WORKING HARD FOR YOU

Under the Safe Drinking Water Act (SDWA), USEPA is responsible for setting national limits for hundreds of substances in drinking water and also specifies various treatments that water systems must use to remove these substances. In California, each system continually monitors for these substances and reports directly to the State Water Resources Control Board (SWRCB) if they were detected in the drinking water. USEPA uses this data to ensure that consumers are receiving good water and to verify that states are enforcing the laws that regulate drinking water.

This publication conforms to the regulation under SDWA requiring water utilities to provide detailed water quality information to each of their customers annually. We are committed to providing you with this information about your water supply because customers who are well informed are our best allies in supporting improvements necessary to maintain the highest drinking water standards

COMMUNITY PARTICIPATION

You are invited to participate in our public forum and voice your concerns about your drinking water. We meet on the first and third Tuesday of every month beginning at 6:00 p.m. at the City Council Chambers, 383 Main Street,

Este reporte contiene información sobre su aguapotable. Si usted no lo entendió, pida que sea traducido por un amigo o alguien que lo entienda.

QUESTIONS? EPA Call U.S. EPA's Safe Drinking Water Hotline at 1-800-426-4791

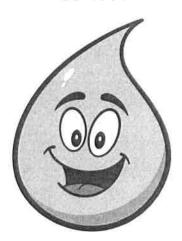
PAID EL CENTRO,

2018 Water Quality Report



Proudly Prepared By City of Brawley

Conserve Water



of Brawley Water Treatment Plant 760 Willard Avenue Brawley, CA 92227

Where Does My Water Come From?

The City of Brawley customers are fortunate because we enjoy an abundant water supply from the Colorado River. The Water Treatment Plant receives water from the Central Main Canal via the All American Canal



The resources 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.

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

Pesticides and Herbicides, that may come from a variety of sources such as agriculture, urban stormwater runoff, and

Organic Chemical Contaminants, including synthetic and volatile organic chemicals, that are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems,

Radioactive Contaminants, that can be naturally occurring or be the result of oil and gas production and mining

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (USEPA) and the State Water Resources Control Board (SWRCB) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. SWRCB regulations also establish limits for contaminants in bottled water, they must provide the same protection for public health. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of UNITED STATES contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained be calling the USEPA's FAVURONMENTAL PROTECTION Safe Drinking Water Hotline (1-800-426-4791).

Special Health Information

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/CDC (Centers for Disease Control) guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791)



Mark of Excellence

Since the beginning, City of Brawley's goal has been to produce the highest quality drinking water for all its customers. We are proud of our history of quality service. To maintain our commitment to you, our water treatment staff routinely collects and test water samples every step of the way - from the water source right into the distribution system and into your home checking purity and identifying potential problems. Our Water Treatment Division constantly maintains, evaluates and stays abreast of advances in technology, health science and government regulations. Staffed by trained technicians, the lab has the latest, most sophisticated instruments, and can measure some substances down to one part per billion. In addition, the City has a comprehensive Cross -Connection Control Program. This program ensures that your water is free from cross contamination from backflow or back siphonage. Through foresight and planning, efficiency in operations, and focus on excellence in customer service, we will provide you the best quality drinking water at an economical price

For more information about this report, or for any questions relating to your drinking water, please call Rodolfo Nunez, Water Treatment Plant Chief, at

What's Inside?

This report outlines the processes involved in delivering to you the highest quality drinking water available. In it, we will answer two Important

*Where does my water come from? *What is in my drinking water?

Also, we will provide you with information about available resources that will answer other questions on water quality and health effects.





What's In My Water?

The City of Brawley is pleased to publish the 2018 Water Quality Report. The water delivered to your home or business this past year complied with all State and Federal drinking water requirements. For your information, we have compiled the information in the table below. The City wants you to know exactly what was detected in the water supply and how much of each substance was present. The State of California requires the City to monitor for certain substances less than once per year because the concentrations of these substances do not change frequently.



Chemical or Constituent	Sample Date	Avg. Level Detected	Range of Results	Sample Date	Avg. Level Detected	Range of Results	MCL [MRDLG]	4	Violation	Typical Source of Contaminant	
(Unit of Measurement)	Raw Water			Treated Water				(MRDLG)			
DETECTION OF CONTA	MINANTS WITH A	PRIMARY DRIP	NKING WATER	TANDARD	regulated to	protect ag	ainst possible healti	h effects.			
Aluminum (ppb)	4 quarterly samples in 2018	288	160-620	monthly samples in 2018	ND	0-<25	1000	600	N/A	Erosion of natural deposits, residue from some surface water treatment processes	
AIn (anse)	2018	0,002	N/A	N/A	N/A	N/A	0.01	0	N/A	Erosion of natural deposits	
Arsenic (ppm) Barium (ppm)	2018	0,11	N/A	N/A	N/A	N/A	1	2	N/A	Discharge of oil drilling wastes and from metal refineries, erosion of natural deposits	
Fluoride (ppm)	2018	0.00046	N/A	N/A	N/A	N/A	2	1	N/A	Erosion of natural deposits, water additive that promotes strong teeth, discharge from fertilizer an aluminum factories	
	10/25/2018	5.5	N/A	2018	04/100%	N/A	TT=1NTU/TT=95% of samples<0.3ntu	N/A	N/A	Soil runoff	
Turbidity (ntu)	Turbidity (measure performance standard	net in NITTIN is a	measurement (I the cloud	ness of water	r and is a	od indicator of wat-	er quality a	nd filtration	filtration performance. Turbidity results which meet	
DETECTION OF CONTA	MINANTS WITH A	SECONDARY D	RINKING WAT	ER STANDA	RD regulate	d to protect	the odor, taste and	i appearan	ce of drinki	ng water.	
Chemical or Constituent	Sample Date	Avg. Level Detected	Range of Results	Sample Date	Avg. Level Detected		MCL [MRDLG]	PHG (MCLG) [MRDLG]	Violation	Typical Source of Contaminant	
(Unit of Measurement)		Raw Water		Treated Water				[MKDLG]			
Aluminum (ppb)	4 quarterly samples in 2018	288	160-620	12 monthly samples in 2018	<25	0-<25	200	N/A	N/A	Erosion of natural deposits, residue from some surface water treatment processes	
Iron (ppb)	4 quarterly samples in 2018	300	160-570	monthly samples in 2018	29.5	2.0-<77	300	N/A	N/A	Leaching from natural deposits, industrial wastes	
Color (unfiltered)	2018	10	N/A	N/A	N/A	N/A	15	N/A	N/A	Naturally occurring organic materials	
Turbidity (ntu)wtp	2018	6:22	2.32-12.60	N/A	N/A	N/A	5	N/A	N/A	Soil runoff	
Chloride (ppm)	2018	110	N/A	N/A	N/A	N/A	500	N/A	N/A	Naturally-occurring organic materials	
Odor Threshold units	2018	2	N/A	N/A	N/A	N/A	3	N/A	N/A	Naturally-occurring organic materials	
Specific Conductance (umhos/cm)	2018	1100	N/A	N/A	N/A	N/A	1600	N/A	N/A	Substances that form ions when in water, seawate influence	
Sulfate (ppm)	2018	280	N/A	N/A	N/A	N/A	500	N/A	N/A	Runoff/leaching from natural deposits, industrial wast	
Total Filterable Residue (tds) (ppm)	2018	730	N/A	N/A	N/A	N/A	1000	N/A	N/A	Runoff/leaching from natural deposits	
DISINFECTION BYPRO	DUCTS, DISINFECT	ANT RESIDUAL	s								
Chemical or Constituent	Sample Date	Avg. Level Detected	Range of Results	Sample Date	Avg. Level Detected	Range of Results	MCL [MRDLG]	PHG (MCLG)	Violation	Typical Source of Contaminant	
(Unit of Measurement)		Raw Water			reated Wat			- 11	51/5	Drinking water disinfectant added for treatment	
Chlorine (ppm)	N/A	N/A	N/A	2018	1.26	1.18-1.38	[4]	[4]	N/A		
TTHM (ppb)	N/A	N/A	N/A	2018	52 (Highest LRAA)	28-65.8	80	N/A	N/A	Byproduct of drinking water disinfection sampled quarterly	
HAAS (ppb)	N/A	N/A	N/A	2018	43 (Highest LRAA)	14,3-22,3	60	N/A	N/A	Byproduct of drinking water disinfection sampled quarterly	
LEAD AND COPPER (T	an water samples we	re collected from	n 30 homes in th	e service are	a)						
SUBSTANCE	YEAR SAMPLED					DETECTED	HOMEABOVE RAL	VIOLATION	(TYPICAL SOURCE	
(unit of measurement					-				Internal	corrosion of household water plumbing systems,	

0.080

0

VIOLATION OF A MC	, MRDL, AL,TT, OR MONITORING AN	D REPORTING REQUIRER	MENT
Violation	Explanation	Duration	Ac

2017

		NO VIC	LATIONS.	DISINFECTION BYPRODUCTS Public water systems using chlorine as their primary disinfectant are required by the USEPA and SWRC8 to				
UNREGULATED CONT				monitor for disinfection by expring to (DRPs). These disinfectants react with natural occurring organic material in				
SUBSTANCE	YEAR SAMPLED	MASSIFF SETTIFF W 500		the water to produce a variety of DBPs. Among these DBPs are TTHMs and HAA5s. Our quarterly sample analysis				
Valuation tooms	2218	0.0033	Leaching from natural depress.	has shown results, below the MCL. If you would like more information or have concerns, please contact our office.				
Sadium (som)	Control of the Contro		ceaching From Astonal Seposits:					
The state of the state of		1	La # fl for a pat upl da april r					

1.3

YEAR SAMPLED MASSIFF SETTLETO'N SOURCE WATER Valuation (spin) Sodium (spin) 0.0039 i anching from Annual deposits Runoff/leaching from natural deposits It a measure of the end of a file from Runoff/Jeaching from natural deposits

and fleating from and all deposits

and fleating from the state of the 23 130 0 17 2019 2015 /leaching from natural deposits 52TB DEFINITIONS TABLE

- (Nephalbanetric funding Unity) Measurement of the charty or muti-day, of water (parts per million). One part per oillion (or micrograms per liter) (parts per million). One part per million (or micrograms per liter) (parts per million). One part per million (or micrograms per liter) (parts per million). One part per million for million for million million for million for million million for million million for milli
- MOREG

COPPER (ppm)

Lead (ppb)

Violation

- You Standard, Regulating Action Levell, The concentration of a contaminant which, if exceeded, friggres restment or other requirements that a size in which make the content of the highest beef of a contaminant that is allowed in disking water. Permay MCLs are set as close as the first figure of the content of the con

[Public Health Goal]: The level of a contaminant in drinking water below which there is no known or expected risk to be PMGs are set by the CEPA. Children was a second property of the CEPA of the

A source water assessment was conducted for the CENTRAL MAIN CANAL of the City of Brawley water system in October, 2017. This source is considered meet valineable to these activities for which no associated contaminant has been detected: concentrated animal feeding operations, agricultural activities such as prelicted use and farm chemical distribution, mining, genthermal weeks, landifilas/dumps, and illegal dumping, a copy of the assessment may be viewed at our Water Treatment Plant Facility located at 780 Willard Avenue, Brawley, CA LEAD IN DRINKING WATER
In 2017, the City Of Browley was required to sample 30 homes for lead and copper. The results of these samples showed levels below the Regulatory Action Level set by the EPA and Water Boards, 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 Brawley is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been stiffing for several hours, you can minimize the obtainful for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking; it you are concerned about feed in your water, you may wish to have your water tested.

The City of Braidey proceived a written request from Brawley elementary school district to lest for lead on 5 of their elementary schools.

Information on least in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Orinking Water Holline or at Website, www.epa.gov/salewater/lead.

Internal corrosion of household water plumbing systems, erosion of natural deposits, leaching from wood preservatives

Internal corrosion of household water plumbing systems, discharge from industrial manufacturers, erosion of natural

INFORMATION ON THE INTERNET

WEB SITES PROVIDE A SUBSTANTIAL AMOUNT OF INFORMATION WES SITES PROVIDE A SUBSTIANT ALL AND ONLY OF INFORMATION ON MANY ISSUES RELATING TO WATER RESOURCES, WATER BOARDS HAS A WEB SITE (WWW.SWRCB.CA.GOV) THAT PROVIDES COMPLETE AND CURRENT INFORMATION ON WATER ISSUES IN OUR STATE. FOR ADDITIONAL WATER CONSERVATION INFORMATION YOU CAN VISIT THE CITY OF BRAWLEY WEBSITE AT:

HTTP:/WWW BRAWLEY-CA.GOV

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Action Taken to Correct the Violation Health Effects

