)	—	—	72	36-127	350	87-572	452	316-529	Runoff/leaching from natural deposits
Potassium (mg/L)	—	—	2	1-5	2.2	1-4	NA	NA	Runoff/leaching from natural deposits
Sodium (mg/L)	—	—	43	25-104	68	27-140	54	38-64	Runoff/leaching from natural deposits
pH (Units)	—	—	8.5	7.3-9.0	7.5	7.2-8.8	7.2	7.1-7.6	Runoff/leaching from natural deposits
Silica (mg/L)	—	—	9	5-16	22	19-29	NA	NA	Runoff/leaching from natural deposits

<sup>1</sup> Pleasanton and Zone 7 also test for a number of additional constituents in the water supply sources. Test results for all of these constituents were non-detected and therefore not included in the table. A complete list of all constituents tested during 2019 is available upon request. <sup>2</sup> Zone 7 Water Agency supplies surface and groundwater to the City of Pleasanton. For more information regarding this source, call 925-447-0533. <sup>3</sup> The City of Pleasanton owns and operates three groundwater wells for drinking water purposes. For more information on this source, please call 925-931-5510. <sup>4</sup> Tested every 3 years; next scheduled testing in September 2022. Number of schools requesting lead sampling in 2018 (15). <sup>5</sup> The City treats the water delivered to your tap by adding fluoride to the naturally occurring level in order to help prevent dental caries in consumers. The fluoride levels in the treated water are maintained within a range of 0.6 to 1.2 ppm, as required by the State Board regulations. <sup>6</sup> Zone 7 Groundwater includes Zone 7 demineralization plant water.

DISTRIBUTION SYSTEM SAMPLING RESULTS—Disinfection by-products, disinfectant residuals, fluoridation						
Contaminants (units)	MCL	PHG MCLG* MRDLG**	City of Pleasanton <sup>3</sup>		Sources	
			Highest Locational Running Annual Average	Range of Individual Samples Collected in 2018		
Total Trihalomethanes (TTHMs) (µg/L)	80	NA	45	ND-59	By-product of drinking water chlorination	
Haloacetic Acids (HAAs) (µg/L)	60	NA	18	ND-27	By-product of drinking water chlorination	
			Highest % of Monthly Positive Samples			
Total Coliform Bacteria	More than 5% of monthly samples are positive	0	0%		Naturally present in the environment	
			Running Annual Average (RAA)	Range of Monthly Average		
Chloramines as Chlorine (mg/L)	Maximum Residual Disinfectant Level (MRDL)=4.0	4**	1.76	1.43-2.01	Drinking water disinfectant added for treatment	
Fluoride (mg/L) <sup>5</sup>	2	1	0.73	0.58-0.96	Water additive that promotes strong teeth	
<b>EPA/State Lead Copper Rule—Monitored at Customers Tap—2019<sup>4</sup></b>						
			No. Collected	90th Percentile	No. of Samples > Action Level	
EPA Lead Study (µg/L)	AL = 15	0.2	58	0	1	Internal corrosion of household plumbing
EPA Copper Study (mg/L)	AL = 1.3	0.3	58	0.65	1	Internal corrosion of household plumbing

In an effort to reduce outdoor water use, many homeowners across California are choosing to replace turf with California native and water-wise landscaping. Water-wise landscapes are beautiful, colorful and low-maintenance not to mention attractive to pollinators and beneficial insects, which help natural ecosystems thrive. Visit Save Our Water ([www.saveourwaterrebates.com](http://www.saveourwaterrebates.com)) for turf rebate information.



Water-wise, California native wildflowers thrive in this Pleasanton garden. Photo courtesy of June Wong.



# 8.

## PFOS AND PFOA DETECTION IN GROUNDWATER

PFOS (perfluorooctanesulfonic acid) and PFOA (perfluorooctanoic acid) are fluorinated organic chemicals that are part of a larger group of chemicals referred to as PFAS (per- and poly-fluoroalkyl substances). These manmade substances have been used extensively since the 1940s in consumer products designed to be waterproof, stain-resistant, or non-stick. In addition, they have been used in fire-retarding foam and various industrial processes. PFOA and PFOS are two of the most widely studied of the more than 6,000 PFAS chemical compounds.

PFOS and PFOA are currently not a regulated contaminant in California. However, beginning in the second quarter of 2019, DDW required some water systems to begin quarterly testing for PFAS contaminants. This order required both the City of Pleasanton and Zone 7 Water Agency to begin quarterly PFAS

testing. In addition, in August 2019, California DDW reduced the Notification Level (NL) of 13 parts per trillion (ppt) to 6.5 ppt for PFOS and reduced the NL from 14 ppt to 5.1 ppt for PFOA. In 2019, the recommended Response Level (RL) was a combined total of 70 ppt PFOS and PFOA in drinking water. Effective February 2020, the response level was lowered to 10 ppt for PFOA and 40 ppt for PFOS, based on a running annual average (RAA) of the last four quarters of results. These levels are health-based advisory levels established as precautionary measures for contaminants that may be considered candidates for establishment of maximum contaminant levels, but have not yet undergone or completed the regulatory standard setting process prescribed for the development of maximum contaminant levels and are not drinking water standards. When a contaminant is found at concentrations greater than its notification level or response level, certain notification requirements and recommendations apply.

### ZONE 7 Water Agency Monitoring for PFAS

At Zone 7 Water Agency, protecting public health and safety is the highest priority. That is why Zone 7 is actively monitoring for PFAS in its groundwater and surface water supplies and has already taken actions to ensure PFOA and PFOS are below response levels in the treated water delivered by Zone 7.

In 2019, Zone 7 did not detect any PFOA or PFOS in its treated surface water supplies which made up majority of the total water delivered to its customers. Although Zone 7 did detect PFOA and/or PFOS in some of Zone 7's groundwater sources, they were blended and/or treated below the applicable response level.

Other PFAS were also detected in some of Zone 7's groundwater sources, but at present there are no regulatory guidelines for these contaminants. No PFAS were detected in Zone 7's Hopyard Wells.

Zone 7 continues to investigate the extent and potential sources of PFAS in its groundwater basin. At this time, there is no indication of a single source for this contamination. A new study report to recommend future sampling and plume characterization efforts is anticipated to be completed by the fall of 2020.

In order to provide a reliable supply of high-quality water, Zone 7 is also conducting a study to assess additional treatment options and costs for reducing PFAS to the lowest levels that are technically and economically feasible. The study is anticipated to be completed in the summer of 2020.

For more details about PFAS in Zone 7's water supply, visit [www.Zone7Water.com/pfas-information](http://www.Zone7Water.com/pfas-information).

**See the next page for 2019 PFAS data >**

# 8.

## ZONE 7 Water Agency Monitoring for PFAS, continued

ZONE 7 PFOA RESULTS				
Water Supply Sources	PFOS (ppt)		PFOA (ppt)	
	RAA	Range	RAA	Range
<b>Chain of Lakes (COL) Wellfield</b>				
COL Well 1	34	28–44	4	4–6
COL Well 2	14	12–16	2	ND–3
COL Well 5*	37	15–52	1	ND–2
Blended COL Water	25	19–31	3	2–3
<b>Mocho Wellfield</b>				
Mocho Well 1**	94	73–110	9	8–10
Mocho Well 2**	41	26–50	6	5–6
Mocho Well 3	34	30–39	6	5–6
Mocho Well 4	11	4–14	3	3–4
Blended/Treated Mocho Water	22	9–30	4	3–4
<b>Stoneridge Well</b>	8	5–12	1	ND–2
<b>Hopyard Wellfield (Well 6 and 9)</b>	ND	ND	ND	ND
<b>Treated Surface Water</b>	ND	ND	ND	ND

ND indicates no detection at or above the analytical reporting limit of 2 ppt.

\*COL Well 5 was blended with other COL well water whenever it was online.

\*\*Mocho Well 1 (the lowest priority well that was rarely used) and Mocho Well 2 were blended with other Mocho well water whenever either well was online; All Mocho wells can also be treated via reverse osmosis membranes at the Mocho Groundwater Demineralization Plant.



## City of Pleasanton Monitoring for PFAS

The City began testing of its groundwater wells as part of the DDW order issued on March 15, 2019. The table below provides a summary of results to date.

CITY OF PLEASANTON PFAS RESULTS				
Water Supply Sources	PFOS (ppt)		PFOA (ppt)	
	RAA	Range	RAA	Range
Well 5	25	21-31	3.7	3.3-4.2
Well 6	23	22-26	3.6	3.3-3.9
Well 8	98	69-115	8.2	7.5-8.8

All three wells have tested above the current Notification Level for PFOS and Well 8 has tested above the current Notification Level for PFOA. Well 8 has also tested above the current Response Level for PFOS. Upon initial test results, the City immediately placed Well 8 into the last priority facility to operate when trying to meet water demands. As a result, Well 8 has not operated since receipt of the initial test results and is only anticipated to operate under abnormal conditions such as extreme peak demand periods or if there are failures of other supply facilities.

Once the results were confirmed, the test results were shared with Zone 7 who is conducting a groundwater basin monitoring program to verify detections and evaluate potential contamination sources.

Additional information is available at: [www.zone7water.com](http://www.zone7water.com), [www.waterboards.ca.gov/drinking\\_water/certlic/drinkingwater/PFOA\\_PFOS.html](http://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/PFOA_PFOS.html), [http://www.cityofpleasantonca.gov/gov/depts/os/water\\_quality/pfos\\_and\\_pfoa.asp](http://www.cityofpleasantonca.gov/gov/depts/os/water_quality/pfos_and_pfoa.asp) and [www.epa.gov/pfas](http://www.epa.gov/pfas)

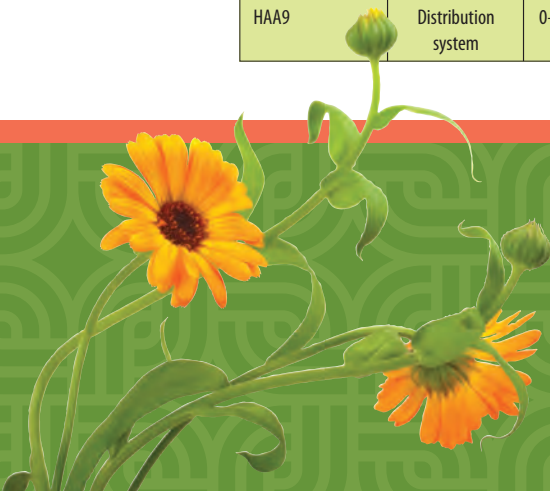
To view the Water Quality Report online, please visit [www.pleasantonwater.com](http://www.pleasantonwater.com)

# 8.

## UNREGULATED CONTAMINANT MONITORING RULE 4 (UCMR4)

The 1996 Safe Drinking Water Act (SDWA) amendments require that once every five years EPA issue a new list of no more than 30 unregulated contaminants to be monitored by public water systems under the UCMR. Unregulated contaminant monitoring helps the EPA to determine where certain contaminants occur and whether the EPA should consider regulating those contaminants for the protection of public health in the future. The contaminants included 2 metals, 10 cyanotoxin chemical contaminants, 8 pesticides, 1 pesticide manufacturing byproduct, 3 brominated haloacetic acid groups (HAA5, HAA6Br, HAA9), 3 alcohols, and 3 semivolatile chemicals. Of the contaminants tested by the City of Pleasanton, the following table shows the unregulated contaminants that were detected. There were no cyanotoxins, pesticides, alcohols, or semivolatile contaminants detected during the testing event.

UNREGULATED CONTAMINANT MONITORING RULE 4						
Contaminant	Water Source	Range	Average	MCL	MCLG	Possible Sources of Contamination
Manganese	Distribution system	ND-0.50 ug/L	0.25	NA	NA	Erosion of natural deposits
	Well 5	0.91	0.91	NA	NA	
	Well 8	0.62	0.62	NA	NA	
HAA5	Distribution system	0-16.7 ug/L	7.38	NA	NA	Disinfectant byproduct
HAA6Br	Distribution system	0-22 ug/L	6.80	NA	NA	Disinfectant byproduct
HAA9	Distribution system	0-29 ug/L	12.54	NA	NA	Disinfectant byproduct



Drought-resilient plants like the calendula, shown here, are both waterwise and useful. This easy to grow plant draws aphids away from valuable plants in the vegetable garden.



Photo courtesy of California Department of Water Resources

## 9.

## WATER CONSERVATION TIPS, PROGRAMS & REBATES

Monitoring your own water use is now easier than ever. The Pleasanton Water Portal gives you 24/7 access to your water account. See hourly readings from your water meter, make online payments, see historic use, and sign up for automatic leak notification. Register for free at [www.PleasantonWater.com](http://www.PleasantonWater.com)

**Rain or shine, water conservation is a way of life for California residents. Adopt the following habits for life-long water savings:**

- Limit outdoor watering to no more than 1 day per week when it's not raining, October 1 through March 31. Residents can participate in our free Controller Assistance Program to learn how to efficiently set your controller to water during warmer weather. Learn how to schedule you're appointment at [PleasantonWaterConservation.com](http://PleasantonWaterConservation.com).
- Turn off the controller when rain is expected and keep it off for 48 hours after measurable rainfall.
- Use a broom rather than a hose to clean driveways, sidewalks, and other hardscapes.
- Eliminate water runoff from irrigation by shortening watering time and adding multiple watering cycles.
- Only water landscaping after 6 p.m. and before 9 a.m. to reduce water loss from wind and evaporation.
- Wash cars, trucks, etc., only with a hose equipped with a shut-off nozzle — and remember — no water may enter the storm drain system (this includes the gutter).
- **CHECK FOR & FIX ALL** leaks in and around your home and/or business regularly; these include leaky toilets, faucets, showers, sprinklers, and valves. Signup to monitor your water usage at [www.PleasantonWater.com](http://www.PleasantonWater.com)
- Turn off the tap when brushing your teeth, shaving, or dish washing by hand.
- Wash only full loads of laundry and dishes.
- Install water-efficient devices, such as faucet aerators and showerheads.
- Take shorter showers. Reducing your showering time by 5 minutes can save up to 12.5 gallons of water!
- Keep your pool covered when it's not in use — this will significantly reduce water loss from evaporation.

Visit [www.PleasantonWaterConservation.com](http://www.PleasantonWaterConservation.com) for more helpful water conservation tips, programs and rebates.




# 10. PUBLIC INVOLVEMENT

Zone 7, the Valley's water wholesaler, and the City of Pleasanton encourage citizens who would like to become involved in local water issues and water quality topics to attend Zone 7's regular board meetings, which are held the third Wednesday of each month at 7:00 p.m. at the Zone 7 offices in Livermore at 100 North Canyons Parkway. These meetings are open to the public. Agendas and other pertinent information on these meetings are available on the Zone 7 web site at [www.zone7water.com](http://www.zone7water.com). For further assistance, please refer to the contact information below:

## Contact Information

<b>Water Quality Information</b> M-F 7:00 a.m. – 3:30 p.m. Stephanie Perley, <a href="mailto:sperley@cityofpleasantonca.gov">sperley@cityofpleasantonca.gov</a>	925-931-5510
<i>Para informacion en español, llamar al telefono</i>	925-931-5500
<b>Utility Billing Information/Water Conservation Material &amp; Programs</b> M-F 7:00 a.m. – 3:30 p.m.	925-931-5500
<b>Emergency Water Service</b> M-F 7:00 a.m. – 3:30 p.m. After hours and weekends, call Pleasanton Police Dispatch	925-931-5500 925-931-5100
<b>Zone 7 Water Agency</b> M-F 8:00 a.m. – 5:00 p.m. <a href="http://www.zone7water.com">www.zone7water.com</a>	925-454-5000
<b>Alameda County Household Hazardous Waste Collection Sites</b> M-F 8:30 a.m. – 5:00 p.m. <a href="http://www.household-hazwaste.org">www.household-hazwaste.org</a>	800-606-6606
<b>EPA Safe Drinking Water Hotline</b> <a href="http://www.epa.gov/ground-water-and-drinking-water/safe-drinking-water-hotline">www.epa.gov/ground-water-and-drinking-water/safe-drinking-water-hotline</a>	800-426-4791
<b>EPA National Radon Hotline</b> <a href="http://www.sosradon.org">www.sosradon.org</a>	800-767-7236



Before flowing to the Tri-Valley Area, water originates from the Feather River watershed, where it is stored behind the Oroville Dam. It is then released into the Sacramento River and the San Joaquin Delta (shown here), where it is eventually pumped into the South Bay Aquaduct system.

*Photo courtesy of California Department of Water Resources*

THE CITY OF



For any further questions you may have regarding the City's water supplies or quality, you can contact us by visiting the City's web site at [www.cityofpleasantonca.gov](http://www.cityofpleasantonca.gov) or calling 925-931-5500.