CITY OF BUELLTON WATER SYSTEM - CONSUMER CONFIDENCE REPORT FOR 2023 PERIOD – PRINTED JUNE 2024

Definitions:

ACU – Apparent Color Units.

AL – Regulatory Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

CFU/ml – Colony Forming Units per milliliter.

MCL – Maximum Contaminant Level: the highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

MCLG – Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the US Environmental Protection Agency (USEPA).

MRDL – Maximum Residual Disinfectant Level NA – Not applicable.

ND – Not detectable at testing limit.

NTU – Nepholometric Turbidity Unit: A measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

pCi/L – picocuries per liter (a measure of radiation)

PDWS – Primary Drinking Water Standards: MCLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

PHG – Public Health Goal: 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 Environmental Protection Agency (CalEPA).

ppb – parts per billion or micrograms per liter (ug/L).

ppm – parts per million or milligrams per liter (mg/L).

SDWS – Secondary Drinking Water Standards: MCLs for contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.

TON – Threshold Odor Number

TT – Treatment Technique

Us/cm – umhos/cm – unit of specific conductance of water.

Substances that Could Be in 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.

In order to ensure that tap water is safe to drink, USEPA and the CDPH prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. CDPH regulations also establish limits for contaminants in bottled water that 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 contaminants does not necessarily indicate that water poses a health risk.

Contaminants that may be present in source water include:

*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.

*Microbial contaminants such as viruses and bacteria that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.

***Organic chemical contaminants** including synthetic and volatile organic chemicals that are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.

*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.

Community Participation:

The City Council holds regularly scheduled Council meetings on the second and fourth Thursdays of every month at 6:00 pm at the Council Chambers located at: 140 W. Highway 246.

Questions If you have any questions about this report or your water, please contact the City of Buellton Public Works Department at: 805-686-0137

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien.

Important Health Information Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised 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. More information about contaminants and potential health effects are available from the Safe Drinking Water Hotline: 800-426-4791 or http://water.epa.gov/drink/hotline.

Buellton Water Sources and Treatment The City of Buellton's source of supply is from four groundwater wells (Buellton Uplands and Santa Ynez River Underflow) and is supplemented by the State Water Project (from Northern California via aqueduct). Groundwater is treated using media filtration as well as disinfection. The annual groundwater production of clean drinking water in 2022 for the City was 1063 acre feet, or 0.95 million gallons per day.

Source Water Assessments In accordance with the State's Drinking Water Source Assessment Program, a Source Water Assessment for all four of the City's wells was completed in March 2001 and updated in January 2021. These assessments include a delineation of the areas around a drinking water source through which contaminants might move and reach that drinking water supply; an inventory of possible contaminating activities (PCAs) that might lead the release of microbiological or chemical contaminants within the delineated area; and a determination of the PCAs to which the drinking water source is most vulnerable. Copies of these assessments may be viewed at: California Department of Public Health (CDPH) District 6 Field Operations: 1180 Eugenia Place, Suite 200, Carpinteria, CA 93013 or online at: http://www.cdph.ca.gov/certlic/drinkingwater/pages/dwsap.aspx

CCR Going Paperless Historically, the City of Buellton has mailed its customers a printed copy of the CCR to comply with the Safe Drinking Water Act (SDWA). On February 21, 2013, the California Department of Public Health expanded its interpretation of the SDWA to allow for electronic delivery of the CCR. The electronic delivery will allow us to reduce consumption of paper and minimize potential printing costs. Since 2015 the City's CCR has not been mailed but has been available on our City webpage www.citvofbuellton.com/public-works.asp Hard copies are located at City Hall and the Public Library mailed upon request.

CITY OF BUILD TON WATER SYSTEM.	CONSUMER CONSIDENCE REPOR	
CITT OF BUELLION WATER STSTEIN.	CONSOIVIER CONFIDENCE REPOR	T FOR 2025 PERIOD - PRINTED JOINE 2024

					TREATED	sou		Γ		
Parameter	Units	State	PHG	Range	CCWA	STATE	GROUND	Major Sources of Drinking Water		
Clarity		MCL	(MCLG)	Average	PPWTP	WATER	WATER			
Combined Filter Effluent	NTU	TT=< N	ITU EVERY 4HO	URS	0.04-0.12	NA	0.12-0.40	Soil runoff		
Turbidity		TT=95% (OF SAMPLES <0	.3 NTU	100%	NA	0.15			
	r	1	[M	CROBIOLOGIC	AL	1	-		
Total Coliform Bacteria	-	5.00%	0	Range	0%	NA	0 positives	Naturally present in the environment		
(Disti : System-wide)				Average	0.00%	NA	0 positives			
Fecal Coliform E. coli (Distr. System-Wide)	-	-	0	Range	0 positives	NA	0 positives	Human and animal fecal waste		
Average 0 positives NA 0 positives										
				Range	ND	0.055-1.3	ND	Residue from water treatment process: Erosion of		
Aluminum	ppm	1	0.6	Average	ND	0.324	ND	natural deposits		
Arsenic (Total)	ppb	10	0.004	Range	ND	ND	ND	Erosion of natural deposits; glass & electronics		
				Average	ND	ND	ND E4	production wastes		
Nitrate (as N)	ppm	10	10	Average	ND	ND	0.135	erosion of natural deposits		
Eluorido		2	1	Range	ND	ND	.2834	Runoff & leaching from fertilizer use; sewage;		
Fladhae	ppin	2	1	Average	ND	ND	0.315	erosion of natural deposits		
				RA	DIONUCLIDES (f)	2 62 5 74			
Gross Alpha	pCi/L	15	0	Average	ND ND	ND ND	2.63-5.74	Erosion of Natural deposits		
				Range	NA	ND	6.1-7.6			
Uranium	pCi/L	20	0.43	Average	NA	ND	6.7	Erosion of Natural deposits		
	1			DISTRIBUTI	ON SYSTEM MO	ONITORING	1	Γ		
TOTAL CHLORINE	ppm	MRDL=4	MRDLG=4	Range	1.05-4.06	NA	0.12-2.20	Measurement of the disinfectant used in the		
RESIDUAL	<u> </u>			Average	2.87	NA	1.43	prodution of drinking water		
Total Trihalomethanes	ppb	80	n/a	Range	24-77	NA	3.9-17	By-product of drinking water Chlorination		
				Range	54 14 - 41	NA	10 ND-6.5			
Haloacetic acids	ppb	60	NA	Average	26	NA	3.25	By-product of drinking water Chlorination		
	-		SEC	CONDARY STA	NDARDS-Aesti	hetic Standar	ds			
Chloride	ppm	500	NA	Range	13-105	9-100	42-61	Runoff/leaching from natural deposits; seawater		
				Average	48	45	48.5	initience		
Color (ACU)	ACU	15	NA	Average	ND	15	7.4	Naturally occurring organic materials		
Iron	nnh	300	NA	Range	ND	0.29	ND	Leaching trom natural denosits: Industrial wastes		
	ppp	500		Average	ND	0.29	ND			
Manganese	ppb	50	NA	Range	ND	23	ND	Leaching from natural deposits		
				Range	ND	8	ND			
Odor Threshold	TON	3	NA	Average	ND	8	ND	Naturally occurring organic materials		
Specific Conductance	Us/CM	1600	NA	Range	152-611	114-562	1100	Substances that form ions when in seawater		
				Average	381	322	1100	influence water;		
Sulfate	ppm	500	NA	Range	42	21	230-270	Runoff/leaching from natural deposits; industrial wastes		
				Range	150	130	750-840	Bunoff/loophing from natural denosity conveter		
Total Dissolved Solids	ppm	1000	NA	Average	150	130	780	influence		
		_		Range	ND - 0.25	ND - 4.8	0.10-0.40			
Turbidity (Monthly)	NIU	5	NA	Average	0.06	1.24	0.25	Soil runoff		
	1		UNREG	ULATED SUBS	TANCES – Add	itional Paran	neters			
Alkalinity (Total)	ppm	NA	NA	Range	28 - 86	30-96 57	270-310	Runoff/leaching from natural deposits; seawater influence		
				Range	13.4	13.6	93-110	Runoff/leaching from natural deposits: seawater		
Calcium	ppm	NA	NA	Average	13.4	13.6	98.5	influence		
Hardness (Total	nnm	NA	NA	Range	28-134	24 - 136	440-470	Leaching from natural denosits		
Hardness)	ppiii	na	ha	Average	78	79	460			
Heterotrophic Plate Count	CELI/ml	π	NA	Range	0 - 29	NA	ND-71	Naturally present in the environment		
opine i late coulit	2. 37111			Average	2	NA	5.8			
Magnesium	ppm	NA	NA	Range	5.75	6.24	50-55	Runoff/leaching from natural deposits; seawater		
				Average	5.75 7.2- 8 9	6.24 7.38- 8 8	52.75	Runoff/leaching from natural donosite converter		
рН	рН	NA	NA	Average	8.4	8	7.6	influence		
Potassium	nnm	NA	NA	Range	2.2	2.3	2.5-2.8	Runoff/leaching from natural deposits; seawater		
				Average	2.2	2.3	2.65	influence		
Sodium	ppm	NA	NA	Range Average	31 31	22	60-65	Runoff/leaching from natural deposits; seawater influence		
Total Organic Carbon			ļ	Range	1- 3 1	2-52	0.79-1 9			
(TOC)	ppm	Π	NA	Average	21	3.6	15	Various naturals and manmade sources		
		l		LEAD .	AND COPPER	RULE	·			
Data for Lead and Copper is from										
August/September 2020 -	No. of S	amples Collected	90th %tile	Detected	No. Sites exceeding AI	AL	PHG	Typical Source of Contaminant		
Triennial Sampling. Next sampling is in 2023.										
		20						Internal corrosion of household water plumbing		
Lead (PPB)		20	(ט	1	0.015	0.1	systems; discharges from industrial manufaturers, erosion of natural deposits		
			ļ					Internal corrosion of household water plumbing		
Copper (PPM)		20	1	.1	1	1.3	0.3	systems; erosion of natural deposits; leaching wood preservatives		
				MONIT	ORING VIOLA	TIONS				
					None.					
+										
What happened / What is	Reing Do-				ļ					
For Lead and Cooper: Both	househo	lds were notified	of their results	of exceedence	for Lead or Cop	per and an info	ormational lett	er regarding health effects, potential sources and		
how to reduce exposure in	drinking	water. In compliar	nce with 40 Cod	le of Federal Re	gulations Sections	on 141.85(d), tl	hese notices w	ere delivered by hand on August 14, 2023.		
Data represented on these tables covers the reporting period of January December 2022 Consumer Confidence Beneri is winted on 1/2-2024										
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