

CITY OF COVINA 125 EAST COLLEGE STREET COVINA CA 91723-2199

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125 East College Street
Covina, California 91723-2199

June 2016

Dear Water Customer:

The City of Covina strives to provide its residents and businesses with the highest quality water. reliable service, and competitive rates. The Consumer Confidence Report (CCR), included within this mailing, offers an overview of water quality and the testing results from 2015. The report explains where your drinking water comes from, provides information on contaminants that may reasonably be expected to be found in your drinking water, and how Covina's water quality compares with regulatory standards. The information summarized in the report also fulfills requirements found in the California Health and Safety Code (Title 22, Chapter 15, Article 20, Section 116470) regarding the need for community water systems to prepare and distribute the annual Consumer Confidence Report (CCR) by July 1st.

In addition to supplying you with this CCR report, the City of Covina would also like to provide you with an update on water conservation programs due to the prolonged drought in California. On July 31, 2015, the City of Covina declared a Level 2 Water Supply Shortage, which requires residents to implement additional water conservation measures. As Southern California received little rainfall this winter, the City of Covina would like to take this opportunity to ask for your continued assistance with water conservation, especially during the summer months (April to October). The City is requesting that residents and businesses water only landscaped areas on Wednesdays and Saturdays between the hours of 5 p.m. to 9 a.m. for a period no longer than 15 minutes per station. Water conservation kits, containing water conservation promotional materials, are available at no charge to Covina residents. Please stop by the Department of Public Works within City Hall (125 E. College Street), between the hours of 7 a.m. to 6 p.m. Monday through Thursday, to pick up a kit.

Thank you for partnering with the City to conserve water and promote environmental stewardship. If you would like further information, please visit the City's website at www.covinaca.gov for tips on reducing water usage, details of the Water Conservation Ordinance, and upcoming events that may assist with your conservation efforts. For information regarding water-related rebates, please visit socalwatersmart.com and www.saveourwater.com. Again, your efforts to conserve water are appreciated, as every drop counts!

If you have any questions regarding this CCR report or water conservation efforts, please contact the Public Works Department, Environmental Services Division at (626) 384-5480.

Sincerely,

CITY OF COVINA

Maion Sallant

Sharon Gallant Environmental Services and Transportation Manager

The U.S. EPA Would Like You to Know About Lead in Tap 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. The City of Covina is responsible for providing high-quality drinking water, but cannot control the variety of materials used in home 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 https://www.epa.gov/lead or by calling the U.S. EPA's Safe Drinking Water Hotline at (800) 426-4791 ET.

Drinking Water Source Assessments

In accordance with the Federal Safe Drinking Water Act, an assessment of the groundwater sources for the Covina Irrigating Company, from which the City purchases water, was completed in July 2002. The purpose of the drinking water source assessment is to promote source water protection by identifying types of activities in the proximity to the drinking water sources which could pose a threat to the water quality. The assessment concluded that Covina Irrigating Company's groundwater sources are not considered vulnerable to any activity associated with contaminants detected in the water supply. However, the groundwater sources are considered vulnerable to the following activities or facilities not associated with contaminants detected in the water supply: gasoline stations, known contaminant plumes and leaking underground storage tanks. In addition, a Watershed Sanitary Survey for Covina Irrigating Company's surface water source was updated in December 2015. The watershed sanitary survey concluded that Covina Irrigating Company's surface water source is vulnerable to erosion, debris removal, forest fires and recreational activities. A copy of the complete assessment is available at the City at 125 East College Street, Covina, California 91723. You may request a summary of the assessment by contacting Ms. Sharon Gallant, Environmental Services and Transportation Manager at (626) 384-5480.

Every five years, the MWD of Southern California, another source of water for the City of Covina, is required by DDW to examine possible sources of drinking water contamination in

Colorado River and State Water Project source waters. In 2012, the Metropolitan Water District of Southern California submitted to DDW updated Watershed Sanitary Surveys for the Colorado River and State Water Project, which include suggestions for how to better protect these source waters. Both source waters are exposed to stormwater runoff, recreational activities, wastewater discharges, wildlife, fires, and other watershed-related factors that could affect water quality, U.S. EPA also requires Metropolitan Water District of Southern California to complete a Source Water Assessment (SWA) that utilizes information collected in the watershed sanitary surveys. Metropolitan Water District of Southern California completed its SWA in December 2002. The SWA is used to evaluate the vulnerability of water sources to contamination and helps determine whether more protective measures are needed. Copies of the most recent Watershed Sanitary Survey or the SWA can be obtained by contacting the Metropolitan Water District of Southern California at (800) CALL-MWD.

Public Participation Opportunity

Regularly scheduled meetings of the City of Covina City Council are held on the first and third Tuesday of each month at 7:30 PM in the City Hall Council Chambers. City Hall is located at 125 East College Street. These meetings provide an opportunity for public participation in decisions that may affect the quality of your water.

Questions

For more information or questions regarding this report, please contact Ms. Sharon Gallant, Environmental Services and Transportation Manager at (626) 384-5480.

Este informe contiene información muy importante sobre su agua potable. Para mas información ó traducción, favor de contactar a Ms. Sharon Gallant. Telefono: (626) 384-5480.

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。



CITY OF COVINA 2015 DRINKING WATER QUALITY

		1	1	00		TING COMP					
	MCL	PHG (MCLG)	Most	GROUNDWATER		SURFACE WATER		MWD SURFACE WATER		MCL	
CONSTITUENT AND (UNITS)			Recent Test		Range of		Range of		Range of	Violation?	Typical Source of Contaminant
				Results ^[1]	Detections	Results ^[1]	Detections	Results ^[1]	Detections		
RIMARY DRINKING WATER ST					1	0.09		0.05		Ne	1
Surface Water Treatment Filter	TT = 1 NTU TT = at least					0.09		0.05		No	4
Effluent Turbidity (NTU) ^[2]	95% of samples	NA	2015	NR	NR	99%		100%		No	Soil runoff
	≤0.3 NTÚ										
ADIOLOGICAL CONSTITUENTS											1
Gross Alpha (pCi/l) Gross Beta (pCi/l)	15 50	(0)	2015 2014	ND NR	ND NR	3.2 ND	3.2 ND	ND 5	ND - 4 4 - 6	No No	Erosion of natural deposits Decay of natural and man-made deposits
Uranium (pCi/l)	20	0.43	2014	ND	ND	1.7	1.7	3	2 - 3	No	Erosion of natural deposits
ORGANIC CHEMICALS											· ·
Aluminum (mg/l)	1	0.6	2015	ND	ND	0.2	0.011 - 1.7	0.156	0.088 - 0.2	No	Runoff/leaching from natural deposits
Arsenic (µg/l)	10	0.004	2015	3.4	2.2 - 4	4.7	1.8 - 9.1	2.1	2.1	No	Erosion of natural deposits
Barium (mg/l)	1	2	2015	<0.1	ND - 0.14	ND	ND	0.122	0.122	No	Erosion of natural deposits
Fluoride (mg/l) - naturally-occurring Fluoride (mg/l) - treatment-related	2 0.6 - 1.2 Optim	1 Pal Range	2015 2015	0.3 NR	0.3 - 0.33 NR	0.3 NR	0.29 - 0.35 NR	NR 0.8	NR 0.6 - 1	No No	Runoff/leaching from natural deposits Water additive for dental health
Nitrate as N (mg/l)	10	10	2015	5.2	2.9 - 6.3	ND	ND	ND	ND	No	Runoff/leaching from fertilizer
ECONDARY DRINKING WATE							=				
Aluminum (µg/l)	200	600	2015	ND	ND	200	11 - 1,700	156	88 - 200	No	Runoff/leaching from natural deposits
Chloride (mg/l)	500	NA	2015	40	40	12	10 - 13	100	98 - 102	No	Runoff/leaching from natural deposits
Color (color units)	15	NA	2015	ND	ND	ND	ND	1	1	No	Naturally-occurring organic materials
Odor (threshold number)	3	NA	2015	1	1	1	1	2	2	No	Naturally-occurring organic materials
Specific Conductance (µmho/cm)	1600	NA	2015	540	540	460	450 - 460	1,040	1,030 - 1,060	No	Substances that form ions when in water
Sulfate (mg/l)	500	NA	2015	41	41 320	34	31 - 38	257	252 - 261	No	Runoff/leaching from natural deposits
Total Dissolved Solids (mg/l) NREGULATED CONSTITUENT	1,000 S OF INTERES	NA	2015	320	320	260	250 - 260	660	654 - 665	No	Runoff/leaching from natural deposits
Alkalinity, total as CaCO3 (mg/l)	NA NA	NA	2015	170	170	200	190 - 210	126	123 - 129	NA	Runoff/leaching from natural deposits
Calcium (mg/l)	NA	NA	2015	57	57	53	50 - 57	78	77 - 78	NA	Runoff/leaching from natural deposits
Hardness as CaCO3 (mg/l)	NA	NA	2015	190	190	200	190 - 200	300	296 - 304	NA	Runoff/leaching from natural deposits
Magnesium (mg/l)	NA	NA	2015	11	11	15	14 - 15	27	26 - 28	NA	Runoff/leaching from natural deposits
pH (pH units)	NA	NA	2015	7.9	7.9	8.2	8.1 - 8.2	8.1	8.1	NA	Hydrogen ion concentration
Potassium (mg/l)	NA	NA	2015	3.4	3.4	4.6	4.1 - 5.1	4.9	4.8 - 5	NA	Runoff/leaching from natural deposits
Sodium (mg/l)	NA	NA	2015	36	36	20	17 - 23	100	97 - 102	NA	Runoff/leaching from natural deposits
NREGULATED CHEMICALS R		ITORING	1		O THE DIS	RIBUTION	SYSTEM				
CONSTITUENT AND (UNITS)	NL	PHG	Most Recent	Average	Range of						
		(MCLG)	Test	Amount	Detections						
Chlorate (µg/l)	800	NA	2015	260	250 - 260						
Chromium, Hexavalent (µg/l) ^[3]	MCL = 10	0.02	2015	0.39	0.38 - 0.4						
		(100)	2015	0.45	0.44 - 0.45						
Chromium, Total (µg/l) ^[4]	MCL = 50	(100)									
1,4-Dioxane (µg/l)	MCL = 50 1	NA	2015	0.083	0.083						
1,4-Dioxane (μg/l) Molybdenum, Total (μg/l)	MCL = 50 1 NA	NA NA	2015 2015	0.083 5.4	0.083 5.4						
1,4-Dioxane (µg/l)	MCL = 50 1 NA 50 ic Turbidity Units; MC iter; mg/l = parts per r per liter; MWD = Mcr; MWC = Mcr; s of the water, an india	NA NA NA NA L = Maximum million or millig ropolitan Water of the constitute cation of partic	2015 2015 2015 Contaminant Le rams per liter; < r District of Sou ents detected in ulate matter, so	0.083 5.4 390 5.1 evel; ND = Not I s = average is le them California your drinking v me of which mi	0.083 5.4 380 - 390 5 - 5.1 Detected; NR = 1 ass than the dete a, Weymouth Pla vater during year ight include harm	ction limit for re nt 2015, except fo ful microorgani	porting purpose r turbidity, which sms. Low turbid	s; µmho/cm = h is described b ity in MWD's ar	micromhos per cer elow. Id Covina Irrigating	ntimeter; g Company's tre	÷
1,4-Dioxane (μg/l) Molybdenum, Total (μg/l) Strontium, Total (μg/l) Vanadium, Total (μg/l) NA = Not Applicable; NTU = Nephelometr μg/l = parts per billion or micrograms per NL = Notification Level; pCI/l = picocuries [1] The results reported in the table are av (2) Turbidity is a measure of the cloudines of effective filtration. Filtration is called impossible to measure directly. [3] Hezavalent chromium is regulated with	MCL = 50 1 NA NA 50 ic Turbidity Units; MC liter; mg/l = parts per r per liter; MWD = Mete rarge concentrations c s of the water, an indi a "treatment technic an MCL of 10 µg/l but	NA NA NA NA L = Maximum million or millig ropolitan Water of the constitute cation of partic cation of partic t was not detect	2015 2015 2015 2015 Contaminant Le rams per liter; < r District of Sou ants detected in ulate matter, so treatment techno- cted, based on 1	0.083 5.4 390 5.1 evel; ND = Not I < = average is le them California your drinking v your drinking v your drinking v the detection lin	0.083 5.4 380 - 390 5 - 5.1 Detected; NR = t ass than the dete vater during year vater during year gight include harm ed process inter mit for purposes of	ction limit for re nt 2015, except fo ful microorgani ided to reduce t	porting purpose or turbidity, which sms. Low turbid he level of conta µg/l. Hexavaler	s; µmho/cm = h is described b ity in MWD's ar aminants in drin nt chromium wa	nicromhos per cer elow. Id Covina Irrigating king water that are s included as part	timeter; Company's tre difficult and sor	netimes ed chemicals requiring monitoring.
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City of Covina 2015 Consumer Confidence Report for Drinking Water

Introduction

Each day, City of Covina employees strive to provide you with the highest quality water, reliable service, and competitive rates. The Consumer Confidence Report provides an overview of water quality and the testing results from 2015. The report also explains where your drinking water comes from, contaminants that may reasonably be expected to be found in your drinking water, and how Covina water quality compares with regulatory standards.

2015 Results

Your drinking water is regularly tested to ensure its safety. The City of Covina routinely tests drinking water from its distribution system for bacterial and chemical contaminants, while the Covina Irrigating Company and Metropolitan Water District of Southern California are responsible for testing their drinking water purchased by the City. The 2015 Consumer Confidence Report compares the quality of your tap water to federal and state drinking water standards. The State allows the City of Covina to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative, are more than one year old. The report also includes information on detected unregulated contaminants of interest. The City of Covina is proud to present the 2015 Consumer Confidence Report and report that Covina drinking water met or surpassed all drinking water standards set by the U.S. Environmental Protection Agency (U.S. EPA) and the State Water Resources Control Board's Division of Drinking Water (DDW).

Covina Water Supply

In 2015, approximately 91 percent of the water supply came from the Covina Irrigating Company, which pumps groundwater from the Main San Gabriel Valley Groundwater Basin and filters surface water from the San Gabriel River. Approximately 9 percent of the water supply was imported surface water from the Metropolitan Water District of Southern California (MWD), which during 2015, was from the Colorado River through its Weymouth Plant. Drinking water is disinfected with chlorine or chloramines before it is delivered to your home.

Water Quality Standards

Some people may be more vulnerable to contaminants in drinking water than the gen-Drinking water standards established by the U.S. EPA and the DDW set limits for eral population. Immuno-compromised persons such as persons with cancer undergosubstances that may affect consumer health or aesthetic qualities of drinking water. ing chemotherapy, persons who have undergone organ transplants, people with HIV/ DDW's regulations also establish limits for contaminants in bottled water that provide AIDS or other immune system disorders, some elderly, and infants can be particularly the same protection for public health. at risk from infections. These people should seek advice about drinking water from The chart in this report shows the following types of water quality standards: their health care providers. U.S. EPA/Centers for Disease Control (CDC) guidelines on • Maximum Contaminant Level (MCL): The highest level of a contaminant that is appropriate means to lessen the risk of infection by Cryptosporidium and other microallowed in drinking water. Primary MCLs are set as close to the Public Health Goals bial contaminants are available from https://www.epa.gov/your-drinking-water or by (PHGs) or Maximum Containment Level Goals (MCLGs) as is economically and calling the U.S. EPA's Safe Drinking Water Hotline at (800) 426-4791 ET.

- technologically feasible.
- · 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.
- Secondary MCLs: Set to protect the odor, taste, and appearance of drinking water.
- Primary Drinking Water Standard: MCLs and MRDLs for contaminants that affect health, along with their monitoring and reporting requirements, and water treatment requirements.
- Treatment Technique: 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.
- Notification Level (NL): The level above which a water agency is required to no-Supervisors) if an unregulated contaminant is found in its drinking water.

Nitrate in your tap water may have exceeded one-half the MCL in 2015, but it was tify its governing body (i.e. City Council, Board of Directors, and County Board of never greater than the MCL. Nitrate in drinking water at levels above the MCL of 10 parts-per-million (ppm) 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 Water Quality Goal carry oxygen, resulting in a serious illness; symptoms include shortness of breath and In addition to mandatory water quality standards, U.S. EPA and the DDW have set blueness of the skin. Nitrate levels above 10 ppm may also affect the ability of the voluntary water quality goals for some contaminants. The chart in this report includes blood to carry oxygen in other individuals, such as pregnant women and those with certhree types of water quality goals: tain specific enzyme deficiencies. If you are caring for an infant, or you are pregnant,

• Maximum Contaminant Level Goal (MCLG): The level of a contaminant in you should ask advice from your health care provider. drinking water below which there is no known or expected risk to health. MCLGs

are set by U.S. EPA.

- Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water 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.
- 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 EPA.

Contaminants That May Be Present in Source 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. 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 at https://www.epa.gov/your-drinking-water or by calling the U.S. EPA's Safe Drinking Water Hotline at (800) 426-4791 eastern time (ET).

Contaminants that may be present in source water include:

- Microbial contaminants, such as 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.
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.
- Organic chemical contaminants, including synthetic and volatile organic chemicals that are byproducts of industrial processes and petroleum production, and can also come from gasoline stations, urban stormwater runoff, agricultural applications, and septic systems.

Important Health Information

Arsenic

The following advisory is issued because in 2015 the City of Covina recorded an arsenic measurement in the drinking water supply between 5 and 10 micrograms per liter (µg/l). While your drinking water meets the 10 µg/l MCL for arsenic, it does contain low levels of arsenic. The arsenic standard balances the current understanding of arsenic's possible health effects against the cost of removing arsenic from drinking water. The U.S. EPA continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to

other health effects, such as, skin damage and circulatory problems.

Nitrate