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 Board's website at http://www.swrcb.ca.gov/drinking_water/certlic/drinkingwater/CCR.shtml)

Water System Name:		Vista del 7	Toro Mutual Water C	ompany				
Water	System	n Number:	270-0799					
June certif	06, 20 fies that toring	19, to custon at the inform	ners (and ap	propriate notices of a ained in the report	availability have been is correct and cons	ce Report was distributed on a given). Further, the system sistent with the compliance Board, Division of Drinking		
Certi	fied by	: Name	: :	Paul Uhrich				
		Signa	ture:	Pae a				
		Title:		System Representa	ıtive			
		Phone	e Number:	(831) 596-2138	Da	te: June 18, 2019		
X		was distribuds used:	uted by ma	il or other direct de	elivery methods. Sp	pecify other direct delivery		
			orts were us	ed to reach non-bill	paying consumers.	Those efforts included the		
	follo	wing method	ds:					
				e Internet at www				
	님	_	-		ne service area (attach			
		Publication	of the CC	R in a local newspa	news media (attach co aper of general circu aper and date publishe	lation (attach a copy of the		
		Posted the	CCR in pub	lic places (attach a li	st of locations)			
				opies of CCR to sing ses, and schools	gle-billed addresses s	erving several persons, such		
			•	•	h a list of organization	ons)		
		Other (attac	ch a list of o	ther methods used)				
					sted CCR on a public	ely-accessible internet site at		
	For in	westor-owne	ed utilities:	Delivered the CCR to	the California Publi	ic Utilities Commission		

This form is provided as a convenience for use to meet the certification requirement of the California Code of Regulations, section 64483(c).

2018 Consumer Confidence Report

Water System Name:	Vista del Toro Mutual Water Company	Report Date: June 03, 2019
		red by state and federal regulations. This report shows that 1, 2018 and may include earlier monitoring data.
Type of water source(s) in use: Well	
Name & general location	on of source(s): Well #2; Corner of Corra	l de Tierra Road and Vista del Toro Place
Drinking Water Source	Assessment information: Assessment co	empleted June 2002. For a copy of the assessment, use
the contact information	n below. The source is considered most vulne	rable to the following activities not associated
with any detected conta	aminants: Septic Systems – low density.	
Time and place of regu	larly scheduled board meetings for public par	ticipation: All Vista del Toro Property Owners
Association meetings a	nd all Vista del Toro Executive meetings.	
For more information,	contact: Paul Uhrich	Phone: (831) 596-2138

TERMS USED IN THIS REPORT

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 economically and technologically feasible. 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 (U.S. EPA).

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 contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Secondary Drinking Water Standards (SDWS): 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.

Variances and Exemptions: Permissions from the State Water Resources Control Board (State Board) to exceed an MCL or not comply with a treatment technique under certain conditions.

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.

ND: not detectable at testing limit

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

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

ppt: parts per trillion or nanograms per liter (ng/L)

ppq: parts per quadrillion or picogram per liter (pg/L)

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

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 byproducts 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 U.S. EPA and the 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.

Tables 1, 2, 3, 4, 5, and 6 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 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 an AL, MCL, MRDL, or TT is asterisked. 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 Source of Bacteria				
Total Coliform Bacteria (state Total Coliform Rule)	(In a month) 0	0	1 positive monthly sample	0	Naturally present in the environment				
Fecal Coliform or <i>E. coli</i> (state Total Coliform Rule)	(In the year) 0	0	A routine sample and a repeat sample are total coliform positive, and one of these is also fecal coliform or <i>E. coli</i> positive		Human and animal fecal waste				
E. coli (federal Revised Total Coliform Rule)	(In the year)	0	(a)	0	Human and animal fecal waste				

(a) Routine and repeat samples are total coliform-positive and either is *E. coli*-positive or system fails to take repeat samples following *E. coli*-positive routine sample or system fails to analyze total coliform-positive repeat sample for *E. coli*.

TABLE	TABLE 2 – SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER										
Lead and Copper (complete if lead or copper detected in the last sample set)	Sample Date	No. of Samples Collected	90 th Percentile Level Detected	No. Sites Exceeding AL	AL	PHG	No. of Schools Requesting Lead Sampling	Typical Source of Contaminant			
Lead (ppb)	10-19-18	5	.00575	0	15	0.2	0	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits			
Copper (ppm)	10-19-18	5	.4285	0	1.3	0.3	Not applicable	Internal corrosion of household plumbing systems; erosion of natural deposits: leaching from wood preservatives			

TABLE 3 – SAMPLING RESULTS FOR SODIUM AND HARDNESS								
Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant		
Sodium (ppm)	02-24-16	157.2		None	None	Salt present in the water and is generally naturally occurring		
Hardness (ppm)	02-24-16	530.6		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)	Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant			

Arsenic (ppb)	10-19-18	16.525*	12.9 - 21.2*	10	0.004	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes.			
Cadmium (ppb)	10-19-18	10.55*	4.2 – 16*	5	0.04	Internal corrosion of galvanized pipes; erosion of natural deposits; discharge from electroplating and industrial chemical factories, and metal refineries; runoff from waste batteries and paints.			
TABLE 5 – DET	TABLE 5 – DETECTION OF CONTAMINANTS WITH A <u>SECONDARY</u> DRINKING WATER STANDARD								
Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	SMCL	PHG (MCLG)	Typical Source of Contaminant			
Iron (ppb)	02-24-16	713*		300	NA	Runoff/leaching from natural deposits; industrial wastes.			
Manganese (ppb)	02-24-16	480*		50	NA	Leaching from natural deposits.			
TABLE 6 – DETECTION OF UNREGULATED CONTAMINANTS									
Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level		Health Effects Language			

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 U.S. EPA'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. 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 (1-800-426-4791).

Lead-Specific Language: 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. Vista del Toro Mutual Water Co 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 (1-800-426-4791) or at http://www.epa.gov/lead.

- *Arsenic: Some people who drink water containing arsenic in excess of the MCL over many years may experience skin damage or problems with their circulatory system, and may have an increased risk of getting cancer.
- *Cadmium: Some people who drink water containing cadmium in excess of the MCL over many years may experience kidney damage.
- *Iron: The iron MCL was set to protect you against unpleasant aesthetic effects (e.g., color, taste, and odor) and the staining of plumbing fixtures (e.g., tubs and sinks) and clothing while washing. The high iron levels are due to leaching of natural deposits.
- *Manganese: The notification level for manganese is used to protect consumers from neurological effects. High levels of manganese in people have been shown to result in effects of the nervous system.

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

Violation	Explanation	Duration	Actions Taken to Correct the Violation	Health Effects Language
*Arsenic	The arsenic limit is 10 (ppb), on 10-19-18, the arsenic level detected was 21.2 (ppb).	2001 to Present	A new water source is under development.	Some people who drink water containing arsenic in excess of the MCL over many years could experience skin damage or problems with their circulatory system, and may have an increased risk of getting cancer.
*Cadmium	The cadmium limit is 5 (ppb), on 10-19-18, the cadmium level detected was 15.0 (ppb).	2003 to Present	A new water source is under development.	Some people who drink water containing cadmium in excess of the MCL over many years may experience kidney damage.
*Iron	The Iron limit is 300 (ppb), on 02-24-16, the Iron level detected was 713 (ppb).	2003 to Present	A new water source is under development.	The iron MCL was set to protect you against unpleasant aesthetic effects (e.g., color, taste, and odor) and the staining of plumbing fixtures (e.g., tubs and sinks) and clothing while washing. The high iron levels are due to leaching of natural deposits.
*Manganese	The manganese limit is 50 (ppb), on 02-24-16, the manganese level detected was 480 (ppb).	1990 to Present	A new water source is under development.	The notification level for manganese is used to protect consumers from neurological effects. High levels of manganese in people have been shown to result in effects of the nervous system.

For Water Systems Providing Groundwater as a Source of Drinking Water

TABLE 7 – SAMPLING RESULTS SHOWING FECAL INDICATOR-POSITIVE GROUNDWATER SOURCE SAMPLES									
Microbiological Contaminants (complete if fecal-indicator detected) Total No. of Detections Detections Detections Total No. of Detections MCL (MCLG) [MRDL] Typical Source of Contaminant									
E. coli	(In the year)		0	(0)	Human and animal fecal waste				
	N/A	N/A							
Enterococci	(In the year)		TT	N/A	Human and animal fecal waste				
	N/A	N/A							
Coliphage	(In the year)		TT	N/A	Human and animal fecal waste				
	N/A	N/A							

Summary Information for Fecal Indicator-Positive Groundwater Source Samples, Uncorrected Significant Deficiencies, or Groundwater TT

SPECIAL NOTICE OF FECAL INDICATOR-POSITIVE GROUNDWATER SOURCE SAMPLE N/A SPECIAL NOTICE FOR UNCORRECTED SIGNIFICANT DEFICIENCIES

All users of the Vista del Toro Mutual Water Company remain on a bottled water order. The system is over the Maximum Contaminant Level (MCL) for both Arsenic and Cadmium. A replacement well (new source) has been drilled. Our new well is an artesian well. Water flows out of the ground at a rate of 8 to 10 gallons a minute without a pump in it. Salinas Pump is in the process of finishing installation and getting County approval to hook up the new well to our system.

	VIOLATION OF GROUNDWATER TT									
TT Violation	Explanation	Duration	Actions Taken to Correct the Violation	Health Effects Language						
N/A	N/A	N/A	N/A	N/A						