

**LAKE HAVASU CITY, ARIZONA
SYSTEM NUMBER AZ 04-08-022**

**2025 Annual
Drinking Water Quality Report**

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Lake Havasu City – Water Division
900 London Bridge Rd.
Lake Havasu City, AZ 86404

Este reporte contiene información importante sobre su agua para tomar. Si no entiende inglés, por favor busque a alguien que le traduzca el reporte y le explique la información a usted.

The annual **Consumer Confidence Report** is mandated by the United States Environmental Protection Agency (EPA), as a means of sharing information with residents regarding Lake Havasu City's water quality. This report is designed to give you, the consumer, all pertinent information relative to the production and distribution of safe drinking water for Lake Havasu City.

Our Water Source:

Our groundwater supply draws water from the **Colorado River Aquifer**, with an annual allocation of 28,581 acre-feet or 9.3 billion gallons of water a year. The city's 11 groundwater wells are the source of drinking water and are capable of producing 45 million gallons per day (MGD). Lake Havasu City distributes its water through 538 miles of water distribution lines ranging from 4-inches to 48-inches in diameter serving just over 33,000 residential and commercial water services. Twenty-seven water tanks totaling 22.4 million gallons of water storage serve the city's fourteen pressure zones.

Drinking Water Sources

The sources of drinking water (both tap 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, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Drinking Water Contaminants:

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: Such as agriculture, urban storm water runoff, and residential uses that may come from a variety of sources.

Organic chemical contaminants: Such as synthetic and volatile organic chemicals that are by-products of industrial processes and petroleum production and may come from gas stations, urban storm water runoff, and septic systems.

Radioactive contaminants: That can be naturally occurring or can be the result of oil and gas production and mining activities.

Vulnerable Population

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.

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, persons 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. For more information about contaminants and potential health effects, or to receive a copy of the U.S. Environmental Protection Agency (EPA) and the U.S. Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and microbiological contaminants, call the **EPA Safe Drinking Water Hotline, 1-800-426-4791** or by visiting, www.epa.gov/sdwa.

SOURCE WATER ASSESSMENT (HIGH RISK)

Based on the information currently available on the hydrogeologic settings and the adjacent land uses that are in the specified proximity of the drinking water source(s) of this public water system, the Arizona Department of Environmental Quality (ADEQ) has given a high-risk designation for the degree to which this public water system drinking water sources are protected. A designation of high risk indicates there may be additional source water protection measures, which can be implemented on the local level. This does not imply that the source water is contaminated nor does it mean that contamination is imminent. Rather, it simply states that land use activities or hydrogeological conditions exist that make the source water susceptible to possible future contamination. Further source

water assessment documentation can be obtained by contacting ADEQ.

WATER SAMPLING

Contaminants in your drinking water are routinely monitored according to Federal and State laws. The State of Arizona requires monitoring for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. Some data, though representative, may be more than one-year-old.

WATER TREATMENT PLANT

Lake Havasu City's water treatment plant is designed for a production capability of up to 26 million gallons per day (MGD). Water was produced at an average of 12.4 MGD in 2025 to satisfy the city's potable water needs. The plant is designed primarily to remove manganese from Lake Havasu City's drinking water supply and to reduce arsenic levels to meet the EPA established MCL standard of 10 ppb (ug/L). We are pleased to report that manganese is reduced to a virtual "non-detect" level, with the treatment process removing approximately 31,580 pounds of manganese sludge from the city's water in 2025. The treatment process lowers arsenic levels well under the federal standard.

DEFINITIONS:

Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment, or other requirements

Level 1 Assessment: A study of the water system to identify potential problems and determine (if possible) why total coliform bacteria was present

Level 2 Assessment: 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 was present

Maximum Contaminant Level (MCL): The highest level of a contaminant that is allowed in 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

Maximum Residual Disinfectant Level (MRDL): The level of disinfectant added for water treatment that may not be exceeded at the consumer's tap

Maximum Residual Disinfectant Level Goal (MRDLG): The level of disinfectant added for treatment at which no known or anticipated adverse effect on health of persons would occur

Million fibers per liter (MFL): Measure of Asbestos

Millirems per year (MREM): A measure of radiation absorbed by the body

Minimum Reporting Limit (MRL): The smallest measured concentration of a substance that can be reliably measured by a given analytical method

Nephelometric Turbidity Units (NTU): A measure of water clarity

Not Applicable (NA): Sampling was not completed by regulation or was not required

Not Detected (ND or <): Not detectable at reporting limit

Picocuries per liter (pCi/L): Measure of the radioactivity in water

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 Picograms per liter (pg/L)

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water

LEAD INFORMATION STATEMENT:

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. Lake Havasu City is responsible for providing high quality drinking water and removing lead pipes, but cannot control the variety of materials used in plumbing components in your home. You share the responsibility for protecting yourself and our family from the lead in your home plumbing. You can take responsibility by identifying and removing lead materials within your home plumbing and taking steps to reduce your family's risk. Before drinking tap water, flush your pipes for several minutes by running your tap, taking a shower, doing laundry or a load of dishes. You can also use a filter certified by an American National Standards Institute accredited certifier to reduce lead in drinking water.

To address lead in drinking water, public water systems were required to develop and maintain an inventory of service line materials by Oct 16, 2024. Developing an inventory and identifying the location of lead service lines (LSLs) is the first step for beginning LSL replacement and protecting public health. The lead service inventory may be viewed online at <https://www.lhcaz.gov/utilities>. Please contact us if you would like more information about the inventory or any lead sampling that has been done. If you are concerned about lead in your water and wish to have your water tested, contact Lake Havasu City Water Division; phone: (928) 855-2618, address: 900 London Bridge Rd. Lake Havasu City, AZ 86404. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available at <http://www.epa.gov/safewater/lead>.

ppm x 1000 = ppb
ppb x 1000 = ppt
ppt x 1000 = ppq

Water Quality Data – Regulated Contaminants

Microbiological (RTCR)	TT Violation Y or N	Number of Positive Samples	Positive Sample(s) Month & Year	MCL	MCLG	Likely Source of Contamination	
E. Coli	N	0	N/A	0	0	Human and animal fecal waste	
Fecal Indicator (From GWR source) (coli phage, enterococci and/or E.coli)	N	0	N/A	0	0	Human and animal fecal waste	
Disinfectants	MCL Violation Y or N	Running Annual Average (RAA)	Range of All Samples (Low-High)	MRDL	MRDL G	Sample Month & Year	Likely Source of Contamination
Chlorine (ppm)	N	0.78	0.36-1.16	4.0	4.0	12/2025	Water additive used to control microbes
Disinfection By-Products	MCL Violation Y or N	Running Annual Average (RAA)	Range of All Samples (Low-High)	MCL	MCLG	Sample Month & Year	Likely Source of Contamination
Halo acetic Acids (HAA5) (ppb)	N	8.01	6.0-10.6	60	N/A	11/2025	Byproduct of drinking water disinfection
Total Trihalomethanes (TTHM) (ppb)	N	59.44	52-67	80	N/A	11/2025	Byproduct of drinking water disinfection
Lead & Copper	MCL Violation Y or N	90 th Percentile	Number of Samples Exceeds AL	AL	ALG	Sample Month & Year	Likely Source of Contamination
Copper (ppm)	N	0.19	0	1.3	1.3	09/2023	Corrosion of household plumbing systems; erosion of natural deposits
Lead (ppb)	N	3.1	1	15	0	09/2023	Corrosion of household plumbing systems; erosion of natural deposits

Radionuclides	MCL Violation Y or N	Highest Level Detected	Range of All Samples (Low-High)	MCL	MCLG	Sample Month & Year	Likely Source of Contamination
Uranium (µg/L)	N	13.5	13.5	30	0	01/2020	Erosion of natural deposits
Inorganic Chemicals (IOC)	MCL Violation Y or N	Running Annual Average (RAA)	Range of All Samples (Low-High)	MCL	MCLG	Sample Month & Year	Likely Source of Contamination
Arsenic ¹ (ppb)	N	4.1	3.4 – 4.9	10	0	10/2025	Erosion of natural deposits, runoff from orchards, runoff from glass and electronics production wastes
Barium (ppm)	N	0.040	0.040	2	2	01/2023	Discharge of drilling wastes; discharge from metal refineries; Erosion of natural deposits
Fluoride (ppm)	N	0.78	0.78	4	4	01/2023	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Inorganic Chemicals (IOC) cont.	MCL Violation Y or N	Highest Level Detected	Range of All Samples (Low-High)	MCL	MCLG	Sample Month & Year	Likely Source of Contamination
Nickel (ppm)	N	<0.01	<0.01	NONE	NONE	01/2023	Erosion of natural deposits.
Nitrate ² (ppm)	N	1.6	1.6	10	10	01/2025	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits

<i>Selenium (ppb)</i>	<i>N</i>	<i>2.0</i>	<i>2.0</i>	<i>50</i>	<i>50</i>	<i>01/2023</i>	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines
<i>Sodium (ppm)</i>	<i>N</i>	<i>150</i>	<i>150</i>	<i>NONE</i>	<i>NONE</i>	<i>01/2023</i>	Erosion of natural deposits

All contaminants listed below were tested for and were NOT found in our water. These contaminants are considered Non-Detect or not present:

Synthetic Organic Compounds (Last tested 01/2023): 2,4-D, 2,4,5-TP (a.k.a. Silvex), Acrylamide, Alachlor, Atrazine, Benzo (a) pyrene (PAH), Carbofuran, Chlordane, Dalapon, Di (2-ethylhexyl) adipate, Di (2-ethylhexyl) phthalate, Dibromochloropropane, Dinoseb, Diquat, Dioxin [a.k.a. 2,3,7,8-TCDD], Endothall, Endrin, Epichlorohydrin, Ethylene dibromide, Glyphosate, Heptachlor, Heptachlor epoxide, Hexachlorobenzene, Hexachlorocyclo pentadiene, Lindane, Methoxychlor, Oxamyl (a.k.a. Vydate), PCBs (Polychlorinated biphenyls), Pentachlorophenol, Picloram, Simazine, Toxaphene

Volatile Organic Compounds (Last tested 01/2025): Benzene, Carbon tetrachloride, Chlorobenzene, o-Dichlorobenzene, p-Dichlorobenzene, 1,2-Dichloroethane, 1,1-Dichloroethylene, cis-1,2 Dichloroethylene, trans-1,2-Dichloroethylene, Dichloromethane, 1,2-Dichloropropane, Ethylbenzene, Styrene, Tetrachloroethylene, 1,2,4-Trichlorobenzene, 1,1,1-Trichloroethane, 1,1,2-Trichloroethane, Trichloroethylene, Toluene, Vinyl Chloride, Xylenes

Inorganic Chemicals (Last tested 01/2023): Antimony, Asbestos, Beryllium, Cadmium, Chromium, Cyanide, Mercury, Nitrite (last tested 01/2023), Selenium, Thallium

Water Quality Table – Unregulated Contaminants

Your drinking water was sampled between March 2025 and December 2025 for the presence and concentration of 29 different per- and polyfluoroalkyl substances, some known by the acronyms PFAS, PFOA, PFNA, PFHxS, PFBS, and GenX, a group of contaminants in the final stages of becoming regulated by the EPA. PFAS are man-made chemicals that are resistant to heat, water, and oil. They have been used since the 1940s to manufacture various consumer products, including fire-fighting foam and stain resistant, water-resistant, and nonstick items. Many PFAS do not break down easily and can build up in people, animals, and the environment over time. Scientific studies have shown that exposure to certain PFAS can be harmful to people and animals, depending on the level and duration of exposure. To learn more about this group of chemicals, we encourage you to visit the ADEQ website at <https://www.azdeq.gov/pfas-resources> You may also read the ADEQ-provided “PFAS 101 Fact Sheet” or view ADEQ’s Introduction to PFAS video on YouTube at <https://www.youtube.com/watch?v=t44kSh0uKXE>

<i>Twenty-nine Per- and Polyfluoroalkyl Substances (ppt)</i>	<i>Detected (Y/N)</i>	<i>Average of Results (ppt)</i>	<i>Range of All Samples (Low-High)</i>	<i>Minimum Reporting Level (ppt)</i>	<i>Analytical Methods</i>
<i>11-chloroeicosfluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)</i>	N	N/A	N/A	5	EPA 553
<i>1H, 1H, 2H, 2H-perfluorodecane sulfonic acid (8:2 FTS)</i>	N	N/A	N/A	5	EPA 553
<i>1H, 1H, 2H, 2H-perfluorohexane sulfonic acid (4:2 FTS)</i>	N	N/A	N/A	3	EPA 553
<i>1H, 1H, 2H, 2H-perfluorooctane sulfonic acid (6:2 FTS)</i>	N	N/A	N/A	5	EPA 553
<i>4,8-dioxa-3H-perfluorononanoic acid (ADONA)</i>	N	N/A	N/A	3	EPA 553
<i>9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)</i>	N	N/A	N/A	2	EPA 553
<i>hexafluoropropylene oxide dimer acid (HFPO-DA) (GenX)</i>	N	N/A	N/A	5	EPA 553
<i>nonafluoro-3,6-dioxaheptanoic acid (NFDHA)</i>	N	N/A	N/A	20	EPA 553
<i>perfluoro (2-ethoxyethane) sulfonic acid (PFEEESA)</i>	N	N/A	N/A	3	EPA 553
<i>Perfluoro-3-methoxypropanoic acid (PFMPA)</i>	N	N/A	N/A	3	EPA 553
<i>Perfluoro-4-methoxybutanoic acid (PFMBA)</i>	N	N/A	N/A	4	EPA 553
<i>Perfluorobutanesulfonic acid (PFBS)</i>	Y	2.5	2 - 3	3	EPA 553
<i>Perfluorobutanoic acid (PFBA)</i>	N	N/A	N/A	5	EPA 553
<i>Perfluorodecanoic acid (PFDA)</i>	N	N/A	N/A	3	EPA 553
<i>Perfluorododecanoic acid (PFDoA)</i>	N	N/A	N/A	3	EPA 553
<i>Perfluoroheptanesulfonic acid (PFHpS)</i>	N	N/A	N/A	3	EPA 553
<i>Perfluoroheptanoic acid (PFHpA)</i>	N	N/A	N/A	3	EPA 553
<i>Perfluorohexanesulfonic acid (PFHxS)</i>	N	N/A	N/A	3	EPA 553
<i>Perfluorohexanoic acid (PFHxA)</i>	N	N/A	N/A	3	EPA 553
<i>Perfluorononanoic acid (PFNA)</i>	N	N/A	N/A	4	EPA 553

<i>Perfluorooctanesulfonic acid (PFOS)</i>	Y	2.4	2.2 – 2.6	4	EPA 553
<i>Perfluorooctanoic acid (PFOA)</i>	N	N/A	N/A	4	EPA 553
<i>Perfluoropentanesulfonic acid (PFPeS)</i>	N	N/A	N/A	4	EPA 553
<i>Perfluoropentanoic acid (PFPeA)</i>	N	N/A	N/A	3	EPA 553
<i>Perfluoroundecanoic acid (PFUnA)</i>	N	N/A	N/A	2	EPA 553
<i>n-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)</i>	N	N/A	N/A	5	EPA 537.1
<i>n-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)</i>	N	N/A	N/A	6	EPA 537.1
<i>Perfluorotetradecanoic acid (PFTA)</i>	N	N/A	N/A	8	EPA 537.1
<i>Perfluorotridecanoic acid (PFTTrDA)</i>	N	N/A	N/A	7	EPA 537.1
One Metal	Detected (Y/N)	Average of Results (ppt)	Range of All Samples (Low-High)	Minimum Reporting Level (ppt)	Analytical Methods
<i>Lithium</i>	Y	95.8	91.5 - 100	9	EPA 200.7

Secondary Drinking Water Guidelines

<i>Water Hardness</i>	<i>Units</i>	<i>Average</i>	<i>Range of All Samples (Low-High)</i>	<i>Secondary Guideline*</i>	<i>Description</i>
<i>Total Hardness</i>	<i>Grains Per Gallon</i>	19	18-20	NA	The presence of minerals, such as calcium and magnesium, which occur naturally through contact with source water
<i>Total Dissolved Solids (TDS)</i>	<i>PPM</i>	753	702-787	500	The measurement of all dissolved solids in a water

*Non-Enforceable Guidelines Recommended by EPA

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards.

Assessments for the Revised Total Coliform Rule (RTCR)

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. If coliform is found, then the system is responsible for looking for potential problems in water treatment or distribution. When this occurs, the water system is required to conduct an assessment(s) to identify problems and to correct any problems that were found during these assessments.

ADEQ Violations

Violation Type	Issue Date	Explanation	Corrective Action
Monitoring, Routine (DBP), Major #2026-23462 #2026-23463	02/10/2026	Testing lab failed to upload Q4 2025 Disinfection Byproduct (DBP) results to ADEQ by monitoring deadline	Testing lab submitted DBP report to ADEQ after original due date

Lake Havasu City's drinking water is in compliance with all State and Federal drinking water standards

**LAKE HAVASU CITY, ARIZONA
Annual Drinking Water Quality Report for 2025**

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Lake Havasu City residents concerned about the quality of water in Lake Havasu City, or with questions regarding the information contained in this report, may contact:

Lake Havasu City – Water Division
Joshua Riddle, Water Supervisor
(928) 855-2618

All water consumers may learn more about the City's efforts to provide safe drinking water by attending the regularly scheduled City Council meetings when water issues or projects are included on the agenda. The City Council meets each month on the second and fourth Tuesday, at 6 p.m., at the Lake Havasu City Police Facility, 2360 McCulloch Boulevard. Agendas for these meetings are posted at City Hall, the Post Office, the police facility, and in the local newspaper.

This report may also be reviewed on the City's web site: www.lhcaz.gov

NEXT REPORT ON SAFE DRINKING WATER: JUNE 30, 2027