2016 Annual Water Quality Report

The U.S. Safe Drinking Water Act requires community water systems to deliver a Consumer Confidence Report (CCR), also known as an annual water quality report, to their customers. The Davis CCR informs customers about the quality of their drinking water, where it comes from, updates and information about State and Federal drinking water standards, and other related information. Although the City is required to report only constituents that were detected in our water supplies, the Public Works Department conducts many routine tests and analyses beyond those presented in this report to monitor water quality.

There are several ways to view the 2016 CCR. It is available online - visit CityofDavis.org and search “annual water quality”. You can also contact the City of Davis Water Division at Water@CityofDavis.org to receive an electronic copy of the CCR delivered to your e-mail address. If you would like to receive a paper copy of the 2016 CCR, please call the Public Works Department at (530) 757-5686.

During the first half of 2016, groundwater was the City’s only source of drinking water. On June 3, 2016, the City began delivering surface water from the Sacramento River to roughly one-third of its residents. By October 12, the entire City was receiving a blend of surface and groundwater.

The largest table in the Annual Report lists constituents found in our drinking water from sampling events occurring in 2016 or earlier. Drinking water samples are taken at the Regional Water Treatment Facility (Woodland) and from City wells. The constituents are broken down into three types: primary drinking water standards, secondary drinking water standards, and those without a drinking water standard. Primary standards are constituents of concern because high levels of them may impact your health. Secondary standards are based on aesthetic properties and have been established to protect the appearance, odor and taste of your drinking water. Those constituents listed without a drinking water standard are not regulated under an existing state or federal rule.

In addition to testing the source water, the City is also required to sample the water after it enters the distribution system. The City must take weekly samples and test them for the presence or absence of coliform bacteria. Quarterly samples are also taken for disinfection by-products - substances created when the chlorine that is used to disinfect our drinking water reacts with organic compounds naturally occurring in the water.
SURFACE WATER & WATER QUALITY

The City has been receiving questions regarding the continued need for water softeners. Surface water is naturally softer than local groundwater. As the City enters into its first summer using its full surface water allotment, 10.2 million gallons per day, the quality of the water has changed significantly from this time last year. One noticeable difference is the level of water hardness. We test the distribution system weekly for a number of parameters, hardness being one of those. During 2017, the system average level of water hardness was 47 ppm (2.8 grains per gallon). For information about hardness in your neighborhood, visit http://cityofdavis.org/city-hall/public-works/water/water-quality-information/distribution-system-water-quality-information. If this range of hardness is acceptable for your home, you may want to consider bypassing your water softener.

APARTMENT MOVE-OUT PROGRAM VOLUNTEERS NEEDED

The City of Davis Recycling Program is recruiting volunteers to assist with the 18th annual Apartment Move-Out Waste Reduction Program at the end of August, a city-wide effort to keep recyclable and usable items out of the trash during the annual apartment turnover. Volunteers are needed to help keep the donation stations organized, sort donated items for non-profit groups, gather recyclables and deliver them to a centralized location, etc. For more information on volunteering, e-mail pwweb@cityofdavis.org.

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