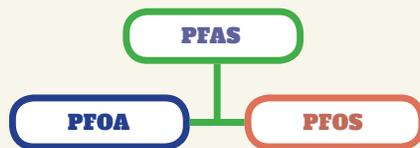


## What are PFOA and PFOS?

Perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) are unregulated synthetic chemicals which are part of a larger group of chemicals referred to as per- and polyfluoroalkyl substances (PFAS). Since the 1940s, PFOA and PFOS were extensively manufactured in the United States as manmade substances synthesized for water and lipid resistance commonly used in many consumer products. By 2006, U.S. manufacturers voluntarily phased out or limited the number of ongoing uses of PFAS.



Through ongoing investigation, California and many states have found that PFAS have made their way into groundwater supplies, particularly near airports, landfills, and former and active military bases where these chemicals were commonly used.

With the prolonged exposure to PFAS in many of our consumer goods, PFOA and PFOS have been detected in the country's environment, blood samples, and food supply. Water is just one of the many ways people have come in contact with these substances. Prolonged PFOA and PFOS exposure has been connected to health effects such as cancer, immune system issues, liver and thyroid problems, and harm to a developing fetus or infant.

## What are the impacts for Pleasanton's drinking water?

As part of the DDW orders issued earlier this year, both the City and Zone 7 have begun testing their groundwater wells. For Zone 7, initial test results found some groundwater wells to be above the Notification Levels for PFOA or PFOS. One well – Mocho-1 – tested above the Response Level and as a result Zone 7 has made that well the last priority to operate and if operationally needed would be blended with other wells or treated by the Mocho Groundwater Demineralization Facility to lower levels below the Response Level. For more information on Zone 7 test results, visit [www.zone7water.com](http://www.zone7water.com).

The City has three active groundwater wells: Well 5, Well 6, and Well 8 that have all been tested. Initial test results for the three wells were above the Notification Level for PFOS. Well 8 was also above the Response Level for combined PFOA and PFOS. As a result, Well 8 has been placed as a last priority well and has not been in operation since initial testing.

The City will continue to monitor and test all its wells and collaborate with Zone 7 to identify the source of PFOA and PFOS, and has begun investigating infrastructure solutions such as treatment technologies at groundwater wells and the feasibility of increasing imported surface water supplies that meet recommended PFAS levels.

## Is this notification related to new State Legislation?



In March 2019 the State Water Resource Control Board (SWRCB) Division of Drinking Water (DDW) issued orders requiring numerous public water systems throughout California, including Zone 7 and Pleasanton, that are in close proximity to landfills and municipal airports, to test for the unregulated contaminants of PFOA and PFOS on a quarterly basis. The data provided by this testing will help DDW determine future regulated standards for PFOA and PFOS and potentially the broader class of PFAS.

Although PFOA and PFOS are not currently regulated, DDW has established interim drinking water Notification and Response Levels. Test results above the Notification Level require agencies to notify the officials in areas where water has been provided. If test results are above the Response Level, DDW recommends the water agency remove the water source from service or provide treatment. As of April 2019, the Notification Levels are 5.1 parts per trillion for PFOA and 6.5 parts per trillion for PFOS; the Response Level for PFOA and PFOS combined is 70 parts per trillion.

## Where do PFOA and PFOS come from?

PFOA and PFOS have been found in consumer products like carpet, clothing, fire-retarding foam, non-stick cookware, paper packaging for food, and furniture fabric.

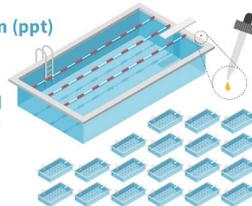


## How much is a part-per-trillion?

1 part per trillion (ppt)

IS EQUIVALENT TO A SINGLE DROP OF WATER IN

20 olympic-sized swimming pools



Well Location	1st Quarter (ppt)	2nd Quarter (ppt)
	April 19 – June 19	July 19 – September 19
<b>PFOA</b>		
Well 5	4.2	3.7
Well 6	3.8	3.3
Well 8	8.8	8.3
<b>PFOS</b>		
Well 5	31	22
Well 6	26	22
Well 8	115	100
<b>PFOA &amp; PFOS Combined</b>		
Well 5	35.2	25.7
Well 6	29.8	25.3
Well 8	<b>123.8</b>	<b>108.3</b>

The City of Pleasanton delivers safe, reliable drinking water to 22,000 customers by operating in compliance with all state and federal guidelines and regulatory requirements.

### How do I learn about Pleasanton drinking Water?

The City of Pleasanton is required by state regulations to inform customers where their drinking water comes from, what is in their drinking water, and any violation of safe drinking water standards that may have occurred during the past reporting period.

Every year, the City prepares a Consumer Confidence Report (CCR) that provides results of any level of regulated contaminants detected and if those levels were in violation of drinking water standards. All water quality tests confirmed that water delivered to your tap met all applicable federal and state drinking water standards without any violations.

### Where does Pleasanton's water come from?

Pleasanton provides 25% of the water sourced by our three wells located throughout the city; the other 75% of our water is provided by Zone 7 whose main source is the State Water Project and secondary source is local groundwater.

### How can I learn more information about PFOA and PFOS?

The City of Pleasanton and Zone 7 have been actively engaged with federal and state regulators, as well as elected and appointed officials on this issue. As part of our commitment to the community, the City will provide regular PFAS updates on various manners. More information about PFOA and PFOS, the City of Pleasanton Water Quality Report and Zone 7 can be found at the following locations:

#### City of Pleasanton

[www.cityofpleasantonca.gov](http://www.cityofpleasantonca.gov)



#### Water Quality:

[www.cityofpleasantonca.gov/gov/depts/os/water\\_quality.asp](http://www.cityofpleasantonca.gov/gov/depts/os/water_quality.asp)

#### PFOA and PFOS:

[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)



#### Zone 7 Water Agency

[www.zone7water.com](http://www.zone7water.com)

#### PFOA and PFOS:

[www.zone7water.com/pfas-information](http://www.zone7water.com/pfas-information)



#### California Water Board

[www.waterboards.ca.gov](http://www.waterboards.ca.gov)

#### PFAS:

[www.waterboards.ca.gov/pfas/](http://www.waterboards.ca.gov/pfas/)



#### Environmental Protection Agency

[www.epa.gov](http://www.epa.gov)

#### PFAS:

[www.epa.gov/pfas](http://www.epa.gov/pfas)



## Pleasanton Water Quality

### Understanding PFOA and PFOS

The City of Pleasanton is committed to ensuring that our community is knowledgeable and has access to the resources available to understand local water quality.

To help achieve this, the City remains proactive in water quality research and testing, ensuring that test results are publicly available. In addition, comprehensive water quality information is provided annually through the City's Consumer Confidence Report which is mailed directly to each water account and posted on the City's website.

For more information, visit [www.cityofpleasantonca.gov](http://www.cityofpleasantonca.gov) or contact the Operations Services Department by calling 925-931-5500 or by email at [osd@cityofpleasantonca.gov](mailto:osd@cityofpleasantonca.gov).