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: **CAPAY JOINT UNION ELEM. SCHOOL**
Water System Number: **1100527**

The water system above hereby certifies that its Consumer Confidence Report was distributed on 4/30/2020 (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: Greg Brown
Signature:
Title: Custodian
Phone Number: (530) 865-1222 Date: 4/30/2020

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:

_____ We missed sampling for 1,2,3 - Trichloropropane in the first calendar quarter of 2018 and received a notice of violation from the State Water Board.

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

- X 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)
- X 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 privately-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.)

2019 Consumer Confidence Report

Water System Name: CAPAY JOINT UNION ELEM. SCHOOL Report Date: March 2020

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, 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): Well 01

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

For more information about this report, or any questions relating to your drinking water, please call (530) 865 - 1222 and ask for Greg Brown or visit our website at www.cjuesd.org.

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.

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)

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 and 4 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**	**90th percentile level detected**	**No. Sites Exceeding AL**	**AL**	**PHG**	**Typical Sources of Contaminant**
Copper (mg/L)	5 (2019)	0.23	0	1.3	.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

Table 2 - 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)	(2018)	2	n/a	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes
Barium (mg/L)	(2014)	0.14	n/a	1	2	Discharge from oil drilling wastes and from metal refineries; erosion of natural deposits
Hexavalent Chromium (ug/L)	(2014)	1.7	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)	(2019)	3.6	n/a	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2019)	2.22	n/a	15	(0)	Erosion of natural deposits.

Table 3 - DETECTION OF UNREGULATED CONTAMINANTS					
Chemical or Constituent (and reporting units)	**Sample Date**	**Average Level Detected**	**Range of Detections**	**Notification Level**	**Typical Sources of Contaminant**
Vanadium (mg/L)	(2014)	0.006	n/a	0.05	Vanadium exposures resulted in developmental and reproductive effects in rats.

Table 4 - DETECTION OF DISINFECTANT/DISINFECTANT BYPRODUCT RULE							
Chemical or Constituent (and reporting units)	**Sample Date**	**Average Level Detected**	**Range of Detections**	**MCL (MRDL)**	**PHG (MCLG)**	**Violation**	**Typical Sources of Contaminant**
Chlorine (mg/L)	(2019)	0.00	n/a	4.0	4.0	No	Drinking water disinfectant added for treatment.
Haloacetic Acids (five) (ug/L)	(2017)	2	n/a	60	n/a	No	By-product of drinking water disinfection

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. *Capay Joint Union Elementary* 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/le ad.

2019 Consumer Confidence Report

Drinking Water Assessment Information

Assessment Information

A source water assessment was conducted for the WELL 01 of the CAPAY JOINT UNION ELEM. SCHOOL water system in May, 2003.

Discussion of Vulnerability

The source is still considered vulnerable to activities located near the drinking water source.

Well 01 - is considered most vulnerable to the following activities not associated with any detected contaminants:
Septic systems - low density [<1/acre]

Acquiring Information
A copy of the complete assessment may be viewed at:
Redding Field Operations Office
364 Knollcrest Dr.
Suite 110
Redding, CA 96002

You may request a summary of the assessment be sent to you by contacting:
Reese B. Crenshaw
Valley District Engineer
530-224-4866
530-224-4844 (fax)
reese.crenshaw@waterboards.ca.gov

Capay Joint Union Elementary
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			0.225	5
CuPb - Kitchen	CH 1975435-1	mg/L				2019-07-11	0.10		
CuPb - RM 11	CH 1975435-4	mg/L				2019-07-11	0.24		
CuPb - RM 4	CH 1975435-3	mg/L				2019-07-11	0.10		
CuPb - RM 7	CH 1975435-5	mg/L				2019-07-11	0.21		
CuPb - Staff	CH 1975435-2	mg/L				2019-07-11	0.13		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Arsenic		ug/L		10	0.004			2	2 - 2
Well 01	CH 1874173-1	ug/L				2018-06-06	2		
Barium		mg/L	2	1	2			0.14	0.14 - 0.14
Well 01	CH 1470371-1	mg/L				2014-01-13	0.14		
Hexavalent Chromium		ug/L			0.02			1.7	1.7 - 1.7
Well 01	CH 1478162-1	ug/L				2014-11-12	1.7		
Nitrate as N		mg/L		10	10			3.6	3.6 - 3.6
Well 01	CH 1970454-1	mg/L				2019-01-16	3.6		
Gross Alpha		pCi/L		15	(0)			2.22	2.22 - 2.22
Well 01	CH 1970455-1	pCi/L				2019-01-16	2.22		

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Vanadium		mg/L		NS	n/a			0.006	0.006 - 0.006
Well 01	CH 1470371-1	mg/L				2014-01-13	0.006		

DETECTION OF DISINFECTANT/DISINFECTANT BYPRODUCT RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chlorine		mg/L		4.0	4.0			0.00	-
Well 01	CH 1979309-2	mg/L				2019-10-23	N.D.		
Well 01	CH 1975392-2	mg/L				2019-07-11	N.D.		
Well 01	CH 1972584-2	mg/L				2019-04-10	N.D.		
Well 01	CH 1970457-2	mg/L				2019-01-16	N.D.		
Average Well 01								0	
Haloacetic Acids (five)		ug/L		60	n/a			2	2 - 2
DBP Sample Result	CH 1777404-1	ug/L				2017-08-31	2		
Average DBP Sample Result								2	

Capay Joint Union Elementary
CCR Login Linkage - 2019

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
Kitchen	CH 1975435-1	2019-07-11	Metals, Total	CuPb - Kitchen	Lead & Copper Monitoring
RM 11	CH 1975435-4	2019-07-11	Metals, Total	CuPb - RM 11	Lead & Copper Monitoring
RM 4	CH 1975435-3	2019-07-11	Metals, Total	CuPb - RM 4	Lead & Copper Monitoring
RM 7	CH 1975435-5	2019-07-11	Metals, Total	CuPb - RM 7	Lead & Copper Monitoring
Staff	CH 1975435-2	2019-07-11	Metals, Total	CuPb - Staff	Lead & Copper Monitoring
DBPR Site	CH 1777404-1	2017-08-31	EPA 552.2	DBP Sample Result	DBP Monitoring
HB OS Kitchen	CH 1970457-1	2019-01-16	Coliform	Hose Bib Outside Kitchen	Drinking Water Monitoring
	CH 1971224-1	2019-02-13	Coliform	Hose Bib Outside Kitchen	Drinking Water Monitoring
	CH 1972034-1	2019-03-25	Coliform	Hose Bib Outside Kitchen	Drinking Water Monitoring
	CH 1972584-1	2019-04-10	Coliform	Hose Bib Outside Kitchen	Drinking Water Monitoring
	CH 1973586-1	2019-05-22	Coliform	Hose Bib Outside Kitchen	Drinking Water Monitoring
	CH 1974930-1	2019-06-27	Coliform	Hose Bib Outside Kitchen	Drinking Water Monitoring
	CH 1975392-1	2019-07-11	Coliform	Hose Bib Outside Kitchen	Drinking Water Monitoring
	CH 1977658-1	2019-08-27	Coliform	Hose Bib Outside Kitchen	Drinking Water Monitoring
	CH 1978662-1	2019-09-25	Coliform	Hose Bib Outside Kitchen	Drinking Water Monitoring
	CH 1979309-1	2019-10-23	Coliform	Hose Bib Outside Kitchen	Drinking Water Monitoring
	CH 1979875-1	2019-11-13	Coliform	Hose Bib Outside Kitchen	Drinking Water Monitoring
	CH 1990629-1	2019-12-18	Coliform	Hose Bib Outside Kitchen	Drinking Water Monitoring
WELL 01	CH 1470371-1	2014-01-13	Metals, Total	Well 01	Water Quality Monitoring
	CH 1478162-1	2014-11-12	Wet Chemistry	Well 01	CAPAY JOINT UNION ELEM. SCHOOL
	CH 1874173-1	2018-06-06	Metals, Total	Well 01	Arsenic - Special
	CH 1970455-1	2019-01-16	Radio Chemistry	Well 01	Radio Monitoring
Well 01	CH 1970454-1	2019-01-16	Wet Chemistry	Well 01	Water Quality Monitoring
WELL 01	CH 1970457-2	2019-01-16	Field Test	Well 01	Drinking Water Monitoring
	CH 1972584-2	2019-04-10	Field Test	Well 01	Drinking Water Monitoring
	CH 1975392-2	2019-07-11	Field Test	Well 01	Drinking Water Monitoring
	CH 1979309-2	2019-10-23	Field Test	Well 01	Drinking Water Monitoring