

2024 Consumer Confidence Report

Water System Name: ALMOND GROVE MOBILE HP - CA0400040 Report Date: August 2025

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, 2024 to December 31, 2024 and may include earlier monitoring data.*

Language in Spanish: Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse ALMOND GROVE MOBILE HOME PARK a (530) 342-6056 para asistirlo en español.

Type of water source(s) in use: Ground water. In limited situations, water may be sourced from California Water Service

Name & general location of source(s): Main Well a.k.a. Pit Well, Almond Grove MHP 567 E Lassen Ave, Chico, CA and California Water Service's 2024 water quality information for Chico is available on line <https://www.calwater.com/water-quality-reports/?dist=ch>, or call 530-893-6300 to request a copy of their Chico District 2024 Consumer Confidence Report.

Drinking Water Source Assessment information: Butte County Public Health Department's Division of Environmental Health conducted a Source Assessment in September 2016. Possible contaminating activities (PCAs) were identified by visual inspections as well as discussions with the onsite manager. The most significant PCAs for the well serving the Almond Grove Mobile Home Park are those activities associated with the gasoline station located north east of the water system, septic systems onsite and in the vicinity, the sewer collection system, high density housing including large apartment complexes as well as water wells located in the area. Though of lesser concern, activities associated with the maintenance of Highway 99 and streets in the area, may also impact this well.

Time and place of regularly scheduled board meetings for public participation: Regularly-scheduled County meetings are held.
The State Water Resources Control Board may offer other opportunities.

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TERMS USED IN THIS REPORT

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.

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 micrograms per liter (µg/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 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 byproducts 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.

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, 8 and A 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

Microbiological Contaminants	Highest Number of Detections	No. of months in violation	MCL	MCLG	Typical Source of Bacteria
E. Coli	(in the year 2024) 0	0	(a)	0	Human and animal fecal waste

(A) 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

Lead and Copper (complete if lead or copper detected in the last sample set)	Sample Date	No. of Samples Collected	90 th Percentile Level Detected	No. Sites Exceeding AL	Range of Results	AL	PHG	Typical Source of Contaminant
Lead (ppb)	Sept 7, 2023	5	0	0	n/a	15	0.2	Corrosion of household plumbing systems; erosion of natural deposits
Copper (ppm)	Sept 7, 2023	5	0	0	n/a	1.3	0.3	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	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant
Sodium (ppm)	(2017)	16	n/a	None	None	Salt present in the water and is generally naturally occurring
Hardness (ppm)	(2017)	214	n/a	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
Chromium (Hexavalent) (ug/L)	(2018) & (March 2025)	6.4 (2018 no MCL) 6.8 (2025 after MCL reinstatement)	n/a	None in 2018. MCL of 10 was reinstated Oct 1, 2024	0.02	Erosion of natural deposits; transformation of naturally occurring trivalent chromium to hexavalent chromium by natural processes and human activities such as discharges from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities.
Gross Alpha Particle Activity (pCi/L)	(2018)	1.92	n/a	15	(0)	Erosion of natural deposits.
Nitrate-Nitrite as N	(2021)	9.7	n/a	10		Runoff and leaching from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits; fertilizer use.
Nitrate (as N) mg/L	(2024)	7.2	2.3 – 9.3	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits; fertilizer use.

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)	(2017)	21	n/a	500	n/a	Runoff/leaching from natural deposits; seawater influence.
Specific Conductance (µS/cm)	(2017)	638	n/a	1,600	n/a	Substances that form ions when in water; seawater influence.
Sulfate	(2017)	12.4	n/a	500	n/a	Runoff/leaching from natural deposits; industrial wastes.
Total Dissolved Solids (TDS) mg/L	(2017)	350	n/a	1,000	n/a	Runoff/leaching from natural deposits.
Turbidity (Units)	(2017)	0.2	n/a	5	n/a	Soil runoff.

TABLE 6 – DETECTION OF UNREGULATED CONTAMINANTS

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Health Effects Language
Hexavalent Chromium (ug/L)	(2018) There was no MCL in 2018	6.4	n/a	0.02 +	Some people who drink water containing Hexavalent Chromium in excess of the MCL over many years may have an increased risk of getting cancer.
Vanadium (µg/L)	(2017)	11	n/a	50	Vanadium exposures resulted in developmental and reproductive effects in rats.

TABLE 7 – VIOLATION OF A MCL, MRDL, AL, TT OR MONITORING REPORTING REQUIREMENT

NONE IN 2024

TABLE 8 – SAMPLING RESULTS SHOWING FECAL INDICATOR-POSITIVE GROUNDWATER SOURCE SAMPLES

NONE DETECTED

ADDITIONAL DETECTIONS					
Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Typical Source of Contaminant
Calcium (mg/L)	(2017)	43	n/a	n/a	n/a
Magnesium (mg/L)	(2017)	26	n/a	n/a	n/a
pH (units) (Laboratory)	(2017)	7.5	n/a	n/a	n/a
Alkalinity (Total) mg/L	(2017)	260	n/a	n/a	n/a
Aggressiveness Index	(2017)	11.9	n/a	n/a	n/a
Langelier Index	(2017)	0.1	n/a	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 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. **ALMOND GROVE MOBILE PARK WATER SYSTEM** 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 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. If you are concerned about lead in your water and wish to have your water tested, contact **ALMOND GROVE MOBILE PARK WATER SYSTEM** for further instructions. 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>.

Nitrate: For systems that detect nitrate above 5 mg/L as nitrogen, but below 10 mg/L as nitrogen: Nitrate in drinking water at levels above 10 mg/L is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 10 mg/L may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask advice from your health care provider.

Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity.

See next page for Source Water Protection Tips for Consumers and Water Conservation Tips for Consumers

Source Water Protection Tips for Consumers

Protection of drinking water is everyone's responsibility. You can help protect your community's drinking water source in several ways:

- Eliminate excess use of lawn and garden fertilizers and pesticides – they contain hazardous chemicals that can reach your drinking water source.
- Pick up after your pets.
- Dispose of chemicals properly; take used motor oil to a recycling center.
- Volunteer in your community. Find a watershed or wellhead protection organization in your community and volunteer to help. If there are no active groups, consider starting one. Use U.S. EPA's Adopt Your Watershed <https://nepis.epa.gov/Exe/ZyPDF.cgi/20004I2M.PDF?Dockey=20004I2M.PDF> or for Tools and Resources to protect watersheds visit <https://www.epa.gov/hwp/tools-and-resources-protect-watersheds>.

Water Conservation Tips for Consumers

Did you know that the average U.S. household uses approximately 400 gallons of water per day or 100 gallons per person per day? Luckily, there are many low-cost and no-cost ways to conserve water. Small changes can make a big difference – try one today and soon it will become second nature.

- Take short showers – a 5 minutes shower uses 4 to 5 gallons of water compared to up to 50 gallons for a bath.
- Shut off water while brushing your teeth, washing your hair, and shaving and save up to 500 gallons a month.
- Use a water-efficient showerhead. They are inexpensive, easy to install, and can save you up to 750 gallons a month.
- Run your clothes washer and dishwasher only when they are full. You can save up to 1,000 gallons a month.
- Water plants only when necessary.
- Fix leaking toilets and faucets. Faucet washers are inexpensive and take only a few minutes to replace. To check your toilet for a leak, place a few drops of food coloring in the tank and wait. If it seeps into the toilet bowl without flushing, you have a leak. Fixing it or replacing it with a new, more efficient model can save up to 1,000 gallons a month.
- Adjust sprinklers so only your lawn is watered. Apply water only as fast as the soil can absorb it and during the cooler parts of the day to reduce evaporation.
- Teach your kids about water conservation to ensure a future generation that uses water wisely. Make it a family effort to reduce next month's water bill!
- Visit <https://www.epa.gov/watersense> for more information.