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:	Kiernan BusinessCenter
Water System Number:	5000552

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 04/08/2021 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:	**Sam Hedge**	
	Signature:		
	Title:	**Water Operator**	
	Phone Number:	(209-406-6069)	Date: **06/02/2021**

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:

☒ CCR was distributed by Direct delivery methods. Specify other direct delivery methods used: USPS.

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

- ☐ Posting the CCR on the Internet at www._____
- ☐ Mailing the CCR to postal patrons within the service area (attach zip codes used)
- ☐ 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 (locations)
- ☐ 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).

2020 Consumer Confidence Report

Water System Name: KIERNAN BUSINESS CENTER Report Date: April 2021

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, 2020.

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 Groundwater. This Assessment was done using the Default Groundwater System Method.

Your water comes from 1 source(s): Well

Opportunities for public participation in decisions that affect drinking water quality: Regularly-scheduled water board or city/county council meetings currently are not held.

For more information about this report, or any questions relating to your drinking water, please call (209) 838 - 7842 and ask for Quality Service, Inc..

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)

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 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)	(2018)	5	0.07	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)	26	n/a	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2020)	82.8	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**
Arsenic (ug/L)	(2020)	4	n/a	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes

Hexavalent Chromium (ug/L)	(2014)	4.2	n/a		0.02	Discharge from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities; erosion of natural deposits.
Nitrate as N (mg/L)	(2020)	4.4	n/a	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrate + Nitrite as N (mg/L)	(2020)	4.4	n/a	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
1,2,3-Trichloropropane (1,2,3-TCP) (ug/L)	(2020)	0.02	0.012 - 0.025	0.005	0.0007	Discharge from industrial and agricultural chemical factories; leaching from hazardous waste sites; used as cleaning and maintenance solvent, paint and varnish remover, and cleaning and degreasing agent; byproduct during the production of other compounds and pesticides.

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)	14	n/a	500	n/a	Runoff/leaching from natural deposits; seawater influence
Specific Conductance (umhos/cm)	(2020)	550	n/a	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	(2020)	11	n/a	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	(2020)	280	n/a	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2020)	0.3	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)	(2020)	0.2	n/a	1	Boron exposures resulted in decreased fetal weight (developmental effects) in newborn rats.
Vanadium (mg/L)	(2020)	0.028	n/a	0.05	Vanadium exposures resulted in developmental and reproductive effects in 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)	(2020)	20	n/a	n/a	n/a
Magnesium (mg/L)	(2020)	8	n/a	n/a	n/a
pH (units)	(2020)	8	n/a	n/a	n/a
Alkalinity (mg/L)	(2020)	120	n/a	n/a	n/a
Aggressiveness Index	(2020)	11.8	n/a	n/a	n/a
Langelier Index	(2020)	-0.06	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. *Kiernan Business Center* 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**
1,2,3-Trichloropropane (1,2,3-TCP)				Some people who use water containing 1,2,3-trichloropropane in excess of the action level over many years may have an increased risk of getting cancer, based on studies in laboratory animals.

2020 Consumer Confidence Report

Drinking Water Assessment Information

Assessment Information

A source water assessment was conducted for the WELL of the KIERNAN BUSINESS CENTER water system in January, 2015.

Well - is considered most vulnerable to the following activities not associated to contaminants detected in the water supply:
Automobile Repair Shops
Photo Processing / Printing
Sewer Collection Systems
Farm Chemical Distributor / Application Service

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.

Acquiring Information

A copy of the complete assessment may be viewed at:
Stanislaus County, DER
3800 Cornucopia Way, Suite C
Modesto, CA 95358

You may request a summary of the assessment be sent to you by contacting:
Stanislaus County
Department of Environmental Resources (SCDER)
(209) 525-6700

Kiernan Business Center
Analytical Results By FGL - 2020

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Copper		mg/L		1.3	.3			0.065	5
#648	STK1839496-5	mg/L				2018-07-05	ND		
#660	STK1839496-4	mg/L				2018-07-05	ND		
#664	STK1839496-3	mg/L				2018-07-05	0.06		
#668	STK1839496-2	mg/L				2018-07-05	0.06		
#696	STK1839496-1	mg/L				2018-07-05	0.07		

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		mg/L		none	none			26	26 - 26
Well	STK2051517-1	mg/L				2020-08-12	26		
Hardness		mg/L		none	none			82.8	82.8 - 82.8
Well	STK2051517-1	mg/L				2020-08-12	82.8		

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
Well	STK2051517-1	ug/L				2020-08-12	4		
Hexavalent Chromium		ug/L			0.02			4.2	4.2 - 4.2
Well	STK1451821-1	ug/L				2014-11-19	4.2		
Nitrate as N		mg/L		10	10			4.4	4.4 - 4.4
Well	STK2051517-1	mg/L				2020-08-12	4.4		
Nitrate + Nitrite as N		mg/L		10	10			4.4	4.4 - 4.4
Well	STK2051517-1	mg/L				2020-08-12	4.4		
1,2,3-Trichloropropane (1,2,3-TCP)		ug/L		0.005	0.0007			0.020	0.012 - 0.025
Well	STK2055976-1	ug/L				2020-11-11	0.022		
Well	STK2051518-1	ug/L				2020-08-12	0.025		
Well	STK2036343-1	ug/L				2020-05-12	0.022		
Well	STK2032185-1	ug/L				2020-02-13	0.012		

SECONDARY DRINKING WATER STANDARDS (SDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		mg/L		500	n/a			14	14 - 14
Well	STK2051517-1	mg/L				2020-08-12	14		
Specific Conductance		umhos/cm		1600	n/a			550	550 - 550
Well	STK2051517-1	umhos/cm				2020-08-12	550		
Sulfate		mg/L		500	n/a			11.0	11.0 - 11.0
Well	STK2051517-1	mg/L				2020-08-12	11.0		
Total Dissolved Solids		mg/L		1000	n/a			280	280 - 280
Well	STK2051517-1	mg/L				2020-08-12	280		
Turbidity		NTU		5	n/a			0.3	0.3 - 0.3
Well	STK2051517-1	NTU				2020-08-12	0.3		

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Boron		mg/L		NS	n/a			0.2	0.2 - 0.2
Well	STK2051517-1	mg/L				2020-08-12	0.2		
Vanadium		mg/L		NS	n/a			0.028	0.028 - 0.028
Well	STK2051517-1	mg/L				2020-08-12	0.028		

ADDITIONAL DETECTIONS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Calcium		mg/L			n/a			20	20 - 20
Well	STK2051517-1	mg/L				2020-08-12	20		
Magnesium		mg/L			n/a			8	8 - 8
Well	STK2051517-1	mg/L				2020-08-12	8		
pH		units			n/a			8.0	8.0 - 8.0
Well	STK2051517-1	units				2020-08-12	8.0		
Alkalinity		mg/L			n/a			120	120 - 120
Well	STK2051517-1	mg/L				2020-08-12	120		
Aggressiveness Index					n/a			11.8	11.8 - 11.8
Well	STK2051517-1					2020-08-12	11.8		
Langelier Index					n/a			-0.06	-0.06 - -0.06
Well	STK2051517-1					2020-08-12	-0.06		

Kiernan Business Center

CCR Login Linkage - 2020

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
#648	STK1839496-5	2018-07-05	Metals, Total	#648	Lead & Copper Monitoring
#660	STK1839496-4	2018-07-05	Metals, Total	#660	Lead & Copper Monitoring
#664	STK1839496-3	2018-07-05	Metals, Total	#664	Lead & Copper Monitoring
#668	STK1839496-2	2018-07-05	Metals, Total	#668	Lead & Copper Monitoring
#696	STK1839496-1	2018-07-05	Metals, Total	#696	Lead & Copper Monitoring
NW HB of Buildi	STK2030562-1	2020-01-14	Coliform	NW BLDG Xbh	Routine Bacti - Odd
	STK2033241-1	2020-03-10	Coliform	NW BLDG Xbh	Routine Bacti - Odd
	STK2036437-1	2020-05-12	Coliform	NW BLDG Xbh	Routine Bacti - Odd
	STK2039733-1	2020-07-14	Coliform	NW BLDG Xbh	Routine Bacti - Odd
	STK2053081-1	2020-09-15	Coliform	NW BLDG Xbh	Routine Bacti - Odd
	STK2055977-1	2020-11-11	Coliform	NW BLDG Xbh	Routine Bacti - Odd
S.E. HB of Buil	STK2032186-1	2020-02-13	Coliform	SE BLDG Xbh	Routine Bacti - Even
	STK2034863-1	2020-04-14	Coliform	SE BLDG Xbh	Routine Bacti - Even
	STK2038151-1	2020-06-10	Coliform	SE BLDG Xbh	Routine Bacti - Even
	STK2051519-1	2020-08-12	Coliform	SE BLDG Xbh	Routine Bacti - Even
	STK2054584-1	2020-10-14	Coliform	SE BLDG Xbh	Routine Bacti - Even
	STK2057166-1	2020-12-11	Coliform	SE BLDG Xbh	Routine Bacti - Even
Well	STK1451821-1	2014-11-19	Wet Chemistry	Well	Chrome 6 Monitoring
	STK2032185-1	2020-02-13	SRL 524M-TCP	Well	TCP Monitoring
	STK2036343-1	2020-05-12	SRL 524M-TCP	Well	TCP Monitoring
	STK2051517-1	2020-08-12	General Mineral	Well	Water Quality Monitoring
	STK2051517-1	2020-08-12	Metals, Total	Well	Water Quality Monitoring
	STK2051517-1	2020-08-12	Wet Chemistry	Well	Water Quality Monitoring
	STK2051518-1	2020-08-12	SRL 524M-TCP	Well	TCP Monitoring
	STK2055976-1	2020-11-11	SRL 524M-TCP	Well	TCP Monitoring