INTRODUCTION

The City of West Sacramento is dedicated to supplying its customers with a safe and reliable supply of high-quality drinking water. We are pleased to present this annual report, which conforms to a federal regulation that requires community water systems to provide customers with detailed information about their drinking water. It includes information about water supply sources, water treatment, water quality, drinking water regulations and source water protection programs. We hope that the information in this report increases your understanding of the water treatment process and your confidence in the quality of the water you drink.

Landlords who receive this report should notify tenants residing in the city limits where they can view or obtain a copy of this report. This report is available on the City of West Sacramento’s website.


Additional copies are available upon request; please contact the City of West Sacramento’s Public Works Department at (916) 617-4850. Exile informe contiene información importante sobre su agua potable. Tradúzcalo, o hable con aquellos que pueda entenderlos. El documento contiene toda la información que necesita entender para poder entender el proceso de tratamiento del agua. La calidad del agua potable es un recurso precioso y debe ser cuidado con mucho cuidado.

WATER SUPPLY SOURCES

The City of West Sacramento’s main water supply is the Sacramento River. Our intake structure is located at Bryte Island, upstream of the confluence of the Sacramento and American rivers. To ensure a adequate water supply for West Sacramento’s current and future needs, the City maintains water supply contracts with the State Appropriate Rights, Central Valley project water and with the North Delta Water Agency.

In addition to surface water, the City has one ground water well. It is located near the intersection of the Sacramento and American rivers. To ensure an adequate water supply for West Sacramento’s current and future needs, the City maintains water supply contracts with the State Appropriate Rights, Central Valley project water and with the North Delta Water Agency.

SOURCE WATER PROTECTION

A community’s drinking water supply is a valuable resource and needs protection. The quality and reliability of source water can have a significant impact on a community’s economy and quality of life. Given the importance of the Sacramento River to West Sacramento’s continuing growth and the health and well-being of our residents, the City actively participates in several source water protection programs.

► The Rice Pesticide Workgroup, in partnership with the City of Sacramento, the County of Sacramento and the East Bay Municipal Utility District, keeps us up to date on important water quality issues. Our program of frequent monitoring at our raw water intake during the rice growing season has been expanded to include rice water pesticides.

In addition, we continually voice our concerns about the impact of rice growing activities on source water quality in meetings with the California State Department of Food and Agriculture. Our participation in the Regional Water Quality Control Board (RWQCB), the California Rice Commission, and Agriculture Commissioners of the major rice growing counties. We have been presented our concerns directly to the RWQCB and to rice growers.

► The Keep the Waters Clean Campaign, in partnership with the City of Sacramento, the County of Sacramento and the East Bay Municipal Utility District, protects water quality by encouraging boaters and other recreational users of the Sacramento River to use pumpouts and public restrooms rather than the river to dispose of wastes.

► The Sanitary Survey of the Sacramento River Watershed, an ongoing project in partnership with the City of Sacramento, the County of Sacramento, the Placer County Water Agency, the City of Roseville and the East Bay Municipal Utility District, keeps us up to date on developments in the Sacramento River watershed. The Sanitary Survey of 2015 was completed and is available for review at the Public Works Department, 1110 West Capitol Avenue in West Sacramento.

► The Drinking Water Source Assessment Program (DWSSAP) allows us to identify sources of contamination and to respond to possible contamination near our water treatment plant and throughout the watershed. The Water Source Assessment was completed in November 2014. The DWSSAP identified agricultural drainage as the activity to which West Sacramento’s surface water source is most vulnerable. A copy of the survey is available for your review at the Public Works Department, 1110 West Capitol Avenue in West Sacramento.

► The Regional Water Authority Water Efficiency Program partners with water agencies throughout the greater Sacramento region to help meet regulation and promote water efficiency. The program provides region-wide messaging and educational opportunities for residents through the “Fix Water Smart” outreach program. In addition to outreach, the program hosts program meetings so that agencies can share best practices and create unified responses to conservation issues that affect the entire area. This program also assists in funding opportunities for individual agencies.

WATER TREATMENT: SURFACE WATER

Water withdrawn from the Sacramento River is treated at the City’s George Kristoff Water Treatment Plant (GKWTP), which is operated 24 hours a day by State Certified Water Treatment Plant operators. 3.6 billion gallons of Sacramento River water was treated in 2016.

The City of West Sacramento maintains the high quality of our treatment process through the following:

► A vigorous preventative maintenance program helps us to operate equipment at maximum efficiency.

► Membership in local, regional and national water industry organizations allows us to draw on expertise and experience outside our region.

► Monitoring current research on water treatment, and continuing education and training at our treatment plant assures you of a motivated, professional staff focused on producing the best possible water.

For the 2016 State of the River Report, the City of Sacramento, the State of California Department of Water Resources, the California Department of Fish and Wildlife, the Environmental Defense Fund, the University of California, Davis, and the Sacramento River Foundation collaborated to produce an extensive assessment of water quality in the Sacramento River from its origin to its confluence with the San Joaquin River. The report, available on the City of Sacramento’s website, includes detailed information about water quality in the Sacramento River basin.

For up-to-date program and water waste information, visit: www.bewatersmart.info.

WATER CONSERVATION

The City promotes water conservation year-round with messaging, events, rebates and water waste enforcement. Messaging efforts include social media, bill inserts and direct mailers. Events include seasonal events, like Earth Day, region-wide partnerships and workshops that cover topics on turf conversion, plant selection and smart irrigation. Water waste enforcement follows city municipal code prohibitions. For additional information about the water meter program contact the Project Manager Derek Goodwin, Senior Civil Engineer at (916) 617-4700.

WATER METERS

The City of West Sacramento continues to install water meters as we work towards compliance with California State Law, Assembly Bill No. 534 (AB 534) to be fully metered. Water meters will enable the City to quantify customer water use and help increase water conservation by making people aware of their water use. When people are charged for their actual measured use, they tend not to waste it, thereby reducing their overall water consumption. Also, the City is complying with Assembly Bill No. 1953 (AB 1953) by not installing meters that have load shared materials but installing water meters that are made with brass based material.

To comply with State mandate, the City has made steady progress toward installing meters in phases bringing the City to 63% metered at the close of 2014. For the year 2016, the City anticipates installing an additional 1,700 water meters by implementing more phases of the project. The first phase of water meter installations will begin in April, with installation of over 200 meters in the Mallard Park North neighborhood. The remaining phases will primarily be in the Southport area and will start in late spring through late fall. The Water Meter Installation Program is expected to be complete in 2018.

The transition of all current flat rate to metered rate users is anticipated to begin in 2017. The City will provide residents with information of this process prior to any conversion process to help customers better understand the transition.

WATER QUALITY

For up-to-date program and water waste information, visit: www.bewatersmart.info.

2016 CONSUMER CONFIDENCE REPORT

For additional information about the water meter program contact the Project Manager Derek Goodwin, Senior Civil Engineer at (916) 617-4700.

WATER CONSERVATION

Water conservation is a way of life. Find out what the City has to offer by visiting www.cityofwestsacramento.org/water. There you will find current rebates, conservation tips and upcoming workshops. Here are a few quick things you can do to be water smart: 1) run your irrigation timer, if you have one, and look for and correct broken or misaligned sprinklers; 2) turn off your irrigation system during the rainy season, from October to April; and 3) Check your toilet for a leak by dropping food coloring into the toilet tank; if that color appears in the bowl, you have a leak. For more water conservation information, visit our regional-partner website: www.bewatersmart.info.
**FLUORIDE**

The City water system treats your water by adding FLUORIDE to the naturally occurring level in order to promote dental health in consumers. The fluoride levels in the treated water for 2016 were maintained within an average monthly range of 0.70 to 0.80 mg/L. The maximum level of Fluoride measured in West Sacramento during 2016 was 2.05 mg/L. The California MCL for Fluoride is 2.0 mg/L. A Public Health Service Notice was issued in 2008 because of the concentration of fluoride in the drinking water. This level is intended to be an approximate year-around level an individual will ingest 9.0 mg of sodium for every liter of water consumed. There is no MCL for sodium in drinking water. This level is intended to be an approximate year around level an individual will ingest 9.0 mg of sodium for every liter of water consumed. Sodium is an essential nutrient, but some people who drink water containing copper in excess of the level below may notice a slight discoloration of teeth, in more severe cases it can lead to pitting and breaking of the teeth. Moderate to severe dental fluorosis is generally associated with a source of fluoride of 1.5 mg/L or more; however, some people may have staining of teeth, in more severe cases it can lead to pitting and breaking of the teeth. Sodium is an essential nutrient, but some people who drink water containing copper in excess of the level below may notice a slight discoloration of teeth, in more severe cases it can lead to pitting and breaking of the teeth. Moderate to severe dental fluorosis is generally associated with a source of fluoride of 1.5 mg/L or more; however, some people may have staining of teeth, in more severe cases it can lead to pitting and breaking of the teeth.

**SODIUM**

We also frequently ask about the sodium content of the West Sacramento drinking water. Sodium is a naturally occurring chemical element and is present in our source water. The maximum level of sodium measured in the treated water was 27.5 mg/L. The maximum level of sodium measured in the treated water was 27.5 mg/L. The city tests for sodium at all sample stations throughout the city, assures safe water for you and your personal doctor.

**WATER QUALITY**

All public water supplies must meet stringent federal and state standards. Treatment delivered to you and your family not only meets, but surpasses state and federal standards for quality and safety. We know this because we continually test our water using well-trained staff at our certified laboratory and commercial laboratories. This regular program of analysis and testing ensures that the samples we test are representative of the water supplied to our customers. Our laboratory staff tests sample stations throughout the city, assures safe water for you and your personal doctor.