

APPENDIX B: eCCR Certification Form (Suggested Format)

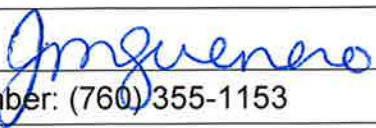
Consumer Confidence Report Certification Form

(To be submitted with a copy of the CCR)

Water System Name:	City of Imperial
Water System Number:	CA1310006

The water system named above hereby certifies that its Consumer Confidence Report was distributed on June 27 and June 30, 2025 (and future date of July 1, 2025) (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: Jenell Guerrero	Title: Public Services Manager
Signature: 	Date: June 30, 2025
Phone number: (760) 355-1153	blank

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:

- ☐ 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).
- ☒ "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.
https://cityofimperial.org/sites/default/files/2024_CCR.pdf](https://cityofimperial.org/sites/default/files/2024_CCR.pdf)
- ☐ 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) [420 S. Imperial, Ave, Imperial, CA 92251 \(posted notice to outside bulletin board\)](#)
- ☐ 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)
 - [Instagram \(@cityofimperial\)](#)
 - [Facebook \(City of Imperial\)](#)
- ☐ 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

Consumer Confidence Report Electronic Delivery Certification

Water systems utilizing electronic distribution methods for CCR delivery must complete this page by checking all items that apply and fill-in where appropriate.

- ☒ Water system mailed a notification that the CCR is available and provides a direct URL to the CCR on a publicly available website where it can be viewed (attach a copy of the mailed CCR notification). URL: www.https://cityofimperial.org/sites/default/files/2024_CCR.pdf
- ☒ Water system emailed a notification that the CCR is available and provides a direct URL to the CCR on a publicly available site on the Internet where it can be viewed (attach a copy of the emailed CCR notification). URL: www.https://cityofimperial.org/sites/default/files/2024_CCR.pdf
- ☐ Water system emailed the CCR as an electronic file email attachment.
- ☐ Water system emailed the CCR text and tables inserted or embedded into the body of an email, not as an attachment (attach a copy of the emailed CCR).
- ☐ *Requires prior DDW review and approval.* Water system utilized other electronic delivery method that meets the direct delivery requirement.

Provide a brief description of the water system's electronic delivery procedures and include how the water system ensures delivery to customers unable to receive electronic delivery.

The City of Imperial will be issuing a notice with the customer's utility bills (August 1 st) informing the 2024 CCR is available online. A direct link to the report will be provided along with contact information should customers seek a hardcopy version of the report.
Additionally, the city posted notice on our Instagram and Facebook platforms informing the CCR is now available online. Link was provided for ability to access the report.
Customers that receive electronic utility bills were emailed/notified that the 2024 CCR Report is available. They were provided a flyer and direct link to the report.
2024 CCR posted to City of Imperial website at https://cityofimperial.org/sites/default/files/2024_CCR.pdf
Action taken, aside from electronic notice, was the posting of an information bulletin outside of City Hall informing 2024 CCR is available online and hardcopy within City Hall.

This form is provided as a convenience and may be used to meet the certification requirement of section 64483(c) of the California Code of Regulations.



NOTICE

2024 CONSUMER CONFIDENCE REPORT
NOW AVAILABLE ONLINE

THIS REPORT CONTAINS IMPORTANT
INFORMATION ABOUT YOUR DRINKING WATER.
PLEASE CONTACT CITY OF IMPERIAL PUBLIC
SERVICES AT (760) 355-4371 FOR ASSISTANCE.

Este informe contiene información importante sobre su
agua potable. Favor de comunicarse con los Servicios
Públicos de la Ciudad de Imperial al (760) 355-2155
si tiene preguntas.

Each year the City of Imperial provides its customers with
a Consumer Confidence Report, or CCR, which is Annual
Water Quality. The purpose of the CCR is to raise
customer's awareness of the quality of their drinking
water, where their drinking water comes from, what it
takes to deliver water to their homes, and the importance
of protecting drinking water sources. In an effort to be
more environmentally and fiscally responsible we have
made the report available on the internet. Visit us online to
view your 2024 water quality report at:

https://cityofimperial.org/sites/default/files/2024_CCR.pdf

If you desire to have a paper copy, you can print one
directly from our website. You can also receive a printed
version by visiting Imperial City Hall at
420 S. Imperial Ave, Imperial, CA 92251.

ANNUAL WATER QUALITY REPORT

Reporting Year 2024



Presented By



Este informe contiene información muy importante sobre su agua
potable. Tráteselo o hable con alguien que lo entienda bien.

PWS ID#: 1310006

ANNUAL WATER QUALITY REPORT

Reporting Year 2024



Presented By





Our Commitment

We are pleased to present to you this year's annual water quality report. This report is a snapshot of last year's water quality covering all testing performed between January 1 and December 31, 2024. Included are details about your source of water and what it contains. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water and providing you with this information because informed customers are our best allies.

Where Does My Water Come From?

The City of Imperial receives its water supply from the Colorado River via the All-American Canal and the facilities of the Imperial Irrigation District. Our treatment process for the surface water consists of sedimentation, coagulation, flocculation, filtration, and disinfection. The city currently provides an average of 2.6 million gallons per day and an average of 961 million gallons of water annually to its citizens. At the present time, the City of Imperial meets all applicable SWRCB Division of Drinking Water and U.S. EPA domestic water quality standards.

Source Water Assessment

A Source Water Assessment Plan (SWAP) is now available at our office. If you would like to review the SWAP, please feel free to contact our Water Plant Chief Operator at (760) 355-4371.

City Council Meeting

You are invited to participate in our city council meetings. We meet the first and third Wednesday of each month at 7:00 p.m. at the Imperial Council Chambers, 200 West Ninth Street.



Important Health Information

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised 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. Environmental Protection Agency (U.S. EPA)/Centers for Disease Control and Prevention (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 (800-426-4791) or epa.gov/safewater.



Water Treatment Process

The treatment process consists of a series of steps. First, raw water is drawn from our water source and sent to several ponds, which provide holding capacity for the water treatment plant. The water is then pumped to a settling basin that has flocculator mixers, where a polymer and a coagulant are added. The addition of these substances causes small particles called floc to adhere to one another, making them heavy enough to settle into a basin from which sediment is removed. At this point, the water is filtered through layers of fine coal and silicate sand. As smaller suspended particles are removed, turbidity disappears, and clear water emerges. Chlorine is added after filtration to disinfect the water to prevent the development of bacteria. We carefully monitor the amount of chlorine, adding the lowest quantity necessary to protect the safety of your water without compromising taste.

Next, a portion of the water is pumped into four granular activated carbon columns to reduce total organic carbon, which is one of the precursors of total trihalomethane formation in the water. Finally, the combined water is sent to a two-million-gallon finished water tank. From there the water is pumped into the distribution system and to your home or business.

Testing for *Cryptosporidium*

Monitoring of our source water indicates that *Cryptosporidium* is below the laboratory detection limit. *Cryptosporidium* is a microbial pathogen found in surface water throughout the U.S. Although filtration removes *Cryptosporidium*, the most commonly used filtration methods cannot guarantee 100 percent removal. Current test methods do not allow us to determine if the organisms are dead or if they are capable of causing disease. Ingestion of *Cryptosporidium* may cause cryptosporidiosis, an abdominal infection. Symptoms of infection include nausea, diarrhea, and abdominal cramps. Most healthy individuals can overcome the disease within a few weeks; however, immunocompromised people, infants and small children, and the elderly are at greater risk of developing life-threatening illness. We encourage immunocompromised individuals to consult their doctor regarding appropriate precautions to take to avoid infection. *Cryptosporidium* must be ingested to cause disease, and it may be spread through means other than drinking water.

QUESTIONS? For more information about this report or any questions relating to your drinking water, or to voice your concerns about your drinking water, please contact our Water Plant Chief Operator at (760) 355-4371.

Substances That Could Be in Water

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 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 the result of oil and gas production and mining activities.

To ensure that tap water is safe to drink, the U.S. EPA and the State Water Resources Control Board (SWRCB) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. 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.

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 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).

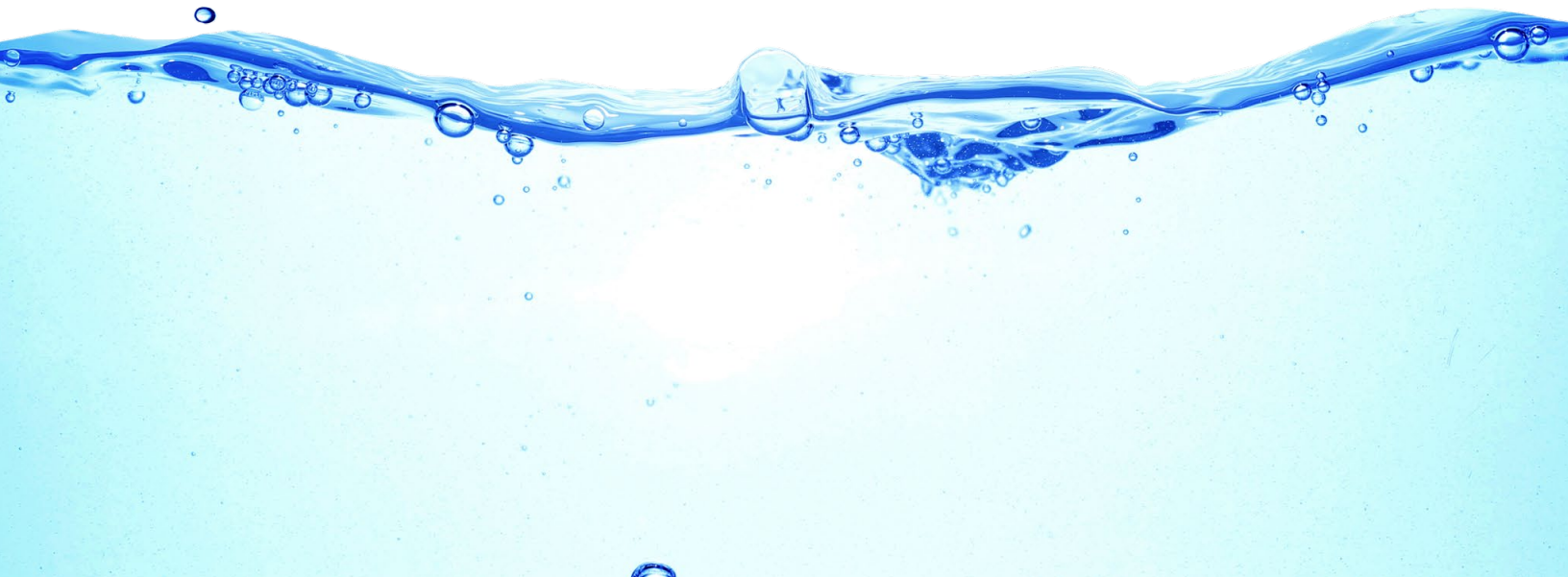
Lead in Home Plumbing

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 parts used in service lines and in home plumbing. The City of Imperial is responsible for providing high-quality drinking water, but we cannot control the variety of materials used in the plumbing components in your home. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for several minutes before using water for drinking or cooking. Additionally, using a filter certified by an American National Standards Institute-accredited certifier to reduce lead is effective in reducing lead exposures. If you are concerned about lead, 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 at (800) 426-4791 or epa.gov/safewater/lead.

To address lead in drinking water, public water systems were required to develop and maintain an inventory of service line materials by October 16, 2024. Developing an inventory and identifying the location of lead service lines (LSL) is the first step for beginning LSL replacement and protecting public health. Please contact our Water Plant Chief Operator at (760) 355-4371 if you would like more information about the LSL inventory.

Think Before You Flush!

Flushing unused or expired medicines can be harmful to your drinking water. Properly disposing of unused or expired medication helps protect you and the environment. Keep medications out of our waterways by disposing of them responsibly.



Benefits of Chlorination

Disinfection, a chemical process used to control disease-causing microorganisms by killing or inactivating them, is unquestionably the most important step in drinking water treatment. By far, the most common method of disinfection in North America is chlorination.

Before communities began routinely treating drinking water with chlorine (starting with Chicago and Jersey City in 1908), cholera, typhoid fever, dysentery, and hepatitis A killed thousands of U.S. residents annually. Drinking water chlorination and filtration have helped to virtually eliminate these diseases in the U.S. Significant strides in public health are directly linked to the adoption of drinking water chlorination. In fact, the filtration of drinking water and the use of chlorine are probably the most significant public health advancements in human history.

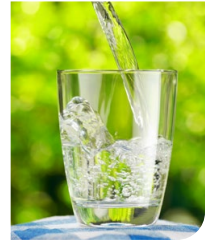
How chlorination works:

- **Potent Germicide:** Reduction of many disease-causing microorganisms in drinking water to almost immeasurable levels.
- **Taste and Odor:** Reduction of many disagreeable tastes and odors from foul-smelling algae secretions, sulfides, and decaying vegetation.
- **Biological Growth:** Elimination of slime bacteria, molds, and algae that commonly grow in water supply reservoirs, on the walls of water mains, and in storage tanks.
- **Chemical:** Removal of hydrogen sulfide (which has a rotten egg odor), ammonia, and other nitrogenous compounds that have unpleasant tastes and hinder disinfection. It also helps to remove iron and manganese from raw water.

FOG (Fats, Oils, and Grease)

You may not be aware of it, but every time you pour fat, oil, or grease (FOG) down your sink (e.g., bacon grease), you are contributing to a costly problem in the sewer collection system. FOG coats the inner walls of the plumbing in your house as well as the walls of underground piping throughout the community. Over time, these greasy materials build up and form blockages in pipes, which can lead to wastewater backing up into parks, yards, streets, and storm drains. These backups allow FOG to contaminate local waters, including drinking water. Exposure to untreated wastewater is a public health hazard. FOG discharged into septic systems and drain fields can also cause malfunctions, resulting in more frequent tank pump-outs and other expenses.

Communities spend billions of dollars every year to unplug or replace grease-blocked pipes, repair pump stations, and clean up costly and illegal wastewater spills. Here are some tips that you and your family can follow to help maintain a well-run system now and in the future:



NEVER:

- Pour FOG down the house or storm drains.
- Dispose of food scraps by flushing them.
- Use the toilet as a wastebasket.

ALWAYS:

- Scrape and collect FOG into a waste container such as an empty coffee can, and dispose of it with your garbage.
- Place food scraps in waste containers or garbage bags for disposal with solid wastes.
- Place a wastebasket in each bathroom for solid wastes like disposable diapers, creams and lotions, and personal hygiene products, including nonbiodegradable wipes.

Q&A

Why save water?

Although 80 percent of the Earth's surface is water, only 1 percent is suitable for drinking. The rest is either saltwater or permanently frozen, and we can't drink it, wash with it, or use it to water plants.

Which household activity wastes the most water?

Most people would say the majority of water use comes from showering or washing dishes; however, toilet flushing is by far the largest single use of water in a home (accounting for 40% of total water use). Toilets use about 4 to 6 gallons per flush, so consider an ultra-low-flow (ULF) toilet, which requires only 1.5 gallons.

Should I be concerned about what I'm pouring down my drain?

If your home is served by a sewage system, your drain is an entrance to your wastewater disposal system and eventually to a drinking water source. Consider purchasing environmentally friendly home products whenever possible, and never pour hazardous materials (e.g., car engine oil) down the drain. Check with your health department for more information on proper disposal methods.

How long can I store drinking water?

The disinfectant in drinking water will eventually dissipate, even in a closed container. If that container housed bacteria prior to filling up with the tap water, the bacteria may continue to grow once the disinfectant has dissipated. Some experts believe that water can be stored up to six months before needing to be replaced. Refrigeration will help slow the bacterial growth.

How long does it take a water supplier to produce one glass of treated drinking water?

It can take up to 45 minutes to produce a single glass of drinking water.

Test Results

Our water is monitored for many different kinds of substances on a very strict sampling schedule, and the water we deliver must meet specific health standards. Here, we only show those substances that were detected in our water (a complete list of all our analytical results is available upon request). Remember that detecting a substance does not mean the water is unsafe to drink; our goal is to keep all detects below their respective maximum allowed levels. The values in the Regulated, Secondary, and Unregulated tables are the levels of contaminants detected at the source (Central Main Canal).

The state recommends monitoring for certain substances less than once per year because the concentrations of these substances do not change frequently. In these cases, the most recent sample data is included, along with the year in which the sample was taken.

REGULATED SUBSTANCES							
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	MCL [MRDL]	PHG (MCLG) [MRDLG]	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Barium (ppm)	2024	1	2	0.14	NA	No	Discharges of oil drilling wastes and from metal refineries; erosion of natural deposits
Fluoride (ppm)	2024	2.0	1	0.34	NA	No	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories

LEAD AND COPPER SITE 1-10 RESULTS												
SAMPLE SITE LOCATION	ACTION LEVEL	90TH PERCENTILE	SAMPLE 1	SAMPLE 2	SAMPLE 3	SAMPLE 4	SAMPLE 5	SAMPLE 6	SAMPLE 7	SAMPLE 8	SAMPLE 9	SAMPLE 10
Lead (ppm)	0.015	ND = (<0.005)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Copper (ppm)	1.3	0.033	0.021	0.023	0.023	0.025	0.027	0.027	0.033	0.034	0.034	0.08

2024 TOTAL TRIHALOMETHANES (TTHMS) RESULTS				
MCL IN CCR UNITS		80 PPB		
LOCATION	1ST QTR	2ND QTR	3RD QTR	4TH QTR
Site 1	53	64	63	65
Site 1 LRAA	54	63	60	61
Site 2	40	46	49	44
Site 2 LRAA	40	45	45	44
Site 3	68	75	70	68
Site 3 LRAA	70	73	70	69
Site 4	43	48	53	46
Site 4 LRAA	42	47	48	47

2024 HALOACETIC ACIDS (HAA5) RESULTS			
MCL IN CCR UNITS		60 PPB	
1ST QTR	2ND QTR	3RD QTR	4TH QTR
6.4	3.9	10	5.7
6.2	12	13	8.5
2	4.8	17	2.5
6.1	13	14	9.5

Definitions

MCL (Maximum Contaminant Level): 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 (SMCLs) are set to protect the odor, taste, and appearance of drinking water.

MCLG (Maximum Contaminant Level Goal): 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. EPA.

MRDL (Maximum Residual Disinfectant Level): 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.

MRDLG (Maximum Residual Disinfectant Level Goal): 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.

NA: Not applicable.

NS: No standard.

PDWS (Primary Drinking Water Standard): MCLs and MRDLs for contaminants that affect health, along with their monitoring and reporting requirements and water treatment requirements.

PHG (Public Health Goal): 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 EPA.

ppb (parts per billion): One part substance per billion parts water (or micrograms per liter).

ppm (parts per million): One part substance per million parts water (or milligrams per liter).

µmho/cm (micromhos per centimeter): A unit expressing the amount of electrical conductivity of a solution.



SECONDARY SUBSTANCES							
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED	SMCL	PHG (MCLG)	AMOUNT DETECTED	RANGE LOW-HIGH	VIOLATION	TYPICAL SOURCE
Aluminum (ppb)	2024	200	600	420	NA	No	Erosion of natural deposits; residual from some surface water treatment processes
Iron (ppb)	2024	300	NS	450	NA	No	Leaching from natural deposits; industrial wastes
Manganese (ppb)	2024	50	NS	20	NA	No	Leaching from natural deposits
Specific Conductance (µmho/cm)	2024	1,600	NS	1,200	NA	No	Substances that form ions when in water; seawater influence
Sulfate (ppm)	2024	500	NS	290	NA	No	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (ppm)	2024	1,000	NS	710	NA	No	Runoff/leaching from natural deposits

UNREGULATED SUBSTANCES ¹							
SUBSTANCE (UNIT OF MEASURE)	YEAR SAMPLED		AMOUNT DETECTED		RANGE LOW-HIGH	TYPICAL SOURCE	
Alkalinity, Total (ppm)	2024		140		NA	Leaching from natural deposits	
Bicarbonate (ppm)	2024		170		NA	Leaching from natural deposits	
Boron (ppb)	2024		180		NA	Leaching from natural deposits	
Calcium (ppm)	2024		87		NA	Leaching from natural deposits	
Hardness, Total [as CaCO ₃] (ppm)	2024		330		NA	Leaching from natural deposits	
Magnesium (ppm)	2024		28		NA	Leaching from natural deposits	
pH (units)	2024		7.9		NA	Leaching from natural deposits	
Potassium (ppm)	2024		5.3		NA	Leaching from natural deposits	
Sodium (ppm)	2024		110		NA	Leaching from natural deposits	
Total Anions (ppm)	2024		12.5		NA	Naturally occurring	
Total Cations (ppm)	2024		11.6		NA	Naturally occurring	
Vanadium (ppb)	2024		3.2		NA	Leaching from natural deposits	

¹ Unregulated contaminant monitoring helps the U.S. EPA and SWRCB determine where certain contaminants occur and whether the contaminants need to be regulated.

