Consumer Confidence Report
Certification Form

(To be submitted with a copy of the CCR)

Water System Name: Colusa Industrial Properties

Water System Number: 0600065

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 6/25/19 (*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 (DDW).

Certified by: Name: Jacob H. Kley

Signature:

Title: General Manager

Phone Number: (530) 458-2118 Date: June 25, 2019

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

X CCR was distributed by mail or other direct delivery methods (attach description of other direct delivery methods used).

☐ CCR was distributed using electronic delivery methods described in the Guidance for Electronic Delivery of the Consumer Confidence Report (water systems utilizing electronic delivery methods must complete the second page).

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

- ☐ Posting the CCR at the following URL: www.cipcorp.com
- ☐ 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 (attach a list of 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)
- ☐ Publication of the CCR in the electronic city newsletter or electronic community newsletter or listserv (attach a copy of the article or notice)
- ☐ Electronic announcement of CCR availability via social media outlets (attach list of social media outlets utilized)
- ☐ 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 URL: www._____

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

2018 Consumer Confidence Report

Water System Name: **Colusa Industrial Properties** Report Date: June 21, 2019

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 to December 31, 2018 and may include earlier monitoring data.

Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse [*Enter Water System's Name Here*] a [*Enter Water System's Address or Phone Number Here*] para asistirlo en español.

这份报告含有关于您的饮用水的重要讯息。请用以下地址和电话联系 [*Enter Water System's Name Here*]以获得中文的帮助:[*Enter Water System's Address Here*][*Enter Water System's Phone Number Here*]

Ang pag-uulat na ito ay naglalaman ng mahalagang impormasyon tungkol sa inyong inuming tubig. Mangyaring makipag-ugnayan sa [*Enter Water System's Name and Address Here*] o tumawag sa [*Enter Water System's Phone Number Here*] para matulungan sa wikang Tagalog.

Báo cáo này chứa thông tin quan trọng về nước uống của bạn. Xin vui lòng liên hệ [*Enter Water System's Name Here*] tại [*Enter Water System's Address or Phone Number Here*] để được hỗ trợ giúp bằng tiếng Việt.

Tsab ntawv no muaj cov ntsiab lus tseem ceeb txog koj cov dej haus. Thov hu rau [*Enter Water System's Name Here*] ntawm [*Enter Water System's Address or Phone Number Here*] rau kev pab hauv lus Askiv.

Type of water source(s) in use: Two Groundwater Wells

Name & general location of source(s): Well #1 and Well #2 Colusa Industrial Park

Drinking Water Source Assessment information: A source water assessment has been completed for the wells serving Colusa Industrial Properties on April 2, 2003. The sources are considered most vulnerable to the following activities not associated with any contaminants: Wells-Water Supply, Chemical / Petroleum Processing / Storage Office Building Complex. A copy of the complete assessment may be veiwed at: DHS Valley District Office 634 Knollcrest Dr. Suite 100 Redding Ca. 96002 Attn: Dan Cikuth (530) 224-4866 or at Colusa Industrial Properties 50 Sunrise Blvd. Colusa Ca. 95932 Attn: Jacob Kley (530)458-2118

Time and place of regularly scheduled board meetings for public participation: Public Participation is welcome and may be directed to Colusa Industrial Properties 50 Sunrise Blvd. Colusa Ca. 95932 during business hours.

For more information, contact: Jacob Kley Phone: (530)458-2118

TERMS USED IN THIS REPORT

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically 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 (U.S. EPA).

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

Secondary Drinking Water Standards (SDWS): MCLs for 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.

Variances and Exemptions: Permissions from the State Water Resources Control Board (State Board) to exceed an MCL or not comply with a treatment technique under certain conditions.

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.

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 contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

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
ppm: parts per million or milligrams per liter (mg/L)
ppb: parts per billion or micrograms per liter (µg/L)
ppt: parts per trillion or nanograms per liter (ng/L)
ppq: parts per quadrillion or picogram per liter (pg/L)
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 byproducts of 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 U.S. EPA and the State Board prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The U.S. Food and Drug Administration regulations and California law 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 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 an AL, MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided later in this report.

TABLE 1 – SAMPLING RESULTS SHOWING THE DETECTION OF COLIFORM BACTERIA

Microbiological Contaminants (complete if bacteria detected)	Highest No. of Detections	No. of Months in Violation	MCL	MCLG	Typical Source of Bacteria
Total Coliform Bacteria (state Total Coliform Rule)	(In a month)	0	1 positive monthly sample	0	Naturally present in the environment
Fecal Coliform or *E. coli* (state Total Coliform Rule)	(In the year)	0	A routine sample and a repeat sample are total coliform positive, and one of these is also fecal coliform or *E. coli* positive		Human and animal fecal waste
E. coli (federal Revised Total Coliform Rule)	(In the year)	0	(a)	0	Human and animal fecal waste

(a) Routine and repeat samples are total coliform-positive and either is *E. coli*-positive or system fails to take repeat samples following *E. coli*-positive routine sample or system fails to analyze total coliform-positive repeat sample for *E. coli*.

TABLE 2 – SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER

Lead and Copper (complete if lead or copper detected in the last sample set)	Sample Date	No. of Samples Collected	90th Percentile Level Detected	No. Sites Exceeding AL	AL	PHG	No. of Schools Requesting Lead Sampling	Typical Source of Contaminant
Lead (ppb) 2017 2015 2011	7/6/17	 10 20 5	 5.1 2.0 1.15	 0 0 0 0	15	0.2	0	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm) 2017 2015 2011 2007	7/6/17	 10 20 5 10	 .215 .166 .036 .454	 0 1 0 0	1.3	0.3	Not applicable	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

TABLE 3 – SAMPLING RESULTS FOR SODIUM AND HARDNESS						
Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**MCL**	**PHG (MCLG)**	**Typical Source of Contaminant**
Sodium (ppm)				None	None	Salt present in the water and is generally naturally occurring
Well 1	1/16/18	129	96-129			
Well 2	1/16/18	96				
Well 1	6/12/18	123				
Well 2	6/12/18	105				
Well 1	12/10/18	126				
Well 2	12/10/18	97				
Well 1	6/27/17	116				
Well 2	6/27/17	101				
Hardness (ppm)				None	None	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring
Well 1	1/16/18	117	79.3-123			
Well 2	1/16/18	79.3				
Well 1	6/12/18	108				
Well 2	6/12/18	85.9				
Well 1	12/10/18	123				
Well 2	12/10/18	79.3				
Well 1	6/27/17	108				
Well 2	6/27/17	85.9				

TABLE 4 – DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD						
Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**MCL [MRDL]**	**PHG (MCLG) [MRDLG]**	**Typical Source of Contaminant**
Aluminum				[1000 ppb]	(600 ppb)	Erosion of natural deposits; residue from some surface water treatment processes.
Well 1	6/7/12	ND				
Well 2	6/7/12	140				
Well 1	8/31/10	130				
Well 2	8/31/10	110				
Arsenic				[10 ppb]	(.004)	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
Well 1	12/10/18	2				
Well 2	12/10/18	2				
Well 1	11/15/18	2				
Well 2	11/15/18	2				
Well 1	6/12/18	2				
Well 2	6/12/18	2				
Well 1	1/16/18	2				
Well 2	1/16/18	2				
Well 1	11/2/17	2				
Well 2	11/2/17	2				
Well 1	6/27/17	ND				
Well 2	6/27/17	ND				
Well 1	11/29/16	ND				
Well 2	11/29/16	ND				
Well 1	6/30/16	ND				
Well 2	6/30/16	2				
Well 1	6/9/15	ND				
Well 2	6/9/15	ND				
Barium				[1000 ppb]	(2000 ppb)	Discharge of oil drilling wastes and from metal refineries; erosion of natural deposits.
Well 1	12/10/18	185				
Well 2	12/10/18	74.9				
Well 1	6/12/18	193				
Well 2	6/12/18	84.6				
Well 1	1/16/18	184				
Well 2	1/16/18	69.8				
Well 1	6/27/17	144				
Well 2	6/27/17	78.6				
Well 1	12/14/16	202				
Well 2	12/14/16	74.4				
Well 1	6/30/16	145				
Well 2	6/30/16	74.3				

Well 1	6/9/15	124				
Well 2	6/9/15	84.2				
Well 1	12/4/14	174				
Well 2	12/4/14	61.2				
Chromium				[50 ppb]	(100 ppb)	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits.
Well 1	10/2/14	ND				
Well 2	10/2/14	ND				
Well 1	6/7/12	ND				
Well 2	6/7/12	ND				
Well 1	8/31/10	2				
Well 2	8/31/10	ND				
Gross Alpha Particle Activity				[15 pCi/L]		Erosion of natural deposits.
Well 1	6/12/18	0.0 pCi/L				
Well 2	6/12/18	0.497 pCi/L				
Well 1	3/5/09	0.0 pCi/L				
Well 2	3/5/09	2.21 pCi/L				
Well 1	2/5/08	.358 pCi/L				
Well 2	2/5/08	0.0 pCi/L				
Mercury				[2 ppb]	(1.2 ppb)	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills and cropland.
Well 1	6/7/12	ND				
Well 2	6/7/12	ND				
Well 1	8/31/10	0.03				
Well 2	8/31/10	0.04				
Nickel				[100 ppb]	(12 ppb)	Erosion of natural deposits; discharge from metal factories.
Well 1	11/15/18	ND				
Well 2	11/15/18	ND				
Well 1	11/2/17	ND				
Well 2	11/2/17	ND				
Well 1	11/29/16	ND				
Well 2	11/29/16	ND				
Well 1	11/6/14	ND				
Well 2	11/6/14	ND				
Nitrate (as nitrate NO3)				[45 ppm]	(45 ppm)	
Well 1	12/10/18	ND				
Well 2	12/10/18	ND				
Well 1	6/12/18	ND				
Well 2	6/12/18	ND				
Well 1	1/16/18	ND				
Well 2	1/16/18	ND				
Well 1	11/2/17	ND				
Well 2	11/2/17	ND				
TTHMs Treated Water Supply	8/3/17	79.0		[80 ppb]	None	By-product of drinking water chlorination
	8/28/14	25.1				
	8/14/12	19.7				
	9/12/06	11.5				
1,2,3 – Trichloropropane (TCP)				.005	.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.
Well 1	6/12/18	ND				
Well 2	6/12/18	ND				
Well 1	9/6/18	ND				
Well 2	9/6/18	ND				
Well 1	12/10/18	ND				
Well 2	12/10/18	ND				
Well 1	3/12/19	ND				
Well 2	3/12/19	ND				

TABLE 5 – DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	SMCL	PHG (MCLG)	Typical Source of Contaminant
Chloride				[500 ppm]	None	Naturally occurring.
Well 1	12/10/18	131				
Well 2	12/10/18	19				

Well 1	6/12/18	110				
Well 2	6/12/18	23				
Well 1	1/16/18	121				
Well 2	1/16/18	18				
Well 1	11/2/17	149				
Well 2	11/2/17	19				
Well 1	6/27/17	93				
Well 2	6/27/17	21				
Iron				[300 ppb]	None	Erosion of natural deposits
Well 1	12/10/18	80				
Well 2	12/10/18	70				
Well 1	6/12/18	310*				
Well 2	6/12/18	150				
Well 1	1/16/18	510				
Well 2	1/16/18	280				
Well 1	11/2/17	100				
Well 2	11/2/17	ND				
Well 1	6/27/17	110				
Well 2	6/27/17	60				
Manganese				[50 ppb]	None	Erosion of natural deposits
Well 1	12/10/18	90*				
Well 2	12/10/18	40				
Well 1	6/12/18	90*				
Well 2	6/12/18	50*				
Well 1	1/16/18	100*				
Well 2	1/16/18	50*				
Well 1	11/2/17	100*				
Well 2	11/2/17	40				
Well 1	6/27/17	70*				
Well 2	6/27/17	50*				
Specific Conductance				[1600 u/cm]	None	Substances that form ions when in water
Well 1	12/10/18	858 u/cm				
Well 2	12/10/18	578 u/cm				
Well 1	6/12/18	801 u/cm				
Well 2	6/12/18	567 u/cm				
Well 1	1/16/18	839 u/cm				
Well 2	1/16/18	557 u/cm				
Well 1	11/2/17	910 u/cm				
Well 2	11/2/17	570 u/cm				
Well 1	6/27/17	754 u/cm				
Well 2	6/27/17	590 u/cm				
Sulfate				[500 ppm]	None	Naturally occurring
Well 1	12/10/18	13.1				
Well 2	12/10/18	25.5				
Well 1	6/12/18	13.6				
Well 2	6/12/18	30.8				
Well 1	1/16/18	15.3				
Well 2	1/16/18	25.8				
Well 1	11/2/17	8.9				
Well 2	11/2/17	26.1				
Well 1	6/27/17	18.2				
Well 2	6/27/17	28.4				
TDS				[1000 ppm]	None	Naturally occurring
Well 1	12/10/18	490				
Well 2	12/10/18	350				
Well 1	6/12/18	801				
Well 2	6/12/18	567				
Well 1	1/16/18	480				
Well 2	1/16/18	360				
Well 1	6/27/17	440				
Well 2	6/27/17	350				
Well 1	6/30/16	400				

Well 2	6/30/16	360				
Zinc Well 1 Well 2 Well 1 Well 2 Well 1 Well 2 Well 1 Well 2 Well 1 Well 2	 12/10/18 12/10/18 6/12/18 6/12/18 1/16/18 1/16/18 11/2/17 11/2/18 6/27/17 6/27/17	 ND ND ND ND 20 ND ND ND ND ND		[5000 ppb]	None	Runoff / Leaching from natural deposits; industrial waste.

TABLE 6 – DETECTION OF UNREGULATED CONTAMINANTS

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Health Effects Language

Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of 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 U.S. EPA'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. U.S. EPA/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: 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 service lines and home plumbing. [***ENTER WATER SYSTEM'S NAME HERE***] 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. [***OPTIONAL:*** If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants.] 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 (1-800-426-4791) or at http://www.epa.gov/lead.

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

Iron and Manganese have been found periodically in Well #1, and Well #2 at levels that exceed the secondary MCL. Iron and Manganese are on the State's Secondary standards list of chemicals and there is no associated health risk for this level of each in the drinking water and the State has requested no further action at this time. Iron and Manganese levels are due to leaching of natural deposits. Water filtration is recommended for sensitive equipment.

Colusa Industrial Properties missed sampling for 1,2,3 – Trichloropropane in the first calendar quarter of 2018 and received a notice of violation # 21-18N-014 from the State Water Board. CIP has since tested (4) consecutive quarters with (ND) for both wells. See test dated for 3/12/19 for 1,2,3 TCP.