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:	**SPAULDING EAGLE LAKE MWC**
Water System Number:	**CA1800534**

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:		
	Signature:		
	Title:		
	Phone Number:	( )	Date:

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:

_____

_____

☐ "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.)

2021 Consumer Confidence Report

Water System Name: SPAULDING EAGLE LAKE MWC Report Date: March 2022

We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 - December 31, 2021.

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

Type of water source(s) in use: According to SWRCB records, this Source is Groundwater. This Assessment was done using the Default Groundwater System Method. Well 02 was disconnected mid-April of 2016 and well 03 was put on line mid April 2016. It is the new west well. Well 02 is no longer a water source and was abandoned.

Your water comes from 3 source(s): Well 01 - East, Well 02 - West(Representative) and Well 03 (New West Well) - RAW

Opportunities for public participation in decisions that affect drinking water quality: Regularly-scheduled water board or city/county council meetings are held annually, on Saturday before Labor day weekend at 2pm in front of the well house on Fir Drive or at The Spalding Community Center on Mahogany Way. Sign with notice of meeting location at only entrance to Water Company area of Spalding.

For more information about this report, or any questions relating to your drinking water, please call (530) 825 - 3275 and ask for John Monticelli.

TERMS USED IN THIS REPORT

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

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

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 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.

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.

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

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

Treatment Technique (TT): 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.

Level 1 Assessment: A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment: A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

ND: not detectable at testing limit

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

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

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

NTU: Nephelometric Turbidity Units

umhos/cm: micro mhos per centimeter

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.

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 and 5 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	0.10	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)	(2020)	9	n/a	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2020)	88.2	77.0 - 99.3	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**
Gross Alpha (pCi/L)	(2017 - 2018)	1.165	ND - 2.33	15	(0)	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)	(2020)	1	ND - 1	500	n/a	Runoff/leaching from natural deposits; seawater influence
Iron (ug/L)	(2020)	150	110 - 190	300	n/a	Leaching from natural deposits; Industrial wastes
Manganese (ug/L)	(2020)	50	30 - 70	50	n/a	Leaching from natural deposits
Specific Conductance (umhos/cm)	(2020)	224	194 - 254	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	(2020)	ND	ND - 0.8	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	(2020)	130	110 - 150	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2020)	0.7	0.2 - 1.1	5	n/a	Soil runoff

Table 5 - 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)	(2020)	18	16 - 20	n/a	n/a
Magnesium (mg/L)	(2020)	11	9 - 12	n/a	n/a
pH (units)	(2020)	6.9	6.8 - 7.0	n/a	n/a
Alkalinity (mg/L)	(2020)	105	90 - 120	n/a	n/a
Aggressiveness Index	(2020)	10.6	10.4 - 10.8	n/a	n/a
Langelier Index	(2020)	-1.2	-1.4 - -1.0	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. *Spaulding E.L. Mutual Water Company* 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.

Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement

VIOLATION OF A MCL,MRDL,AL,TT, OR MONITORING AND REPORTING REQUIREMENT				
Violation	**Explanation**	**Duration**	**Actions Taken To Correct the Violation**	**Health Effects Language**
Manganese				Manganese was found at levels that exceed the secondary MCL. The Manganese MCL was set to protect you against unpleasant aesthetic affects such as color, taste, odor and the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCL does not pose a risk to public health.

2021 Consumer Confidence Report

Drinking Water Assessment Information

Assessment Information

A source water assessment was conducted for the WELL 02 of the SPAULDING EAGLE LAKE MWC water system in December, 2001. WELL 01 and WELL 03 do not have a completed assessment on file however are in very close proximity to WELL 02.

Well 01 - East - does not have a completed assessment on file.

Well 02 - West(Representative) - is considered most vulnerable to the following activities associated with contaminants detected in the water supply:
Sewer collection systems

is considered most vulnerable to the following activities not associated with any detected contaminants:
Above ground storage tanks
Wells - Water supply

Well 03 (New West Well) - RAW - does not have a completed assessment on file.

Discussion of Vulnerability

Due to the detection of Nitrate (as N03) in the month of July 2000, Well 02 is considered most vulnerable to activities that may have contributed to or caused the release of Nitrates. Nitrate is associated with runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits. This chemical has been non-detected since. Well 02 was disconnected mid-April of 2016 and well 03 was put on line mid April 2016. Well 03 is the new west well.

Acquiring Information

A copy of the complete assessment may be viewed at:
Spaulding/Eagle Lake MWC
687-045 Fir Way
Susanville, Ca 96130

You may request a summary of the assessment be sent to you by contacting:
Reese Crenshaw
364 Knollcrest Dr Suite 101
Redding, CA 96002
reese.crenshaw@waterboards.ca.gov
(530)224-4861

Spaulding E.L. Mutual Water Company

Analytical Results By FGL - 2021

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Copper		mg/L		1.3	.3			0.1	5
686-730 Acorn	CH 2176980-2	mg/L				2021-08-25	ND		
686-795 Bamboo	CH 2176980-3	mg/L				2021-08-25	0.08		
686-875 Acacia	CH 2176980-4	mg/L				2021-08-25	0.12		
687-000 Acorn	CH 2176980-5	mg/L				2021-08-25	ND		
687-105 Acacia Wy.	CH 2176980-1	mg/L				2021-08-25	ND		

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		mg/L		none	none			9	9 - 9
Well 01 - East	CH 2073066-1	mg/L				2020-05-06	9		
Well 03 (New West Well) - RAW	CH 2077427-1	mg/L				2020-09-09	9		
Hardness		mg/L		none	none			88.2	77.0 - 99.3
Well 01 - East	CH 2073066-1	mg/L				2020-05-06	99.3		
Well 03 (New West Well) - RAW	CH 2077427-1	mg/L				2020-09-09	77.0		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Gross Alpha		pCi/L		15	(0)			1.165	ND - 2.33
Well 01 - East	CH 1778264-1	pCi/L				2017-09-20	ND		
Well 03 (New West Well) - RAW	CH 1871961-1	pCi/L				2018-03-21	2.33		

SECONDARY DRINKING WATER STANDARDS (SDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		mg/L		500	n/a			1	ND - 1
Well 01 - East	CH 2073066-1	mg/L				2020-05-06	1		
Well 03 (New West Well) - RAW	CH 2077427-1	mg/L				2020-09-09	ND		
Iron		ug/L		300	n/a			150	110 - 190
Well 01 - East	CH 2073066-1	ug/L				2020-05-06	190		
Well 03 (New West Well) - RAW	CH 2077427-1	ug/L				2020-09-09	110		
Manganese		ug/L		50	n/a			50	30 - 70
Well 01 - East	CH 2073066-1	ug/L				2020-05-06	30		
Well 03 (New West Well) - RAW	CH 2077427-1	ug/L				2020-09-09	70		
Specific Conductance		umhos/cm		1600	n/a			224	194 - 254
Well 01 - East	CH 2073066-1	umhos/cm				2020-05-06	254		
Well 03 (New West Well) - RAW	CH 2077427-1	umhos/cm				2020-09-09	194		
Sulfate		mg/L		500	n/a			ND	ND - 0.8
Well 01 - East	CH 2073066-1	mg/L				2020-05-06	0.8		
Well 03 (New West Well) - RAW	CH 2077427-1	mg/L				2020-09-09	ND		
Total Dissolved Solids		mg/L		1000	n/a			130	110 - 150
Well 01 - East	CH 2073066-1	mg/L				2020-05-06	150		
Well 03 (New West Well) - RAW	CH 2077427-1	mg/L				2020-09-09	110		
Turbidity		NTU		5	n/a			0.7	0.2 - 1.1
Well 01 - East	CH 2073066-1	NTU				2020-05-06	0.2		
Well 03 (New West Well) - RAW	CH 2077427-1	NTU				2020-09-09	1.1		

ADDITIONAL DETECTIONS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Calcium		mg/L			n/a			18	16 - 20

Well 01 - East	CH 2073066-1	mg/L				2020-05-06	20		
Well 03 (New West Well) - RAW	CH 2077427-1	mg/L				2020-09-09	16		
Magnesium		mg/L			n/a			11	9 - 12
Well 01 - East	CH 2073066-1	mg/L				2020-05-06	12		
Well 03 (New West Well) - RAW	CH 2077427-1	mg/L				2020-09-09	9		
pH		units			n/a			6.9	6.8 - 7.0
Well 01 - East	CH 2073066-1	units				2020-05-06	7.0		
Well 03 (New West Well) - RAW	CH 2077427-1	units				2020-09-09	6.8		
Alkalinity		mg/L			n/a			105	90 - 120
Well 01 - East	CH 2073066-1	mg/L				2020-05-06	120		
Well 03 (New West Well) - RAW	CH 2077427-1	mg/L				2020-09-09	90		
Aggressiveness Index					n/a			10.6	10.4 - 10.8
Well 01 - East	CH 2073066-1					2020-05-06	10.8		
Well 03 (New West Well) - RAW	CH 2077427-1					2020-09-09	10.4		
Langelier Index					n/a			-1.2	-1.4 - -1.0
Well 01 - East	CH 2073066-1					2020-05-06	-1.0		
Well 03 (New West Well) - RAW	CH 2077427-1					2020-09-09	-1.4		

Spaulding E.L. Mutual Water Company

CCR Login Linkage - 2021

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
686-110 Delwood	CH 2173285-4	2021-05-12	Coliform	686-110 Delwood	Drinking Water Monitoring
686-630 ACORN	CH 2076579-1	2020-08-12	Coliform	686-630 Acorn Way	Bacteriological Monitoring
686-730 Acorn	CH 2176980-2	2021-08-25	Metals, Total	686-730 Acorn	Copper & Lead Monitoring
Bacti-Rout-Even	CH 2171124-1	2021-02-17	Coliform	686-730 Acorn Wy.	Bacteriological Monitoring - Even
	CH 2172176-1	2021-04-07	Coliform	686-730 Acorn Wy.	Bacteriological Monitoring - Even
	CH 2173285-2	2021-05-12	Coliform	686-730 Acorn Wy.	Bacteriological Monitoring - Even
	CH 2174003-1	2021-06-09	Coliform	686-730 Acorn Wy.	Bacteriological Monitoring - Even
	CH 2176981-1	2021-08-25	Coliform	686-730 Acorn Wy.	Bacteriological Monitoring
	CH 2179023-1	2021-11-03	Coliform	686-730 Acorn Wy.	Bacteriological Monitoring
686-795 Bamboo	CH 2176980-3	2021-08-25	Metals, Total	686-795 Bamboo	Copper & Lead Monitoring
686-830 ELM	CH 2173285-3	2021-05-12	Coliform	686-830 Elm Way	Drinking Water Monitoring
686-875 Acacia	CH 2176980-4	2021-08-25	Metals, Total	686-875 Acacia	Copper & Lead Monitoring
CuPb-ss02	CH 2173285-6	2021-05-12	Coliform	686-985 Cypress Wy.	Copper & Lead Monitoring
687-000 Acorn	CH 2176980-5	2021-08-25	Metals, Total	687-000 Acorn	Copper & Lead Monitoring
CuPb-ss03	CH 2173285-5	2021-05-12	Coliform	687-055 Acorn Wy.	Copper & Lead Monitoring
Bacti-Rout-Odd	CH 2170259-1	2021-01-06	Coliform	687-105 Acacia Wy.	Bacteriological Monitoring - Odd
	CH 2171466-1	2021-03-03	Coliform	687-105 Acacia Wy.	Bacteriological Monitoring - Odd
	CH 2172432-1	2021-05-05	Coliform	687-105 Acacia Wy.	Bacteriological Monitoring
	CH 2173285-1	2021-05-12	Coliform	687-105 Acacia Wy.	Bacteriological Monitoring - Odd
	CH 2175506-1	2021-07-14	Coliform	687-105 Acacia Wy.	Bacteriological Monitoring
687-105 Acacia	CH 2176980-1	2021-08-25	Metals, Total	687-105 Acacia Wy.	Copper & Lead Monitoring
Bacti-Rout-Odd	CH 2177259-1	2021-09-08	Coliform	687-105 Acacia Wy.	Bacteriological Monitoring
	CH 2178202-1	2021-10-13	Coliform	687-105 Acacia Wy.	Bacteriological Monitoring
	CH 2179840-1	2021-12-08	Coliform	687-105 Acacia Wy.	Bacteriological Monitoring
DBP-ss01	CH 2078280-1	2020-10-14		TTHM/HAA5 Sample Site	DBPR Monitoring at 686-730 Acorn Way
WELL01	CH 1778264-1	2017-09-20	Radio Chemistry	Well 01 - East	Well 01 - Radio Monitoring
	CH 2073066-1	2020-05-06	General Mineral	Well 01 - East	Well 01- Water Quality Monitoring
	CH 2073066-1	2020-05-06	Wet Chemistry	Well 01 - East	Well 01- Water Quality Monitoring
WELL03	CH 1871961-1	2018-03-21	Radio Chemistry	Well 03 (New West Well) - RAW	Well 03 - Radio Monitoring
	CH 2077427-1	2020-09-09	General Mineral	Well 03 (New West Well) - RAW	Well 03 - Water Quality Monitoring
	CH 2077427-1	2020-09-09	Wet Chemistry	Well 03 (New West Well) - RAW	Well 03 - Water Quality Monitoring