

HEBER PUBLIC UTILITY DISTRICT

1078 Dogwood Rd., Suite 103
Heber, CA 92249

Phone: 760-482-2440 HPUD Office
Phone: 760-425-0112 Recreation Center
Fax: 760-353-9951
www.heber.ca.gov

Office Hours

Monday — Friday (closed 12:00pm to 1:00pm)
8:00 am — 4:30 pm

EMERGENCY AFTER-HOURS PHONE
760-353-0457

HEBER PUBLIC UTILITY DISTRICT BOARD OF DIRECTORS

Kaine Garcia, President
Tony Sandoval, Vice-President
Delfino Matus, Director
Helen Diaz-Molina, Director
Pompeyo Tabarez Jr., Director



Heber Public Utility District

2021

Consumer Confidence Report

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 (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.

Locational Running Annual Average (LRAA): This is the average of sample analytical results for samples taken at a particular monitoring location during the previous four calendar quarters.

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

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: State Board permission 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.

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 pictogram per liter (pg/L)

pCi/L: picocuries per liter (a measure of radiation)

Heber Public Utility District
“Providing Excellent Service
At Economical Rates”

Heber Public Utility District is proud to announce that our water meets and exceeds all State and Federal Drinking Water standards!

Este reporte contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien. Favor de comunicarse con Heber Public Utility District a (760) 482-2440 para información en español.

Heber Public Utility District (HPUD) is pleased to send you our annual Water Quality Report, which provides a summary of last year's water quality for our customers. We test the drinking water for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1, 2021 through December 31, 2021 and may include earlier monitoring data.

HPUD vigilantly safeguards its water supplies and we endeavor to provide water that meets all standards.

We strive to provide our customers with accurate information about their water. The Heber Public Utility District Board of Directors meets every third Thursday of the month beginning at 6:00 p.m. at 1078 Dogwood Rd., Suite 104 Heber, CA. The public is welcome to attend.

For more information please contact Laura Fischer, General Manager, at 760-482-2440.





Heber Public Utility District Meets all State and Federal Drinking Water Standards

The Heber Public Utility District wants to thank our customers for adapting to the COVID 19 safety rules we implemented to meet local and state guidelines. Although our offices were closed to the public in 2021, we are happy to welcome our customers back in the office starting May 2022.

The HPUD is very proud to announce that water treatment plant did not have any violations and that we successfully met all State and Federal water quality standards.

This Consumer Confidence Report (CCR) reflects changes in drinking water regulatory requirements during 2021. These revisions add the requirements of the federal Revised Total Coliform Rule, effective since April 1, 2016, to the existing state Total Coliform Rule. The revised rule maintains the purpose to protect public health by ensuring the integrity of the drinking water distribution system and monitoring for the presence of microbials (i.e., total coliform and E. coli bacteria). The U.S. EPA anticipates greater public health protection as the rule re-

quires water systems that are vulnerable to microbial contamination to identify and fix problems. Water systems that exceed a specified frequency of total coliform occurrences are required to conduct an assessment to determine if any sanitary defects exist. If found, these must be corrected by the water system. The state Revised Total Coliform Rule became effective July 1, 2021.

The Heber Public Utility District collected and tested for Coliform according to the State Revised Total Coliform Rule and we had no positive coliform results. We passed all tests.

The Heber Public Utility District Board meets every third Thursday of the month at 6:00pm. We meet at 1078 Dogwood Ave., Suite 104, Heber, CA. We welcome the public to stop by and provide input and comments. **Contact Heber Public Utility District at 760-482-2440 or via email at heber@heber.ca.gov or through our website at:**

www.heber.ca.gov

Your Water Sources

Heber Public Utility District water supply is purchased from the Imperial Irrigation District (IID). The water is from the Colorado River and delivered to our treatment plant through a pipeline connecting to the Central Main and Dogwood Canal. The 2020 Title 22 Source Water Quality Analysis and Joint Monitoring Program was completed by the Imperial Irrigation District on behalf of the Imperial Valley's Joint Watershed Monitoring Program. A copy is available at the HPUD office for your review.

For information regarding specific water quality for your neighborhood or if you have any questions regarding this report, please call or write to the Water Treatment Plant.

Attn: Francisco Rodriguez

Chief Operator

1078 Dogwood Rd., Suite 103

Heber, CA 92249

Telephone: 760-482-2440

Contaminants That May Be Present

In Source 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.

In order to ensure that tap water is safe to drink, the U.S. Environmental

Protection Agency (U.S. EPA) and the State Water Resources Control Board (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.

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 be the result of oil and gas production and mining activities.

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 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).

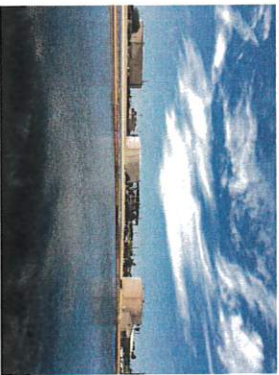
Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants 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).

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. Two Heber schools requested their water be tested for lead. The tests results showed NO lead detected in Heber school's water.

A copy of this document is available in English/Spanish on our Website at www.heber.ca.gov

The Heber Public Utility District 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 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 (1-800-426-4701) or at <http://www.epa.gov/lead>.

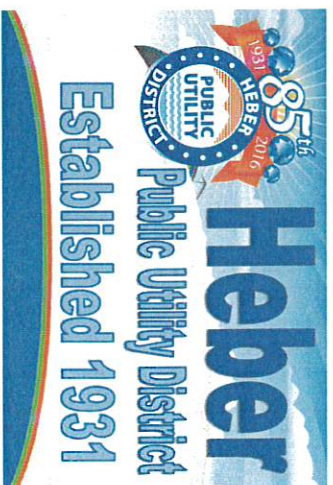


Este reporte contiene información muy importante sobre su agua potable. Tradúzcalo ó hable con alguien que lo entienda bien.

Una copia de este documento está disponible en inglés y en español en nuestra página de internet: www.heber.ca.gov

SUMMARY INFORMATION FOR VIOLATION OF A MCL, MRDL, AL OR VIOLATION OF ANY TT OR MONITORING AND REPORTING REQUIREMENTS IN UNTREATED RAW WATER

Violation	Explanation	Duration	Actions Taken to Correct the Violation
* Aparent Color	Naturally-occurring organic materials	1 test per year	HPUD Water Treatment Plant removes color causing organic materials successfully during treatment process.
* Turbidity	Soil Runoff	1 test per year	HPUD Water Treatment Plant is reducing the turbidity successfully.
* Aluminum	Erosion of natural deposits; residual from some surface water treatment processes.	4 test per year	HPUD Water Treatment Plant removes Aluminum and no Aluminum is found in treated potable water.
* Iron	Leaching from natural deposits; industrial wastes.	4 test per year	HPUD Water Treatment Plant removes Iron and no significant Iron (Fe) is found in treated potable water.



"Providing Outstanding Public Service and Innovative Leadership to Enhance the Heber Community."

Heber Public Utility District Water Conservation Tips

- **Shut off the tap while brushing teeth.** After you wet your brush, turn off the water and rinse briefly, you will need only one half gallon of water. A running tap uses up to 10 gallons. Use the wet and rinse method for washing hands and face, or shaving.
- **Prevent and repair leaks.** Leaky faucets can waste hundreds of gallons of water overnight. Repair the leak with a new washer and prevent leaks by checking all faucet washers at least once per year.
- **Check your toilet for leaks** by placing a few drops of food coloring in the tank. If it shows up in the bowl, replace the flapper.
- **Adjust the sprinklers** so only the grass is watered, not the sidewalk or street.
- **Teach your kids about water conservation to ensure a future generation that uses water wisely.**

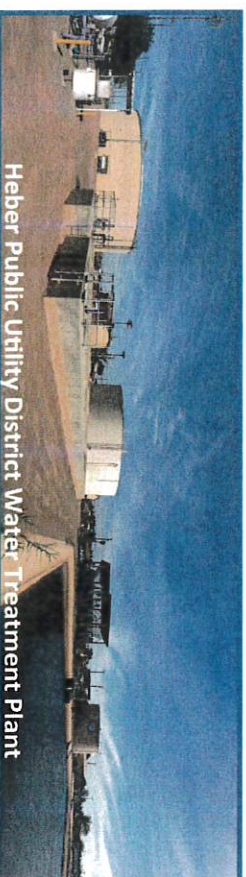
Visit www.epa.gov/watersense for more information.

Table 6 - DETECTION OF UNREGULATED CONTAMINANTS SECONDARY UNTREATED WATER

Chemical or Constituent	Level Detected	Units	Notification Level
	10/28/2021		
Total Alkalinity	160	mg/L	NA
Bicarbonate (HCO3)	200	mg/L	NA
pH	8.2	pH Units	NA
Boron (B)	160	ug/L	1000 ug/L
Calcium (Ca)	82	mg/L	NA
Magnesium (Mg)	29	mg/L	NA
Potassium (K)	4.9	mg/L	NA
Vanadium (V)	3	ug/L	NA

Table 7 - SAMPLING RESULTS SHOWING TREATMENT OF SURFACE WATER SOURCES

Treatment Technique - Conventional Filtration	
Turbidity Performance Standards (b)	Turbidity of the filtered water must: must be met through the water treatment process. (b) Turbidity (measured in NTU) is a measurement of the cloudiness of water and is a good indicator of water quality and filtration performance.
Lowest monthly % of samples that met Turbidity Performance Standard No. 1	1- Be less than or equal to .25 NTU in 95% of measurements in a month. 2 - Not exceed 1.0 NTU for more than eight consecutive hours. 3- Not Exceed 1.5 NTU at any time.
Highest Single turbidity measurement during the year.	0.3
Number of violations of any surface water treatment requirements.	0



Heber Public Utility District Water Treatment Plant

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. Table 7 shows the treatment Technique. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The State 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	Highest No. of Detections	No. of Months in Violation	MCL	PHG (MCLG)	TYPICAL SOURCE
Coliform	0	NONE	More than 1 sample in a month with a detection	0	Naturally present in the environment.

Table 2 - SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER IN DISTRIBUTION SYSTEM

Chemical or Constituent	Sample Date	# of Samples Collected	90th Percentile Level Detected	No. Sites Exceeding AL	AL	PHG	TYPICAL SOURCE
Lead (ppb)	7/16/2019 & 7/17/2019	20	Not Detected	0	15	0.2	Internal corrosion of household plumbing systems; discharges from industrial manufacturers; erosion of natural deposits.
Copper (ppm)	7/16/2019 & 7/17/2019	20	0.18	0	1.3	0.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives.

Table 3 - SAMPLING RESULTS SHOWING SODIUM AND HARDNESS IN UNTREATED WATER

Chemical or Constituent	Sample Date	Level Detected	MCL	PHG (MCLG)	TYPICAL SOURCE
Sodium (mg/L)	10/28/2021	120	NONE	NONE	Salt present in the water and is generally naturally occurring.
Hardness (mg/L)	10/28/2021	320	NONE	NONE	Sum of Polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring.

Heber Public Utility District

"To Provide the Highest Quality Utility and Park Services with a Focus on Customer Service and Community."

Table 4 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARDS

Chemical or Constituent (reporting unit)	Sample Dates or Quarterly	Highest 2020 LRAA or 4 quarter Average	Range Detected	TYPICAL SOURCE OF CONTAMINANT
Trihalomethanes TTHM (ppb)	Quarterly	54	34.9 - 69.3	By products when chlorine and organics come in contact.
Haloacetic Acids HAA5 (ppb)	Quarterly	41	26.2 - 50.4	Various natural and manmade sources
Chemical or Constituent (Reporting Units)	Sample Date	Level Detected	MCL	TYPICAL SOURCE OF CONTAMINANT
Arsenic (As) (ug/L)	10/28/2021	2.4	10	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes.
Barium (Ba) (ug/L)	10/28/2021	110	1000	Discharge of oil drilling wastes and from metal refineries; erosion of natural deposits.
Fluoride (F) (mg/L)	10/28/2021	0.41	2	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories.

Table 5 - DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD - NOT FOUND IN TREATED WATER

Chemical or Constituent (Reporting Units)	Sample Date	Average Level Detected	Range of Detections	MCL	PHG (MCLG)	TYPICAL SOURCE
* Aluminum (Al) (ppb)	4 samples in 2021	728	100 - 1200	200	N/A	Erosion of Natural deposits; residue from some surface water treatment processes.
* Iron (Fe) (ppb)	4 samples in 2021	708	110 - 1100	300	N/A	Leaching from natural deposits; industrial waste.
Chemical or Constituent (Reporting Units)	Sample Date	Level Detected	MCL	TYPICAL SOURCE		
* Apparent Color (color units)	10/28/2021	20	15	Naturally occurring organic materials		
Odor Threshold (TON)	10/28/2021	1	3	Naturally occurring organic materials		
* Turbidity (NTU)	10/28/2021	12	5	Soil Runoff		
Chloride (Cl) (mg/L)	10/28/2021	120	500	Runoff/leaching from natural deposits; seawater influence.		
Specific Conductance (e.C.) (umhos/cm)	10/28/2021	1200	1600	Substances that form ions when in water; seawater influence		
Sulfate (SO4) (mg/L)	10/28/2021	280	500	Runoff/leaching from natural deposits; industrial wastes		
Total Filterable Residue/TDS (mg/L)	10/28/2021	760	1000	Runoff/leaching from natural deposits		
Zinc (Zn) (ug/L)	10/28/2021	68	5000	Runoff/leaching from natural deposits; industrial wastes		