

Quality First

nce again, we are pleased to present our annual water quality report covering all testing performed between January 1 and December 31, 2021. As part of our ongoing mission to provide clean and refreshing water to all of our customers, the City of Clovis samples the water we supply for over 150 different contaminants. In this report, you will find listings of contaminants which were detected and information about those contaminants. The City's primary concern regarding the water supplied to its customers is quality. To that end, we remain vigilant in meeting the challenges of new regulations, source water protection, water conservation, and community outreach and education while continuing to serve the needs of all our water users. Thank you for allowing us the opportunity to serve you and your family.

Community Participation

The Clovis City Council regularly meets on the first, second, and third Monday of the month at 6:00 p.m. at the Clovis City Council Chamber, located at 1033 Fifth Street. We invite you to attend and participate in these meetings.

Testing for Cryptosporidium

Pyptosporidium 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. The City of Clovis Surface Water Treatment Plant (SWTP) has a micro filtration process that removes 99.99%. Our monitoring indicates the presence of these organisms in the source water for the SWTP. 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, immunocompromised people, infants and small children, and the elderly are at greater risk of developing life-threatening illness. We encourage immunocompromised 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.

Important Health Information

at: http://water.epa.gov/drink/hotline.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised 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 may be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. The U.S. EPA/CDC (Centers for Disease Control and Prevention) guidelines on appropriate means to lessen the risk of infection by *cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline at (800) 426-4791 or online

Lead in Home Plumbing

If present, elevated levels of lead can cause serious health Iproblems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. We are responsible for providing high-quality drinking water, but we 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 two minutes before using water for drinking or cooking. (If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants.) If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at (800) 426-4791 or online at: www.epa.gov/safewater/lead.

Where Does My Water Come From?

We supply water to the City of Clovis and the Tarpey Village unincorporated area of Fresno County. The water supplied comes from the Kings River via the Enterprise Canal and 37 groundwater wells. Of these wells, six have wellhead treatment to provide removal of 1,2-dibromo-3-chloropropane (DBCP), 1,2,3-trichloropropane (TCP), or both, and one has wellhead treatment to remove iron and manganese.

QUESTIONS? For more information about this report, or for any questions relating to your drinking water, please call the Public Utilities Department at (559) 324-2600.

Substances That Could Be in Water

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

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

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 can 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, which are by-products of industrial processes and petroleum production, and which can also come from gas stations, urban stormwater runoff, agricultural applications, and septic systems;

Radioactive Contaminants that can be naturally occurring or can be the result of oil and gas production and mining activities.

More information about contaminants and potential health effects can be obtained by calling the U.S. EPA's Safe Drinking Water Hotline at (800) 426-4791.

Source Water Assessment

An assessment of drinking water sources for the City of Clovis was completed in 2003 by the State Board and in 2006, 2009, and 2015 by the City of Clovis. These sources are considered most vulnerable to the following activities associated with contaminants detected in the water supply: known contaminant plumes, fertilizer, and pesticide/herbicide application. In addition, the sources are considered most vulnerable to these activities: automobile (gas

stations), metal plating/finishing/fabrication, historic waste dumps/landfills, boat services/repair/refinishing, sewer collection systems, chemical/petroleum processing/storage, dry cleaners, automobile (body shops), automobile repair shops, fleet/truck/bus terminals, junk/scrap/salvage yards, machine shops, photo processing/printing, plastics/synthetics producers, underground storage tanks (confirmed leaking), and septic systems.

An assessment of the Enterprise Canal was completed by the City in 2018. This source is most vulnerable to chemical or fuel storage tanks. A copy of the complete assessment is available at 155 North Sunnyside Avenue. You may request a summary of the assessment by contacting Public Utilities at (559) 324-2600.

Water Conservation

Please visit our website for current information on allowed watering days and conservation requirements. For customers who wish to replace their existing 5- to 7-gallon-per-flush toilets with ultra-low flow (1.28 gallon) models, rebates up to \$75 are available with advance approval from the City. The City also has low-flow showerheads and faucet aerators available at no charge. High-efficiency washing machine rebates of \$35 to \$50 per qualified machine purchased and installed are also available. Call (559) 324-2600 or visit cityofclovis.com for information on rebates, water use audits, and fixture replacements.



Test Results

The following table lists all of the drinking water contaminants that were detected during 2021. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table are from testing done from January 1 to December 31, 2021.

The state 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. Therefore, some of the data shown in the table, though representative of the water quality, are more than one year old.

sampling benefits the environment and public health by providing the U.S. EPA with data on the occurrence of contaminants suspected to be in drinking water in order to determine if We participated in the fourth stage of the U.S. EPA's Unregulated Contaminant Monitoring Rule (UCMR4) program by performing additional tests on our drinking water. UCMR4 U.S. EPA needs to introduce new regulatory standards to improve drinking water quality. Unregulated contaminant monitoring data are available to the public, so please feel free to contact us if you are interested in obtaining that information. If you would like more information on the U.S. EPA's Unregulated Contaminant Monitoring Rule, please call the Safe Drinking Water Hotline at (800) 426-4791.

| REGULATED SUBSTANCES | | | | | | | |
|--|-----------------|--------------------------------------|--------------------------|---------------------------------|-------------------|------------------|---|
| SUBSTANCE (UNIT OF MEASURE) | YEAR SAMPLED | MCL [MRDL] | PHG (MCLG) [MRDLG] | AVERAGE DETECTED | RANGE LOW-HIGH | IN COMPLIANCE | TYPICAL SOURCE |
| 1,2,3-Trichloropropane [TCP] (ppb) | 2021 | 5 | 0.7 | ND | ND-0.007 | Yes | By-product of other compounds and pesticides |
| Aluminum (ppm) | 2021 | 1 | 9.0 | 0.025 | ND-0.180 | Yes | Erosion of natural deposits; residue from some surface water treatment processes |
| Arsenic (ppb) | 2021 | 10 | 0.004 | 0.56 | ND-3.2 | Yes | Erosion of natural deposits; runoff from orchards; glass and electronics production wastes |
| Barium (ppm) | 2021 | 1 | 2 | 0.026 | ND-0.17 | Yes | Discharges of oil drilling wastes and from metal refineries; erosion of natural deposits |
| Chlorine (ppm) | 2021 | [4.0 (as Cl2)] | [4 (as Cl2)] | 1.24 | 0.63-2.08 | Yes | Drinking water disinfectant added for treatment |
| Dibromochloropropane [DBCP] (ppt) | 2021 | 200 | 1.7 | 13.3 | ND-170 | Yes | Banned nematocide that may still be present in soils due to runoff/leaching from former use on soybeans, cotton, vineyards, tomatoes, and tree fruit |
| Fluoride (ppm) | 2021 | 2.0 | - | 0.07 | ND-0.19 | Yes | Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories |
| Gross Alpha Particle Activity (pCi/L) | 2021 | 15 | (0) | 2.39 | 1.04-4.29 | Yes | Erosion of natural deposits |
| HAA5 [sum of 5 haloacetic acids]-Stage 2 (ppb) | 2021 | 09 | NA | 24.3 | ND-29 | Yes | By-product of drinking water disinfection |
| Hexavalent Chromium¹ (ppb) [Included with UCMR 3 sampling in 2015. Results did not require additional sampling.] | 2015 | NS | 0.02 | QN | ND-2.2 | Yes | Discharge from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities; erosion of natural deposits |
| Nitrate [as nitrogen] ² (ppm) | 2021 | 10 | 10 | 2.05 | ND-11 | Yes ² | Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits |
| Radium 228 (pCi/L) | 2021 | 5 | 0.019 | 0.264 | ND-0.481 | Yes | Erosion of natural deposits |
| Total Coliform Bacteria [state Total Coliform Rule] (% positive samples) | 2021 | 5.0% of monthly samples are positive | (0) | 3.57% (Jul.) 2.21% (Aug.) | NA | Yes | Naturally present in the environment |
| TTHMs [total trihalomethanes]-Stage 2 (ppb) | 2021 | 80 | NA | 57.3 | ND-70 | Yes | By-product of drinking water disinfection |

| SURFACE WATER | | | | | | | | |
|--|--------------------------|------------------------------|---|--|------------------|----------------|---------------|----------------|
| SUBSTANCE (UNIT OF MEASURE) | | YEAR SAMPLED | MCL [MRDL] | PHG (MCLG) [MRDLG] AVERAGE DETECTED RANGE LOWHIGH IN COMPLIANCE TYPICAL SOURCE | AVERAGE DETECTED | RANGE LOW-HIGH | IN COMPLIANCE | TYPICAL SOURCE |
| Turbidity (NTU) | | 2021 | LL | NA | 0.044 | 0.027-0.044 | Yes | Soil runoff |
| Turbidity (lowest monthly percent of samples meeting limit) | nt of samples meeting | limit) 2021 | TT = 95% of samples meet the limit | NA | 100% | NA | Yes | Soil runoff |
| Tap water samples were collected for lead and copper analyses from sample sites throughout the community | r lead and copper analys | ses from sample sites thro | ughout the community | | | | | |
| SUBSTANCE YEAR (INIT OF MEASI IPF) SAMPI FD AI | | AVERAGE DETECTED SITES ABOVE | PHG AVERAGE DETECTED SITES ABOVE AL/ IN COMPLANCE TYPICAL SOLINCE | SOLIBCE | | | | |

| | | | | - | | | , | | |
|--------------------------------|-----------------|-----------------|------------|------------------------------|---------------------|--------------------------------|------------------|---|---|
| SUBSTANCE (UNIT OF MEASURE) | YEAR SAMPLED | AL | PHG (MCLG) | AVERAGE DETECTED (90TH %ILE) | | SITES ABOVE AL/ TOTAL SITES | IN COMPLIANCE | IN COMPLIANCE TYPICAL SOURCE | |
| Copper (ppm) | 2021 | 1.3 | 0.3 | 0.17 | _ | 0/53 | Yes | Internal corrosion of household plumbing systems; erosion of natural deposits; leg preservatives | of natural deposits; le |
| Lead (ppb) | 2021 | 15 | 0.2 | ND | | 0/53 | Yes | Internal corrosion of household water plumbing systems; discharges from industrierosion of natural deposits | scharges from indust |
| SECONDARY SUBSTANCES | STANCES | | | | | | | | There is currently no MC |
| SUBSTANCE (UNIT OF MEASURE) | | YEAR SAMPLED | ED SMCL | PHG (MCLG) | AVERAGE DETECTED | RANGE LOW-HIGH | IN COMPLIANCE | IN COMPLIANCE TYPICAL SOURCE | September 11, 2017. Som |
| Chloride (ppm) | | 2021 | 1 500 | NS | 6.7 | 3.4–38 | Yes | Runoff/leaching from natural deposits; seawater influence | containing nexavalent or mg/L over many years m |
| Color (units) | | 2021 | 15 | NS | 0.1 | ND-5 | Yes | Naturally occurring organic materials | of getting cancer. |
| Iron (ppb) | | 2021 | 300 | NS | 12 | ND-480 | Yes | Leaching from natural deposits; industrial wastes | f In July 2021, one Intrate 36 was 10.8 mg/L. Well 3 |
| Manganese (ppb) | | 2021 | 1 20 | NS | 1.04 | ND-180 | Yes | Leaching from natural deposits | from service and will ren |
| Specific Conductance (µmho/cm) | (mp/oqum) | 2021 | 1,600 | O NS | 164 | 969–95 | Yes | Substances that form ions when in water; seawater influence | Nitrate issue is resolved |

UNREGULATED SUBSTANCES³

| SUBSTANCE (UNIT OF MEASURE) | YEAR SAMPLED | AVERAGE DETECTED | RANGE LOW-HIGH | TYPICAL SOURCE |
|----------------------------------|-----------------|---------------------|-------------------|---|
| Hardness, Total [as CaCO3] (ppm) | 2021 | 65.6 | 16–290 | Naturally occurring polyvalent cations, generally magnesium and calcium |
| Sodium (ppm) | 2021 | 13.2 | 4.3–59 | Naturally occurring |

OTHER UNREGULATED SUBSTANCES 3

| CHIEN CIANEGOEALED SOUSINGES | | | |
|---|-----------------|---------------------|-------------------|
| SUBSTANCE (UNIT OF MEASURE) | YEAR SAMPLED | AVERAGE DETECTED | RANGE LOW-HIGH |
| Perfluorooctanesulfonate Acid [PFOS] ^{4,5} (ppt) | 2021 | 3.83 | ND-22 |
| Perfluorooctanoic Acid [PFOA] ^{4,6} (ppt) | 2021 | 2.23 | ND-13 |

¹There is currently no MCL for hexavalent chromium. The previous MCL of 0.010 mg/L was withdrawn on September 11, 2017. Some people who drink water containing hexavalent chromium in excess of 0.010 mg/L over many years may have an increased risk of certing cancer.

eaching from wood

trial manufacturers;

In July 2021, one Nitrate sample collected from Well 36 was 10.8 mg/L. Well 36 was immediately removed from service and will remain offline until the high Nitrate issue is resolved. Nitrate in drinking water at levels above 10 mg/L can be 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 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.

Runoff/leaching from natural deposits; industrial wastes

Runoff/leaching from natural deposits

Yes Yes

1.7–38

2021

500

2021

Total Dissolved Solids (ppm)

Sulfate (ppm)

Furbidity (NTU)

Soil runoff

Yes

ND-3.9

7.11610.16

- U.S. EPA and the State Water Resources Control Board to determine where certain contaminants occur and whether the contaminants need to be regulated.
- Part of a larger group of chemicals referred to as per- and poly-fuoroalkyl substances (PFAS). Studies indicate that long-term exposure to PFOS and PFOA over certain levels could have adverse health effects. Potential health impacts related to PFAS compounds are still being studied, and research is still evolving. Although there is no Maximum Contaminant Level (MCL) set for these substances, we have proactively monitored sources and will continue to do so.
- ⁵ During the year, Wells 42, T-5, and T-6 had PFOS test results above the Notification Level (NL) of 6.5 ppt but were below the Response Level (RL) of 40 ppt. Well T-5 was offline all year.
 - ⁶ During the year,Well sites 42 and T-5 had PFOA test results above the NL of 5.1 ppt. Well T-5 had results above the RL of 10 ppt, but was offline and did not run into the water system.

Definitions

90th %ile: The levels reported for lead and copper represent the 90th percentile of the total number of sites tested. The 90th percentile is equal to or greater than 90 percent of our lead and copper detections.

AL (Regulatory Action

Level): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

MCL (Maximum

Contaminant Level): 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 (SMCLs) are set to protect the odor, taste, and appearance of drinking water.

MCLG (Maximum Contaminant Level Goal):

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. EPA.

MRDL (Maximum Residual Disinfectant Level): 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.

MRDLG (Maximum Residual Disinfectant Level Goal):

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.

NA: Not applicable.

ND (Not detected): Indicates PHG (Public Health Goal):

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 EPA.

found by laboratory analysis.

NL (Notification Level): Established health-based

advisory levels.

that the substance was not

ppb (parts per billion): One part substance per billion parts water (or micrograms per liter).

ppm (parts per million): One part substance per million parts water (or milligams per liter).

Furbidity Units): Measurement

NS: No standard.

water. Turbidity in excess of 5 NTU is just noticeable to the

of the clarity, or turbidity, of

ppt (parts per trillion): One part substance per trillion parts water (or nanograms per liter).

pCi/L (picocuries per liter): A

average person.

measure of radioactivity.

RL (Response Level): Level at which recommendation occurs.

PDWS (Primary Drinking Water Standard): MCLs and

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

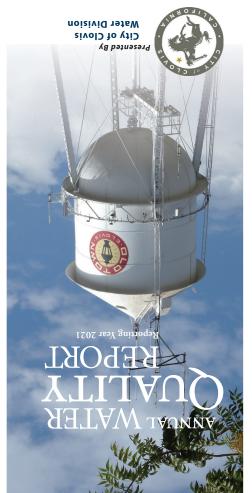
their monitoring and reporting

requirements and water treatment requirements.

that affect health, along with

MRDLs for contaminants

punho/cm (micromhos per centimeter): A unit expressing the amount of electrical conductivity of a solution.



City 155

22901

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Testing for Cryptosporidium

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Lead in Home Plumbing

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Important Health Information

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Radioactive Contaminants that can be naturally occurring or can be the result of oil and gas production and mining

runoff, agricultural applications, and septic systems; which can also come from gas stations, urban stormwater of industrial processes and petroleum production, and Organic Chemical Contaminants, including synthetic and volatile organic chemicals, which are by-products

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of sources such as agriculture, urban stormwater runoff, Pesticides and Herbicides that may come from a variety

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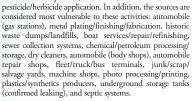
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Test Results

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| Total Coliform Bacteria [state Total Coliform Rule] (% positive samples) | 2021 | 5.0% of monthly samples are positive | (0) | 3.57% (Jul.) 2.21% (Aug.) | NA | Yes | Naturally present in the environment |
| TTHMs [total trihalomethanes]-Stage 2 (ppb) | 2021 | 80 | NA | 57.3 | ND-70 | Yes | By-product of drinking water disinfection |
| SURFACE WATER | | | | | | | |

| SUBSTANCE (UNIT OF MEASURE) | YEAR SAMPLED | MCL [MRDL] | PHG (MCLG) [MRDLG] | AVERAGE DETECTED | RANGE LOW-HIGH | IN COMPLIANCE | TYPICAL SOURCE |
|--|----------------------|------------------------------------|--------------------|------------------|----------------|---------------|----------------|
| Turbidity (NTU) | 2021 | TT | NA | 0.044 | 0.027-0.044 | Yes | Soil runoff |
| Turbidity (lowest monthly percent of samples meeting limit) | 2021 | TT = 95% of samples meet the limit | NA | 100% | NA | Yes | Soil runoff |
| Tap water samples were collected for lead and copper analyses from | n sample sites throu | ghout the community | | | | | |
| | | | | | | | |

| SUBSTANCE (UNIT OF MEASURE) | YEAR SAMPLED | AL | PHG (MCLG) | AVERAGE DETECTED (90TH %ILE) | SITES ABOVE AL/ TOTALSITES | IN COMPLIANCE | TYPICAL SOURCE |
|-----------------------------------|-----------------|-----|---------------|------------------------------------|----------------------------------|------------------|---|
| Copper (ppm) | 2021 | 1.3 | 0.3 | 0.17 | 0/53 | Yes | Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives |
| Lead (ppb) | 2021 | 15 | 0.2 | ND | 0/53 | Yes | Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits |

| SECONDARY SOBSIANCES | | | | | | | |
|--------------------------------|-----------------|-------|---------------|---------------------|-------------------|------------------|---|
| SUBSTANCE (UNIT OF MEASURE) | YEAR SAMPLED | SMCL | PHG (MCLG) | AVERAGE DETECTED | RANGE LOW-HIGH | IN COMPLIANCE | TYPICAL SOURCE |
| Chloride (ppm) | 2021 | 500 | NS | 6.7 | 3.4-38 | Yes | Runoff/leaching from natural deposits; seawater influence |
| Color (units) | 2021 | 15 | NS | 0.1 | ND-5 | Yes | Naturally occurring organic materials |
| Iron (ppb) | 2021 | 300 | NS | 12 | ND-480 | Yes | Leaching from natural deposits; industrial wastes |
| Manganese (ppb) | 2021 | 50 | NS | 1.04 | ND-180 | Yes | Leaching from natural deposits |
| Specific Conductance (µmho/cm) | 2021 | 1,600 | NS | 164 | 56-690 | Yes | Substances that form ions when in water; seawater influence |
| Sulfate (ppm) | 2021 | 500 | NS | 7.1 | 1.7-38 | Yes | Runoff/leaching from natural deposits; industrial wastes |
| Total Dissolved Solids (ppm) | 2021 | 1,000 | NS | 161 | 34-420 | Yes | Runoff/leaching from natural deposits |
| Turbidity (NTU) | 2021 | 5 | NS | 0.16 | ND-3.9 | Yes | Soil runoff |
| | | | | | | | |

| Turbidity (NTU) | 2021 | 5 | NS | 0.16 | ND-3.9 | Yes | Soil runoff |
|---------------------------------|-----------------------|-----------------|----|-------------------|-------------------|-------------|--|
| UNREGULATED SUBSTANCES | S ³ | | | | | | |
| SUBSTANCE (UNIT OF MEASURE) | | YEAR SAMPLED | | VERAGE ETECTED | RANGE LOW-HIGH | TYPICAL SOL | IRCE |
| Hardness, Total [as CaCO3] (ppr | n) | 2021 | | 65.6 | 16-290 | Naturally o | curring polyvalent cations, generally magnesium ar |
| Sodium (ppm) | | 2021 | | 13.2 | 4 3-59 | Naturally o | courring |

| OTTIER OWNEGOLATED SOBSTANCES | | | |
|---|-----------------|---------------------|-------------------|
| SUBSTANCE (UNIT OF MEASURE) | YEAR SAMPLED | AVERAGE DETECTED | RANGE LOW-HIGH |
| Perfluorooctanesulfonate Acid [PFOS] ^{4,5} (ppt) | 2021 | 3.83 | ND-22 |
| Perfluorooctanoic Acid [PFOA] 4.6 (ppt) | 2021 | 2.23 | ND-13 |

OTHER LINIDECLILATED SUPSTANCES

¹There is currently no MCL for hexavalent chromium. The previous MCL of 0.010 mg/L was withdrawn on September 11, 2017. Some people who drink water containing hexavalent chromium in excess of 0.010 mg/L over many years may have an increased risk of getting cancer.

² In July 2021, one Nitrate sample collected from Well 36 was 10.8 mg/L. Well 36 was immediately removed from service and will remain offline until the high Nitrate issue is resolved. Nitrate in drinking water at levels above 10 mg/L can be 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 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.

³ Unregulated contaminant monitoring helps U.S. EPA and the State Water Resources Control Board to determine where certain contaminants occur and whether the contaminants need to be regulated. ⁴Part of a larger group of chemicals referred to as per- and poly-fuoroalkyl substances (PFAS). Studies indicate that long-term exposure to PFOS and PFOA over certain levels could have adverse health effects. Potential health impacts related to PFAS compounds are still being studied, and research is still evolving. Although there is no Maximum Contaminant Level (MCL) set for these substances, we have proactively monitored sources and will continue to do so.

⁵During the year, Wells 42, T-5, and T-6 had PFOS test results above the Notification Level (NL) of 6.5 ppt but were below the Response Level (RL) of 40 ppt. Well T-5 was offline all year.

⁶ During the year. Well sites 42 and T-5 had PFOA test results above the NL of 5.1 nnt. Well T-5 had results above the RL of 10 ppt, but was offline and did not run into the water system

Please visit our website for current information on allowed watering days and conservation requirements. For customers who wish to replace their existing 5- to 7-gallon-per-flush toilets with ultra-low flow (1.28 gallon) models, rebates up to \$75 are available with advance approval from the City. The City also has low-flow showerheads and faucet aerators available at no charge. High-efficiency washing machine rebates of \$35 to \$50 per qualified machine purchased and installed are also available Call (559) 324-2600 or visit cityofclovis.com for information on rebates, water use audits, and fixture replacements.

Water Conservation

Definitions

MCL (Maximum
Contaminant Level): The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs for MCLGs) as is economically and technologically feasible. Secondary MCLs (SMCLs) are set to protect the odor, taste, and appearance of drinking water.

MCLG (Maximum Contaminant Level Goal): 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. EPA.

MRDLG (Maximum Residual Disinfectant Level Goal):
The level of a drinking water disinfectant below which there

that the substance was not found by laboratory analysis.

ind calcium

NTU (Nephelometric Turbidity Units): Meas

pCi/L (picocuries per liter): A measure of radioactivity.

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

PHG (Public Health Goal): 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 EPA.

ppb (parts per billion): One

ppm (parts per million): One part substance per million parts

ppt (parts per trillion): One part substance per trillion part water (or nanograms per liter).

RL (Response Level): Level at

μmho/cm (micromhos per