

Willow Creek C.S.D.

135 Willow Rd.
Willow Creek, Ca 95573-0008
Phone: 530-629-2136
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willowcreekcsd@gmail.com



June 2022

**Bulk Rate
U.S. Postage Paid
Willow Creek Chamber
Permit No. 31**

Return service requested

District Staff

Susan O’Gorman, General Manager
Lynn White, Office Manager
Kevin Latham Jr., Senior Operator
Wyatt Opie McBroom, Operator II
Ken Gallamore, Recreation Technician
Steve Braun, Recreation Technician

WCCSD Board of Directors

Board Chair: Judy Gower
Vice Chair: Ed Duggan
Director: C. Caroline Snow
Director: Riley Morrison
Director: Shannon Hughes



WCCSD Calendar

WCCSD Regular Board Meetings, 8:30 a.m.

at the District Office, 135 Willow Rd. (& by Zoom)
(4th Thursday each month, except Nov. and Dec.
when it is the 3rd Thursday)

July 28, Aug. 25, Sept. 22, Oct. 27, Nov. 17, Dec. 15
2023: Jan. 26, Feb. 23, Mar. 23, April 27, May 25,
and June 22

Holidays (Office will be closed)

July 4th & Labor Day - Sep. 6th

Veteran’s Day - Nov. 11th

Thanksgiving Day & day after

December 26th & January 2nd

Martin Luther King Jr. - Jan. 17th, 2023

Lincoln’s Birthday - Feb. 10th, 2023

Washington's Birthday - Feb. 20th, 2023

Memorial Day - May 29th, 2023



~ Waterline leak in Bigfoot Subdivision ~

District meetings also on ZOOM
Use ZOOM Meeting ID: 414 162 5718
<https://zoom.us/j/4141625718>
or DIAL IN: 1-669-900-6833
press *9 to raise your hand to speak
and *6 to mute/unmute



Willow Creek Community Services District
2021 Water Quality Consumer Confidence Report
Public Water System Number 12-10015
June 2022

For additional information concerning your drinking water, contact Susan O’Gorman, General Manager and Chief Operator, at 530-629-2136 or email willowcreekcsd@gmail.com. If you would like to tour of our facility, please contact Susan O’Gorman at 530-629-2136. Our operators would be more than happy to guide you through our treatment process.

The Willow Creek Community Services District (District or WCCSD) owns and operates a public water system that serves domestic water to approximately 945 service connections, with a population of 1,710 people.

The source of supply for your water is from Willow Creek, a tributary of the Trinity River. Your source water is drawn through naturally filtered sand and gravels in the creek streambed. The District also collects surface water during summer demand from a surface water collection system with a special protective intake.

Our water treatment facility was installed in the spring of 2007. This facility is a modern, inline, direct filtration plant. This facility consists of a control center with the latest in technology with controls and monitoring equipment. The three, multi-stage, pressure filters have 720 square feet of surface filter media that produce the highest quality of water. To assist in the filtration process, a synthetic organic polymer is added to the water, prior to the filters, which causes the very small particles to clump together and filter out.

With the installation of our water treatment facility, the District meets the Surface Water Treatment Rule. All public systems under the direct influence of surface water shall have a filtration system that will remove *Cryptosporidium* 99% of the time, *Giardia lamblia* cysts 99.9% of the time and Viruses 99.99% of the time. The key item in this process is the addition of sodium hypochlorite (chlorine) to the water. We are required by the State to maintain a chlorine residual in the water distribution system at all times.

The facility can produce up to three million gallons of water a day at peak production if needed. Normal production in the summer averages 1.2 million gallons per day and in the winter the average is 325,000 gallons of water per day.

The District monitors disinfection and turbidity 24 hours per day. The treatment facility has alarms that will shut down the treatment facility in case of equipment and treatment failures. This alarm system is to protect our customers from potential pathogens that, if not treated properly, may cause humans to become ill.

Testing for bacteriological contaminants in the distribution system is required by State Regulations. Testing is done regularly to verify that the water system is free from coliform bacteria. The minimum number of tests required for our District is three per month. In our distribution system, we generally test once per week. We also take a sample once per month for source water bacteria. The District has met coliform standards within our distribution system.

2021 Annual Water Usage (million gallons) - 258.7 million gallons total

Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
11.1	11.1	13.6	17.1	27.6	33.8	40.2	35.5	30.0	16.6	11.7	10.4



Este informe contiene información muy importante sobre su agua para beber.
Favor de comunicarse Willow Creek Community Services District
a 135 Willow Road, Willow Creek, 530-629-2136 para asistirlo en español.

Lead

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 Willow Creek CSD 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.

Lead and Copper Testing Results

Lead and copper testing of water from individual taps in the distribution system is required by State regulations. Our water system is required to sample every 3 years. The table below summarizes the most recent sampling for lead and copper.

Test	Year tested	Number of Samples	Samples Required	90 th PPB	Action Level
Lead	2020	10	10	2.5	15
Copper	2020	10	10	810	1300

Chemical sample results showing detected contaminants

The following tables list all detected chemicals in our water during the most recent sampling. Please note that not all sampling is required annually so in some cases our results are more than a year old. These values are expressed in PPM or PPB unless otherwise stated.

Contaminants with Primary MCLs

Chemical Detected	Source of Sample	Year Tested	Level	MCL	Source of Chemical
Trihalomethanes (TTHM's)	Distribution	2021	16	80 PPB	Organic / Chlorine
Haloacetic Acids (HAA5)	Distribution	2021	18	60 PPB	Organic / Chlorine
Nickel	Well 3	2022	14.5	100 PPB	Natural Deposits
Radium 228	Wells 2 & 4	2013	0.424	2 pCi/L	Natural Deposits
Chromium hexavalent (Chromium 6)	Composite Well	2017	2.2	10 PPB	Natural Deposits / Chemical Plants

Contaminants with secondary MCLs

Chemical Detected	Source of Sample	Year Tested	Level	MCL	Source of Chemical
Aluminum	Composite	2012	53	1000 PPB	Natural Deposits
Arsenic	Wells 2 & 4	2012	2.5	7 MFL	Natural Deposits
Asbestos	Wells 2 & 4	2017	0.5	10 PPB	Natural Deposits
Chloride	Well 3	2022	2.91	250 PPM	Natural Deposits
Foaming Agent (MBAS)	Composite	2018	0.05	0.5 PPM	Municipal and industrial waste discharges
Total Dissolved Solids (TDS)	Wells 2 & 4	2018	130	500 PPM	Natural Deposits
Specific Conductance	Composite	2018	160	1600 µS/cm	Substances that form ions when
Sulfate	Well 3	2022	10.24	250 PPM	Natural Deposits
Iron	Wells 2 & 4	2012	0.035	0.3 PPM	Natural Deposits

Drinking Water Source Assessment & Watershed Study

Our most recent water source assessment was completed by the State Water Resource Control Board, Division of Drinking Water, in August 2002.

Our most recent watershed study was completed by Trinity Valley Consulting Engineers, Inc. May 2014

If you would like to view the complete assessment of our drinking water source, our address is 135 Willow Road in Willow Creek, CA or you may call our office at 530-629-2136 and ask for Susan O’Gorman, General Manager.

Definitions of some of the terms used in this report:

Public Health Goal (PHG): The level of 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 Federal Environmental Protection Agency (USEPA).

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 technologically, and economically feasible.

Secondary MCLs are set to protect the odor, taste and appearance of drinking water.

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

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

MFL: million fibers per liter

PPB: parts per billion or micrograms per liter

PPM: parts per million or milligrams per liter

ND: non detectable at testing limit

TDS: Total Dissolved Solids

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.

Contaminants that may be present in source water include:

- Microbial contaminants, such as viruses and bacteria that may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
- Inorganic contaminants, such as salts and metals, that can be naturally-occurring or result from urban storm water runoff, industrial or domestic waste water discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals that are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff and septic systems.
- Radioactive contaminants, which can be naturally-occurring or be the result of oil and gas production and mining activities.

General Information on Drinking Water

All 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 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. Immune-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 individuals, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. The USEPA/Center for Disease Control guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline at 1-800-426-4791.

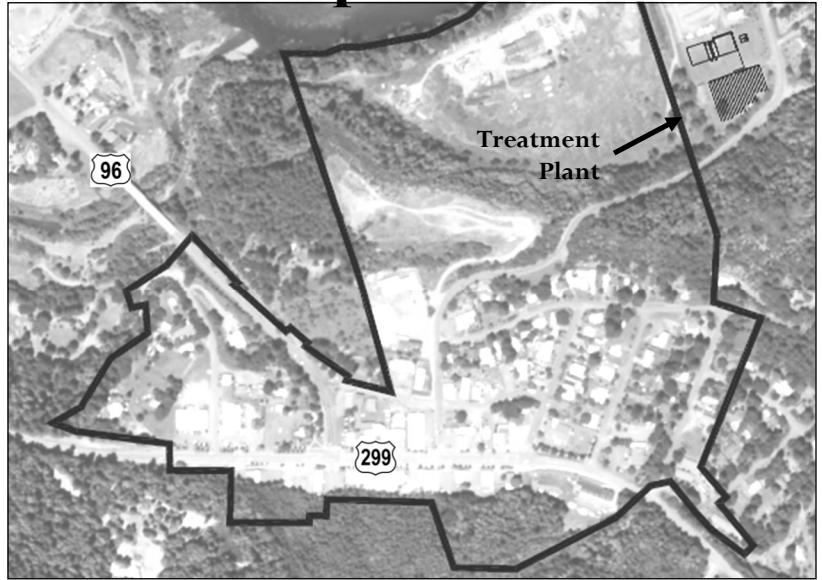


Your water utility is responsible for underground pipes from the street up to your water meter, but if your pipes leak after your water meter it is your responsibility to make repairs.

Downtown Wastewater Update

The Last Big Hurdle!

- The wastewater project has had a many delays, but we did successfully go out to bid this spring. Mercer-Fraser was the low bidder. The construction will start as soon as we hear word from the State and the USDA on additional funding.
 - The wastewater service boundary of the system has been selected. As shown in the image to the right, the wastewater system is only in the downtown area and properties adjacent to the wastewater treatment plant.
 - The collection system will be gravity sewer lines with 2 pump stations. The project will include working with land owners to remove their existing septic tanks and install new sewer lines to the main street lines.
 - The annual budget for the new wastewater system will be paid by collecting monthly sewer rates from the properties that are connected to the system. Those outside of the service boundary and not connected to the system will not receive a bill.
- Questions ?**



If you have any questions regarding this project, please feel free to contact the General Manager, Susan O’Gorman.

Do you need a Backflow Device?

What is a Backflow Device

A backflow device or cross connection control device, is a device designed to prevent contaminates (non harmful) and pollutants (harmful) from entering our public water systems in case there is a backflow or back pressure situation.

Types of Backflow Devices

- DC: This is a double check valve that can be used to prevent moderate risk contaminates (only things that may change how the water tastes, smells, or looks but will not cause any adverse health affects).
- RP: This is a reduced pressure valve it offers moderate to high level protection and should be used in any situation where there is potential for a consumer’s water to cause harm or death from chemical, bacterial, or viral pollutants.
- Air Gap: Is an actual physical separation between the water source and its receptacle and provides the highest level of protection and are seen most commonly in plumbing fixtures such as sinks, toilets, and tubs.

Do you have any of these situations?

- A swimming pool, pond, storage tank, or any other standing water
- A river/creek irrigation or well system
- A permanent buried sprinkler system
- A farm that applies fertilizers or pesticides
- A business with a kitchen or laundry
- Other situation where contaminated or polluted water could be in contact with water lines that are fed with District water.



RP backflow device next to a meter box

WCCSD District Policy:

If you have any of the situations listed above, you are required by State regulations and District policy to have a backflow device on your water system, immediately after your meter. Backflows must be tested annually to confirm they are working properly. The property owner is required to pay for the installation of the backflow device, the annual testing, and any repairs that are needed.

Until recently the District has not charged for the testing of backflow devices. This will change in 2023. The current plan is to add a monthly fee to water bills of customers that have backflow devices. Additionally, the District will be completing cross connection surveys soon, in which we will reach out to customers to determine if they have a situation which requires a backflow device.

If you believe you need a backflow device, please contact the District at 530-629-2136. We appreciate the assistance. **Page 5**

Willow Creek Fire District & Willow Creek Volunteer Fire Department

The Board of the Willow Creek Fire District, as well as the Willow Creek Community Services District, would like to acknowledge and thank the Volunteer Fire Department for being a critical asset in our community.

2021 Fire Fighter of the Year: Cameron Smith

2021 Rookie of the Year: Matt Jaime

Filling out the rest of the Top 10 based on number of calls responded to for the year are:

Jacques Neukom
Fire Chief Samatha Smith
Breon Hole
Mike Avelar
Darryl Howard
Cory Hicks
Jim Lasell
Ryan Smith

And the rest of the wonderful volunteers are:

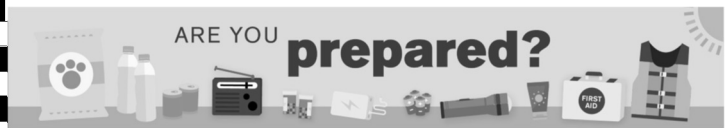
Mike Allen	Ramone Mullen
Jerry Soho	Joel McClure
Maria Reynolds	Zach Whyman
MJ Fracess	Matt Nagel
Olivia Lopes	

In 2021 the Volunteer Fire Department had over 400 calls with only one that accounted for the entire Knob Fire response; let alone staging of the helitack base for the Monument Fire and lastly but not the least- that little snow storm we had too!

For comparison when Steve Paine was on the team in 1977 they only had 70 calls in one year.

The WCFD Board also recognizes *Algena Hanger-Fullerton* for all her years of being the Clerk to the Board! Big Thanks to Algena for her amazing commitment to the department and our community!

The entire Willow Creek Fire District Board is proud to represent our Volunteers as our local Public Safety Organization!



Sign Up for Emergency Notifications

Humboldt ALERT

Humboldt ALERT is our County's public alert and warning system. We strongly encourage all community members to sign up at:

humboldt.gov.org/2014/Emergency-Notifications

Evacuation Orders

KNOW YOUR ZONE!

Residents are encouraged to Know Your Zone before the next emergency occurs by visiting the new interactive map on Zonehaven AWARE at:

community.zonehaven.com

KNOW YOUR
ZONE

Are you prepared for a power outage?



Our power frequently goes out in this area. If your cooking stove is electric, we suggest you have a back-up stove, such as a Coleman Camping stove that uses 16 oz propane cylinders, and have a cylinder on hand at all times.

We also suggest:

Flashlights, batteries, candles and matches. A couple gallons of stored water and dry food, such as pasta, rice and beans.

Do you have medical device or assisted technology?

There are resources to help provide backup batteries for medical devices and assisted technology. Please contact Dawn Albrecht "Disaster Dawn" at 707-407-5653. She can help connect you to resources, so that you can be prepared for our next disaster.

Emergency Plan

Our community is susceptible to emergencies. We encourage all community members to make their own emergency plan. Humboldt OES, The Red Cross, or www.ready.gov are all good resources.



Our Parks are Fee Based !

If you would like to have a barbeque, birthday party, baseball or softball game, or other event at one of our parks, please contact the WCCSD Office at 530-629-2136.

Your spot will be reserved with your fee. Fees go towards trash bills, mowing, watering, supplies, and repairs.

Lose something in the park? Sometimes lost items are turned into our office. Please check with us if you have lost something at the parks. 530-629-2136

