2020 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 Board's website at http://www.swrcb.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml)

Water System Name: OLIN CHLOR ALKALI PRODUCTS SPWS

Water System Number: CA3901320

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 06.30.2021 (*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: JESSICA SUMMEY

Signature: Jessica Summey

Title: PLANT MANAGER

Phone Number: (209) 221.8206 Date: 06.30.2021

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 mail or other direct delivery methods. Specify other direct delivery methods used: THE REPORT IS POSTED IN CONSPICUOUS LOCATIONS (IE. OFFICES, EMPLOYEE BREAK ROOMS) AND HAS BEEN MADE AVAILABLE TO THE PUBLIC ONLINE.

☒ "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. sdwis.waterboards.ca.gov
- ☐ 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) SEE ABOVE
- ☐ 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: OLIN CHLOR ALKALI PRODUCTS WTR SYS Report Date: June 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: Groundwater is sourced from the unadjudicated San Joaquin Valley Tracy Subbasin (No. 5-022.15)

Your water comes from 3 source(s): WELL #3

Opportunities for public participation in decisions that affect drinking water quality: Information related to drinking water are communicated to all customers as needed. Opportunity to participate is provided in advance.

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.

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 and 3 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	0.03	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)	(2020)	2	n/a	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes
Nitrate as N (mg/L)	(2020)	1	n/a	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2018)	2.54	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)	(2020)	0.004	n/a	0.05	Vanadium exposures resulted in developmental and reproductive effects in rats.

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. *Quality Service-Olin Chlor Alkali Products* 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.

2020 Consumer Confidence Report

Drinking Water Assessment Information

Assessment Information

A source water assessment has not been completed for the WELL #3 of the OLIN CHLOR ALKALI PRODUCTS WTR SYS water system.

WELL #3 - does not have a completed assessment on file.

Discussion of Vulnerability

As a consumer, you have a right to know what's going on with the quality and nature of the water you receive. You will be notified if the analytical monitoring program shows the water does not meet a primary state standard; the summary below is not intended to raise concerns about the water supply, nor is it to say that the activities that have been identified will cause the source to be contaminated now or in the future. This assessment is used to inform the water system about potential hazards that could influence the groundwater quality so that management practices may be employed or bolstered to protect the water that we provide you. A source water assessment was completed for Olin Chlor Alkali Products Water System in April of 2002 by San Joaquin County. The source was found to be most vulnerable to the following activities not associated with any detected contaminants:
Pesticide/fertilizer/petroleum storage & transfer areas
Recent water testing has been within state standards; however, the source is still considered to be vulnerable to activities within proximity of the well site.
For more information, or to request copies of the completed assessments, please contact Quality Service, Inc. or visit the San Joaquin County Environmental Health Department at 1868 E Hazelton Ave, Stockton, CA 95205.

Acquiring Information
A copy of the complete assessment may be viewed at:
San Joaquin County
Environmental Health Department
304 E. Weber Ave, 3rd Floor
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

For more info you may visit https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/DWSAP.html or contact the health department in the county to which the water system belongs as indicated on this following link: https://www.waterboards.ca.gov/drinking_water/programs/documents/ddwem/DDWdistrictofficesmap.pdf

Quality Service-Olin Chlor Alkali Products

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			0.03	5
Caustic Tank RM	STK1850328-4	mg/L				2018-07-17	ND		
Cooling Tower	STK1850328-5	mg/L				2018-07-17	0.06		
Kitchen	STK1850328-1	mg/L				2018-07-17	ND		
Mens RR	STK1850328-2	mg/L				2018-07-17	ND		
Plant RR	STK1850328-3	mg/L				2018-07-17	ND		

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 #3	STK2038582-1	ug/L				2020-06-16	2		
Nitrate as N		mg/L		10	10			1.0	1 - 1
WELL #3	STK2038582-1	mg/L				2020-06-16	1		
Gross Alpha		pCi/L		15	(0)			2.54	2.54 - 2.54
WELL #3	STK1837889-1	pCi/L				2018-06-06	2.54		

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Vanadium		mg/L		NS	n/a			0.004	0.004 - 0.004
WELL #3	STK2038582-1	mg/L				2020-06-16	0.004		

Quality Service-Olin Chlor Alkali Products

CCR Login Linkage - 2020

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
Caustic Tank RM	STK1850328-4	2018-07-17	Metals, Total	Caustic Tank RM	Lead and Copper Monitoring
Cooling Tower	STK1850328-5	2018-07-17	Metals, Total	Cooling Tower	Lead and Copper Monitoring
Kitchen	STK1850328-1	2018-07-17	Metals, Total	Kitchen	Lead and Copper Monitoring
MENS RR	STK2032194-1	2020-02-12	Coliform	Mens Restroom	Rout 2 - Even
	STK2034518-1	2020-04-06	Coliform	Mens Restroom	Rout 2 - Even
	STK2038581-1	2020-06-16	Coliform	Mens Restroom	Rout 2 - Even
	STK2051161-1	2020-08-05	Coliform	Mens Restroom	Rout 2 - Even
	STK2054949-1	2020-10-19	Coliform	Mens Restroom	Rout 2 - Even
	STK2057019-1	2020-12-07	Coliform	Mens Restroom	Rout 2 - Even
Mens RR	STK1850328-2	2018-07-17	Metals, Total	Mens RR	Lead and Copper Monitoring
OFF BRKRM SINK	STK2030384-1	2020-01-08	Coliform	Office Breakroom Sink	Routine 1 - Odd
	STK2033477-1	2020-03-11	Coliform	Office Breakroom Sink	Routine 1 - Odd
	STK2035937-1	2020-05-04	Coliform	Office Breakroom Sink	Routine 1 - Odd
	STK2039579-1	2020-07-08	Coliform	Office Breakroom Sink	Routine 1 - Odd
	STK2053361-1	2020-09-16	Coliform	Office Breakroom Sink	Routine 1 - Odd
	STK2055653-1	2020-11-04	Coliform	Office Breakroom Sink	Routine 1 - Odd
Plant RR	STK1850328-3	2018-07-17	Metals, Total	Plant RR	Lead and Copper Monitoring
WELL #3	STK1837889-1	2018-06-06	Radio Chemistry	WELL #3	Radio Monitoring
	STK2038582-1	2020-06-16	Wet Chemistry	WELL #3	Water Quality Monitoring
	STK2038582-1	2020-06-16	Metals, Total	WELL #3	Water Quality Monitoring