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:	**CHESTER PUBLIC U.D.**
Water System Number:	**CA3210009**

The water system named above hereby certifies that its Consumer Confidence Report was distributed on _____(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:	( )	Date:

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:

☐ CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used:

_____

_____

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

- ☐ 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)
- ☐ 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 investor-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.)

2024 Consumer Confidence Report

Water System Name: CHESTER PUBLIC U.D. Report Date: March 2025

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, 2024.

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: Information regarding the type of water source in use is not available, as this water system does not have a completed assessment on file. Please see the Drinking Water Source Assessment Information section located at the end of this report for more details.

Your water comes from 4 source(s): Well 01B, Well 02, WELL 03 and Well 05

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 (530)258-2171 and ask for Allan Homme.

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.

ND: not detectable at testing limit

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.

Table(s) 1, 2, 3, 4, 5, 6 and 7 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 COLIFORM BACTERIA

Microbiological Contaminants (complete if bacteria detected)	**Highest No. of Detections**	**No. of Months in Violation**	**MCL**	**MCLG**	**Typical Sources of Contaminant**
Total Coliform Bacteria	9/year (2024)	2	no more than 1 positive monthly sample	0	Naturally present in the environment.

Table 2 - 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)	(2024)	10	0.09	0	1.3	.3	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**	**Average Level Detected**	**Range of Detections**	**MCL**	**PHG (MCLG)**	**Typical Sources of Contaminant**
Sodium (mg/L)	(2018 - 2023)	5	5 - 6	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2018 - 2023)	54.4	42.2 - 68.7	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

Table 4 - 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 - 2023)	ND	ND - 2	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes
Nitrate + Nitrite as N (mg/L)	(2018 - 2023)	ND	ND - 0.4	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2019 - 2020)	ND	ND - 1.20	15	(0)	Erosion of natural deposits.

Table 5 - 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)	(2018 - 2023)	ND	ND - 1	500	n/a	Runoff/leaching from natural deposits; seawater influence
Specific Conductance (umhos/cm)	(2018 - 2023)	138	117 - 167	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	(2018 - 2023)	0.4	ND - 0.6	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	(2018 - 2023)	88	70 - 110	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2018 - 2020)	0.5	0.2 - 0.8	5	n/a	Soil runoff

Table 6 - DETECTION OF UNREGULATED CONTAMINANTS

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	Notification Level	Health Effects
Vanadium (ug/L)	(2018 - 2023)	4	3 - 6	50	Vanadium exposures resulted in developmental and reproductive effects in rats.

Table 7 - 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)	(2018 - 2023)	12	7 - 16	n/a	n/a
Magnesium (mg/L)	(2018 - 2023)	6	6 - 7	n/a	n/a
pH (units)	(2018 - 2023)	7.2	6.8 - 7.69	n/a	n/a
Alkalinity (mg/L)	(2018 - 2023)	68	60 - 80	n/a	n/a
Aggressiveness Index	(2018 - 2023)	10.5	9.8 - 11.0	n/a	n/a
Langelier Index	(2018 - 2023)	-1.3	-1.9 - -0.8	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. *Chester PUD-Drinking Water* 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**
Total Coliform Bacteria				Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments.

2024 Consumer Confidence Report

Drinking Water Assessment Information

Assessment Information
A source water assessment was not conducted for the WELL 01, WELL 02, WELL 03, and WELL05 of the CHESTER PUBLIC U.D. water system.

Well 01B - does not have a completed DWSAP on file.
Well 02 - does not have a completed DWSAP on file.
WELL 03 - does not have a completed DWSAP on file.
Well 05 - does not have a completed DWSAP on file.

Discussion of Vulnerability
Assessment summaries are not available for some sources. This is because:
 The Assessment has not been completed. Contact the local DDW district office or the water system to find out when the Assessment is scheduled to be done.

 The source is not active. It may be out of service, or new and not yet in service.
 The Assessment was not submitted electronically. The site used to obtain Assessments only provides access to Assessment summaries submitted electronically.

Acquiring Information

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

Chester PUD-Drinking Water

Analytical Results By FGL - 2024

MICROBIOLOGICAL CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Total Coliform Bacteria			0	5%	n/a			2	1 - 23.8
200 Main	CH 2479883-2					2024-10-23	<1.0		
200 Main	CH 2475725-1					2024-07-02	Absent		
200 Main	CH 2474521-1					2024-06-05	Absent		
423 Settlers Rd.	CH 2477291-2					2024-08-08	<1.0		
495 Settlers	CH 2470177-2					2024-01-05	<1.0		
567 Settlers Road	CH 2477291-3					2024-08-08	<1.0		
649 Wagon Rd	CH 2470177-3					2024-01-05	<1.0		
665 Andrews	CH 2478233-6					2024-09-06	2		
687 Almanor	CH 2478417-1					2024-09-11	<1.0		
713 Andrews	CH 2476310-3					2024-07-12	<1.0		
713 Andrews	CH 2475939-3					2024-07-03	1		
943 Lorraine Dr	CH 2478417-2					2024-09-11	23.8		
943 Lorraine Dr	CH 2478233-1					2024-09-05	<1.0		
943 Lorraine Dr	CH 2476310-2					2024-07-12	<1.0		
951 Lorraine Dr	CH 2475939-2					2024-07-03	2		
963 Lorraine Dr	CH 2479883-1					2024-10-23	<1.0		
963 Lorraine Dr	CH 2478417-3					2024-09-11	<1.0		
963 Lorraine Dr	CH 2478233-2					2024-09-05	<1.0		
963 Lorraine Dr	CH 2476310-1					2024-07-12	<1.0		
963 Lorraine Dr	CH 2475939-1					2024-07-03	3.1		
Church 200 Main	CH 2470960-1					2024-02-08	Absent		
Clinic Conference Room	CH 2474519-1					2024-06-05	Absent		
Clinic Conference Room	CH 2473299-1					2024-05-01	Absent		
Clinic Conference Room	CH 2472486-1					2024-04-03	Absent		
Clinic Conference Room	CH 2471633-1					2024-03-06	Absent		
Clinic Conference Room	CH 2470959-1					2024-02-08	Absent		
Clinic Conference Room	CH 2470070-1					2024-01-03	Absent		
Martin Ranch	CH 2479883-4					2024-10-23	<1.0		
Martin Ranch	CH 2470177-1					2024-01-05	<1.0		
Old CUPD Office Sink Faucet	CH 2473372-1					2024-05-01	Absent		
Old CUPD Office Sink Faucet	CH 2472489-1					2024-04-03	Absent		
Old CUPD Office Sink Faucet	CH 2471634-1					2024-03-06	Absent		
Old CUPD Office Sink Faucet	CH 2470069-1					2024-01-03	Absent		
Reynolds	CH 2479883-3					2024-10-23	<1.0		
Sample Station @ Hospital	CH 2475727-1					2024-07-02	Absent		
Sample Station @ Meter	CH 2475728-1					2024-07-02	Present		
Sample Station at Hospital	CH 2491032-1					2024-12-04	Absent		
Sample Station at Hospital	CH 2490672-1					2024-11-25	Absent		
Sample Station at Hospital	CH 2477981-1					2024-09-04	Absent		
Sample Station at Hospital	CH 2477132-1					2024-08-07	Absent		
Sample Station at Meter	CH 2491031-1					2024-12-04	Absent		
Sample Station at Meter	CH 2491030-1					2024-12-04	Absent		
Sample Station at Meter	CH 2490675-1					2024-11-25	Absent		
Sample Station at Meter	CH 2490673-1					2024-11-25	Absent		
Sample Station at Meter	CH 2478189-1					2024-09-04	Absent		
Sample Station at Meter	CH 2477982-1					2024-09-04	Present		
Sample Station at Meter	CH 2477131-1					2024-08-07	Absent		
Sampling Station	CH 2491033-1					2024-12-04	Absent		
Sampling Station	CH 2490674-1					2024-11-25	Absent		
Sampling Station	CH 2478190-1					2024-09-04	Absent		
Sampling Station	CH 2477291-1					2024-08-08	<1.0		
Sampling Station	CH 2477130-1					2024-08-07	Present		
Sampling Station	CH 2475726-1					2024-07-02	Absent		

Sampling Station	CH 2474522-1					2024-06-05	Absent		
Sampling Station	CH 2473373-1					2024-05-01	Absent		
Sampling Station	CH 2472487-1					2024-04-03	Absent		
Sampling Station	CH 2471632-1					2024-03-06	Absent		
Sampling Station	CH 2470957-1					2024-02-08	Absent		
Sampling Station	CH 2470072-1					2024-01-03	Present		
Sink Faucet	CH 2474520-1					2024-06-05	Absent		
Sink Faucet	CH 2473298-1					2024-05-01	Absent		
Sink Faucet	CH 2472485-1					2024-04-03	Absent		
Sink Faucet	CH 2471635-1					2024-03-06	Absent		
Sink Faucet	CH 2471067-1					2024-02-08	Absent		
Sink Faucet	CH 2470071-1					2024-01-03	Absent		
Fecal coliform and E. coli				0	n/a			ND	-
200 Main	CH 2479883-2					2024-10-23	<1.0		
200 Main	CH 2475725-1					2024-07-02	Absent		
200 Main	CH 2474521-1					2024-06-05	Absent		
423 Settlers Rd.	CH 2477291-2					2024-08-08	<1.0		
495 Settlers	CH 2470177-2					2024-01-05	<1.0		
567 Settlers Road	CH 2477291-3					2024-08-08	<1.0		
649 Wagon Rd	CH 2470177-3					2024-01-05	<1.0		
665 Andrews	CH 2478233-6					2024-09-06	<1.0		
687 Almanor	CH 2478417-1					2024-09-11	<1.0		
713 Andrews	CH 2476310-3					2024-07-12	<1.0		
713 Andrews	CH 2475939-3					2024-07-03	<1.0		
943 Lorraine Dr	CH 2478417-2					2024-09-11	<1.0		
943 Lorraine Dr	CH 2478233-1					2024-09-05	<1.0		
943 Lorraine Dr	CH 2476310-2					2024-07-12	<1.0		
951 Lorraine Dr	CH 2475939-2					2024-07-03	<1.0		
963 Lorraine Dr	CH 2479883-1					2024-10-23	<1.0		
963 Lorraine Dr	CH 2478417-3					2024-09-11	<1.0		
963 Lorraine Dr	CH 2478233-2					2024-09-05	<1.0		
963 Lorraine Dr	CH 2476310-1					2024-07-12	<1.0		
963 Lorraine Dr	CH 2475939-1					2024-07-03	<1.0		
Church 200 Main	CH 2470960-1					2024-02-08	Absent		
Clinic Conference Room	CH 2474519-1					2024-06-05	Absent		
Clinic Conference Room	CH 2473299-1					2024-05-01	Absent		
Clinic Conference Room	CH 2472486-1					2024-04-03	Absent		
Clinic Conference Room	CH 2471633-1					2024-03-06	Absent		
Clinic Conference Room	CH 2470959-1					2024-02-08	Absent		
Clinic Conference Room	CH 2470070-1					2024-01-03	Absent		
Martin Ranch	CH 2479883-4					2024-10-23	<1.0		
Martin Ranch	CH 2470177-1					2024-01-05	<1.0		
Old CUPD Office Sink Faucet	CH 2473372-1					2024-05-01	Absent		
Old CUPD Office Sink Faucet	CH 2472489-1					2024-04-03	Absent		
Old CUPD Office Sink Faucet	CH 2471634-1					2024-03-06	Absent		
Old CUPD Office Sink Faucet	CH 2470069-1					2024-01-03	Absent		
Reynolds	CH 2479883-3					2024-10-23	<1.0		
Sample Station @ Hospital	CH 2475727-1					2024-07-02	Absent		
Sample Station @ Meter	CH 2475728-1					2024-07-02	Absent		
Sample Station at Hospital	CH 2491032-1					2024-12-04	Absent		
Sample Station at Hospital	CH 2490672-1					2024-11-25	Absent		
Sample Station at Hospital	CH 2477981-1					2024-09-04	Absent		
Sample Station at Hospital	CH 2477132-1					2024-08-07	Absent		
Sample Station at Meter	CH 2491031-1					2024-12-04	Absent		
Sample Station at Meter	CH 2491030-1					2024-12-04	Absent		
Sample Station at Meter	CH 2490675-1					2024-11-25	Absent		
Sample Station at Meter	CH 2490673-1					2024-11-25	Absent		
Sample Station at Meter	CH 2478189-1					2024-09-04	Absent		
Sample Station at Meter	CH 2477982-1					2024-09-04	Absent		
Sample Station at Meter	CH 2477131-1					2024-08-07	Absent		
Sampling Station	CH 2491033-1					2024-12-04	Absent		

Sampling Station	CH 2490674-1					2024-11-25	Absent		
Sampling Station	CH 2478190-1					2024-09-04	Absent		
Sampling Station	CH 2477291-1					2024-08-08	<1.0		
Sampling Station	CH 2477130-1					2024-08-07	Absent		
Sampling Station	CH 2475726-1					2024-07-02	Absent		
Sampling Station	CH 2474522-1					2024-06-05	Absent		
Sampling Station	CH 2473373-1					2024-05-01	Absent		
Sampling Station	CH 2472487-1					2024-04-03	Absent		
Sampling Station	CH 2471632-1					2024-03-06	Absent		
Sampling Station	CH 2470957-1					2024-02-08	Absent		
Sampling Station	CH 2470072-1					2024-01-03	Absent		
Sink Faucet	CH 2474520-1					2024-06-05	Absent		
Sink Faucet	CH 2473298-1					2024-05-01	Absent		
Sink Faucet	CH 2472485-1					2024-04-03	Absent		
Sink Faucet	CH 2471635-1					2024-03-06	Absent		
Sink Faucet	CH 2471067-1					2024-02-08	Absent		
Sink Faucet	CH 2470071-1					2024-01-03	Absent		

LEAD AND COPPER RULE

		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Lead		ug/L	0	15	0.2				10
371 Melissa	CH 2476407-1	ug/L				2024-07-10	ND		
471 Settlers	CH 2476407-6	ug/L				2024-07-11	ND		
498 Red Cedar	CH 2476407-8	ug/L				2024-07-12	ND		
504 Andrews	CH 2476407-10	ug/L				2024-07-12	ND		
553 Pehar	CH 2476407-7	ug/L				2024-07-12	ND		
575 Andrews	CH 2476407-5	ug/L				2024-07-10	ND		
611 Watson	CH 2476407-3	ug/L				2024-07-12	ND		
622 Sherman	CH 2476407-9	ug/L				2024-07-12	ND		
666 Sherman	CH 2476407-4	ug/L				2024-07-12	ND		
743 Wagon	CH 2476407-2	ug/L				2024-07-10	ND		
Copper		mg/L		1.3	.3			0.09	10
371 Melissa	CH 2476407-1	mg/L				2024-07-10	ND		
471 Settlers	CH 2476407-6	mg/L				2024-07-11	ND		
498 Red Cedar	CH 2476407-8	mg/L				2024-07-12	0.05		
504 Andrews	CH 2476407-10	mg/L				2024-07-12	ND		
553 Pehar	CH 2476407-7	mg/L				2024-07-12	0.09		
575 Andrews	CH 2476407-5	mg/L				2024-07-10	0.06		
611 Watson	CH 2476407-3	mg/L				2024-07-12	ND		
622 Sherman	CH 2476407-9	mg/L				2024-07-12	ND		
666 Sherman	CH 2476407-4	mg/L				2024-07-12	0.07		
743 Wagon	CH 2476407-2	mg/L				2024-07-10	0.09		

SAMPLING RESULTS FOR SODIUM AND HARDNESS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		mg/L		none	none			5	5 - 6
WELL 01B	CH 1876414-1	mg/L				2018-07-25	5		
WELL 02	CH 1876414-2	mg/L				2018-07-25	6		
WELL 03	CH 1876414-3	mg/L				2018-07-25	5		
WELL 05	CH 2378602-1	mg/L				2023-10-04	5		
Hardness		mg/L		none	none			54.4	42.2 - 68.7
WELL 01B	CH 1876414-1	mg/L				2018-07-25	54.6		
WELL 02	CH 1876414-2	mg/L				2018-07-25	42.2		
WELL 03	CH 1876414-3	mg/L				2018-07-25	68.7		
WELL 05	CH 2378602-1	mg/L				2023-10-04	52.1		

PRIMARY DRINKING WATER STANDARDS (PDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Arsenic		ug/L		10	0.004			ND	ND - 2
WELL 01B	CH 1876414-1	ug/L				2018-07-25	ND		
WELL 02	CH 1876414-2	ug/L				2018-07-25	2		
WELL 03	CH 1876414-3	ug/L				2018-07-25	ND		
WELL 05	CH 2378602-1	ug/L				2023-10-04	ND		
Nitrate + Nitrite as N		mg/L		10	10			ND	ND - 0.4
WELL 01B	CH 1876414-1	mg/L				2018-07-25	ND		
WELL 02	CH 1876414-2	mg/L				2018-07-25	ND		
WELL 03	CH 1876414-3	mg/L				2018-07-25	0.4		
WELL 05	CH 2378602-1	mg/L				2023-10-04	ND		
Gross Alpha		pCi/L		15	(0)			ND	ND - 1.20
WELL 01B	CH 1975882-1	pCi/L				2019-07-17	ND		
WELL 02	CH 1975882-2	pCi/L				2019-07-17	ND		
WELL 03	CH 1975882-3	pCi/L				2019-07-17	1.12		
WELL 05	CH 2070256-1	pCi/L				2020-01-08	1.20		

SECONDARY DRINKING WATER STANDARDS (SDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		mg/L		500	n/a			ND	ND - 1
WELL 01B	CH 1876414-1	mg/L				2018-07-25	ND		
WELL 02	CH 1876414-2	mg/L				2018-07-25	ND		
WELL 03	CH 1876414-3	mg/L				2018-07-25	1		
WELL 05	CH 2378602-1	mg/L				2023-10-04	ND		
Specific Conductance		umhos/cm		1600	n/a			138	117 - 167
WELL 01B	CH 1876414-1	umhos/cm				2018-07-25	133		
WELL 02	CH 1876414-2	umhos/cm				2018-07-25	117		
WELL 03	CH 1876414-3	umhos/cm				2018-07-25	167		
WELL 05	CH 2378602-1	umhos/cm				2023-10-04	134		
Sulfate		mg/L		500	n/a			0.4	ND - 0.6
WELL 01B	CH 1876414-1	mg/L				2018-07-25	0.5		
WELL 02	CH 1876414-2	mg/L				2018-07-25	0.6		
WELL 03	CH 1876414-3	mg/L				2018-07-25	0.6		
WELL 05	CH 2378602-1	mg/L				2023-10-04	ND		
Total Dissolved Solids		mg/L		1000	n/a			88	70 - 110
WELL 01B	CH 1876414-1	mg/L				2018-07-25	70		
WELL 02	CH 1876414-2	mg/L				2018-07-25	80		
WELL 03	CH 1876414-3	mg/L				2018-07-25	90		
WELL 05	CH 2378602-1	mg/L				2023-10-04	110		
Turbidity		NTU		5	n/a			0.5	0.2 - 0.8
WELL 01B	CH 1876414-1	NTU				2018-07-25	0.8		
WELL 02	CH 1876414-2	NTU				2018-07-25	0.2		
WELL 03	CH 1876414-3	NTU				2018-07-25	0.6		
WELL 05	CH 2074811-1	NTU				2020-07-01	0.2		

UNREGULATED CONTAMINANTS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Vanadium		ug/L		NS	n/a			4	3 - 6
WELL 01B	CH 1876414-1	ug/L				2018-07-25	3		
WELL 02	CH 1876414-2	ug/L				2018-07-25	6		
WELL 03	CH 1876414-3	ug/L				2018-07-25	3		
WELL 05	CH 2378602-1	ug/L				2023-10-04	4		

ADDITIONAL DETECTIONS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Calcium		mg/L			n/a			12	7 - 16

WELL 01B	CH 1876414-1	mg/L				2018-07-25	12		
WELL 02	CH 1876414-2	mg/L				2018-07-25	7		
WELL 03	CH 1876414-3	mg/L				2018-07-25	16		
WELL 05	CH 2378602-1	mg/L				2023-10-04	11		
Magnesium		mg/L			n/a			6	6 - 7
WELL 01B	CH 1876414-1	mg/L				2018-07-25	6		
WELL 02	CH 1876414-2	mg/L				2018-07-25	6		
WELL 03	CH 1876414-3	mg/L				2018-07-25	7		
WELL 05	CH 2378602-1	mg/L				2023-10-04	6		
pH		units			n/a			7.20	6.8 - 7.69
WELL 01B	CH 1876414-1	units				2018-07-25	7.1		
WELL 02	CH 1876414-2	units				2018-07-25	6.8		
WELL 03	CH 1876414-3	units				2018-07-25	7.2		
WELL 05	CH 2378602-1	units				2023-10-04	7.69		
Alkalinity		mg/L			n/a			68	60 - 80
WELL 01B	CH 1876414-1	mg/L				2018-07-25	60		
WELL 02	CH 1876414-2	mg/L				2018-07-25	60		
WELL 03	CH 1876414-3	mg/L				2018-07-25	80		
WELL 05	CH 2378602-1	mg/L				2023-10-04	70		
Aggressiveness Index					n/a			10.5	9.8 - 11.0
WELL 01B	CH 1876414-1					2018-07-25	10.4		
WELL 02	CH 1876414-2					2018-07-25	9.8		
WELL 03	CH 1876414-3					2018-07-25	10.7		
WELL 05	CH 2378602-1					2023-10-04	11.0		
Langelier Index					n/a			-1.3	-1.9 - -0.8
WELL 01B	CH 1876414-1					2018-07-25	-1.4		
WELL 02	CH 1876414-2					2018-07-25	-1.9		
WELL 03	CH 1876414-3					2018-07-25	-1.1		
WELL 05	CH 2378602-1					2023-10-04	-0.8		

Chester PUD-Drinking Water

CCR Login Linkage - 2024

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
200 MAIN	CH 2474521-1	2024-06-05	Coliform	200 Main	Chester PUD-Drinking Water
	CH 2475725-1	2024-07-02	Coliform	200 Main	New sample staion at 200 Main
	CH 2479883-2	2024-10-23	Coliform	200 Main	Chester PUD-Drinking Water
CA3210009_LCR	CH 2476407-1	2024-07-10	Metals, Total	371 Melissa	Lead & Copper Monitoring
423 Settlers Rd	CH 2477291-2	2024-08-08	Coliform	423 Settlers Rd.	Drinking Water Monitoring
CA3210009_LCR	CH 2476407-6	2024-07-11	Metals, Total	471 Settlers	Lead & Copper Monitoring
495 SETTLERS	CH 2470177-2	2024-01-05	Coliform	495 Settlers	Drinking Water Monitoring
CA3210009_LCR	CH 2476407-8	2024-07-12	Metals, Total	498 Red Cedar	Lead & Copper Monitoring
	CH 2476407-10	2024-07-12	Metals, Total	504 Andrews	Lead & Copper Monitoring
	CH 2476407-7	2024-07-12	Metals, Total	553 Pehar	Lead & Copper Monitoring
567StlrsRd	CH 2477291-3	2024-08-08	Coliform	567 Settlers Road	Drinking Water Monitoring
CA3210009_LCR	CH 2476407-5	2024-07-10	Metals, Total	575 Andrews	Lead & Copper Monitoring
	CH 2476407-3	2024-07-12	Metals, Total	611 Watson	Lead & Copper Monitoring
	CH 2476407-9	2024-07-12	Metals, Total	622 Sherman	Lead & Copper Monitoring
649 Wagon Rd	CH 2470177-3	2024-01-05	Coliform	649 Wagon Rd	Drinking Water Monitoring
665 Andrews	CH 2478233-6	2024-09-06	Coliform	665 Andrews	CHESTER PUBLIC U.D.
CA3210009_LCR	CH 2476407-4	2024-07-12	Metals, Total	666 Sherman	Lead & Copper Monitoring
687 Almanor	CH 2478417-1	2024-09-11	Coliform	687 Almanor	Chester PUD-Drinking Water
713 Andrews	CH 2475939-3	2024-07-03	Coliform	713 Andrews	Chester PUD-Drinking Water
	CH 2476310-3	2024-07-12	Coliform	713 Andrews	Chester PUD-Drinking Water
CA3210009_LCR	CH 2476407-2	2024-07-10	Metals, Total	743 Wagon	Lead & Copper Monitoring
943 Lorraine Dr	CH 2476310-2	2024-07-12	Coliform	943 Lorraine Dr	Chester PUD-Drinking Water
943 Lorraine	CH 2478233-1	2024-09-05	Coliform	943 Lorraine Dr	CHESTER PUBLIC U.D.
	CH 2478417-2	2024-09-11	Coliform	943 Lorraine Dr	Chester PUD-Drinking Water
951 Lorraine Dr	CH 2475939-2	2024-07-03	Coliform	951 Lorraine Dr	Chester PUD-Drinking Water
963 LORRAINE DR	CH 2475939-1	2024-07-03	Coliform	963 Lorraine Dr	Chester PUD-Drinking Water
963 Lorraine Dr	CH 2476310-1	2024-07-12	Coliform	963 Lorraine Dr	Chester PUD-Drinking Water
963 LORRAINE DR	CH 2478233-2	2024-09-05	Coliform	963 Lorraine Dr	CHESTER PUBLIC U.D.
963 Lorraine	CH 2478417-3	2024-09-11	Coliform	963 Lorraine Dr	Chester PUD-Drinking Water
963 LORRAINE DR	CH 2479883-1	2024-10-23	Coliform	963 Lorraine Dr	Chester PUD-Drinking Water
Church 200 Main	CH 2470960-1	2024-02-08	Coliform	Church 200 Main	Drinking Water Monitoring
SenecaHealth	CH 2470070-1	2024-01-03	Coliform	Clinic Conference Room	Seneca Healthcare District
	CH 2470959-1	2024-02-08	Coliform	Clinic Conference Room	Seneca Healthcare District
	CH 2471633-1	2024-03-06	Coliform	Clinic Conference Room	Seneca Healthcare District
	CH 2472486-1	2024-04-03	Coliform	Clinic Conference Room	Seneca Healthcare District
	CH 2473299-1	2024-05-01	Coliform	Clinic Conference Room	Seneca Healthcare District
	CH 2474519-1	2024-06-05	Coliform	Clinic Conference Room	Seneca Healthcare District
MARTIN RANCH	CH 2470177-1	2024-01-05	Coliform	Martin Ranch	Drinking Water Monitoring
	CH 2479883-4	2024-10-23	Coliform	Martin Ranch	Chester PUD-Drinking Water
Mtn.Prop RE	CH 2470069-1	2024-01-03	Coliform	Old CUPD Office Sink Faucet	209 Main St., Mt. Properties Real Estate Co.
	CH 2471634-1	2024-03-06	Coliform	Old CUPD Office Sink Faucet	209 Main St., Mt. Properties Real Estate Co.
	CH 2472489-1	2024-04-03	Coliform	Old CUPD Office Sink Faucet	209 Main St., Mt. Properties Real Estate Co.
	CH 2473372-1	2024-05-01	Coliform	Old CUPD Office Sink Faucet	Drinking Water Monitoring
Reynolds	CH 2479883-3	2024-10-23	Coliform	Reynolds	Chester PUD-Drinking Water
Sample Station	CH 2475727-1	2024-07-02	Coliform	Sample Station @ Hospital	185 Reynolds
	CH 2475728-1	2024-07-02	Coliform	Sample Station @ Meter	963 Lorraine-Homme Residence
SS@HOS	CH 2477132-1	2024-08-07	Coliform	Sample Station at Hospital	185 Reynolds
	CH 2477981-1	2024-09-04	Coliform	Sample Station at Hospital	185 Reynolds
	CH 2490672-1	2024-11-25	Coliform	Sample Station at Hospital	185 Reynolds
	CH 2491032-1	2024-12-04	Coliform	Sample Station at Hospital	185 Reynolds
SS@METER	CH 2477131-1	2024-08-07	Coliform	Sample Station at Meter	963 Lorriane Dr., Homme Residence

	CH 2477982-1	2024-09-04	Coliform	Sample Station at Meter	963 Lorriane Dr., Homme Residence
	CH 2478189-1	2024-09-04	Coliform	Sample Station at Meter	200 Main
	CH 2490673-1	2024-11-25	Coliform	Sample Station at Meter	963 Lorriane Dr., Homme Residence
	CH 2490675-1	2024-11-25	Coliform	Sample Station at Meter	200 Main
	CH 2491030-1	2024-12-04	Coliform	Sample Station at Meter	963 Lorriane Dr., Homme Residence
	CH 2491031-1	2024-12-04	Coliform	Sample Station at Meter	200 Main
Martin Ranch LS	CH 2470072-1	2024-01-03	Coliform	Sampling Station	Martin Ranch Lift Station
	CH 2470957-1	2024-02-08	Coliform	Sampling Station	Martin Ranch Lift Station
	CH 2471632-1	2024-03-06	Coliform	Sampling Station	Martin Ranch Lift Station
	CH 2472487-1	2024-04-03	Coliform	Sampling Station	Martin Ranch Lift Station
	CH 2473373-1	2024-05-01	Coliform	Sampling Station	Martin Ranch Lift Station
	CH 2474522-1	2024-06-05	Coliform	Sampling Station	Martin Ranch Lift Station
	CH 2475726-1	2024-07-02	Coliform	Sampling Station	Martin Ranch Lift Station
	CH 2477130-1	2024-08-07	Coliform	Sampling Station	Martin Ranch Lift Station
	CH 2477291-1	2024-08-08	Coliform	Sampling Station	Drinking Water Monitoring
	CH 2478190-1	2024-09-04	Coliform	Sampling Station	Martin Ranch Lift Station
	CH 2490674-1	2024-11-25	Coliform	Sampling Station	Martin Ranch Lift Station
	CH 2491033-1	2024-12-04	Coliform	Sampling Station	Martin Ranch Lift Station
HommeResidence	CH 2470071-1	2024-01-03	Coliform	Sink Faucet	963 Lorriane Dr., Homme Residence
	CH 2471067-1	2024-02-08	Coliform	Sink Faucet	963 Lorriane Dr., Homme Residence
	CH 2471635-1	2024-03-06	Coliform	Sink Faucet	963 Lorriane Dr., Homme Residence
	CH 2472485-1	2024-04-03	Coliform	Sink Faucet	963 Lorriane Dr., Homme Residence
	CH 2473298-1	2024-05-01	Coliform	Sink Faucet	963 Lorriane Dr., Homme Residence
	CH 2474520-1	2024-06-05	Coliform	Sink Faucet	963 Lorriane Dr., Homme Residence
WELL01B	CH 1876414-1	2018-07-25	Metals, Total	WELL 01B	Water Quality Monitoring
	CH 1876414-1	2018-07-25	Wet Chemistry	WELL 01B	Water Quality Monitoring
	CH 1876414-1	2018-07-25	General Mineral	WELL 01B	Water Quality Monitoring
	CH 1975882-1	2019-07-17	Radio Chemistry	WELL 01B	Radio - Gross Alpha Monitoring
WELL02	CH 1876414-2	2018-07-25	Wet Chemistry	WELL 02	Water Quality Monitoring
	CH 1876414-2	2018-07-25	Metals, Total	WELL 02	Water Quality Monitoring
	CH 1876414-2	2018-07-25	General Mineral	WELL 02	Water Quality Monitoring
	CH 1975882-2	2019-07-17	Radio Chemistry	WELL 02	Radio - Gross Alpha Monitoring
WELL03	CH 1876414-3	2018-07-25	General Mineral	WELL 03	Water Quality Monitoring
	CH 1876414-3	2018-07-25	Metals, Total	WELL 03	Water Quality Monitoring
	CH 1876414-3	2018-07-25	Wet Chemistry	WELL 03	Water Quality Monitoring
	CH 1975882-3	2019-07-17	Radio Chemistry	WELL 03	Radio - Gross Alpha Monitoring
Well 05	CH 2070256-1	2020-01-08	Radio Chemistry	WELL 05	Well 5 Water Quality
	CH 2074811-1	2020-07-01	Wet Chemistry	WELL 05	Well 5 Water Quality
	CH 2378602-1	2023-10-04	General Mineral	WELL 05	Well 5 Water Quality
	CH 2378602-1	2023-10-04	Metals, Total	WELL 05	Well 5 Water Quality