

**Consumer Confidence Report
Certification Form**
(to be submitted with a copy of the CCR)

(To certify electronic delivery of the CCR, use the certification form on the State Board's website at
http://www.swrcb.ca.gov/drinking_water/certific/drinkingwater/CCR.shtml)

Water System Name: SUNNYSIDE ESTATES

Water System Number: 3900714

The water system named above hereby certifies that its Consumer Confidence Report was distributed on 6/24/22 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.

Certified by: Name: Ben Guzman
 Signature: *Ben Guzman*
 Title: Utility Districts Superintendent
 Phone Number: (209) 468-3090 Date: 06/27/2022

To summarize report delivery used and good-faith efforts taken, please complete the below by checking all items that apply and fill-in where appropriate:

☒ CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used: Postcards announcing the direct digital location of the 2021 CCR sent to County Duplicating on June 24, 2022

☒ "Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods:

- ☒ Posting the CCR on the Internet at **https://www.sjgov.org/docs/ud/sunnyside/ccr**
- ☐ 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)
- ☐ 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)
- ☐ 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 address: www.

☐ For investor-owned utilities: Delivered the CCR to the California Public Utilities Commission

This form is provided as a convenience for use to meet the certification requirement of the California Code of Regulations, section 64483(c).



2021 Consumer Confidence Report for San Joaquin County Water Systems

What is this report?

This report, prepared in cooperation with the State Water Resources Control Board, provides important information about San Joaquin County water systems and water quality. Test results for your water system's 2021 Water Quality Monitoring Program are summarized starting on Page 5 of this report. Before reviewing this water quality information, it is helpful to read the messages from the United States Environmental Protection Agency (USEPA) and from the San Joaquin County Department of Public Works Utilities Maintenance Division.

Where does drinking water come from?

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.

What is drinking water quality?

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 (800-426-4791) or by emailing safewater@epa.gov. You can also visit their website at www.epa.gov/sdwa

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).

How is safe and affordable water delivered?

The San Joaquin County Department of Public Works Utility Maintenance Division is committed to the delivery of safe and affordable drinking water to approximately 6,000 service connections within San Joaquin County. This essential service is critically important to the current and future prosperity of our region. To meet customer needs, the County largely depends on groundwater for its water supply, which is pumped by domestic water wells.

The County operates and maintains the following:

- ✓ 52 domestic water wells with appurtenances
- ✓ 66 miles of water distribution systems
- ✓ 30 independent water systems

HOW TO GET INVOLVED

The San Joaquin County Board of Supervisors meetings are open to the public and scheduled regularly on Tuesdays at 9:00 AM at the County Administration Building located at 44 N. San Joaquin Street, 6th Floor Stockton CA, 95202.

For further information on public participation opportunities in decisions that affect drinking water quality, please contact the Public Works Utilities Maintenance Division at (209) 468-3090.

What are Drinking Water Standards?

The United States Environmental Protection Agency (USEPA) and the State Water Resources Control Board (SWRCB) are charged with the responsibility of setting and implementing safe drinking water standards. Well over one hundred compounds are now regulated. 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.

What about Lead in drinking water?

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. San Joaquin County Utility Maintenance is responsible for providing high quality drinkingwater, 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>.

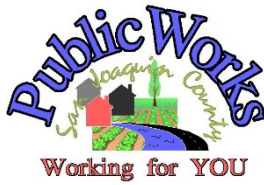
Additional Information

If you have questions about anything contained in this document, want a hard copy of this document mailed to you, or want to report a water leak or sewer stoppage, please call (209) 468-3090.

COUNTY MAINTENANCE WORKERS ALWAYS WEAR TAN SHIRTS WITH THE COUNTY LOGO, DRIVE COUNTY VEHICLES, AND CARRY COUNTY I.D.

TERMS AND DEFINITIONS FOR THE FOLLOWING REPORT

Regulatory Action Level (AL): Concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.
Maximum Contaminant Level (MCL): Highest level of a contaminant 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): 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).
MFL: Million fibers per liter
Maximum Residual Disinfectant Level (MRDL): 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.
Mrem/year: Millirems per year (a measure of radiation absorbed by the body)
N/A: Not applicable
ND : Not detectable at testing limit
NTU: Nephelometric Turbidity Units
pCi/L: Picocuries per liter (a measure of radiation)
Primary Drinking Water Standard (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.
Ppb: Parts per billion, or micrograms per liter (µg/L)
Ppm: Parts per million, or milligrams per liter (mg/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.



2021 WATER CONSERVATION PROGRAM

Public Works Department

Stage One Emergency Conservation Measures Effective 07/11/2017

The following mandatory water conservation measures are in effect:

General Water Conservation Measures

(from San Joaquin County Code of Ordinances 5-3402)

The following are general conservation measures that are in place at all times:

- (a) Irrigation prohibited between 11:00 a.m. to 6:00 p.m.
- (b) Leaks should be repaired within 24 hours or as soon as possible
- (c) A shut-off nozzle shall be used for washing vehicles or boats. Water shall not be used to wash driveways, sidewalks, or other exterior surfaces
- (d) Automated car washes shall recycle at least 20% of the water
- (e) Water in restaurants shall be served to customers only upon request
- (f) Ornamental fountains must recirculate or recycle the water
- (g) Refilling of swimming pools by unmetered customers requires a permit and fee to be paid
- (h) Water shall not be allowed to run off the property or into drainage facilities for more than 10 minutes
- (i) Water from hydrants can only be used with permission of the governing agency
- (j) Water may only be used for dust control for health and safety purposes, except for recycled or other non-potable water

Stage 1 Emergency Water Conservation Measures

(from San Joaquin County Code of Ordinances 5-3411)

The County is currently under a Stage 1 Emergency Water Conservation declaration, the goal for which is reduce water use by at least ten percent. The following are mandatory conservation measures that are in place:

- (a) Irrigation shall be limited to three days per week and based on the following schedule:

If your house number ends in:	Then you may water on:
EVEN number (0, 2, 4, 6, 8)	Wednesday and/or Friday and/or Sunday
ODD number (1, 3, 5, 7, 9)	Tuesday and/or Thursday and/or Saturday
Watering is prohibited between the hours of 11:00 AM and 6:00 PM Watering is not permitted on Monday.	

- (b) Requests for draining and refilling of pools, spas, and ponds must be submitted in writing and approved by the Public Works Department
- (c) Washing of vehicles and boats is only permitted with the use of water buckets. Rinsing with hoses with an automatic shut off valve permitted for a maximum of three minutes
- (d) Recycled water or water from outside a County district use is exempt from Stage 1 measures

To view the complete San Joaquin County Water Conservation Ordinance please visit:

http://www.sjwater.org/Portals/0/Water%20Conservation%20Ordinance%20No_%204450.pdf?ver=w-rnfz8CXOUDncLRWzTfOg%3d%3d

For more information on San Joaquin County's water conservation ordinances and water conservation measures contact the Public Works Department, Utility Maintenance Division at (209) 468-3090 or visit www.sjgov.org.

Water Conservation Tips are also available on our website at www.SJCsavewater.org or by calling (209) 468-3000.

Water System Name: Sunnyside Estates Water System**Report Date:****Type of Water Source(s) in Use: Metered connections to the City of Lodi.****6/2022****Name of Source(s) in Use: City of Lodi****Drinking Water Source Assessment Information: See City of Lodi AWQR.**

The Sunnyside Estates Maintenance District through San Joaquin County Department of Public Works has an agreement with the City of Lodi to provide Sunnyside Estates Water System with potable water as of January 2002. This report includes a copy of the 2020 City of Lodi Annual Water Quality Report which can also be found at www.lodi.gov. The Sunnyside Estates Maintenance District last remaining well was destroyed in calendar year 2006. Service calls and any other questions regarding the Sunnyside Estates Maintenance District should be directed to San Joaquin County Utility Maintenance Districts. The Sunnyside Estates Maintenance District is still under San Joaquin County Water Conservation guidelines.

Table #1: Sampling Results Showing Detection of Coliform Bacteria

MICROBIOLOGICAL CONTAMINANTS	HIGHEST NO. OF DETECTIONS	NO. of MOS. In VIOLATION	MCL	MCLG	TYPICAL SOURCE OF BACTERIA
Tot. Coliform Bacteria	0	0	>1	0	Naturally present in environment.
Fecal Coliform and <i>E. coli</i>	0	0	>1	0	Human and animal fecal waste.

Table #2: Sampling Results Showing Detection of Lead and Copper

LEAD and COPPER	SAMPLE DATE	NO. of SAMPLES	90TH Percentile LEVEL	NO. SITES >AL	AL	MCLG	TYPICAL SOURCE OF CONTAMINANT
Lead (ppb)	2021	5	0	0	15	2	Internal corrosion of household water plumbing systems; discharge from industrial manufacturers; erosion of natural deposits
Copper (ppb)	2021	5	128.5	0	1300	170	Internal corrosion of household water plumbing systems; discharge from industrial manufacturers; erosion of natural deposits; leaching from wood preservatives

Table #4: Detection of Contaminants with a PRIMARY Drinking Water Standard

CHEMICAL OR CONSTITUENT	SAMPLE DATE	LEVEL DETECTED	RANGE OF DETECTIONS	MCL	PHG (MCLG)	TYPICAL SOURCE OF CONTAMINANT
Chlorine as Cl ₂ (ppm)	2021	0.67		4.0	4.0	Drinking water disinfectant added for treatment.

Drinking water is tested for quality for many constituents as required by State and Federal regulations. This report shows the results of our monitoring for the period of Jan. 1 thru Dec. 31, 2021, or for the period as noted.

If you have any questions you may contact the Utility Maintenance Division

Mr. Ben Guzman at San Joaquin County – Utility Maintenance at (209) 468-3090.

City of Lodi

ANNUAL WATER QUALITY REPORT FOR 2021



Special points of interest:

- This Report can also be found on the City's website at www.lodi.gov/528, then select the 2021 Water Quality Report.
- Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien. Para la ayuda en español, llama por favor (209) 333-6706
- This report follows the "Consumer Confidence Report" (CCR) format required by the U.S. Environmental Protection Agency and the State of California.

Lodi City Council meetings are open to the public and are scheduled for the first and third Wednesdays of each month, at Carnegie Forum 305 West Pine Street at 7:00 p.m.

You may also communicate with the Council and City staff through the City's website: www.lodi.gov

Your Drinking Water System

In 2021, the Lodi surface water treatment plant provided about 30 percent of Lodi's drinking water. Twenty-five computer controlled wells, located throughout the City, provided high quality groundwater. The wells operate automatically on water pressure demand so that when water use increases, more wells are started. Additionally, nine wells are equipped with Granular Activated Carbon (GAC) filtration units to ensure high quality water.

More information on water supply is on the City's website.

Eight wells are fitted with emergency diesel-powered generators. (While these generators will help maintain water pressure during power outages, please refrain from using water during power outages to save capacity for essential uses, - such as hospitals, fire fighting, etc.)

How Safe is My Water?

Lodi takes 80 samples per month throughout Lodi's water distribution system for bacterial water quality testing. In 2021, all bacteriological standards were met.

The water receives low level chlorination as a proactive step to help keep the water system in compliance with strict bacteriological standards.

DRINKING WATER ASSESSMENT

An assessment of the drinking water sources for the City of Lodi's distribution system was completed in February 2003 and water

treatment plant in August 2011.

The sources are considered most vulnerable to the following activities: gas stations (current and historic), chemical/petroleum processing/storage, metal plating/finishing/fabricating, plastic/synthetics producers, dry cleaners, known contaminant plumes, sewer collection systems, fleet/truck/bus terminals, machine shops, utility stations-maintenance areas, agricultural drainage, and photo processing/printing.

A copy of the completed assessment is available at the

THE WATER DELIVERED TO YOUR TAP MEETS OR EXCEEDS ALL FEDERAL AND STATE REGULATIONS

Public Works Department, City of Lodi, 2001 W Turner Road, Lodi, CA 95242. You may request that a copy be sent to you by contacting the Water Plant Superintendent at (209) 333-6878. A copy of the complete assessment is also available at the State Water Resource Control Board, Division of Water Resources, Stockton District Office at (209) 948-7696

Who are we?

In 1910 your City of Lodi Water Utility officially began operation along with the Electric Utility, and for more than 100 years, the water system has been owned by the Citizens of Lodi.

One hundred years ago there were only two wells and a few miles of water mains. In 2021 there were twenty-eight wells, over 245 miles of mains, a water tower, two 1-million gallon storage tanks, and a 10 million gallon per day Water Treatment Plant with 3-million gallons of storage.

Water rates, system expansion projects, and significant purchases are authorized by the Lodi City Council, which serves as the water utility's official regulatory body.

Revised Total Coliform Rule

This Consumer Confidence Report (CCR) reflects changes in drinking water regulatory requirements during 2021. All water systems are required to comply with the state Total Coliform Rule. As of April 1, 2016, all water systems are also required to comply with the federal Revised Total Coliform Rule. The new federal 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 new rule requires 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.

Water Quality

Lodi is fortunate to have a high quality groundwater supply. However, that supply is at risk and must be carefully managed. The following section describes some of these measures.

DBCP

Dibromochloropropane (DBCP) was used by area farmers to kill nematodes in vineyards. DBCP was banned in California in 1977, but is still present in trace levels in some groundwater. The City of Lodi used 25 (of 28) wells to provide drinking water in 2021. The wells are rotated so over the course of time, water being delivered is a blend from these wells. In 2021, 14 of Lodi's wells had no detectable DBCP. Nine wells had filters to remove DBCP, and all wells used in 2021 met State and federal standards. The result is that the people of Lodi are being served water below the DBCP level deemed safe by the U.S. EPA and the State of California.

In 1996 the City settled a lawsuit against DBCP manufacturers, who have already paid the City for a large portion of Lodi's costs related to DBCP treatment. These manufacturers will continue to pay a large portion of the City's DBCP related costs for the settlement's 40-year term.

Cryptosporidium

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. Our monitoring indicates the occasional presence of these organisms at a very low level in the Mokelumne River, our source water. 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, immuno-compromised people, infants and small children, and the elderly are at greater risk of developing life threatening illness. We encourage immuno-compromised 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.

PCE/TCE

The City, working with regulatory agencies and potentially responsible parties in a cooperative manner, is pursuing a

IF YOU ARE EXPERIENCING TROUBLE WITH YOUR WATER AND YOU DO NOT THINK IT IS A PROBLEM WITH YOUR ON-SITE PLUMBING, PLEASE CALL THE MUNICIPAL UTILITIES SERVICES AT (209) 333-6740 DURING REGULAR BUSINESS HOURS.

resolution to a groundwater contamination problem in the north and central Lodi area. While no operating wells are out of compliance with any drinking water standards, the contamination is a serious threat.

PCE (Tetrachloroethylene) and TCE (Trichloroethylene) have been detected in samples taken in soils and groundwater. The City's consultants have developed a computer model of the groundwater, which will enable the City to optimize the number, size and location of wells to accomplish the cleanup in an efficient manner. The City's share of these costs has largely been determined and funding secured through insurance company settlements has been set aside to pay for this work. More information on this can be found on the City's website.

Other Contaminants

RADON is a naturally occurring radioactive gas that you can't see, taste, or smell. It is found throughout the U.S. Radon can move up through the ground and into a home through cracks and holes in the foundation. Radon can build up to high levels in all types of homes. Radon can also get into indoor air when released from tap water from showering, washing dishes, and other household activities. Compared to radon entering the home through soil, radon entering the home through tap water will in most cases be a small source of radon in indoor air. Radon is a known human carcinogen. Breathing air-containing radon can lead to lung cancer. Drinking water containing radon may also cause increased risk of stomach cancer. If you are concerned about radon in your home, test the air in your home. Testing is inexpensive and easy. Fix your home if the level of radon in your air is 4 picocuries per liter of air (pCi/L) or

higher. There are simple ways to fix a radon problem that aren't too costly. For additional information, call your State radon program (1-800-745-7236), the EPA Safe Drinking Water Act Hotline (1-800-426-4791), or the National Safe Council Radon Hotline (1-800-SOS-RADON).

ARSENIC: While your drinking water meets the federal and state standard for arsenic, it does contain low levels of arsenic. The arsenic standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. The U.S. Environmental Protection Agency continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

NITRATE: The following message is required for systems that have some sources containing Nitrate below the standard of 10 ppm (as N), but over half (5 ppm) of the standard. The average of Lodi's water is 2.5 ppm and the highest analysis in 2021 was 9.4 ppm.

Nitrate in drinking water at levels above 7.8 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 a 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 certain specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask advice from your health care provider.

What Contaminants May Be in My Water?

THE FOLLOWING MESSAGES ARE REQUIRED BY THE U.S. EPA AND THE STATE OF CALIFORNIA. NOT ALL PORTIONS OF THESE MESSAGES NECESSARILY APPLY TO LODI'S WATER SUPPLY

- 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 USEPA's Safe Drinking Water Hotline at (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. USEPA/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).
- 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 plant, 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.
- In order to ensure that tap water is safe to drink, US Environmental Protection Agency (USEPA) and the State California Department of Health Services (Department) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Department regulations also establish

limits for contaminants in bottled water that must provide the same protection for public health.

• **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. The City of Lodi 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 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 or at www.epa.gov/safewater/lead.**

Water Quality Problems?

As your water provider, we want to ensure you have the best quality water possible. If you think you have a water quality issue, please let us know. Below are some suggestions for checking issues at home.

If you have a filter or in-home treatment system; be sure it's working properly and change filters regularly. (Note, if you use a water softener, we suggest you utilize one which is regenerated by the softener company. Self-regenerating units add salt to the wastewater, which can add significantly to the City's wastewater treatment costs.)

Many times, water quality problems in the home can be traced to the water heater, the plastic water lines under the sink to faucets, or because sewer gases from the drain are being smelled.

Set the water heater at the proper temperature, too hot can create heavier scaling problems, and not warm enough can allow bacteria to grow.

Other times there can be occasional water quality problems associated with the aesthetic quality of your water such as sand, which may be originating from water supply mains.

"Hard" water can be considered a quality issue depending on the actual hardness level and the use. Some industrial processes require very soft water. Lodi's groundwater is at the low end of the "hard" water range and you may see white scale or spots on plumbing fixtures.

Low pressure can lead to water quality problems and can be caused by plugged screens in faucets or washing machine hoses, broken valves or for other reasons. If you have intermittent problems, first check pressure in other parts of your house or at an outside faucet. If that pressure is okay, check the fixture/screens at the problem area.

Are we still in Drought?

Conservation measures resulted in Lodi residents using 10 percent less water in 2021 than in 2013; however, 2022 is expected to be a second consecutive dry year. For that reason, it is possible that 2022 will come with additional restrictions. Water restrictions are subject to change, but as of May 1st 2022, the City's Water Conservation Ordinance specifies the following watering days and times:

Watering Days:

- Premises having odd numbered street addresses on Wednesday, Friday, and Sunday.
- Premises having even numbered street addresses on Tuesday, Thursday, and Saturday.
- No watering will be allowed by any addresses on Monday.

Watering Hours:

- Watering between the hours of 10 a.m. and 6 p.m. is prohibited.

Inorganic Contaminant *2018-2020 Data	MCL	PHG Or (MCLG)	Average	Range	Violation	Major sources in Drinking water
Aluminum, ppm	1	0.6	0.01	0.07-ND	No	Erosion of natural deposits; residue from some surface water treatment processes
Arsenic, ppb	10	0.004	3.6	8.4-ND	No	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes.
Barium, ppm	1	2	0.07	0.22-ND	No	Discharges of oil drilling wastes and from metal refineries; erosion of natural deposits.
Chromium, ppb	50	100	0.65	5.2-ND	No	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits.
Fluoride, ppm	2	1	<0.01	0.1-ND	No	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.
Nickel, ppb	100	12	0.3	2.6-ND	No	Erosion of natural deposits; discharge from metal factories.
Nitrate as N, ppm	10	10	2.5	9.4-ND	No	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits

Bacteriological Contaminant 2021 Data	MCL	PHG Or (MCLG)	Total Positive	Range	Violation	Major sources in Drinking water
Total Coliform, Positive	5%/month	0	0%	N/A	No	Naturally present in the environment
Fecal Coliform & E. coli	>1 /month	0	0%	N/A	No	Human and animal fecal waste

Radiological Contaminant 2019-2021 Data	MCL	PHG Or (MCLG)	Average	Range	Violation	Major sources in Drinking water
Gross Alpha, pCi/L	15	0	9.35	18.9-1.6	No	Erosion of natural deposits
Uranium, pCi/L	20	0.43	5.54	11.7-0.6	No	Erosion of natural deposits
Organic Contaminant 2021 Data	MCL	PHG Or (MCLG)	Average	Range	Violation	Major sources in Drinking water
Tetrachloroethylene (PCE), ppb	5	0.06	<0.1	2.0-ND ²	No	Discharge from factories, dry cleaners, and auto shops (metal degreaser)
Dibromochloro-propane (DBCP), ppt	200	1.7	7	98-ND ²	No	Banned nematocide that may still be present in soils due to runoff/leaching from former use on vineyards.

2: Each site is regulated using a running annual average (RAA)

Secondary Standards Aesthetic Purposes (see note) *2019-2021 Data	Secondary MCL	Average	Range	Secondary Standards Aesthetic Purposes (see note) *2019-2021 Data	Secondary MCL	Average	Range
Chloride, ppm	500	11.8	39-1.8	Odor---Threshold, Units	3	0.3	1.0-0
Color-Units	15	1	5.0-ND	Sulfate, ppm	500	14	37.0-ND
Specific Conductance, umhos/cm	1600	326	800-88	Total Dissolved Solids, ppm	1000	242	460-62
Iron, ppb	300	9.6	160-ND	Turbidity, NTU Units	5	0.28	1.2-0
Copper, ppm	1	0.002	.005-ND	Manganese, ppb	50	1.6	23-0

Note: Secondary Standards are aesthetic and only associated with taste, color, and other problems which are not a health risk.

Lead & Copper Rule Customer Tap Monitoring 2021 Data	MCL	PHG Or (MCLG)	Average	Range	Violation	Major sources in Drinking water
Lead, 90th Percentile, ppb	AL = 15.0	0.2	0.3	39 sites sampled: 0 sites over action level.	No	Internal erosion of household plumbing systems; erosion of natural deposits
Copper, 90th Percentile, ppm	AL = 1.3	0.3	0.1	39 sites sampled: 0 sites over action level.	No	

ANNUAL WATER QUALITY REPORT FOR 2021

Other non-regulated water constituents found in your water (for your information only)

Constituents, *2019-2021 Data	Average	Range	Constituents, *2019-2021 Data	Average	Range
Total Hardness, ppm as CaCO ₃	125	350-17	Alkalinity (bicarbonate), ppm	144	290-27
Total Hardness, grains/gal.	7.3	20.5-1	pH, in pH units	7.6	8.2-7.1
Calcium, ppm	29	87-4.5	Magnesium, ppm	12.9	32-1.4
Sodium, ppm	19	40-4			

* Regulations call for monitoring of some constituents less than once per year because the concentrations of these constituents do not change frequently. Therefore, some of our data, though representative, are more than one year old.

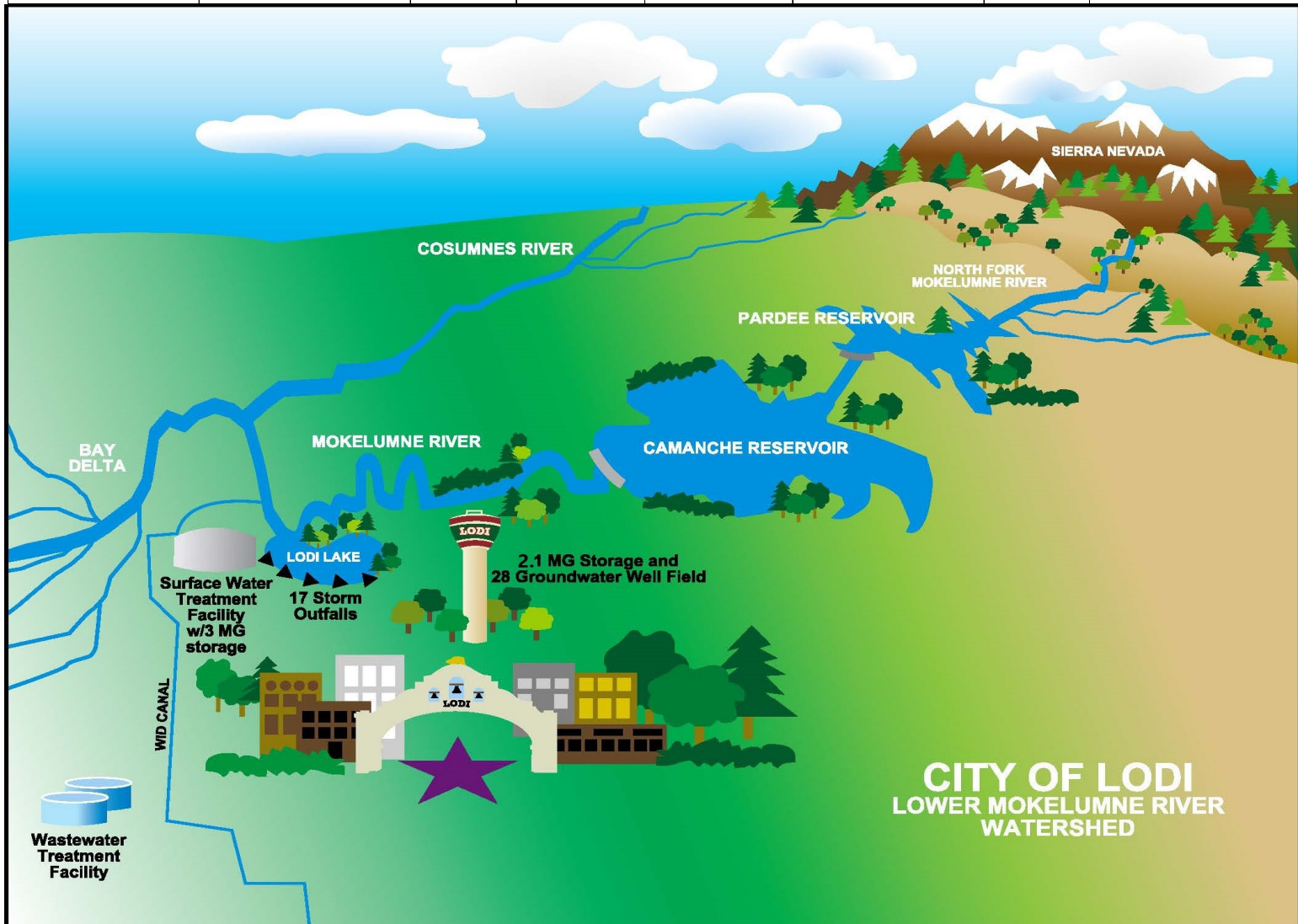
** Averages are used for compliance determination due to the variable nature of individual analyses, and due the fact that any associated theoretical risks are not acute, but theoretically only after years of exposure to levels above MCLs.

Disinfection Byproducts, Disinfection Residuals, and Disinfection Byproduct Precursors

Regulated Contaminant 2021 Data	MCL	PHG Or (MCLG)	Average	Range	Violation	Major sources in Drinking water
Chlorine, ppm	4	4	0.73	1.2-0.2	No	Drinking water disinfectant added for treatment.
Control of DBP precursors (TOC), ppm	TT	N/A	1.7	1.9-1.6	No	Various natural and manmade sources.
TTHM (Total Trihalomethanes), ppb	80	N/A	9.2	57-ND	No	Byproduct of drinking water disinfection.
HAA5 (Haloacetic Acids), ppb	60	N/A	4	20-ND	No	Byproduct of drinking water disinfection.

Sampling Results Showing Treatment of Surface Water Sources

Contaminant	MCL	PHG	Level Found	Range	Sample Date	Violation	Typical Source
Turbidity	TT = 0.5 NTU	N/A	0.02	N/A	2021	No	Soil runoff
	TT = 95% of samples ≤ 0.1 NTU		100%	N/A			



City of Lodi

Surface Water Treatment Facility
P.O. Box 3006
Lodi, CA 95241

**Water Conservation
Rebates are available for
Smart irrigation controllers**

FOR MORE INFORMATION

If you have any questions about this report or Lodi's water quality, please contact:

City of Lodi

Sandy Nord
Laboratory Services Supervisor
Telephone: (209) 333-6749
E-mail: snord@lodi.gov

SEE A WATER EMERGENCY?

Call: (209) 368-5735

Terms and Abbreviations Used

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.

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.

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.

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.

Notification Level (NL): Health-based advisory levels established by DHS for chemicals in drinking water that lack maximum contaminant levels (MCLs).

Detection Limit for the purposes of Reporting (DLR): The threshold for detection of a substance.

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

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.

mg/L or ppm: Milligrams per liter, or parts per million (one ppm equals a concentration of about one cup in a 60,000 gallon swimming pool).

µg/L or ppb: Micrograms per liter, or parts per billion (one ppb equals about 4.5 drops in a 60,000 gallon swimming pool).

ppt: Parts per trillion (one ppt equals less than 1/200 of a drop in a 60,000 gallon swimming pool).

pCi/L: Picocuries per liter (a measurement of radiation).

NA: Not Applicable.

ND: Not Detected at measurable amounts for reporting purposes.

Grains/gal: Grains per gallon. A hardness measurement often used for softeners and dishwashers. (17.1 mg/L = 1 grain/gal as calcium carbonate).

umhos/cm: Micromhos per centimeter (a measurement of conductance).

< Means less than the amount shown.

> Means more than the amount shown.