

# **GREEN VALLEY MUTUAL** WATER COMPANY

# 2020 Consumer Confidence Report

Este informe contiene información muy importante sobre su agua potable. Traducir o hablar con alguien que entiende bien.

## WATER QUALITY

The Green Valley Mutual Water Company (GVMWC) regularly monitors water quality to ensure high quality and compliance with the stringent requirements of both the state and federal guidelines. Drinking water standards also called MCLs, are established in two categories: primary and secondary standards. Primary standards relate to public health and secondary standards relate to aesthetic standards such as taste, odor, and color. Recent changes in the California law (Health and Safety Code Section 116470) require that we provide additional water quality information. The additional information includes public health goals (PHG) or maximum contaminant level goals (MCLG). Definitions of these terms are found in this report along with a listing of the PHGs or MCLGs for each detected chemical.

### WATER QUALITY MONITORING

Samples are taken from our distribution system weekly to monitor bacteriological water quality. Well samples are tested quarterly for bacteria and the physical qualities of the water such as clarity, odor, and color. In compliance with the State and EPA regulations, we test for the above contaminants.

The water quality data found in this report represents the test results for the constituents detected but does not indicate all that we test for. For example, we test for over 60 organic constituents, but none were detected. Water Quality or water system information is always available to you at our office. If you should have any questions please contact Kevin Floyd, at (909) 867-2912 during regular business hours.

### WATER SUPPLY

The Green Valley Mutual Water Company receives its water from two sources: Local ground water and imported State surface water sold to us from the Crestline - Lake Arrowhead Water Agency (CLAWA). CLAWA distributes water from the State water project and pumps the water to us, from Lake Silverwood.

GVMWC owns, operates, and maintains over 25 wells in and around Green Valley Lake. The wells are commonly grouped into well groups for composite sampling. They are: **Tank Farm, Park, Stable, Meadow, Ski Hill, Angeles High Springs, and Snow Canyon** well systems. There are three separate pressure zones in GVL. Water is pumped and transferred between these zones to maintain an adequate supply for all. The wells feed directly into the distribution system and back feed to fill the tanks. On average we produce and distribute about 27 million gallons of water per year. Our total storage capacity is 1.7 million gallons held in storage tanks.

### SOURCE WATER PROTECTION

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. (<u>Yes, even in the forest</u>).
- If you have your own septic system, properly maintain your system to reduce leaching to water sources or consider connecting to a public water system.
- 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 to locate groups in your community or visit the Watershed Information Network's How to Start a Watershed Team.

Organize a storm drain stenciling project with your local government or water supplier. Stencil a message next to the street drain reminding people "Dump No Waste – Drains to River" or "Protect Your Water". Produce and distribute a flyer for households to remind residents that storm drains dump directly into your local water body.

#### WATER CONSERVATION

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-minute 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.
- Plant only drought-tolerant plants, preferably noninvasive and indigenous.
- 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.
- ALWAYS turn your water off at your <u>stop and waste valve</u> to protect your property from domestic leaks while you are not at home.

Please be aware of any leaks that you may have and periodically check your plumbing for any current, or potential problem that may exist. *Water conservation should be considered a way of life here in Southern California.* 

#### DRINKING WATER CONTAMINANTS

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 human activity.

Contaminants that may be present in source water include:

- Microbiological 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, and farming.
- Pesticides and herbicides, which 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 byproducts of industrial processes and petroleum production, and can also come from stormwater runoff, gas stations, and septic systems.
- Radioactive contaminants, that can be naturally occurring or be the result of oil and gas production and mining activities. 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 U.S. EPA's Safe Drinking Water Hotline (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 (800-426-4791).

This Consumer Confidence Report (CCR) reflects changes in drinking water regulatory requirements during 2016. All water systems are required to comply with the state Total Coliform Rule. Effective 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.

#### **BOARD MEETINGS**

Regular meetings of the GVMWC Board of Directors are held monthly, typically on the third Monday of the month. Agendas are posted 96 hours in advance at the Water Company bulletin board and on the website at <u>www.GVMWC.org</u>. If planning to attend a board meeting, please provide 24-hour written notice via a written letter or by emailing <u>office@gvmwc.org</u>.

#### LEAD AND COPPER

Green Valley Mutual Water Company is currently conducting Lead and Copper tap sampling once a year. We are also conducting a study on the corrosivity of our well water and how it reacts with household plumbing.

#### HOW DOES LEAD GET INTO YOUR DRINKING WATER?

Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like rivers and lakes. Lead enters drinking water primarily as a result of the corrosion or wearing away of materials containing lead in household plumbing. These materials include lead-based solder used to join copper pipe, brass, and chrome-plated brass faucets. Brass faucets, fittings, and valves, including those advertised as "lead-free," may contribute lead to drinking water. As of June 19, 1986, new or replaced water service lines and new household plumbing materials could not contain more than 8% lead. Lead content was further reduced on January 4, 2014, with the adoption of the requirement that the amount of lead used in plumbing materials intended for contact with drinking water must be certified as "lead-free" (weighted average of wetted surface cannot be more than 0.25% lead). Consumers should be aware of this when choosing fixtures and take appropriate precautions. Visit the NSF Web site at <u>www.nsf.org</u> to learn more about lead-containing plumbing fixtures. When water stands in lead pipes or plumbing systems containing lead for several hours or more, the lead may dissolve into your drinking water. This means the first water drawn from the tap in the morning, or later in the afternoon after returning from work or school, can contain fairly high levels of lead.

#### **Health Effects**

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. Green Valley Mutual Water Company is responsible for providing high-quality drinking water but cannot control the variety of materials used in the plumbing components in homes. 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 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 are available from the Safe Drinking Water Hotline or at http://www.epa.gov/lead.

Infants and young children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. If you are concerned about elevated lead levels in your home's water, you may wish to have your water tested and/or flush your tap for 30 seconds to 2 minutes before using tap water. Additional information is available from the U.S. EPA Safe Drinking Water Hotline (1-800- 426-4791).

*How Can I Get Rid of Lead in My Drinking Water*? If you do have lead in your drinking water, the best way to get rid of the lead is to replace any pipe, fitting, or fixture that has any lead in it!

#### TERMS USED IN THIS REPORT

alla as the <b>Ma</b> dri are <b>Pu</b> wh En <b>Ma</b> dis of <b>Ma</b> wa MI	wed in drinking water is economically and tec odor, taste, and appea <b>aximum Contaminan</b> nking water below wh set by the U.S. Envirce <b>blic Health Goal (PH</b> ich there is no known vironmental Protectior <b>aximum Residual D</b> infectant allowed in dr a disinfectant is necess <b>aximum Residual Dis</b> ter disinfectant below	<ul> <li>Contaminant Level (MCL): The highest level of a contaminant that is drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) nically and technologically feasible. Secondary MCLs are set to protect ste, and appearance of drinking water.</li> <li>Contaminant Level Goal (MCLG): The level of a contaminant in ater below which there is no known or expected risk to health. MCLGs ne U.S. Environmental Protection Agency (USEPA).</li> <li>Alth Goal (PHG): The level of a contaminant in drinking water below e is no known or expected risk to health. PHGs are set by the California ntal Protection Agency.</li> <li>Residual Disinfectant Level (MRDL): The highest level of a tallowed in drinking water. There is convincing evidence that addition ctant is necessary for control of microbial contaminants.</li> <li>Residual Disinfectant Level Goal (MRDLG): The level of a drinking fectant below which there is no known or expected risk to health.</li> </ul>				<ul> <li>Primary Drinking Water Standards (PDWS): MCLs and MRDLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.</li> <li>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.</li> <li>Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.</li> <li>Regulatory Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.</li> <li>Variances and Exemptions: Department permission to exceed an MCL or not comply with a treatment technique under certain conditions.</li> <li>ND: not detectable at testing limit ppm: parts per million or miligrams per liter (mg/L)</li> <li>ppt: parts per trillion or nanograms per liter (mg/L)</li> <li>ppt: parts per quadrillion or picogram per liter (mg/L)</li> <li>ppCi/L: picocuries per liter (a measure of radiation)</li> </ul>				
						DETECTION OF COLIFORM BACTERIA				
	Microbiological Contaminants	Highest No. of Detections	No. of months in violation		MCL		MCLG	Typical Source of Bacteria		
	Total Coliform     (In a mo.)     0     1 sample in a month with a de       Bacteria     0			n with a detect	ion	0	Naturally present in the environment			
	Fecal Coliform or <i>E.</i> coli	(In the year) <u>0</u>	0	A routine sample ar total coliform and e fecal coliform or <i>E.</i>	ither sample a	-	0	Human and animal fecal waste		
		•	TABLE 2 – SAM	PLING RESULTS SHO	WING THE DE	TECTION OF LEA	AD AND COPPER			
	Lead and Copper	Violation Y/N	No. of samples collected	90 <sup>th</sup> percentile level detected	No. sites exceeding AL	AL	PHG	Typical Source of Contaminant		
	Lead (ppb)	N	20	7.5 ug/L	2*	15 ug/L	0.2	Internal corrosion of household		

ppb from industrial manufacturers; erosion of natural deposits Infants and children who drink water containing lead in excess of the action level may experience delays in their physical or mental development. Children may show slight deficits in attention span and learning abilities. Adults who drink this water over many years may develop kidney problems or high blood pressure.

water plumbing systems; discharges

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Copper (ppm)	N	20	1.0 mg/L ppm	1	1.3 mg/L	0.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
		TABL	E 3 – SAMPLING RES	ULTS FOR SODI	UM AND HAR	DNESS	
Chemical or Constituent (and reporting units)	Violation Y/N	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant
<u>Sodium (ppm)</u>	N	2020	Avg. 10.2	6.8-18	none	none	Salt present in the water and is generally naturally occurring
Hardness (ppm)	N	2020	Avg. 94	22-170	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

TABLE 4 – SAMPLING F							
Chemical or Constituent	Violation Y/N	AVG. Level Detected	Range of Detections	Unit of Measure	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
Radioactive Contamina	ants						
Gross Alpha	Ν	12.175	0-24* 2018	pCi/L	15	None	Erosion of natural deposits.
<u>Uranium</u>	N	13.125	0-26* 2018	pCi/L	20	0.43	Erosion of natural deposits.
Turbidity					1	1	
<u>Turbidity*</u>	Ν	0.83	0-1.9	Units	5	N/A	Soil Runoff
*Turbidity is a measur effectiveness of disinfo		ss of the water.	We monitor it becau	ise it is a good i	ndicator of w	ater quality. Hig	h turbidity can also hinder the
Chemical or Constituent (and reporting units)	Violation Y/N	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant
Inorganic Chemical Co <u>Nitrate as N (NO3-N)</u>	ntaminants N	0.26	0-0.93	mg/L(ppm)	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
<u>Aluminum (ppm)</u>	N	0.024	0-0.19	mg/L(ppm)	1	0.6	Erosion of natural deposits; residue from some surface water treatment processes
A	N	0.775 ug/L	0-6.2 ug/L	ug/L(ppb)	10 ug/L	0.004 ug/L	Erosion of natural deposits; runoff
Arsenic* (ppb)	N	0.775 dg/L	0 012 08/2				from orchards; glass and electronics production wastes
<u>Arsenic* (ppb)</u> Well <u>Meadow #1</u>	N Sample Date 9/15/2020	Result 6.2 ug/L	In Service Y/N	*While your does contain	low levels of	arsenic. The ars	ral and state standard for arsenic, it enic standard balances the current
Well	Sample Date	Result	In Service Y/N	*While your does contain understandin arsenic from to research tu cause cancer	low levels of ng of arsenic's drinking wat he health effe in humans at	arsenic. The ars possible health er. The U.S. Envi ects of low levels	production wastes ral and state standard for arsenic, it enic standard balances the current effects against the cost of removing ronmental Protection Agency continue of arsenic, which is a mineral known to ions and is linked to other health effect
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Well Meadow #1 *Some people who dri have an increased risk Disinfection Byproduc Total Trihalomethanes Total Haloacetic Acids REGULATED SECONDA Iron* *"Iron was found at lev and odor) and the stair Chloride	Sample Date 9/15/2020 9/15/2020 nk water containi of getting cancer ts (Trihalomethar N N N N N vels that exceed th ning of plumbing f	Result 6.2 ug/L 6.2 ug/L ing arsenic in ex- c- es/Haloacetic A 4.7 ND ITS 0.144 mg/L he secondary Mu ixtures (e.g., tub	In Service Y/N Y Y Creess of the MCL over Acids) 4.7 ND 0-0.41 mg/L CL of 0.3 mg/L. The i os and sinks) and clot	*While your of does contain understandin arsenic from to research ti cause cancer such as skin of many years m ug/L(ppb) ug/L(ppb) ug/L(ppb)	low levels of ag of arsenic's drinking wata he health effe in humans at damage and c ay experience 80 60 0.3 mg/L t to protect ye ning. The high	arsenic. The ars possible health er. The U.S. Envi octs of low levels high concentrat irculatory proble skin damage or N/A N/A N/A N/A	production wastes         ral and state standard for arsenic, it         enic standard balances the current         effects against the cost of removing         ronmental Protection Agency continue         of arsenic, which is a mineral known to         ions and is linked to other health effectors         circulatory system problems and may         Byproduct of drinking water         disinfection         Byproduct of drinking water         disinfection         Leaching from natural deposits;         industrial wastes         issant aesthetic effects (e.g., color, tasted         ue to leaching of natural deposits."         Runoff/leaching from natural         deposits; seawater influence
Well Meadow #1 *Some people who dri have an increased risk Disinfection Byproduc Total Trihalomethanes Total Haloacetic Acids REGULATED SECONDA Iron* *"Iron was found at lev and odor) and the stair Chloride Color	Sample Date 9/15/2020 9/15/2020 nk water containi of getting cancer ts (Trihalomethar N N N RY CONTAMINAN N vels that exceed th ing of plumbing f N	Result 6.2 ug/L 6.2 ug/L ing arsenic in ex- res/Haloacetic A 4.7 ND ITS 0.144 mg/L ne secondary Mu ixtures (e.g., tub 2.475 mg/L	In Service Y/N Y Y Cocess of the MCL over Acids) 4.7 ND 0-0.41 mg/L CL of 0.3 mg/L. The i ss and sinks) and clot 1.0-5.3 mg/L	*While your does contain understandin arsenic from to research ti cause cancer such as skin o many years m ug/L(ppb) ug/L(ppb) ug/L(ppb) mg/L(ppm) ron MCL was se hing while wash	low levels of ag of arsenic's drinking wata he health effe in humans at damage and c ay experience 80 60 0.3 mg/L t to protect yn ning. The high 500 mg/L	arsenic. The ars possible health er. The U.S. Envi octs of low levels high concentrat irculatory proble skin damage or N/A N/A N/A N/A N/A	production wastes         ral and state standard for arsenic, it         enic standard balances the current         effects against the cost of removing         ronmental Protection Agency continue         of arsenic, which is a mineral known to         ions and is linked to other health effectors         circulatory system problems and may         Byproduct of drinking water         disinfection         Byproduct of drinking water         disinfection         Leaching from natural deposits;         industrial wastes         issant aesthetic effects (e.g., color, tasted         ue to leaching of natural deposits."         Runoff/leaching from natural         deposits; seawater influence
Well Meadow #1 *Some people who dri have an increased risk Disinfection Byproduc Total Trihalomethanes Total Haloacetic Acids REGULATED SECONDA Iron* *"(Iron was found at lev and odor) and the stair Chloride Color Manganese	Sample Date 9/15/2020 nk water containi of getting cancer ts (Trihalomethar N N RY CONTAMINAN N rels that exceed th ing of plumbing f N N	Result 6.2 ug/L 6.2 ug/L 6.2 ug/L ing arsenic in ex- constraints es/Haloacetic A 4.7 ND ITS 0.144 mg/L ne secondary Ma ixtures (e.g., tub 2.475 mg/L 0.93 Units	In Service Y/N Y Y Cocess of the MCL over Acids) 4.7 ND 0-0.41 mg/L CL of 0.3 mg/L. The i as and sinks) and clot 1.0-5.3 mg/L 0-7.5 Units	*While your of does contain understandin arsenic from to research to cause cancer such as skin of many years m ug/L(ppb) ug/L(ppb) ug/L(ppb) mg/L(ppm) ron MCL was se hing while wash mg/L(ppm) Units Units	low levels of ag of arsenic's drinking watch he health effe in humans at damage and a ay experience 80 60 0.3 mg/L t to protect yo ning. The high 500 mg/L 15 Units	arsenic. The ars possible health er. The U.S. Envi tects of low levels high concentrate irculatory proble skin damage or N/A N/A N/A N/A N/A N/A N/A	production wastes         ral and state standard for arsenic, it         enic standard balances the current         effects against the cost of removing         ronmental Protection Agency continue         of arsenic, which is a mineral known to         ions and is linked to other health effectors         circulatory system problems and may         Byproduct of drinking water         disinfection         Byproduct of drinking water         disinfection         Leaching from natural deposits;         industrial wastes         saant aesthetic effects (e.g., color, tasted         ue to leaching of natural deposits."         Runoff/leaching from natural         deposits; seawater influence         Naturally occurring organic materia         Leaching from natural deposits
Well Meadow #1 *Some people who dri have an increased risk Disinfection Byproduc Total Trihalomethanes Total Haloacetic Acids REGULATED SECONDA Iron* *"Iron was found at lev	Sample Date 9/15/2020 9/15/2020 nk water containi of getting cancer ts (Trihalomethar N N RY CONTAMINAN N rels that exceed th ing of plumbing f N N N N N N N	Result 6.2 ug/L 6.2 ug/L ing arsenic in ex- res/Haloacetic A 4.7 ND ITS 0.144 mg/L ne secondary Mu ixtures (e.g., tub 2.475 mg/L 0.93 Units 14.75 ug/L	In Service Y/N Y Y Cocess of the MCL over Acids) 4.7 ND 0-0.41 mg/L CL of 0.3 mg/L. The i s and sinks) and clot 1.0-5.3 mg/L 0-7.5 Units 0-68 ug/L	*While your of does contain understandin arsenic from to research the cause cancer such as skin of many years manyears manyes manyes manyes manyes manyes manyes manyes manyes m	low levels of ag of arsenic's drinking watch he health effe in humans at damage and c ay experience 80 60 0.3 mg/L to protect yo hing. The high 500 mg/L 15 Units 50 ug/L	arsenic. The ars possible health er. The U.S. Envi tots of low levels high concentrat irculatory proble skin damage or N/A N/A N/A N/A N/A N/A N/A	production wastes         ral and state standard for arsenic, it         enic standard balances the current         effects against the cost of removing         ronmental Protection Agency continue         of arsenic, which is a mineral known to         ions and is linked to other health effectors         circulatory system problems and may         Byproduct of drinking water         disinfection         Byproduct of drinking water         disinfection         Leaching from natural deposits;         industrial wastes         usant aesthetic effects (e.g., color, tasted         ue to leaching of natural deposits."         Runoff/leaching from natural         deposits; seawater influence         Naturally occurring organic materia

Vanadium	N	0.7 ug/L	0-5.6 ug/L	ug/L(ppb)	N/A	N/A	Runoff/leaching from natural deposits
Zink	N	0.0825 mg/L	0-0.43 mg/L	mg/L(ppm)	5 mg/L	N/A	Runoff/leaching from natural deposits; industrial wastes

We on occasion need to purchase water from C.L.A.W.A., Crestline Lake Arrowhead Water Agency. Typically, we only purchase water for emergencies, (Fires, Broken Mains, Etc.). The following page is the Water Quality Data from C.L.A.W.A.

	CRESTL	NE-LAKE ARRO WATER QUAL			ENCY	,
TEST RESULTS				1 2020		
Contaminant	Average Level Detected	Range of Levels Detected	Units	MCL	PHG	Major Sources in Drinking Water
PRIMARY						
STANDARDS						
Total Trihalomethanes*	38.0*	24.6-68.6	ug/L	80	N/A	Byproduct of drinking water disinfection
Haloacetic Acids*	5.1*	0-9.0	ug/L	60	N/A	Byproduct of drinking water disinfection
INORGANIC						
CHEMICALS						
Fluoride (naturallyoccurring)	0.05	013	mg/L	2		Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizerand aluminum factories Runoff and leaching from fertilizer use; leaching from septic tanks and sewage;
Nitrate (as N)	0.15	062	mg/L	10		10 erosion of naturaldeposits
SECONDARY STANDARDS	0.13	0.02	116/2	10		
Chloride	65.56	56-85	mg/L	500	N/A	Runoff/leaching from natural deposits; seawater influence Runoff/leaching from natural deposits;
Sulfate	51	41-62	mg/L	500	N/A	industrialwastes
Total Dissolved Solids (TDS)	275	240-330	mg/L	1000	N/A	Erosion of natural deposits Soil Runoff
OTHER			0,		,	
CONSTITUENTS						
Sodium	59.44	49-71	mg/L	N/A	N/A	"Sodium" refers to the salt present in the waterand is generally naturally occurring "Hardness" is the sum of polyvalent cations present in the water, generally magnesium andcalcium. The cations are usually
Total Hardness	93.5	81-100	mg/L	N/A	N/A	naturally occurring.
Odor - Threshold	1	1-Jan	TON		N/A	Naturally occurring organic materials
Unregulated Contaminants***					.,	
Boron	153.13	0-200	ug/L	1000	N/A	Erosion of natural deposits
Vanadium	0	0-0	ug/L	50	N/A	Erosion of natural deposits

рН	8.2	7.9-8.4	UNIT	6.5-8.5	N/A	
pii	0.2	7.5-0.4	UNIT	0.5-0.5	11/1	

\*Total Trihalomethanes and Haloacetic Acids are reported as the Highest Locational Running Annual Average.

SAMPLING RESULTS SHOWING TREATMENT OF SURFACE WATER SOURCES						
Treatment Technique (a) (Type of approved filtration technology used)	Conventional Treatment with multimedia pressure filters					
Turbidity Performance Standards (b) (That must be met through the water treatment process)	<ul> <li>Turbidity of the filtered water must:</li> <li>1 – Be less than or equal to _0.3 NTU in 95% of measurements in a month.</li> <li>2 – Not exceed _1.0_ NTU for more than eight consecutive hours.</li> <li>3 – Not exceed _5.0_ NTU at any time.</li> </ul>					
Lowest monthly percentage of samples that met Turbidity Performance Standard No. 1.	100%					
Highest single turbidity measurement during the year	0.7 NTU					
Number of violations of any surface water treatment requirements	0					

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

(b) Turbidity (measured in NTU) is a measurement of the cloudiness of water and is a good indicator of water quality and filtration performance. Turbidity results which meet performance standards are considered to be in compliance with filtration requirements.