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.waterboards.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml)

Water System Name: CURRIER ESTATES WATER CORP

Water System Number: 3900701

The water system above hereby certifies that its Consumer Confidence Report was distributed on \$\frac{5-2-20}{2-20}\$ (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 (20)835-0660

Date \$\frac{5-2-2020}{2-2020}

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:

	ort delivery used and good-faith efforts taken, please complete the form below by checking all it in where appropriate:
	stributed by mail or other direct delivery methods. Specify other direct delivery methods used:
"Good faith methods:	" efforts were used to reach non-bill paying customers. Those efforts included the following
Post	ed the CCR on the internet at http://
Mail	ed the CCR to postal patrons within the service area (attach zip codes used)
Adve	ertised the availability of the CCR in news media (attach a copy of press release)
Section 199	ication of the CCR in a local newspaper of general circulation (attach a copy of the ished notice, including name of the newspaper and date published)
Post	ed the CCR in public places (attach a list of locations)
	very of multiple copies of CCR to single bill addresses serving several persons, as apartments, businesses, and schools
Deliv	very to community organizations (attach a list of organizations)
Othe	er (attach a list of other methods used)
	s serving at least 100,000 persons: Posted CCR on a publicly-accessible internet site wing address: http://
For privatel	v-owned utilities: Delivered the CCR to the California Public Utilities Commission

2019 Consumer Confidence Report

Water System Name: CURRIER ESTATES WATER CORP

Report Date:

April 2020

We test the drinking water quality for many constituents as required by state and federal regulations. This report lows the results of our monitoring for the period of January 1 - December 31, 2019.

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.

Your water comes from 1 source(s): Wellhead (Redondo)

Opportunities for public participation in decisions that affect drinking water quality: Regularly-scheduled water board or city/county council meetings are held once a month, Time and place are to be determined. Please contact Mr. Bob Habit regarding the location and time.

For more information about this report, or any questions relating to your drinking water, please call (209) 835 - 0660 and ask for Mr. Bob Habit.

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.

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, 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	G RESULTS SHO	WING THE DET	ECT	TON	OF LEAD AND COPPER
Lead and Copper (complete if lead or copper detected in last sample set)	Sample Date	90th percentile level detected	No. Sites Exceeding AL	AL	PHG	Typical Sources of Contaminant
Copper (mg/L)	5 (2018)	0.10	0	1.3		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)	(2017)	338	n/a	none	none	Salt present in the water and is generally naturally occurring					
Hardness (mg/L)	(2017)	289	n/a	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring					

Table 3 -	Table 3 - DETECTION OF CONTAMINANTS WITH A <u>PRIMARY</u> 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					
Arsenic (ug/L)	(2017)	4	n/a	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes					

Selenium (ug/L)	(2017)	6	n/a	50	30	Discharge from petroleum, glass, and metal refineries; erosion of natural deposits; discharge from mines and chemical manufacturers; runoff from livestock lots(feed additive)
Gross Alpha (pCi/L)	(2019)	2.76	n/a	15	(0)	Erosion of natural deposits.

Table 4 - DET	ECTION OF C	ONTAMINA	NTS WITH A	SECO	NDARY DI	RINKING 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)	(2019)	358	329 - 407	500	n/a	Runoff/leaching from natural deposits; seawater influence
Color (Units)	(2017)	5	n/a	15	n/a	Naturally-occurring organic materials
Iron (ug/L)	(2017)	110	n/a	300	n/a	Leaching from natural deposits; Industrial wastes
Manganese (ug/L)	(2019)	428	350 - 570	50	n/a	Leaching from natural deposits
Specific Conductance (umhos/cm)	(2019)	1950	1900 - 1990	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	(2019)	266	248 - 307	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	(2019)	1150	1120 - 1180	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2017)	0.9	n/a	5	n/a	Soil runoff

	Table	5 - DETECTION	OF UNREGUI	ATED CONTAM	IINANTS
Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	Notification Level	Typical Sources of Contaminant
Boron (mg/L)	(2017)	2.1	n/a	1	Boron exposures resulted in decreased fetal weight (developmental effects) in newborn rats.

Table 6 - ADDITIONAL DETECTIONS										
Chemical or Constituen (and reporting units)	Sample Date	Average Level Detected	Range of Detections	Notification Level	Typical Sources of Contaminant					
Calcium (mg/L)	(2017)	55	n/a	n/a	n/a					
Magnesium (mg/L)	(2017)	37	n/a	n/a	n/a					
pH (units)	(2017)	7.5	n/a	n/a	n/a					
Alkalinity (mg/L)	(2017)	190	n/a	n/a	n/a					
Aggressiveness Index	(2017)	11.9	n/a	n/a	n/a					
Langelier Index	(2017)	0.005	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 amponents associated with the service lines and home plumbing. Currier Estates Water System 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	Explanation	Duration	Actions Taken To Correct the Violation	Health Effects Language
Manganese		a		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 ar the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCI does not pose a risk to publihealth.
Specific Conductance				The conductivity of your water was found at levels that exceed the secondary MCL. The secondary MCLs were set to protect you against unpleasant aestheti affects such as color, taste and odor. Violating this MC does not pose a risk to publicalth.
Total Dissolved Solids			п	The TDS or Total Dissolved Solids in your water was found at levels that exceed the secondary MCL. The TI MCLs was set to protect yo against unpleasant aesthet affects such as color, taste hardness. Violating this MC does not pose a risk to pub health.

2019 Consumer Confidence Report Drinking Water Assessment Information

Assessment Information

A source water assessment was conducted for the WELL 02 (REDONDO) of the CURRIER ESTATES WATER CORP water system in April, 2002.

Wellhead (Redondo) - is considered most vulnerable to the following activities not associated with any detected contaminants:

Housing - high density [>1 house/0.5 acres]

Piscussion of Vulnerability

here have been no contaminants detected in the water supply, however the source is still considered vulnerable to activities located near the drinking water source.

Acquiring Information

A copy of the complete assessment may be viewed at: San Joaquin County Environmental Health Department 1868 E. Hazleton Avenue Stockton, CA 95202

You may request a summary of the assessment be sent to you by contacting: Small Public Water Systems SJ Co Environmental Health Department (209) 468-3420

Currier Estates Water System Analytical Results By FGL - 2019

	LEAD AND COPPER RULE											
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples			
Copper		mg/L		1.3	.3			0.095	5			
15664 Rodondo	STK1839118-5	mg/L				2018-06-26	0.12					
15860 Vonsosten St.	STK1839118-2	mg/L				2018-06-27	ND					
16178 Vonsosten St.	STK1839118-3	mg/L				2018-06-26	ND					
16252 Vonsosten St.	STK1839118-1	mg/L				2018-06-26	ND					
22992 Currier St.	STK1839118-4	mg/L				2018-06-26	0.07					

SAMPLING RESULTS FOR SODIUM AND HARDNESS											
946		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)		
Sodium		mg/L		none	none			338	338 - 338		
Wellhead (Redondo)	STK1753160-1	mg/L				2017-10-12	338				
Hardness		mg/L		none	none			289	289 - 289		
Wellhead (Redondo)	STK1753160-1	mg/L	7	5		2017-10-12	289				

	PRIMARY DRINKING WATER STANDARDS (PDWS)												
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)				
Arsenic		ug/L		10	0.004			4	4 - 4				
Wellhead (Redondo)	STK1753160-1	ug/L				2017-10-12	4						
Selenium		ug/L	50	50	30			6	6 - 6				
Wellhead (Redondo)	STK1753160-1	ug/L				2017-10-12	6						
Gross Alpha		pCi/L		15	(0)			2.76	2.76 - 2.76				
Wellhead (Redondo)	STK1955067-1	pCi/L				2019-10-08	2.76						

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		mg/L		500	n/a			358	329 - 407
Wellhead (Redondo)	STK1955766-1	mg/L				2019-10-21	333		
Wellhead (Redondo)	STK1939785-1	mg/L				2019-07-08	363		
Wellhead (Redondo)	STK1934278-1	mg/L				2019-04-01	407		
Wellhead (Redondo)	STK1930675-1	mg/L				2019-01-14	329		
Color		Units		15	n/a			5	5 - 5
Wellhead (Redondo)	STK1753160-1	Units				2017-10-12	5		
Iron		ug/L		300	n/a			110	110 - 110
Wellhead (Redondo)	STK1753160-1	ug/L				2017-10-12	110		
Manganese		ug/L		50	n/a			428	350 - 570
Wellhead (Redondo)	STK1955766-1	ug/L				2019-10-21	420		
Wellhead (Redondo)	STK1939785-1	ug/L				2019-07-08	350		
Wellhead (Redondo)	STK1934278-1	ug/L				2019-04-01	370		
Wellhead (Redondo)	STK1930675-1	ug/L				2019-01-14	570		
Specific Conductance		umhos/cm		1600	n/a			1950	1900 - 1990
Wellhead (Redondo)	STK1955766-1	umhos/cm				2019-10-21	1990		
Wellhead (Redondo)	STK1939785-1	umhos/cm				2019-07-08	1940	M-1-1-1	
Wellhead (Redondo)	STK1934278-1	umhos/cm				2019-04-01	1900	3.30.50.00.00.00.00.00.00.00.00.00.00	
Wellhead (Redondo)	STK1930675-1	umhos/cm				2019-01-14	1970		
Sulfate		mg/L		500	n/a			266	248 - 307
Wellhead (Redondo)	STK1955766-1	mg/L				2019-10-21	252		
Wellhead (Redondo)	STK1939785-1	mg/L				2019-07-08	248		
Wellhead (Redondo)	STK1934278-1	mg/L				2019-04-01	307		
Wellhead (Redondo)	STK1930675-1	mg/L				2019-01-14	257		
Total Dissolved Solids		mg/L		1000	n/a			1150	1120 - 1180

Turbidity	STK1753160-1	NTU NTU	5	n/a	2017-10-12	0.9	0.9	0.9 - 0.9
Wellhead (Redondo)	STK1930675-1	mg/L			2019-01-14	1180		
Wellhead (Redondo)	STK1934278-1	mg/L			2019-04-01	1150		
Wellhead (Redondo)	STK1939785-1	mg/L			2019-07-08	1120		
Wellhead (Redondo)	STK1955766-1	mg/L			2019-10-21	1150		

		UNRE	GULATED	CONTAMI	NANTS				
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Boron		mg/L		NS	n/a			2.1	2.1 - 2.1
Wellhead (Redondo)	STK1753160-1	mg/L				2017-10-12	2.1		

		AD	DITIONAL	L DETECTION	NS				
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Calcium		mg/L			n/a			55	55 - 55
Wellhead (Redondo)	STK1753160-1	mg/L				2017-10-12	55		
Magnesium		mg/L			n/a			37	37 - 37
Wellhead (Redondo)	STK1753160-1	mg/L				2017-10-12	37		
рН		units			n/a			7.5	7.5 - 7.5
Wellhead (Redondo)	STK1753160-1	units				2017-10-12	7.5		
Alkalinity	1	mg/L			n/a			190	190 - 190
Wellhead (Redondo)	STK1753160-1	mg/L				2017-10-12	190		
Aggressiveness Index					n/a			11.9	11.9 - 11.9
Wellhead (Redondo)	STK1753160-1					2017-10-12	11.9		
Langelier Index					n/a			0.005	0.005 - 0.005
Wellhead (Redondo)	STK1753160-1					2017-10-12	0.005		

Currier Estates Water System CCR Login Linkage - 2019

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
15664 Rodondo	STK1839118-5	2018-06-26	Metals, Total	15664 Rodondo	Cu & Pb Monitoring
∠5728 REDONDO	STK1930599-3	2019-01-14	Coliform	15728 Redondo	Bacteriological Sampling
15860 Vonsosten	STK1839118-2	2018-06-27	Metals, Total	15860 Vonsosten St.	Cu & Pb Monitoring
16178 Von Soste	STK1930599-1	2019-01-14	Coliform	16178 Von Sosten	Bacteriological Sampling
	STK1930599-2	2019-01-14	Coliform	16178 Von Sosten	Bacteriological Sampling
	STK1931910-1	2019-02-07	Coliform	16178 Von Sosten	Bacteriological Sampling
	STK1932945-1	2019-03-04	Coliform	16178 Von Sosten	Bacteriological Sampling
	STK1934277-1	2019-04-01	Coliform	16178 Von Sosten	Bacteriological Sampling
	STK1936223-1	2019-05-06	Coliform	16178 Von Sosten	Bacteriological Sampling
	STK1938910-1	2019-06-18	Coliform	16178 Von Sosten	Bacteriological Sampling
	STK1939784-1	2019-07-08	Coliform	16178 Von Sosten	Bacteriological Sampling
	STK1951366-1	2019-08-05	Coliform	16178 Von Sosten	Bacteriological Sampling
	STK1953226-1	2019-09-05	Coliform	16178 Von Sosten	Bacteriological Sampling
	STK1955066-1	2019-10-08	Coliform	16178 Von Sosten	Bacteriological Sampling
·	STK1956309-1	2019-11-04	Coliform	16178 Von Sosten	Bacteriological Sampling
	STK1957503-1	2019-12-02	Coliform	16178 Von Sosten	Bacteriological Sampling
16178 Vonsosten	STK1839118-3	2018-06-26	Metals, Total	16178 Vonsosten St.	Cu & Pb Monitoring
16252 Vonsosten	STK1839118-1	2018-06-26	Metals, Total	16252 Vonsosten St.	Cu & Pb Monitoring
16398 Von Soste	STK1930599-4	2019-01-14	Coliform	16398 Von Sosten	Bacteriological Sampling-Odd
22992 Currier S	STK1839118-4	2018-06-26	Metals, Total	22992 Currier St.	Cu & Pb Monitoring
Wellhead	STK1930599-5	2019-01-14	Coliform	Wellhead	Bacteriological Sampling
Well 2 Redondo	STK1451842-4	2014-11-20	Field Test	Wellhead (Redondo)	CURRIER ESTATES WATER CORE
THE SURFICE CO.	STK1753160-1	2017-10-12	Wet Chemistry	Wellhead (Redondo)	Water Quality Monitoring
The National Control of the Control	STK1753160-1	2017-10-12	Metals, Total	Wellhead (Redondo)	Water Quality Monitoring
	STK1753160-1	2017-10-12	General Mineral	Wellhead (Redondo)	Water Quality Monitoring
	STK1930675-1	2019-01-14	Metals, Total	Wellhead (Redondo)	Water Quality Monitoring
	STK1930675-1	2019-01-14	Wet Chemistry	Wellhead (Redondo)	Water Quality Monitoring
	STK1934278-1	2019-04-01	Wet Chemistry	Wellhead (Redondo)	Water Quality Monitoring
	STK1934278-1	2019-04-01	Metals, Total	Wellhead (Redondo)	Water Quality Monitoring
	STK1939785-1	2019-07-08	Wet Chemistry	Wellhead (Redondo)	Water Quality Monitoring
	STK1939785-1	2019-07-08	Metals, Total	Wellhead (Redondo)	Water Quality Monitoring
	STK1955067-1	2019-10-08	Radio Chemistry	Wellhead (Redondo)	Radio Monitoring
	STK1955766-1	2019-10-21	Metals, Total	Wellhead (Redondo)	Water Quality Monitoring
	STK1955766-1	2019-10-21	Wet Chemistry	Wellhead (Redondo)	Water Quality Monitoring