2019 Consumer Confidence Report

Water System Name: GLENWOOD MOBILE HOME PARK Report Date: May 2020

We test the drinking water quality for many constituents as required by state and federal regulations. This report shows the results of our monitoring for the period of January 1 - December 31, 2019.

Este informe contiene información muy importante sobre su agua potable. Tradúzcalo ó hable con alquien que lo entienda bien.

Type of water source(s) in use: This information is not available, please see the Drinking Water Source Assessment Information section located at the end of this report for more details.

Your water comes from 2 source(s): Well #2 and WELL #3

Opportunities for public participation in decisions that affect drinking water quality: Meetings are held on an as needed basis. Fliers are hand delivered to consumer announcing the meeting□s location, date, and time.

For more information about this report, or any questions relating to your drinking water, please call (209) 406 - 4236 and ask for Ali Aliasgar.

TERMS USED IN THIS REPORT

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

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the U.S. Environmental Protection Agency (USEPA).

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 Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

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

Secondary Drinking Water Standards (SDWS): MCLs for the contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWSs do not affect the health at the MCL levels.

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

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

Level 1 Assessment: A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment: A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

mg/L: milligrams per liter or parts per million (ppm)

ug/L: micrograms per liter or parts per billion (ppb)

NTU: Nephelometric Turbidity Units

umhos/cm: micro mhos per centimeter

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

Contaminants that may be present in source water include:

- *Microbial contaminants,* such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- *Inorganic contaminants,* such as salts and metals, that can be naturally-occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- *Pesticides and herbicides,* that may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- *Organic chemical contaminants,* including synthetic and volatile organic chemicals, that are by-products if 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, the USEPA and the State Water Resource Control Board (State Water Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. State Water Board regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Tables 1, 2, 3, 4, 5, 6 and 7 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. The presence of these contaminants in the water does not necessarily indicate that the water poses a health risk. The State Water Board allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently. Some of the data, though representative of the water quality, are more than one year old.

Any violation of MCL, AL or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

Table 1 - SAMPLING RESULTS SHOWING THE DETECTION OF COLIFORM BACTERIA

Microbiological Contaminants (complete if bacteria detected)	Highest No. of Detections	No. of Months in Violation	MCL	MCLG	Typical Sources of Contaminant
Total Coliform Bacteria	7/mo. (2019)	2	no more than 1 positive monthly sample	0	Naturally present in the environment.

Table 2 - SAMPLING RESULTS FOR SODIUM AND HARDNESS

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Sources of Contaminant
Sodium (mg/L)	(2019)	18	n/a	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2019)	36.4	n/a	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

Table 3 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Sources of Contaminant
Barium (mg/L)	(2019)	0.12	n/a	1	2	Discharge from oil drilling wastes and from metal refineries; erosion of natural deposits
Fluoride (mg/L)	(2019)	0.1	n/a	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.

Table 4 - DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD						
Chemical or Constituent (and reporting units)	**Sample Date**	**Average Level Detected**	**Range of Detections**	**MCL**	**PHG (MCLG)**	**Typical Sources of Contaminant**
Chloride (mg/L)	(2019)	6	n/a	500	n/a	Runoff/leaching from natural deposits; seawater influence
Color (Units)	(2019)	5	n/a	15	n/a	Naturally-occurring organic materials
Iron (ug/L)	(2019)	150	n/a	300	n/a	Leaching from natural deposits; Industrial wastes
Manganese (ug/L)	(2019)	130	n/a	50	n/a	Leaching from natural deposits
Odor Threshold at 60 °C (TON)	(2019)	4	n/a	3	n/a	Naturally-occurring organic materials.
Specific Conductance (umhos/cm)	(2019)	191	n/a	1600	n/a	Substances that form ions when in water; seawater influence
Total Dissolved Solids (mg/L)	(2019)	180	n/a	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2019)	0.1	n/a	5	n/a	Soil runoff

Table 5 - ADDITIONAL DETECTIONS					
Chemical or Constituent (and reporting units)	**Sample Date**	**Average Level Detected**	**Range of Detections**	**Notification Level**	**Typical Sources of Contaminant**
Calcium (mg/L)	(2019)	8	n/a	n/a	n/a
Magnesium (mg/L)	(2019)	4	n/a	n/a	n/a
pH (units)	(2019)	8	n/a	n/a	n/a
Alkalinity (mg/L)	(2019)	80	n/a	n/a	n/a
Aggressiveness Index	(2019)	11.2	n/a	n/a	n/a
Langelier Index	(2019)	-0.6	n/a	n/a	n/a

Table 6 - DETECTION OF DISINFECTANT/DISINFECTANT BYPRODUCT RULE							
Chemical or Constituent (and reporting units)	**Sample Date**	**Average Level Detected**	**Range of Detections**	**MCL (MRDL)**	**PHG (MCLG)**	**Violation**	**Typical Sources of Contaminant**
Chlorine (mg/L)	(2019)	0.00	n/a	4.0	4.0	No	Drinking water disinfectant added for treatment.

Additional General Information on Drinking Water

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts if 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 (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).

Lead Specific Language for Community Water Systems: 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 the service lines and home plumbing. *Glenwood Mobile Home Park* 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 http://www.epa.gov/lead.

Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement

VIOLATION OF A MCL,MRDL,AL,TT, OR MONITORING AND REPORTING REQUIREMENT				
Violation	**Explanation**	**Duration**	**Actions Taken To Correct the Violation**	**Health Effects Language**
Total Coliform Bacteria				Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments.
Manganese				Manganese was found at levels that exceed the secondary MCL. The Manganese MCL was set to protect you against unpleasant aesthetic affects such as color, taste, odor and the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCL does not pose a risk to public health.
Odor Threshold at 60 °C				Odor was found at levels that exceed the secondary MCL. The Odor MCL was set to protect you against unpleasant aesthetic affects such as color, taste, odor and the staining of plumbing fixtures (e.g., tubs and sinks), and clothing while washing. Violating this MCL does not pose a risk to public health.

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Drinking Water Assessment Information

Assessment Information
A Drinking Water Source Assessment for the Public Water Source WELL 03 of the GLENWOOD MOBILE HOME PARK water system, has not been completed.

Well #2 - does not have a completed assessment on file.
WELL #3 - does not have a completed assessment on file.

Discussion of Vulnerability
Assessment summaries are not available for some sources. This is because:
 The Assessment has not been completed. Contact the local Department of Health Services (DHS) Drinking Water field office or the water system to find out when the Assessment is scheduled to be done.
 The source is not active. It may be out of service, or new and not yet in service.
 The Assessment was not submitted electronically. The site used to obtain Assessments only provides access to Assessment summaries submitted electronically.

Acquiring Information
For more info you may visit http://swap.ice.ucdavis.edu/TSinfo/TSintro.asp or contact the health department in the county to which the water system belongs.

Glenwood Mobile Home Park

Analytical Results By FGL - 2019

MICROBIOLOGICAL CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Total Coliform Bacteria			0	5%	n/a			2	2 - 7.5
Space #14	STK1953709-1					2019-09-13	3.1		
Space #14 HB East Side	STK1957475-1					2019-12-03	Absent		
Space #14 HB East Side	STK1956824-1					2019-11-14	<1.0		
Space #14 HB East Side	STK1955648-2					2019-10-17	4.2		
Space #14 HB East Side	STK1955447-1					2019-10-16	7.5		
Space #14 HB East Side	STK1955447-2					2019-10-16	5.3		
Space #14 HB East Side	STK1953709-2					2019-09-13	2		
Space #14 HB East Side	STK1953573-1					2019-09-11	Present		
Space #14 HB East Side	STK1951071-1					2019-08-01	Absent		
Space #14 HB East Side	STK1939497-1					2019-07-01	Absent		
Space #14 HB East Side	STK1938126-1					2019-06-10	Absent		
Space #14 HB East Side	STK1936200-1					2019-05-06	Absent		
Space #14 HB East Side	STK1935072-1					2019-04-15	Absent		
Space #14 HB East Side	STK1933354-1					2019-03-08	Absent		
Space #14 HB East Side	STK1931655-1					2019-02-05	Absent		
Space #14 HB East Side	STK1930644-1					2019-01-14	Absent		
Space #14 HB East Side DUP	STK1956824-2					2019-11-14	<1.0		
Space #24	STK1956824-3					2019-11-14	<1.0		
Space #24 DUP	STK1956824-4					2019-11-14	<1.0		
Space #24 HB East Side	STK1955648-3					2019-10-17	4.2		
Space #24 HB East Side	STK1955447-3					2019-10-16	7.5		
Space #24 HB East Side	STK1955447-4					2019-10-16	5.3		
Space #24 HB East Side	STK1953709-3					2019-09-13	<1.0		
Space #5 HB South Side	STK1955648-1					2019-10-17	2		
Wellhead #3	STK1956824-5					2019-11-14	<1.0		

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		mg/L		none	none			18	18 - 18
Well #3	STK1953574-1	mg/L				2019-09-11	18		
Hardness		mg/L		none	none			36.4	36.4 - 36.4
Well #3	STK1953574-1	mg/L				2019-09-11	36.4		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Barium		mg/L	2	1	2			0.12	0.12 - 0.12
Well #3	STK1953574-1	mg/L				2019-09-11	0.12		
Fluoride		mg/L		2	1			0.1	0.1 - 0.1
Well #3	STK1953574-1	mg/L				2019-09-11	0.1		

SECONDARY DRINKING WATER STANDARDS (SDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		mg/L		500	n/a			6	6 - 6
Well #3	STK1953574-1	mg/L				2019-09-11	6		
Color		Units		15	n/a			5	5 - 5
Well #3	STK1953574-1	Units				2019-09-11	5		
Iron		ug/L		300	n/a			150	150 - 150
Well #3	STK1953574-1	ug/L				2019-09-11	150		
Manganese		ug/L		50	n/a			130	130 - 130

Well #3	STK1953574-1	ug/L				2019-09-11	130		
Odor Threshold at 60 °C		TON		3	n/a			4	4 - 4
Well #3	STK1953574-1	TON				2019-09-11	4		
Specific Conductance		umhos/cm		1600	n/a			191	191 - 191
Well #3	STK1953574-1	umhos/cm				2019-09-11	191		
Total Dissolved Solids		mg/L		1000	n/a			180	180 - 180
Well #3	STK1953574-1	mg/L				2019-09-11	180		
Turbidity		NTU		5	n/a			0.1	0.1 - 0.1
Well #3	STK1953574-1	NTU				2019-09-11	0.1		

ADDITIONAL DETECTIONS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Calcium		mg/L			n/a			8	8 - 8
Well #3	STK1953574-1	mg/L				2019-09-11	8		
Magnesium		mg/L			n/a			4	4 - 4
Well #3	STK1953574-1	mg/L				2019-09-11	4		
pH		units			n/a			8.0	8.0 - 8.0
Well #3	STK1953574-1	units				2019-09-11	8.0		
Alkalinity		mg/L			n/a			80	80 - 80
Well #3	STK1953574-1	mg/L				2019-09-11	80		
Aggressiveness Index					n/a			11.2	11.2 - 11.2
Well #3	STK1953574-1					2019-09-11	11.2		
Langelier Index					n/a			-0.6	-0.6 - -0.6
Well #3	STK1953574-1					2019-09-11	-0.6		

DETECTION OF DISINFECTANT/DISINFECTANT BYPRODUCT RULE

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chlorine		mg/L		4.0	4.0			0.00	ND -
WELL #3	STK1955648-4	mg/L				2019-10-17	ND		
WELL #3	STK1955447-5	mg/L				2019-10-16	ND		
WELL #3	STK1953709-4	mg/L				2019-09-13	ND		
Average WELL #3								0	
Wellhead #3	STK1956824-5	mg/L				2019-11-14	ND		
Average Wellhead #3								0	

Glenwood Mobile Home Park

CCR Login Linkage - 2019

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
Sp#2	STK1839200-1	2018-06-19	Metals, Total	Sp#2	Copper & Lead Monitoring
Sp#31	STK1839200-3	2018-06-19	Metals, Total	Sp#31	Copper & Lead Monitoring
Sp#34	STK1839200-5	2018-06-19	Metals, Total	Sp#34	Copper & Lead Monitoring
Sp#38	STK1839200-4	2018-06-19	Metals, Total	Sp#38	Copper & Lead Monitoring
Sp#6	STK1839200-2	2018-06-19	Metals, Total	Sp#6	Copper & Lead Monitoring
CuPb-ss07	STK1953709-1	2019-09-13	Coliform	Space #14	Copper & Lead Monitoring
Bacti-Rout-ss02	STK1930644-1	2019-01-14	Coliform	Space #14 HB East Side	Routine Bacteriological Monitoring
	STK1931655-1	2019-02-05	Coliform	Space #14 HB East Side	Routine Bacteriological Monitoring
	STK1933354-1	2019-03-08	Coliform	Space #14 HB East Side	Routine Bacteriological Monitoring
	STK1935072-1	2019-04-15	Coliform	Space #14 HB East Side	Routine Bacteriological Monitoring
	STK1936200-1	2019-05-06	Coliform	Space #14 HB East Side	Routine Bacteriological Monitoring
	STK1938126-1	2019-06-10	Coliform	Space #14 HB East Side	Routine Bacteriological Monitoring
	STK1939497-1	2019-07-01	Coliform	Space #14 HB East Side	Routine Bacteriological Monitoring
	STK1951071-1	2019-08-01	Coliform	Space #14 HB East Side	Routine Bacteriological Monitoring
	STK1953573-1	2019-09-11	Coliform	Space #14 HB East Side	Routine Bacteriological Monitoring
	STK1953709-2	2019-09-13	Coliform	Space #14 HB East Side	Routine Bacteriological Monitoring
	STK1955447-1	2019-10-16	Coliform	Space #14 HB East Side	Routine Bacteriological Monitoring
	STK1955447-2	2019-10-16	Coliform	Space #14 HB East Side	Routine Bacteriological Monitoring
	STK1955648-2	2019-10-17	Coliform	Space #14 HB East Side	Routine Bacteriological Monitoring
	STK1956824-1	2019-11-14	Coliform	Space #14 HB East Side	Routine Bacteriological Monitoring
	STK1957475-1	2019-12-03	Coliform	Space #14 HB East Side	Routine Bacteriological Monitoring
Space #14 HB Ea	STK1956824-2	2019-11-14	Coliform	Space #14 HB East Side DUP	Routine Bacteriological Monitoring
Space #24	STK1956824-3	2019-11-14	Coliform	Space #24	Routine Bacteriological Monitoring
	STK1956824-4	2019-11-14	Coliform	Space #24 DUP	Routine Bacteriological Monitoring
Bacti-Rout-ss03	STK1953709-3	2019-09-13	Coliform	Space #24 HB East Side	Routine Bacteriological Monitoring
	STK1955447-3	2019-10-16	Coliform	Space #24 HB East Side	Routine Bacteriological Monitoring
	STK1955447-4	2019-10-16	Coliform	Space #24 HB East Side	Routine Bacteriological Monitoring
	STK1955648-3	2019-10-17	Coliform	Space #24 HB East Side	Routine Bacteriological Monitoring
Bacti-Rout-ss02	STK1955648-1	2019-10-17	Coliform	Space #5 HB South Side	Routine Bacteriological Monitoring
WELL 03	STK1953574-1	2019-09-11	Metals, Total	Well #3	Well 3 - Water Quality
	STK1953574-1	2019-09-11	Wet Chemistry	Well #3	Well 3 - Water Quality
	STK1953574-1	2019-09-11	General Mineral	Well #3	Well 3 - Water Quality
	STK1953709-4	2019-09-13	Field Test	WELL #3	GLENWOOD MOBILE HOME PARK
	STK1955447-5	2019-10-16	Field Test	WELL #3	GLENWOOD MOBILE HOME PARK
	STK1955648-4	2019-10-17	Field Test	WELL #3	GLENWOOD MOBILE HOME PARK
Wellhead #3	STK1956824-5	2019-11-14	Coliform	Wellhead #3	Routine Bacteriological Monitoring
	STK1956824-5	2019-11-14	Field Test	Wellhead #3	Routine Bacteriological Monitoring