

Certification Form

Consumer Confidence Report Certification Form

(To be submitted with a copy of the CCR)

Water System Name:	HAVASU WATER COMPANY
Water System Number:	3610017

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 29, 2021 JUNE 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: Teddye Goodgame	Title: Plant Mgr.
Signature: <i>Teddye Goodgame</i>	Date: June 29, 2021
Phone number: (760)858-4619	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._____
 - 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) POST OFFICE
 - Delivery of multiple copies of CCR to single-billed addresses serving several persons, such as apartments, businesses, and schools

HAVASU WATER COMPANY
P.O. OX 1B690 * HAVASU LAKE, CA 92363
Telephone (760) 858-4619 Fax (760) 858-4615

2020 Consumer Confidence Report

Water System Information

Water System Name: HAVASU WATER COMPANY

Report Date: JUNE 25, 2021

Type of Water Source(s) in Use: SURFACE WATER

Name and General Location of Source(s): HAVASU LAKE – DEEP WATER

Drinking Water Source Assessment Information: A BRIEF SUMMARY AT END OF THIS REPORT

Time and Place of Regularly Scheduled Board Meetings for Public Participation: TIME AND PLACE ON NOTIFICATION

For More Information, Contact: Teddye Goodgame (760) 858-4619

About This Report

We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 to December 31, 2020 and may include earlier monitoring data.

Importance of This Report Statement in Five Non-English Languages (Spanish, Mandarin, Tagalog, Vietnamese, and Hmong)

Language in Spanish: Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse Havasu Water Company a P.O. Box 1690, Havasu Lake CA 92363 para asistirlo en español.

Language in Mandarin: 这份报告含有关于您的饮用水的重要讯息。请用以下地址和电话联系 Havasu Water Company 以获得中文的帮助: P.O. Box 1690, Havasu Lake CA 92363

Language in Tagalog: Ang pag-uulat na ito ay naglalaman ng mahalagang impormasyon tungkol sa inyong inuming tubig. Mangyaring makipag-ugnayan sa Havasu Water Company o tumawag sa P.O. Box 1690, Havasu Lake CA 92363 para matulungan sa wikang Tagalog.

Language in Vietnamese: Báo cáo này chứa thông tin quan trọng về nước uống của bạn. Xin vui lòng liên hệ Havasu Water Company tại P.O. Box 1690, Havasu Lake CA 92363 để được hỗ trợ giúp bằng tiếng Việt.

Language in Hmong: Tsab ntawv no muaj cov ntsiab lus tseem ceeb txog koj cov dej haus. Thov hu rau Havasu Water Company ntawm Havasu Lake CA 92363 rau kev pab hauv lus Askiv.

SWS CCR

Revised February 2021

Terms Used in This Report

Term	Definition
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 <i>E. coli</i> MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
Maximum Contaminant Level (MCL)	The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.
Maximum Contaminant Level Goal (MCLG)	The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency (U.S. EPA).
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.
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.
Regulatory Action Level (AL)	The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.
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.
Variances and Exemptions	Permissions from the State Water Resources Control Board (State Board) to exceed an MCL or not comply with a treatment technique under certain conditions.
ND	Not detectable at testing limit.
Ppm	parts per million or milligrams per liter (mg/L)
Ppb	parts per billion or milligrams per liter (mg/L)
Ppt	parts per trillion or nanograms per liter (ng/L)
Ppq	parts per quadrillion or picogram per liter (pg/L)
pCi/L	picocuries per liter (a measure of radiation)

Sources of Drinking Water and 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.

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 storm water 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 storm water runoff, and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals that are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban storm water 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.

Regulation of Drinking Water and Bottled Water Quality

In order to ensure that tap water is safe to drink, the U.S. EPA and the State Board prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The U.S. Food and Drug Administration regulations and California law also establish limits for contaminants in bottled water that provide the same protection for public health.

About Your Drinking Water Quality

Drinking Water Contaminants Detected

Tables 1, 2, 3, 4, 5, 6, 7, and 8 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The State Board allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old. Any violation of an AL, MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided later in this report.

Table 1. Sampling Results Showing the Detection of Coliform Bacteria

Complete if bacteria are detected.

Microbiological Contaminants	Highest No. of Detections	No. of Months in Violation	MCL	MCLG	Typical Source of Bacteria
Total Coliform Bacteria (State Total Coliform Rule)	(In a month) 0	NONE	1 positive monthly sample ^(a)	0	Naturally present in the environment
Fecal Coliform or <i>E. coli</i> (State Total Coliform Rule)	(In the year) 0	NONE	A routine sample and a repeat sample are total coliform positive, and one of these is also fecal coliform or <i>E. coli</i> positive	None	Human and animal fecal waste
<i>E. coli</i> (Federal Revised Total Coliform Rule)	(In the year) 0	NONE	(b)	0	Human and animal fecal waste

(a) Two or more positive monthly samples is a violation of the MCL

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

Table 2. Sampling Results Showing the Detection of Lead and Copper

Complete if lead or copper is detected in the last sample set.

Lead and Copper	Sample Date	No. of Samples Collected	90 th Percentile Level Detected	No. Sites Exceeding AL	AL	PHG	No. of Schools Requesting Lead Sampling	Typical Source of Contaminant
Lead (ppb)	8/27/2020	5	0	0	15	0.2	Not Applicable.	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	8/27/2020	5	0	0	1.3	0.3	Not Applicable.	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

Table 3. Sampling Results for Sodium and Hardness

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant
Sodium (mg/L)	3/06/2020	86	[Enter Range]	None	None	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	3/06/2020	280		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	Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
Arsenic ug/L	03/06/2020	2.2		10	0.004	Erosion of natural deposits; runoff from orchards; glass and electronics production waste.
Barium ug /L	03/06/2020	130		1000	2	Discharge of oil drilling wastes and from metal refineries; erosion of natural deposits.
Fluoride mg/L	03/06/2020	0.33		2	1	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

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	SMCL	PHG (MCLG)	Typical Source of Contaminant
Chloride mg/L	03/06/2020	83		500		Runoff/leaching from natural deposits; seawater influence.
Sulfate mg/L	03/06/2020	220		500		Runoff/leaching from natural deposits; industrial wastes.

Table 6. Detection of Unregulated Contaminants

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Health Effects Language
Boron mg/L	03/06/2020	0.15		1	Boron exposures resulted in decreased fetal weight (developmental effects) in newborn rates.

Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the U.S. EPA's Safe Drinking Water Hotline (1-800-426-4791).

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. U.S. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Lead-Specific Language: If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Havaşu Water Company is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. [Optional: If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants.] If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at <http://www.epa.gov/lead>.

TABLE 7. RESULTS DISINFECTION BYPRODUCTS 2020

Chemical or Constituent (and reporting units)	Sample Date	Running annual average	Range of Detections	MCL {MRDL}	PHG {MCLG}	Violation Yes or No	Typical Source of Contaminant
Chlorine ppm	Monthly by SBC Lab	1.07	0.52 - 1.48	{MRDL} 4.0	{MRDLG}	NO	Drinking water disinfectant added for treatment.
TTHMs ppb Site 1 Site 2	Once every quarter	59 53	49-81 41- 47	MCL 80	N/A	NO	By-product of drinking water chlorination.
HAA5 ppb Site 1 Site 2	Once every quarter	29 29	25-36 25-33	MCL 60	N/A	NO	By-product of drinking water chlorination.

*One bad TTHM test per year does not put HWC in violation since it is based off of running average. HWC does remain out of compliance due to its 2015 exceedance.. HWC is working on a solution to decrease TTHM's permanent.

For Systems Providing Surface Water as a Source of Drinking Water

Table 8. Sampling Results Showing Treatment of Surface Water Sources

Treatment Technique ^(a) (Type of approved filtration technology used)	DIRECT FILTRATION
Turbidity Performance Standards ^(b) (that must be met through the water treatment process)	Turbidity of the filtered water must: 1 – Be less than or equal to 0.2 NTU in 95% of measurements in a month. 2 – Not exceed 1.0 NTU for more than eight consecutive hours. 3 – Not exceed 5.0 NTU at any time.
Lowest monthly percentage of samples that met Turbidity Performance Standard No. 1.	100 %
Highest single turbidity measurement during the year	0.19
Number of violations of any surface water treatment requirements	None

SUMMARY OF DRINKING WATER SOURCE ASSESSMENT: A source water assessment was conducted for Lake Havasu – Raw of the Havasu Water Company in May 2002 and revised in June 2019 summarized in the table below.

Most Vulnerable Activities (PCA)	Chemical Detected	Most Vulnerable Activities (PCA)	Chemical Detected
Airports – Maintenance/fueling	None	Mining operations – Active	None
Automobile - Gas stations	None	Mining operations –Historic	None
Historic gas station	None	Septic systems – high density	None
Historic waste dumps/landfills	None	Underground storage tanks	None
Landfills/dumps	None	Wastewater treatment plants and disposal	None

A copy of the complete assessment may be viewed at the Havasu Water Company office or at the SWRCB San Bernardino District Office, 464 West 4th St. Suite 437, San Bernardino, CA 92401. You may request a summary of the assessment be sent to you by contacting the SWRCB District Engineer at (909)383-4328.