

# Consumer Confidence Report Certification Form

(to be submitted with a copy of the CCR)

(to certify electronic delivery of the CCR, use the certification form on the State Water Board's website at  
[http://www.swrcb.ca.gov/drinking\\_water/certlic/drinkingwater/CCR.shtml](http://www.swrcb.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml))

Water System Name:	<b>DEER MEADOW MUTUAL</b>
Water System Number:	<b>5401026</b>

The water system named above hereby certifies that its Consumer Confidence Report was distributed on \_\_\_\_\_ (date) to customers (and appropriate notices of availability have been given). Further, the system certifies that the information contained in the report is correct and consistent with the compliance monitoring data previously submitted to the State Water Resources Control Board, Division of Drinking Water.

Certified By:	Name:	Erin Vincent	
	Signature:	<i>Erin Vincent</i>	
	Title:	Water Systems Operator	
	Phone Number:	( 559-786-8007	Date: 6/30/2021

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

☒ CCR was distributed by mail or other direct delivery methods. Specify other direct delivery methods used:  
Mailed

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

- ☐ Posted the CCR on the internet at <http://> \_\_\_\_\_
- ☒ Mailed the CCR to postal patrons within the service area (attach zip codes used)
- ☐ Advertised the availability of the CCR in news media (attach a copy of press release)
- ☐ Publication of the CCR in a local newspaper of general circulation (attach a copy of the published notice, including name of the newspaper and date published)
- ☐ Posted the CCR in public places (attach a list of locations)
- ☐ Delivery of multiple copies of CCR to single bill addresses serving several persons, such as apartments, businesses, and schools
- ☐ Delivery to community organizations (attach a list of organizations)
- ☐ Other (attach a list of other methods used)

☐ For systems serving at least 100,000 persons: Posted CCR on a publicly-accessible internet site at the following address: <http://> \_\_\_\_\_

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

# 2020 Consumer Confidence Report

Water System Name: DEER MEADOW MUTUAL

Report Date: May 2021

*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, 2020.*

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

**Type of water source(s) in use:** According to SWRCB records, this Source is Groundwater. This Assessment was done using the Default Groundwater System Method.

**Your water comes from 1 source(s):** Well 01

**Opportunities for public participation in decisions that affect drinking water quality:** Regularly-scheduled water board or city/county council meetings currently are not held.

For more information about this report, or any questions relating to your drinking water, please call 5594715097 and ask for Julie Doctor.

## 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)

**pCi/L:** picocuries per liter (a measure of radiation)

**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 of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- *Radioactive contaminants*, that can be naturally-occurring or be the result of oil and gas production and mining activities.

**In order to ensure that tap water is safe to drink**, 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, 7 and 8 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.

<b>Table 1 - SAMPLING RESULTS SHOWING THE DETECTION OF COLIFORM BACTERIA</b>					
<b>Microbiological Contaminants</b> (complete if bacteria detected)	<b>Highest No. of Detections</b>	<b>No. of Months in Violation</b>	<b>MCL</b>	<b>MCLG</b>	<b>Typical Sources of Contaminant</b>
Total Coliform Bacteria	1/mo. (2020)	0	no more than 1 positive monthly sample	0	Naturally present in the environment.

<b>Table 2 - SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER</b>							
<b>Lead and Copper</b> (complete if lead or copper detected in last sample set)	<b>Sample Date</b>	<b>No. of Samples</b>	<b>90th percentile level detected</b>	<b>No. Sites Exceeding AL</b>	<b>AL</b>	<b>PHG</b>	<b>Typical Sources of Contaminant</b>
Copper (mg/L)	(2020)	5	0.03	0	1.3	.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

<b>Table 3 - SAMPLING RESULTS FOR SODIUM AND HARDNESS</b>						
<b>Chemical or Constituent</b> (and reporting units)	<b>Sample Date</b>	<b>Average Level Detected</b>	<b>Range of Detections</b>	<b>MCL</b>	<b>PHG (MCLG)</b>	<b>Typical Sources of Contaminant</b>
Sodium (mg/L)	(2019)	54	n/a	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2019)	227	n/a	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

Table 4 - 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
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.
Gross Alpha (pCi/L)	(2016)	2.15	n/a	15	(0)	Erosion of natural deposits.

Table 5 - 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)	97	n/a	500	n/a	Runoff/leaching from natural deposits; seawater influence
Manganese (ug/L)	(2020)	140	n/a	50	n/a	Leaching from natural deposits
Odor Threshold at 60 °C (TON)	(2019)	128	n/a	3	n/a	Naturally-occurring organic materials.
Specific Conductance (umhos/cm)	(2019)	688	n/a	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (mg/L)	(2019)	13	n/a	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (mg/L)	(2019)	410	n/a	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2019)	0.2	n/a	5	n/a	Soil runoff

Table 6 - DETECTION OF UNREGULATED CONTAMINANTS					
Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	Notification Level	Typical Sources of Contaminant
Boron (mg/L)	(2019)	0.3	n/a	1	Boron exposures resulted in decreased fetal weight (developmental effects) in newborn rats.

Table 7 - 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)	81	n/a	n/a	n/a
Magnesium (mg/L)	(2019)	6	n/a	n/a	n/a
pH (units)	(2019)	6.6	n/a	n/a	n/a
Alkalinity (mg/L)	(2019)	170	n/a	n/a	n/a
Aggressiveness Index	(2019)	11.1	n/a	n/a	n/a
Langelier Index	(2019)	-0.7	n/a	n/a	n/a

Table 8 - 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
Total Trihalomethanes (TTHMs) (ug/L)	(2019)	8	n/a	80	n/a	No	By-product of drinking water disinfection
Haloacetic Acids (five) (ug/L)	(2019)	1	n/a	60	n/a	No	By-product of drinking water disinfection

## Additional General Information on Drinking Water

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 (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. *Deer Meadow MWC* 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.

## 2020 Consumer Confidence Report

### Drinking Water Assessment Information

#### Assessment Information

A source water assessment was conducted for the WELL 01 of the DEER MEADOW MUTUAL water system in July, 2002.

Well 01 - is considered most vulnerable to the following activities not associated with any detected contaminants:  
 Septic systems - high density [>1/acre]

#### Discussion of Vulnerability

The activity to which the Deer Meadow Mutual Water Company is most vulnerable is septic systems.

It is important that septic systems be kept in good repair and pumped regularly. It is also necessary to keep the well site

clean and free of weeds and debris to prevent contamination. The cement surface seal needs to be checked for cracks and immediately repaired or sealed.

#### Acquiring Information

A copy of the complete assessment may be viewed at:

Environmental Health Services  
 5957 S Mooney Blvd  
 Visalia, CA 93277

You may request a summary of the assessment be sent to you by contacting:

Susan Shaw  
 Environmental Health Specialist  
 559-733-6441  
 559-733-6932 (fax)  
[sshaw@tularehhsa.org](mailto:sshaw@tularehhsa.org)

# Deer Meadow MWC

## Analytical Results By FGL - 2020

MICROBIOLOGICAL CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Total Coliform Bacteria</b>			0	5%	n/a			0	-
40992 Meadow Drive H/B	VI 2041689-4					2020-03-06	<1.0		
40999 Cherokee Oaks	VI 2049414-1					2020-12-01	Absent		
40999 Cherokee Oaks	VI 2048625-1					2020-11-03	Absent		
40999 Cherokee Oaks	VI 2046771-1					2020-09-01	Absent		
40999 Cherokee Oaks	VI 2045925-1					2020-08-03	Absent		
40999 Cherokee Oaks	VI 2045150-2					2020-07-07	Absent		
40999 Cherokee Oaks	VI 2044060-1					2020-06-02	Absent		
40999 Cherokee Oaks	VI 2043585-1					2020-05-19	Absent		
40999 Cherokee Oaks	VI 2041669-1					2020-03-04	Present		
40999 Cherokee Oaks	VI 2040896-1					2020-02-06	Absent		
40999 Cherokee Oaks	VI 2040168-1					2020-01-10	Absent		
40999 Meadow Drive H/B	VI 2047794-1					2020-10-07	Absent		
40999 Meadow Drive H/B	VI 2041689-3					2020-03-06	<1.0		
41032 Meadow H/B	VI 2042267-2					2020-04-01	Absent		
41032 Meadow H/B	VI 2041689-2					2020-03-06	<1.0		
Well Tap	VI 2045299-1					2020-07-13	<1.0		
Well Tap	VI 2041689-1					2020-03-06	<1.0		

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
<b>Copper</b>		mg/L		1.3	.3			0.03	5
41020 Meadow Dr.	VI 2046109-5	mg/L				2020-08-10	ND		
41025 Meadow Dr.	VI 2046109-4	mg/L				2020-08-03	ND		
41046 Meadow Dr.	VI 2046109-3	mg/L				2020-08-10	ND		
41053 Meadow Dr.	VI 2046109-2	mg/L				2020-08-09	0.06		
41075 Meadow Dr.	VI 2046109-1	mg/L				2020-08-02	ND		

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Sodium</b>		mg/L		none	none			54	54 - 54
Well 01	VI 1942752-1	mg/L				2019-06-10	54		
<b>Hardness</b>		mg/L		none	none			227	227 - 227
Well 01	VI 1942752-1	mg/L				2019-06-10	227		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Fluoride</b>		mg/L		2	1			0.1	0.1 - 0.1
Well 01	VI 1942752-1	mg/L				2019-06-10	0.1		
<b>Gross Alpha</b>		pCi/L		15	(0)			2.15	2.15 - 2.15
Well 01	VI 1640433-1	pCi/L				2016-02-12	2.15		

SECONDARY DRINKING WATER STANDARDS (SDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Chloride</b>		mg/L		500	n/a			97	97 - 97
Well 01	VI 1942752-1	mg/L				2019-06-10	97		
<b>Manganese</b>		ug/L		50	n/a			140	140 - 140
Well 01	VI 2041081-1	ug/L				2020-02-14	140		
<b>Odor Threshold at 60 °C</b>		TON		3	n/a			128	128 - 128

[illegible]



# Deer Meadow MWC

## CCR Login Linkage - 2020

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
40992 MEADOW	VI 2041689-4	2020-03-06	Coliform	40992 Meadow Drive H/B	Repeats
40999 CHEROKEE	VI 2040168-1	2020-01-10	Coliform	40999 Cherokee Oaks	Routine Water Monitoring
	VI 2040896-1	2020-02-06	Coliform	40999 Cherokee Oaks	Routine Water Monitoring
	VI 2041669-1	2020-03-04	Coliform	40999 Cherokee Oaks	Routine Water Monitoring
	VI 2043585-1	2020-05-19	Coliform	40999 Cherokee Oaks	Routine Water Monitoring
	VI 2044060-1	2020-06-02	Coliform	40999 Cherokee Oaks	Routine Water Monitoring
	VI 2045150-2	2020-07-07	Coliform	40999 Cherokee Oaks	DEER MEADOW MUTUAL
	VI 2045925-1	2020-08-03	Coliform	40999 Cherokee Oaks	Routine Water Monitoring
	VI 2046771-1	2020-09-01	Coliform	40999 Cherokee Oaks	Routine Water Monitoring
	VI 2048625-1	2020-11-03	Coliform	40999 Cherokee Oaks	Routine Water Monitoring
	VI 2049414-1	2020-12-01	Coliform	40999 Cherokee Oaks	Routine Water Monitoring
40999 MEADOW DR	VI 2041689-3	2020-03-06	Coliform	40999 Meadow Drive H/B	Repeats
	VI 2047794-1	2020-10-07	Coliform	40999 Meadow Drive H/B	Drinking Water Monitoring
41020 Meadow Dr	VI 2046109-5	2020-08-10	Metals, Total	41020 Meadow Dr.	Lead & Copper Monitoring
41025 Meadow Dr	VI 2046109-4	2020-08-03	Metals, Total	41025 Meadow Dr.	Lead & Copper Monitoring
41032 MEADOW	VI 2041689-2	2020-03-06	Coliform	41032 Meadow H/B	Repeats
	VI 2042267-2	2020-04-01	Coliform	41032 Meadow H/B	Drinking Water Monitoring
41046 Meadow Dr	VI 2046109-3	2020-08-10	Metals, Total	41046 Meadow Dr.	Lead & Copper Monitoring
41053 Meadow Dr	VI 2046109-2	2020-08-09	Metals, Total	41053 Meadow Dr.	Lead & Copper Monitoring
41075 Meadow Dr	VI 2046109-1	2020-08-02	Metals, Total	41075 Meadow Dr.	Lead & Copper Monitoring
DBP2 ST2S1	VI 1942751-1	2019-06-10	EPA 552.2	ST2S1 - 40999 MEADOW DR (LOT 1	Routine Water Monitoring
	VI 1942751-1	2019-06-10	EPA 551.1	ST2S1 - 40999 MEADOW DR (LOT 1	Routine Water Monitoring
STW-1	VI 1640433-1	2016-02-12	Radio Chemistry	Well 01	Water Quality Monitoring
	VI 1942752-1	2019-06-10	General Mineral	Well 01	DEER MEADOW MUTUAL
	VI 1942752-1	2019-06-10	Wet Chemistry	Well 01	DEER MEADOW MUTUAL
	VI 2041081-1	2020-02-14	Metals, Total	Well 01	DEER MEADOW MUTUAL
WELL TAP	VI 2041689-1	2020-03-06	Coliform	Well Tap	Repeats
	VI 2045299-1	2020-07-13	Coliform	Well Tap	Drinking Water Monitoring