APPENDIX F: Certification Form (Suggested Format)

Consumer Confidence Report
Certification Form
(to be submitted with a copy of the CCR)

(To certify electronic delivery of the CCR, use the certification form on the State Water Board's website at http://www.swrcb.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml)

Water System Name:	City of Colusa
Water System Number:	0610002

The water system named above hereby certifies that its Consumer Confidence Report was distributed on _____ (*date*) to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the State Water Resources Control Board, Division of Drinking Water.

Certified by:	Name:	**Jesse Cain**	
	Signature:	Jesse Cain	
	Title:	**City Manager**	
	Phone Number:	(530) 682-2933	Date: **6-13-2022**

To summarize report delivery used and good-faith efforts taken, please complete the below by checking all items that apply and fill-in where appropriate:

x☐ CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used: Mailed to each customer On 5-26-2022_____

x☐ "Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods:

- x☐ Posting the CCR on the Internet at www. cityofccolusa.com_____
- x☐ Mailing the CCR to postal patrons within the service area (attach zip codes used) 95932
- ☐ Advertising the availability of the CCR in news media (attach copy of press release)
- ☐ Publication of the CCR in a local newspaper of general circulation (attach a copy of the published notice, including name of newspaper and date published)
- ☐ Posted the CCR in public places (attach a list of locations) City hall 425 Webster st

- ☐ Delivery of multiple copies of CCR to single-billed addresses serving several persons, such as apartments, businesses, and schools
- ☐ Delivery to community organizations (attach a list of organizations)
- ☐ Other (attach a list of other methods used)

☐ *For systems serving at least 100,000 persons*: Posted CCR on a publicly-accessible internet site at the following address: www._____

☐ *For investor-owned utilities*: Delivered the CCR to the California Public Utilities Commission

This form is provided as a convenience for use to meet the certification requirement of the California Code of Regulations, section 64483(c).

City of Colusa - 2021 Water Quality
Consumer Confidence Report - Public Water System # 0610002

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

Water in the City of Colusa originates from five groundwater sources known as Well #2, Well #3, Well #4, Well #5, and Well #6. For additional information about the drinking water, contact **Public Works at 458-2032.**

Public Meetings: Regularly scheduled public meetings occur on first and third Tuesdays of every month at 6:00 pm at the City Hall located at 425 Webster St.

Definitions of terms used in this report:

Maximum Contaminant Level (MCL): 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 technologically, and economically feasible.

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 Environmental Protection Agency.

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water for which there is no known or expected risk to health. The Federal Environmental Protection Agency (USEPA) set all MCLGs.

Maximum Residual Disinfectant Level (MRDL): The level of a disinfectant added for water treatment that may not be exceeded at the consumer's tap.

ppb: parts per billion or micrograms per liter

ppm: parts per million or milligrams per liter

pCi/L: picocuries per liter (a measure of radioactivity)

NTU: Nephelometric Turbidity Units

TDS: Total Dissolved Solids

Microbiological Water Quality:

Testing for bacteriological contaminants in the distribution system is required by State regulations. This testing is done regularly to verify that the water system is free from coliform bacteria. The minimum number of tests required per month is Seven. The Water in the distribution system is sampled 7 times per month for coliform bacteria and no coliform bacteria samples were found in 2021.

Lead & Copper Testing Results:

Lead & copper testing of water from individual taps in the distribution system is required by State regulations. The table below summarizes the most recent sampling for lead and copper. No results were over the action level.

Chemical	Year Tested	Number of samples collected	Number of samples required	90th Percentile Result (ppb)	Action Level (ppb)
Lead	2021	23	20	ND	15
Copper	2021	23	20	ND	1300

Detected Contaminants in our water: The following table lists all detected chemicals in our water during most recent sampling. Note: not all sampling is required annually so in some cases our results are more than one year old. As of 1/01/2021

Chemical Detected	Water Source	Year Tested	Level Detected	MCL	PHG	Origins
Arsenic	Well 2	2020	3 ppb	10 Ppb	0.004 ppb	Erosion of natural deposits runoff from orchards, glass and electronics production wastes
	Well 3	2020	4 ppb			
	Well 4	2020	2 ppb			
	Well 5	2020	ND ppb			
	Well 6	2020	3 ppb			
Calcium	Well 2	2020	9 ppm	none	None	Naturally occurring
	Well 3	2020	11 ppm			
	Well 4	2020	18 ppm			
	Well 5	2020	14 ppm			
	Well 6	2020	14 ppm			
Chloride	Well 2	2020	21 ppm	500 ppm	None	Naturally occurring
	Well 3	2020	31 ppm			
	Well 4	2020	42 ppm			
	Well 5	2020	26 ppm			
	Well 6	2020	32 ppm			
Chlorine	System avg. (range)	2020	1.0 ppm (0.2 – 1.8)	MRDL 4	None	Drinking water disinfectant
Fluoride	Well 2	2020	0.1 ppm	2.0 ppm	1	Erosion of natural deposits: water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
	Well 3	2020	0.1 ppm			
	Well 4	2020	ND ppm			
	Well 5	2020	ND ppm			
	Well 6	2020	ND ppm			
ChromiumVI	Well 2	2020	ND	None	02 ppm	Discharge from electroplating factories leather tanners wood preservation chemical synthesis refractory production and textile manufacturing facilities, erosion of natural deposits
	Well 3	2020	ND			
	Well 4	2020	ND			
	Well 5	2020	ND			
	Well 6	2020	ND			
Foaming Agents	Well 2	2008	100 ppb	500 ppb	None	Municipal and industrial waste discharges
	Well 3	2014	ND ppb			
	Well 4	2014	ND ppb			
	Well 5	2014	ND ppb			
	Well 6	2014	ND ppb			
Gross Alpha	Well 2	2016	1.49 pCi/L	15 pCi/L	None	Erosion of natural deposits
	Well 3	2016	0.57 pCi/L			
	Well 4	2016	0.44 pCi/L			
	Well 5	2016	0.31 pCi/L			
	Well 6	2016	1.41 pCi/L			
Hardness	Well 2	2020	55.4mg/L	None	None	Naturally occurring
	Well 3	2020	56.2mg/L			
	Well 4	2020	98.4mg/L			
	Well 5	2020	80.2mg/L			
	Well 6	2020	80.2 mg/L			
* Iron (average)	Well 2	2021	167.5 ppb	300 ppb	None	Erosion of natural deposits
	Well 3	2021	ND ppb			
	Well 4	2021	ND ppb			
	Well 5	2021	ND ppb			
	Well 6	2021	ND ppb			
Magnesium	Well 2	2020	8 ppm	none	None	Naturally occurring
	Well 3	2020	7 ppm			
	Well 4	2020	13 ppm			
	Well 5	2020	11 ppm			
	Well 6	2020	11 ppm			
* Manganese (average)	Well 2	2021	67.5 ppb	50 ppb	None	Erosion of natural deposits
	Well 3	2021	75 ppb			
	Well 4	2021	80 ppb			
	Well 5	2021	40 ppb			
	Well 6	2021	43 ppb			
Nitrate	Well 2	2021	ND	10 ppm	10 ppm	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
	Well 3	2021	ND			
	Well 4	2021	ND			
	Well 5	2021	ND			
	Well 6	2021	ND			
Odor Threshold	Well 2	2020	ND	3 units	None	Hydrogen Sulfide
	Well 3	2020	ND			
	Well 4	2020	ND			
	Well 5	2020	ND			
	Well 6	2020	1 unit			
Radium 228	Well 2	2016	ND	none	1.0	Erosion of natural deposits
	Well 3	2016	ND			
	Well 4	2016	ND			
	Well 5	2016	0.11 pCi/L			
	Well 6	2016	0.16 pCi/L			
Sodium	Well 2	2020	86 ppm	None	None	Naturally occurring
	Well 3	2020	90 ppm			
	Well 4	2020	110 ppm			
	Well 5	2020	96 ppm			
	Well 6	2020	98 ppm			
Sulfate	Well 2	2020	11.9 ppm	500 ppm	None	Naturally occurring
	Well 3	2020	7.7 ppm			
	Well 4	2020	26.7 ppm			
	Well 5	2020	20.6 ppm			
	Well 6	2020	5.8 ppm			

Chemical Detected	Water Source	Year Tested	Level Detected	MCL	PHG	Origins
TDS	Well 2	2011	341 ppm	1500 ppm	None	Naturally occurring
	Well 3	2011	326 ppm			
	Well 4	2011	436 ppm			
	Well 5	2011	349 ppm			
	Well 6	2011	293 ppm			
Total Trihalo-methanes	System	2021	ND	80 ug/L	None	Byproduct of drinking water disinfection
Turbidity	Well 2	2020	0.5 NTU	5 NTU	None	Naturally occurring
	Well 3	2020	0.6 NTU			
	Well 4	2020	0.2 NTU			
	Well 5	2020	0.1 NTU			
	Well 6	2020	20.8 NTU			
Vanadium	Well 2	2005	27.4 ppb	50 ppb	none	Erosion of natural deposits
Zinc	Well 6	2020	ND	5000 ppb	None	Erosion of natural deposits, industrial wastes
	Well 5	2020	ND			
	Well 4	2020	ND			
	Well 3	2020	50			
	Well 2	2020	ND			
1,2,3 Techloropropane	System	2019	ND	80 ppb	None	Byproduct of drinking water disinfection

***All results exceeding standards are marked with an asterisk**

General Information on Drinking Water:

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 mean the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline at 1-800-426-4791 or visit website: "www.epa.gov/safewater"

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 individuals, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. The USEPA/Center for Disease Control guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline at 1-800-426-4791.

Source Water Assessment:

A source water assessment was completed by the City of Colusa on April 30, 2001. The assessment determined the contaminant hazards near the well sites, which would most likely threaten its water quality. The sources are considered most vulnerable to the following activities not associated with any detected contaminants.

- -Sewer collection systems (Wells 2 & 5)
- -Automobile-gas stations (Wells 2 & 6)
- -Underground injection of commercial/industrial discharges (Well 3)
- -Underground storage tanks – confirmed leaking tanks (Well 3)
- -Historic waste dumps (Well 4)

For further information on this source water assessment, call the City of Colusa at (530) 458-4941 or contact SWRCB Division of Drinking Water 364 Knollcrest Dr. #101, Redding, CA 96002; telephone (530) 224-4800

Violation Information: State records indicate that Well 2, 3, and 4 exceed the MCL for Manganese and Well 2, exceed the MCL for Iron. Manganese and Iron are on the state's Secondary Standards list of chemicals, as there are no associated health risks for these levels of manganese or iron in the drinking water. The State has requested no further action on our part at this time. The City is considering treatment methods to reduce the amount of these contaminants in the water

Additional Information:

While your drinking water meets the federal and state standard for arsenic, it does contain low levels of arsenic. The arsenic standard balances the current understanding of arsenic's possible health effects against the costs of removing