2014 Consumer Confidence Report

Water System Name: SIETE ROBLES MUTUAL WATER CO Report Date: June 2015

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, 2014.

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: According to DHS records, this Source is Groundwater. This Assessment was done using the Default Groundwater System Method.

Your water comes from 1 source(s): Well 04

Opportunities for public participation in decisions that affect drinking water quality: Opportunities for public participation in decisions that affect drinking water quality: Please contact Bob McDonald to learn if regularly-scheduled water board or city/county council meetings are held.

For more information about this report, or any questions relating to your drinking water, please call (805) 640 - 5147 and ask for Bob McDonald.

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 mush follow.

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)

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 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 California Department of Public Health (Department) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Department regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Tables 1, 2, 3, 4 and 5 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 Department 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 LEAD AND COPPER

Lead and Copper (complete if lead or copper detected in last sample set)	**Sample Date**	**90th percentile level detected**	**No. Sites Exceeding AL**	**AL**	**PHG**	**Typical Sources of Contaminant**
Lead (ppb)	6 (2014)	6.1	1	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers, erosion of natural deposits
Copper (ppm)	6 (2014)	0.17	0	1.3	.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

Table 2 - SAMPLING RESULTS FOR SODIUM AND HARDNESS

Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**MCL**	**PHG (MCLG)**	**Typical Sources of Contaminant**
Sodium (ppm)	(2013)	53	N/A	none	none	Salt present in the water and is generally naturally occurring
Hardness (ppm)	(2013)	370	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**	**Level Detected**	**Range of Detections**	**MCL [MRDL]**	**PHG (MCLG) [MRDLG]**	**Typical Sources of Contaminant**
Fluoride (ppm)	(2013)	0.4	N/A	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.

Nitrate (ppm)	(2014)	25.5	20.3 - 29.0	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrate + Nitrite as N (ppm)	(2013)	4.8	N/A	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2007 - 2013)	2.22	1.28 - 3.44	15	(0)	Erosion of natural deposits.

Table 4 - DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**MCL**	**PHG (MCLG)**	**Typical Sources of Contaminant**
Chloride (ppm)	(2013)	16	N/A	500	n/a	Runoff/leaching from natural deposits; seawater influence
Iron (ppb)	(2014)	ND	ND - 130	300	n/a	Leaching from natural deposits; Industrial wastes
Specific Conductance (umhos/cm)	(2013)	882	N/A	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (ppm)	(2013)	205	N/A	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (ppm)	(2013)	580	N/A	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2013)	0.3	N/A	5	n/a	Soil runoff
Zinc (ppm)	(2013)	0.22	N/A	5	n/a	Runoff/leaching from natural deposits

Table 5 - DETECTION OF FEDERAL DISINFECTANT/DISINFECTANT BYPRODUCT RULE

Chemical or Constituent (and reporting units)	**Sample Date**	**Level Detected**	**Range of Detections**	**MCL (MRDL)**	**PHG (MCLG)**	**Typical Sources of Contaminant**
Total Trihalomethanes (TTHMs) (ppb)	(2014)	9	7.1 - 10.9	80	n/a	By-product of drinking water disinfection
Haloacetic Acids (five) (ppb)	(2014)	2	1 - 2	60	n/a	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 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. *Siete Robles 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 or at http://www.epa.gov/safewater/lead.

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

About our Lead: 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.

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Drinking Water Assessment Information

Assessment Information
A source water assessment was conducted for the WELL 04 of the SIETE ROBLES MUTUAL WATER CO water system in March, 2003.

Well 04 - is considered most vulnerable to the following activities not associated with any detected contaminants:
Septic systems - high density [>1/acre]

Discussion of Vulnerability
Because there are no detected contaminants, use this language or similar: "There have been no contaminants detected in the water supply, however the source is still considered vulnerable to activities located near the drinking water source."

Acquiring Information
A copy of the complete assessment may be viewed at:
SWRCB Division of Drinking Water
1180 Eugenia Place
Suite 200
Carpinteria, CA 93013

You may request a summary of the assessment be sent to you by contacting:
Jeff Densmore
District Engineer
805 566 1326

Siete Robles Water Co.

Analytical Results By FGL - 2014

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Lead		ppb	0	15	0.2			6.1	4
215 Avenida del Recreo	SP 1408109-4	ppb				2014-07-17	ND		
276 Avenida de la Vereda	SP 1410821-1	ppb				2014-09-19	ND		
276 Avenida del Recreo	SP 1408109-1	ppb				2014-07-17	5.3		
322 Avenida del Recreo	SP 1408109-3	ppb				2014-07-17	23.0		
450 Avenida de la Vereda	SP 1408109-2	ppb				2014-07-17	ND		
514 Avenida del Recreo	SP 1408109-5	ppb				2014-07-17	6.1		
Copper		ppm		1.3	.3			0.17	6
215 Avenida del Recreo	SP 1408109-4	ppm				2014-07-17	ND		
276 Avenida de la Vereda	SP 1410821-1	ppm				2014-09-19	0.05		
276 Avenida del Recreo	SP 1408109-1	ppm				2014-07-17	0.14		
322 Avenida del Recreo	SP 1408109-3	ppm				2014-07-17	0.05		
450 Avenida de la Vereda	SP 1408109-2	ppm				2014-07-17	0.17		
514 Avenida del Recreo	SP 1408109-5	ppm				2014-07-17	0.41		

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		ppm		none	none			53	53 - 53
Well 04 - Raw	SP 1303595-1	ppm				2013-04-09	53		
Hardness		ppm		none	none			370	370 - 370
Well 04 - Raw	SP 1303595-1	ppm				2013-04-09	370		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Fluoride		ppm		2	1			0.4	0.4 - 0.4
Well 04 - Raw	SP 1303595-1	ppm				2013-04-09	0.4		
Nitrate		ppm		45	45			25.5	20.3 - 29.0
Well 04	SP 1404139-1	ppm				2014-04-10	29.0		
Well 04 - Raw	SP 1411786-1	ppm				2014-10-09	28.1		
Well 04 - Raw	SP 1407744-1	ppm				2014-07-08	24.4		
Well 04 - Raw	SP 1400512-1	ppm				2014-01-16	20.3		
Nitrate + Nitrite as N		ppm		10	10			4.8	4.8 - 4.8
Well 04 - Raw	SP 1303595-1	ppm				2013-04-09	4.8		
Gross Alpha		pCi/L		15	(0)			2.22	1.28 - 3.44
Well 04	SP 1310585-1	pCi/L				2013-10-08	1.70		
Well 04 - Raw	SP 0714025-1	pCi/L				2007-12-18	3.44		
Well 04 - Raw	SP 0710379-1	pCi/L				2007-09-18	1.28		
Well 04 - Raw	SP 0706601-1	pCi/L				2007-06-12	2.47		
Well 04 - Raw	SP 0702609-1	pCi/L				2007-03-13	2.20		

SECONDARY DRINKING WATER STANDARDS (SDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		ppm		500	n/a			16	16 - 16
Well 04 - Raw	SP 1303595-1	ppm				2013-04-09	16		
Iron		ppb		300	n/a			ND	ND - 130
Well 04 - Trt Fe & Mn TP, CL2	SP 1414473-2	ppb				2014-12-11	ND		
Well 04 - Trt Fe & Mn TP, CL2	SP 1413673-2	ppb				2014-11-21	ND		
Well 04 - Trt Fe & Mn TP, CL2	SP 1411785-2	ppb				2014-10-09	ND		
Well 04 - Trt Fe & Mn TP, CL2	SP 1410656-2	ppb				2014-09-16	ND		
Well 04 - Trt Fe & Mn TP, CL2	SP 1409576-2	ppb				2014-08-21	ND		

Well 04 - Trt Fe & Mn TP, CL2	SP 1407737-2	ppb				2014-07-08	ND		
Well 04 - Trt Fe & Mn TP, CL2	SP 1406808-2	ppb				2014-06-13	ND		
Well 04 - Trt Fe & Mn TP, CL2	SP 1405583-2	ppb				2014-05-15	130		
Well 04 - Trt Fe & Mn TP, CL2	SP 1404134-2	ppb				2014-04-10	ND		
Well 04 - Trt Fe & Mn TP, CL2	SP 1403372-2	ppb				2014-03-24	ND		
Well 04 - Trt Fe & Mn TP, CL2	SP 1401874-2	ppb				2014-02-18	100		
Well 04 - Trt Fe & Mn TP, CL2	SP 1400549-2	ppb				2014-01-16	ND		
Specific Conductance		umhos/cm		1600	n/a			882	882 - 882
Well 04 - Raw	SP 1303595-1	umhos/cm				2013-04-09	882		
Sulfate		ppm		500	n/a			205	205 - 205
Well 04 - Raw	SP 1303595-1	ppm				2013-04-09	205		
Total Dissolved Solids		ppm		1000	n/a			580	580 - 580
Well 04 - Raw	SP 1303595-1	ppm				2013-04-09	580		
Turbidity		NTU		5	n/a			0.3	0.3 - 0.3
Well 04 - Raw	SP 1303595-1	NTU				2013-04-09	0.3		
Zinc		ppm		5	n/a			0.22	0.22 - 0.22
Well 04 - Raw	SP 1303595-1	ppm				2013-04-09	0.22		

DETECTION OF FEDERAL DISINFECTANT/DISINFECTANT BYPRODUCT RULE									
		Units	**MCLG**	**CA-MCL**	**PHG**	**Sampled**	**Result**	**Avg. Result(a)**	**Range (b)**
Total Trihalomethanes (TTHMs)		ppb		80	n/a			9.0	7.1 - 10.9
215 Avenida de la Recreo	SP 1409578-2	ppb				2014-08-21	10.9		
Sample Tap	SP 1409578-1	ppb				2014-08-21	7.1		
Haloacetic Acids (five)		ppb		60	n/a			2	1 - 2
215 Avenida de la Recreo	SP 1409578-2	ppb				2014-08-21	2		
Sample Tap	SP 1409578-1	ppb				2014-08-21	1		

Siete Robles Water Co.

CCR Login Linkage - 2014

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
215 Avenida de	SP 1409578-2	2014-08-21	EPA 552.2	215 Avenida de la Recreo	THM & HAA Monitoring
	SP 1409578-2	2014-08-21	EPA 551.1	215 Avenida de la Recreo	THM & HAA Monitoring
215 Avenida del	SP 1408109-4	2014-07-17	Metals, Total	215 Avenida del Recreo	Copper & Lead Monitoring
276 Avenida de	SP 1410821-1	2014-09-19	Metals, Total	276 Avenida de la Vereda	EPA Lead & Copper Monitoring
276 Avenida del	SP 1408109-1	2014-07-17	Metals, Total	276 Avenida del Recreo	Copper & Lead Monitoring
322 Avenida del	SP 1408109-3	2014-07-17	Metals, Total	322 Avenida del Recreo	Copper & Lead Monitoring
450 Avenida de	SP 1408109-2	2014-07-17	Metals, Total	450 Avenida de la Vereda	Copper & Lead Monitoring
514 Avenida del	SP 1408109-5	2014-07-17	Metals, Total	514 Avenida del Recreo	Copper & Lead Monitoring
Sample Tap	SP 1400549-1	2014-01-16	Coliform	Sample Tap	Siete Robles Water Co.
	SP 1401874-1	2014-02-18	Coliform	Sample Tap	Siete Robles Water Co.
	SP 1403372-1	2014-03-24	Coliform	Sample Tap	Siete Robles Water Co.
	SP 1404134-1	2014-04-10	Coliform	Sample Tap	Siete Robles Water Co.
	SP 1405583-1	2014-05-15	Coliform	Sample Tap	Siete Robles Water Co.
	SP 1406808-1	2014-06-13	Coliform	Sample Tap	Siete Robles Water Co.
	SP 1407737-1	2014-07-08	Coliform	Sample Tap	Siete Robles Water Co.
	SP 1409578-1	2014-08-21	EPA 551.1	Sample Tap	THM & HAA Monitoring
	SP 1409578-1	2014-08-21	EPA 552.2	Sample Tap	THM & HAA Monitoring
	SP 1409576-1	2014-08-21	Coliform	Sample Tap	Siete Robles Water Co.
	SP 1410656-1	2014-09-16	Coliform	Sample Tap	Siete Robles Water Co.
	SP 1411785-1	2014-10-09	Coliform	Sample Tap	Siete Robles Water Co.
	SP 1413673-1	2014-11-21	Coliform	Sample Tap	Siete Robles Water Co.
	SP 1414473-1	2014-12-11	Coliform	Sample Tap	Siete Robles Water Co.
T.P. Sample Pt	SP 1401480-1	2014-02-08	Coliform	T.P. Sample Pt	Water Monitoring
TNK	SP 1401480-2	2014-02-08	Coliform	Tank	Water Monitoring
	SP 1404921-1	2014-04-30	Coliform	Tank	Drinking Water Monitoring
WELL 4 RAW	SP 1310585-1	2013-10-08	Radio Chemistry	Well 04	Radiochem Monitoring
	SP 1400550-1	2014-01-16	Coliform	Well 04	Raw Water Monitoring
	SP 1404139-1	2014-04-10	Wet Chemistry	Well 04	Water Quality Monitoring
	SP 1404131-1	2014-04-10	Coliform	Well 04	Raw Water Monitoring
	SP 1407734-1	2014-07-08	Coliform	Well 04	Raw Water Monitoring
	SP 1411784-1	2014-10-09	Coliform	Well 04	Raw Water Monitoring
Well 04	SP 0702609-1	2007-03-13	Radio Chemistry	Well 04 - Raw	Radiochem Monitoring
	SP 0706601-1	2007-06-12	Radio Chemistry	Well 04 - Raw	Radiochem Monitoring
	SP 0710379-1	2007-09-18	Radio Chemistry	Well 04 - Raw	Radiochem Monitoring
	SP 0714025-1	2007-12-18	Radio Chemistry	Well 04 - Raw	Radiochem Monitoring
	SP 1303595-1	2013-04-09	General Mineral	Well 04 - Raw	Water Quality Monitoring
	SP 1303595-1	2013-04-09	Wet Chemistry	Well 04 - Raw	Water Quality Monitoring
	SP 1400512-1	2014-01-16	Wet Chemistry	Well 04 - Raw	Water Quality Monitoring
	SP 1407744-1	2014-07-08	Wet Chemistry	Well 04 - Raw	Water Quality Monitoring
	SP 1411786-1	2014-10-09	Wet Chemistry	Well 04 - Raw	Water Quality Monitoring
Well 04	SP 1400549-2	2014-01-16	Metals, Total	Well 04 - Trt Fe & Mn TP, CL2	Siete Robles Water Co.
	SP 1401874-2	2014-02-18	Metals, Total	Well 04 - Trt Fe & Mn TP, CL2	Siete Robles Water Co.
	SP 1403372-2	2014-03-24	Metals, Total	Well 04 - Trt Fe & Mn TP, CL2	Siete Robles Water Co.
	SP 1404134-2	2014-04-10	Metals, Total	Well 04 - Trt Fe & Mn TP, CL2	Siete Robles Water Co.
	SP 1405583-2	2014-05-15	Metals, Total	Well 04 - Trt Fe & Mn TP, CL2	Siete Robles Water Co.
	SP 1406808-2	2014-06-13	Metals, Total	Well 04 - Trt Fe & Mn TP, CL2	Siete Robles Water Co.
	SP 1407737-2	2014-07-08	Metals, Total	Well 04 - Trt Fe & Mn TP, CL2	Siete Robles Water Co.
	SP 1409576-2	2014-08-21	Metals, Total	Well 04 - Trt Fe & Mn TP, CL2	Siete Robles Water Co.
	SP 1410656-2	2014-09-16	Metals, Total	Well 04 - Trt Fe & Mn TP, CL2	Siete Robles Water Co.
	SP 1411785-2	2014-10-09	Metals, Total	Well 04 - Trt Fe & Mn TP, CL2	Siete Robles Water Co.
	SP 1413673-2	2014-11-21	Metals, Total	Well 04 - Trt Fe & Mn TP, CL2	Siete Robles Water Co.
	SP 1414473-2	2014-12-11	Metals, Total	Well 04 - Trt Fe & Mn TP, CL2	Siete Robles Water Co.