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:	**ABBEY OF NEW CLAIRVAUX**
Water System Number:	**CA5200559**

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 03-21-2023 (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:	CARLOS GALVIS	
	Signature:	[signature]	
	Title:	GENERAL MANAGER	
	Phone Number:	(530) 839-2161	Date: 03-21-2023

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

☒ CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used:
POSTED ON BILLBOARD, E-MAILED TO WATER USERS IN THE MONASTERY

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

- ☐ Posted the CCR on the internet at http://_____
- ☐ Mailed the CCR to postal patrons within the service area (attach zip codes used)
- ☐ Advertised the availability of the CCR in news media (attach a 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 the newspaper and date published)
- ☐ Posted the CCR in public places (attach a list of locations)
- ☐ Delivery of multiple copies of CCR to single bill 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: http://_____

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

(This form is provided as a convenience and may be used to meet the certification requirement of section 64483(c), California Code of Regulations.)

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,* that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- *Organic chemical contaminants,* including synthetic and volatile organic chemicals, that are by-products if industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- *Radioactive contaminants,* that can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the USEPA and the State Water Resource Control Board (State Water Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. State Water Board regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Tables 1, 2, 3, 4, 5 and 6 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The State Water Board allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old.

Any violation of MCL, AL or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

Table 1 - SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER

Lead and Copper (complete if lead or copper detected in last sample set)	**Sample Date**	**No. of Samples**	**90th percentile level detected**	**No. Sites Exceeding AL**	**AL**	**PHG**	**Typical Sources of Contaminant**
Copper (mg/L)	(2021)	5	0.04	0	1.3	.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

Table 2 - SAMPLING RESULTS FOR SODIUM AND HARDNESS

Chemical or Constituent (and reporting units)	**Sample Date**	**Average Level Detected**	**Range of Detections**	**MCL**	**PHG (MCLG)**	**Typical Sources of Contaminant**
Sodium (mg/L)	(2021)	11	n/a	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2021)	97.5	n/a	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

Table 3 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	**Sample Date**	**Average Level Detected**	**Range of Detections**	**MCL [MRDL]**	**PHG (MCLG) [MRDLG]**	**Typical Sources of Contaminant**
Hexavalent Chromium (ug/L)	(2014)	2.8	n/a		0.02	Discharge from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities; erosion of natural deposits.

Table 4 - DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD						
Chemical or Constituent (and reporting units)	**Sample Date**	**Average Level Detected**	**Range of Detections**	**MCL**	**PHG (MCLG)**	**Typical Sources of Contaminant**
Chloride (mg/L)	(2021)	4	n/a	500	n/a	Runoff/leaching from natural deposits; seawater influence
Specific Conductance (umhos/cm)	(2021)	224	n/a	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	(2021)	2.8	n/a	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	(2021)	170	n/a	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2021)	0.1	n/a	5	n/a	Soil runoff

Table 5 - DETECTION OF UNREGULATED CONTAMINANTS					
Chemical or Constituent (and reporting units)	**Sample Date**	**Average Level Detected**	**Range of Detections**	**Notification Level**	**Typical Sources of Contaminant**
Boron (mg/L)	(2021)	0.1	n/a	1	Boron exposures resulted in decreased fetal weight (developmental effects) in newborn rats.

Table 6 - ADDITIONAL DETECTIONS					
Chemical or Constituent (and reporting units)	**Sample Date**	**Average Level Detected**	**Range of Detections**	**Notification Level**	**Typical Sources of Contaminant**
Calcium (mg/L)	(2021)	16	n/a	n/a	n/a
Magnesium (mg/L)	(2021)	14	n/a	n/a	n/a
pH (units)	(2021)	7.2	n/a	n/a	n/a
Alkalinity (mg/L)	(2021)	100	n/a	n/a	n/a
Aggressiveness Index	(2021)	10.8	n/a	n/a	n/a
Langelier Index	(2021)	-1	n/a	n/a	n/a

Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts if some contaminants. The presence of contaminants does not necessarily indicate that 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 (1-800-426-4791).

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. USEPA/Centers for Disease Control (CDC) 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).

Lead Specific Language for Community Water Systems: 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 the service lines and home plumbing. *Abbey of New Clairvaux* is responsible for providing high quality drinking water, but cannot control the variety of materials used in 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 the Safe Drinking Water Hotline or at http://www.epa.gov/lead.

2022 Consumer Confidence Report

Drinking Water Assessment Information

Assessment Information

A Drinking Water Source Assessment was conducted for the EAST WELL of the ABBEY OF NEW CLAIRVAUX water system in March, 2002.

EAST WELL - is considered most vulnerable to the following activities not associated with any detected contaminants:
Pesticide/fertilizer/petroleum storage & transfer areas
Sewer collection systems
Wells - Agricultural/ Irrigation

Discussion of Vulnerability

There have been no contaminants detected in the water supply, however the source is still considered vulnerable to activities located near the drinking water source.
The two wells are considered to be most vulnerable to contamination from pesticide/fertilizer/petroleum storage & transfer areas, sewer collection systems, and agricultural/irrigation wells in the general vicinity of the wells.

Acquiring Information

A copy of the complete assessment may be viewed at:
Tehama County Environmental Health Dept.
633 Washington Street, Room 36
Red Bluff, CA 96080

You may request a summary of the assessment be sent to you by contacting:
Tia Branton
tbranton@co.tehama.ca.us
(530)527-8020

Abbey of New Clairvaux

Analytical Results By FGL - 2022

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Copper		mg/L		1.3	.3			0.035	5
Kitchen-refrigerator	CH 2173807-3	mg/L				2021-06-02	ND		
professed washroom	CH 2173807-4	mg/L				2021-06-02	0.07		
senior room	CH 2173807-5	mg/L				2021-06-02	ND		
St. Luke Kithcen	CH 2173807-1	mg/L				2021-06-02	ND		
Winery	CH 2173807-2	mg/L				2021-06-02	ND		

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		mg/L		none	none			11	11 - 11
EAST WELL	CH 2171179-1	mg/L				2021-03-01	11		
Hardness		mg/L		none	none			97.5	97.5 - 97.5
EAST WELL	CH 2171179-1	mg/L				2021-03-01	97.5		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Hexavalent Chromium		ug/L			0.02			2.8	2.8 - 2.8
EAST WELL	CH 1478962-1	ug/L				2014-12-08	2.8		

SECONDARY DRINKING WATER STANDARDS (SDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		mg/L		500	n/a			4	4 - 4
EAST WELL	CH 2171179-1	mg/L				2021-03-01	4		
Specific Conductance		umhos/cm		1600	n/a			224	224 - 224
EAST WELL	CH 2171179-1	umhos/cm				2021-03-01	224		
Sulfate		mg/L		500	n/a			2.8	2.8 - 2.8
EAST WELL	CH 2171179-1	mg/L				2021-03-01	2.8		
Total Dissolved Solids		mg/L		1000	n/a			170	170 - 170
EAST WELL	CH 2171179-1	mg/L				2021-03-01	170		
Turbidity		NTU		5	n/a			0.1	0.1 - 0.1
EAST WELL	CH 2171180-1	NTU				2021-03-01	0.1		

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Boron		mg/L		NS	n/a			0.1	0.1 - 0.1
EAST WELL	CH 2171179-1	mg/L				2021-03-01	0.1		

ADDITIONAL DETECTIONS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Calcium		mg/L			n/a			16	16 - 16
EAST WELL	CH 2171179-1	mg/L				2021-03-01	16		
Magnesium		mg/L			n/a			14	14 - 14
EAST WELL	CH 2171179-1	mg/L				2021-03-01	14		
pH		units			n/a			7.2	7.2 - 7.2
EAST WELL	CH 2171179-1	units				2021-03-01	7.2		
Alkalinity		mg/L			n/a			100	100 - 100
EAST WELL	CH 2171179-1	mg/L				2021-03-01	100		

Aggressiveness Index					n/a			10.8	10.8 - 10.8
EAST WELL	CH 2171179-1					2021-03-01	10.8		
Langelier Index					n/a			-1.0	-1.0 - -1.0
EAST WELL	CH 2171179-1					2021-03-01	-1.0		

Abbey of New Clairvaux

CCR Login Linkage - 2022

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
CLSTR	CH 2271561-1	2022-03-09	Coliform	Cloister	Bacteriological Monitoring-3
	CH 2274238-1	2022-06-13	Coliform	Cloister	Bacteriological Monitoring-3
	CH 2277812-1	2022-09-12	Coliform	Cloister	Bacteriological Monitoring-3
	CH 2290023-1	2022-12-05	Coliform	Cloister	Bacteriological Monitoring-3
EWELL	CH 1478962-1	2014-12-08	Wet Chemistry	EAST WELL	ABBEY OF NEW CLAIRVAUX
	CH 2171180-1	2021-03-01	Wet Chemistry	EAST WELL	General Physical Monitoring
	CH 2171179-1	2021-03-01	General Mineral	EAST WELL	Drinking Water Monitoring
Kitchen-refrige	CH 2173807-3	2021-06-02	Metals, Total	Kitchen-refrigerator	Lead & Copper Monitoring
professed washr	CH 2173807-4	2021-06-02	Metals, Total	professed washroom	Lead & Copper Monitoring
senior room	CH 2173807-5	2021-06-02	Metals, Total	senior room	Lead & Copper Monitoring
SHOP SINK	CH 2270308-1	2022-01-19	Coliform	Shop Sink	Bacteriological Monitoring-1
	CH 2272704-1	2022-04-20	Coliform	Shop Sink	Bacteriological Monitoring-1
	CH 2275503-1	2022-07-11	Coliform	Shop Sink	Bacteriological Monitoring-1
	CH 2278653-1	2022-10-10	Coliform	Shop Sink	Bacteriological Monitoring-1
ST. LUKE DR	CH 2270834-1	2022-02-14	Coliform	St. Luke Dining Room	Bacteriological Monitoring-2
	CH 2272989-1	2022-05-02	Coliform	St. Luke Dining Room	Bacteriological Monitoring-2
	CH 2276614-1	2022-08-08	Coliform	St. Luke Dining Room	Bacteriological Monitoring-2
	CH 2279439-1	2022-11-07	Coliform	St. Luke Dining Room	Bacteriological Monitoring-2
St. Luke Kithce	CH 2173807-1	2021-06-02	Metals, Total	St. Luke Kithcen	Lead & Copper Monitoring
Winery	CH 2173807-2	2021-06-02	Metals, Total	Winery	Lead & Copper Monitoring