

2015 Consumer Confidence Report

Water System Name: SISAR MUTUAL WATER CO

Report Date: June 2016

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, 2015.

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

Your water comes from 2 source(s): Well 02 (Old Well) and Well 03 (New Well 01)

For more information about this report, or any questions relating to your drinking water, please call (805) 524 - 3267 and ask for Loriann Boon.

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.

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 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 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.

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
Copper (ppm)	5 (2013)	0.03	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)	30	N/A	none	none	Salt present in the water and is generally naturally occurring
Hardness (ppm)	(2013)	342	325 - 358	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)	0.3	N/A	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.
Nitrate as N (ppm)	(2014)	1	0.5 - 1.4	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits

Nitrate + Nitrite as N (ppm)	(2013)	5.6	5.2 - 6.0	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2014)	ND	ND - 1.57	15	(0)	Erosion of natural deposits.
Total Radium 228 (pCi/L)	(2008)	ND	ND - 0.503	5	n/a	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)	18	17 - 18	500	n/a	Runoff/leaching from natural deposits; seawater influence
Specific Conductance (umhos/cm)	(2013)	748	747 - 748	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (ppm)	(2013)	171	165 - 177	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (ppm)	(2013)	515	510 - 520	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2013)	0.3	ND - 0.6	5	n/a	Soil runoff

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)	Violation	Typical Sources of Contaminant
Total Trihalomethanes (TTHMs) (ppb)	(2014 - 2015)	2.4	ND - 2.4	80	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. *Sisar 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 or at <http://www.epa.gov/lead>.

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Drinking Water Assessment Information

Assessment Information

A source water assessment was conducted for the WELL 02 of the SISAR MUTUAL WATER CO water system in April, 2001. A source water assessment was conducted for the WELL 03 (New Well 01) of the SISAR MUTUAL WATER CO water system in June, 2002.

Well 02 (Old Well) - is considered most vulnerable to the following activities not associated with any detected contaminants:
Septic systems - high density [>1 /acre]

Well 03 (New Well 01) - is considered most vulnerable to the following activities not associated with any detected contaminants:
Septic systems - high density [>1 /acre]

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

Sisar Mutual Water Co.

Analytical Results By FGL - 2015

LEAD AND COPPER RULE

		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Copper		ppm		1.3	.3			0.027	5
12178 Sisar Road	SP 1306625-2	ppm				2013-07-02	ND		
12264 Topa Lane	SP 1306625-4	ppm				2013-07-02	ND		
12327 Sisar Road	SP 1306625-3	ppm				2013-07-02	ND		
12346 Sisar Road	SP 1306625-1	ppm				2013-07-02	ND		
12964 Ojai Road	SP 1306625-5	ppm				2013-07-02	0.054		

SAMPLING RESULTS FOR SODIUM AND HARDNESS

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		ppm		none	none			30	30 - 30
Well 02 (Old Well)	SP 1311834-1	ppm				2013-11-07	30		
Well 03 (New Well 01)	SP 1309611-1	ppm				2013-09-16	30		
Hardness		ppm		none	none			342	325 - 358
Well 02 (Old Well)	SP 1311834-1	ppm				2013-11-07	358		
Well 03 (New Well 01)	SP 1309611-1	ppm				2013-09-16	325		

PRIMARY DRINKING WATER STANDARDS (PDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Fluoride		ppm		2	1			0.3	0.3 - 0.3
Well 02 (Old Well)	SP 1311834-1	ppm				2013-11-07	0.3		
Well 03 (New Well 01)	SP 1309611-1	ppm				2013-09-16	0.3		
Nitrate as N		ppm		10	10			1.0	0.47439 - 1.44576
Well 02 (Old Well)	SP 1405999-1	ppm				2014-05-27	1.44576		
Well 03 (New Well 01)	SP 1405997-1	ppm				2014-05-27	0.47439		
Nitrate + Nitrite as N		ppm		10	10			5.6	5.2 - 6.0
Well 02 (Old Well)	SP 1311834-1	ppm				2013-11-07	6.0		
Well 03 (New Well 01)	SP 1309611-1	ppm				2013-09-16	5.2		
Gross Alpha		pCi/L		15	(0)			ND	ND - 1.57
Well 02 (Old Well)	SP 1413177-2	pCi/L				2014-11-12	ND		
Well 02 (Old Well)	SP 1409945-2	pCi/L				2014-08-28	ND		
Well 02 (Old Well)	SP 1405996-2	pCi/L				2014-05-27	ND		
Well 02 (Old Well)	SP 1401621-2	pCi/L				2014-02-12	ND		
Well 03 (New Well 01)	SP 1413177-1	pCi/L				2014-11-12	ND		
Well 03 (New Well 01)	SP 1409945-1	pCi/L				2014-08-28	1.57		
Well 03 (New Well 01)	SP 1405996-1	pCi/L				2014-05-27	ND		
Well 03 (New Well 01)	SP 1401621-1	pCi/L				2014-02-12	ND		
Total Radium 228		pCi/L	0.019	5	n/a			ND	ND - 0.503
Well 02 (Old Well)	SP 0803186-1	pCi/L				2008-03-25	ND		
Well 03 (New Well 01)	SP 0803186-2	pCi/L				2008-03-25	0.503		

SECONDARY DRINKING WATER STANDARDS (SDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		ppm		500	n/a			18	17 - 18
Well 02 (Old Well)	SP 1311834-1	ppm				2013-11-07	18		
Well 03 (New Well 01)	SP 1309611-1	ppm				2013-09-16	17		
Specific Conductance		umhos/cm		1600	n/a			748	747 - 748
Well 02 (Old Well)	SP 1311834-1	umhos/cm				2013-11-07	747		
Well 03 (New Well 01)	SP 1309611-1	umhos/cm				2013-09-16	748		
Sulfate		ppm		500	n/a			171	165 - 177

Sisar Mutual Water Co.

CCR Login Linkage - 2015

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
12535 Sisar Roa	SP 1306625-2	2013-07-02	Metals, Total	12178 Sisar Road	Lead & Copper Monitoring
12436 Sisar Roa	SP 1306625-4	2013-07-02	Metals, Total	12264 Topa Lane	Lead & Copper Monitoring
12246 Sisar Roa	SP 1306625-3	2013-07-02	Metals, Total	12327 Sisar Road	Lead & Copper Monitoring
12346 Sisar Roa	SP 1306625-1	2013-07-02	Metals, Total	12346 Sisar Road	Lead & Copper Monitoring
12152 Sisar Roa	SP 1306625-5	2013-07-02	Metals, Total	12964 Ojai Road	Lead & Copper Monitoring
Site #2 Jew Res	SP 1500480-1	2015-01-14	Coliform	Site #2 Jew Residence-Watts Rd	Site #2 Monthly System Monitoring
	SP 1505909-1	2015-05-27	Coliform	Site #2 Jew Residence-Watts Rd	Site #2 Monthly System Monitoring
	SP 1510635-1	2015-09-24	Coliform	Site #2 Jew Residence-Watts Rd	Site #2 Monthly System Monitoring
Site #3 Thompso	SP 1501519-1	2015-02-09	Coliform	Site #3 Thompson-12264 Topa Ln	Site #3 Monthly System Monitoring
	SP 1507081-1	2015-06-24	Coliform	Site #3 Thompson-12264 Topa Ln	Site #3 Monthly System Monitoring
	SP 1511962-1	2015-10-26	Coliform	Site #3 Thompson-12264 Topa Ln	Site #3 Monthly System Monitoring
Site #4 - Sage	SP 1510634-1	2015-09-24	EPA 551.1	Site #4 - Sage - 12730 Ojai Rd	D/DPR-THM/HAA5 Monitoring
Site #4 Sage -	SP 1503284-1	2015-03-25	Coliform	Site #4 Sage - 12730 Ojai Rd	Site # 4 Monthly System Monitoring
	SP 1508367-1	2015-07-28	Coliform	Site #4 Sage - 12730 Ojai Rd	Site # 4 Monthly System Monitoring
	SP 1513144-1	2015-11-23	Coliform	Site #4 Sage - 12730 Ojai Rd	Site # 4 Monthly System Monitoring
	SP 1410687-1	2014-09-17	EPA 551.1	Site #4 Sage - 12730 Ojai Rd.	D/DPR-THM/HAA5 Monitoring
Site #5 Bougas-	SP 1504543-1	2015-04-27	Coliform	Site #5 Bougas-12436 Sisar Rd.	Site #5 Monthly System Monitoring
	SP 1508819-1	2015-08-10	Coliform	Site #5 Bougas-12436 Sisar Rd.	Site #5 Monthly System Monitoring
	SP 1513979-1	2015-12-15	Coliform	Site #5 Bougas-12436 Sisar Rd.	Site #5 Monthly System Monitoring
Well 2	SP 0803186-1	2008-03-25	Radio Chemistry	Well 02 (Old Well)	Wells 2&3 Qtr.Ra228 & S/A Cl04
	SP 1311834-1	2013-11-07	Wet Chemistry	Well 02 (Old Well)	Every Three Year Monitoring
	SP 1311834-1	2013-11-07	General Mineral	Well 02 (Old Well)	Every Three Year Monitoring
	SP 1401621-2	2014-02-12	Radio Chemistry	Well 02 (Old Well)	Quarterly Radio Monitoring
	SP 1405999-1	2014-05-27	Wet Chemistry	Well 02 (Old Well)	WELL #2
	SP 1405996-2	2014-05-27	Radio Chemistry	Well 02 (Old Well)	Quarterly Radio Monitoring
	SP 1409945-2	2014-08-28	Radio Chemistry	Well 02 (Old Well)	Quarterly Radio Monitoring
	SP 1413177-2	2014-11-12	Radio Chemistry	Well 02 (Old Well)	Quarterly Radio Monitoring
Well 3 (New)	SP 0803186-2	2008-03-25	Radio Chemistry	Well 03 (New Well 01)	Wells 2&3 Qtr.Ra228 & S/A Cl04
	SP 1309611-1	2013-09-16	General Mineral	Well 03 (New Well 01)	Every Three Year Monitoring
	SP 1309611-1	2013-09-16	Wet Chemistry	Well 03 (New Well 01)	Every Three Year Monitoring
	SP 1401621-1	2014-02-12	Radio Chemistry	Well 03 (New Well 01)	Quarterly Radio Monitoring
	SP 1405996-1	2014-05-27	Radio Chemistry	Well 03 (New Well 01)	Quarterly Radio Monitoring
	SP 1405997-1	2014-05-27	Wet Chemistry	Well 03 (New Well 01)	Well #3 (New Well) Monitoring
	SP 1409945-1	2014-08-28	Radio Chemistry	Well 03 (New Well 01)	Quarterly Radio Monitoring
	SP 1413177-1	2014-11-12	Radio Chemistry	Well 03 (New Well 01)	Quarterly Radio Monitoring