

Consumer Confidence Report Certification Form

Water System Name: **RANCHO SESPE WORKERS IMP ASSOC**
Water System Number: **5601144**

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 Department of Public Health.

Certified By: Name _____

Signature _____

Title _____

Phone Number (_____) _____ Date _____

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To summarize report delivery used and good-faith efforts taken, please complete the 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 method used: _____

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

___ Posted the CCR on the internet at www. _____

___ Mailed the CCR to postal patrons within the service area (attach zip codes used)

___ Advertised the availability of the CCR in news media (attach 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)

___ For systems serving at least 100,000 persons: Posted CCR on a publicly-accessible internet site at the following address: www. _____

___ For privately-owned utilities: Delivered the CCR to the California Public Utilities Commission

2013 Consumer Confidence Report

Water System Name: **RANCHO SESPE WORKERS IMP
ASSOC**

Report Date: May 2014

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, 2013

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

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

Your water comes from 1 source: Well #1-Rancho.

For more information about this report, or for any questions relating to your drinking water, please call (805) 521 - 1849 and ask for Lori Frost.

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. 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.

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

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

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

Variations and Exemptions: Department permission to exceed an MCL or not comply with a treatment technique under certain conditions.

ND: not detectable at testing limit

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

ppb: parts per billion or micrograms per liter ($\mu\text{g/L}$)

pCi/l: picocuries per liter (a measure of radioactivity)

The sources of drinking water(both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, spring, 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.

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Contaminants that may be present in source water include:

- *Microbial contaminants*, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife.
- *Inorganic contaminants*, such as salts and metals, which 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*, which may come from a variety of sources such as agriculture, urban stormwater runoff, and residential uses.
- *Radioactive contaminants*, which can be naturally occurring or the result of oil production and mining activities.
- *Organic chemical contaminants*, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems.

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency (USEPA) and the California Department of Public Health prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Department regulations also establish limits for contaminants in bottled water that must 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 constituents. 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 the last sample set)	No. of Samples Collected	90th Percentile Level	No. Site Exceeding AL	AL	PHG	Typical Sources of Contaminant
Lead (ppb)	5 (2010)	1.75	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers, erosion of natural deposits
Copper (ppm)	5 (2010)	0.199	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 (MRDL)	PHG (MCLG)	Typical Sources of Contaminant
Sodium (ppm)	(2008)	110	110 - 110	none	none	Salt present in the water and is generally naturally occurring
Hardness (ppm)	(2008)	432	432 - 432	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
Nitrate (ppm)	(2013)	10.0	9.2 – 10.9	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits

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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 (MRDL)	PHG (MCLG)	Typical Sources of Contaminant
Chloride (ppm)	(2008)	81	81 - 81	500	n/a	Runoff/leaching from natural deposits; seawater influence
Iron (ppb)	(2008)	140	100 - 100	300	n/a	Leaching from natural deposits; Industrial wastes
Specific Conductance (umhos/cm)	(2008)	1290	1290 - 1290	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (ppm)	(2008)	310	310 - 310	500	n/a	Runoff/leaching from natural deposits; industrial wastes
TDS (ppm)	(2008)	870	870 - 870	1000	n/a	Runoff/leaching from natural deposits

TABLE 5 - DETECTION OF UNREGULATED CONTAMINANTS					
Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Health Effects Language
Boron (ppm)	(2008)	0.6	0.6 - 0.6	1	The babies of some pregnant women who drink water containing boron in excess of the notification level may have an increased risk of developmental effects, based on studies in laboratory animals.

TABLE 6 - 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)	2013	1.9	1.9 - 1.9	80	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 of some contaminants. The presence of contaminants does not necessarily indicate that 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 (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 provider. 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 (800-426-4791)

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For Lead (Pb), 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. *RANCHO SESPE WORKERS IMP ASSOC* 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>.

Drinking Water Source Assessment Information

Assessment Info

A source water assessment was conducted for the WELL 01 of the *RANCHO SESPE WORKERS IMP ASSOC* water system in May, 2001.

Well 01 - is considered most vulnerable to the following activities not associated with any detected contaminants:

- Parks
- Chemical/petroleum pipelines
- Wells - Agricultural/ Irrigation

Acquiring Info

A copy of the complete assessment may be viewed at:

DHS Drinking Water Field Operations Branch
1180 Eugenia Place
Suite 200
Carpinteria, CA 93013

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

Kurt Souza
District Engineer
805 566 1326

RANCHO SESPE WORKERS IMP ASSOC

Analytical Results By FGL - 2013

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Lead		ppb	0	15	0.2			1.75	5
Apt. 19	SP 1007695-002	ppb				08/04/2010	0.00		
Apt. 21	SP 1007695-003	ppb				08/04/2010	0.400		
Apt. 8	SP 1007695-004	ppb				08/04/2010	0.00		
Laundry Room	SP 1007695-001	ppb				08/04/2010	0.300		
Rec Room	SP 1007695-005	ppb				08/04/2010	3.10		
Copper		ppm		1.3	.3			0.199	5
Apt. 19	SP 1007695-002	ppm				08/04/2010	0.0360		
Apt. 21	SP 1007695-003	ppm				08/04/2010	0.147		
Apt. 8	SP 1007695-004	ppm				08/04/2010	0.0150		
Laundry Room	SP 1007695-001	ppm				08/04/2010	0.0380		
Rec Room	SP 1007695-005	ppm				08/04/2010	0.251		

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		ppm		none	none			110	110 - 110
Well #1-Rancho	SP 0806841-001	ppm				06/22/2008	110		
Hardness		ppm		none	none			432	432 - 432
Well #1-Rancho	SP 0806841-001	ppm				06/22/2008	432		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Nitrate		ppm		45	45			10.0	9.2 - 10.9
Well #1-Rancho	SP 1313280-001	ppm				12/12/2013	10.9		
Well #1-Rancho	SP 1309490-001	ppm				09/11/2013	9.20		
Well #1-Rancho	SP 1305975-001	ppm				06/13/2013	9.70		
Well #1-Rancho	SP 1302655-001	ppm				03/14/2013	10.1		

SECONDARY DRINKING WATER STANDARDS (SDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		ppm		500				81	81 - 81
Well #1-Rancho	SP 0806841-001	ppm				06/22/2008	81.0		
Iron		ppb		300				140	100 - 100
Well #1-Rancho	SP 0806841-001	ppb				06/22/2008	140		
Specific Conductance		umhos/cm		1600				1290	1290 - 1290
Well #1-Rancho	SP 0806841-001	umhos/cm				06/22/2008	1290		
Sulfate		ppm		500				310	310 - 310
Well #1-Rancho	SP 0806841-001	ppm				06/22/2008	310		
TDS		ppm		1000				870	870 - 870
Well #1-Rancho	SP 0806841-001	ppm				06/22/2008	870		

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Boron		ppm		NS				0.6	0.6 - 0.6
Well #1-Rancho	SP 0806841-001	ppm				06/22/2008	0.600		

FEDERAL DISINFECTANT/DISINFECTANT BYPRODUCT RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Total Trihalomethanes (TTHMs)		ppb		80	n/a			1.9	1.9 - 1.9
DBP2 2950 TEL	SP 1312074-001	ppb				11/13/2013	1.90		

RANCHO SESPE WORKERS IMP ASSOC CCR Login Linkage - 2013

FGL CODE	DATE SAMPLED	LAB ID	METHOD	DESCRIPTION	PROPERTY
Apt. 19	08/04/2010	SP 1007695-002	Metals, Total	Apt. 19	EPA Lead & Copper Monitoring
Apt. 21	08/04/2010	SP 1007695-003	Metals, Total	Apt. 21	EPA Lead & Copper Monitoring
Apt. 8	08/04/2010	SP 1007695-004	Metals, Total	Apt. 8	EPA Lead & Copper Monitoring
DBP2 2950 TEL	11/13/2013	SP 1312074-001	EPA 551.1	STG 2 - 2950 TELEGRAPH RD (SPA	Rancho Sespe Workers Improvement
	11/13/2013	SP 1312074-001	EPA 552.2	STG 2 - 2950 TELEGRAPH RD (SPA	Rancho Sespe Workers Improvement
Laundry Room	08/04/2010	SP 1007695-001	Metals, Total	Laundry Room	EPA Lead & Copper Monitoring
Rec Room	08/04/2010	SP 1007695-005	Metals, Total	Rec Room	EPA Lead & Copper Monitoring
Space #8	01/11/2013	SP 1300334-001	Coliform	Space #8	Well #1 Sampling
	02/25/2013	SP 1301906-001	Coliform	Space #8	Well #1 Sampling
	03/19/2013	SP 1302849-001	Coliform	Space #8	Well #1 Sampling
	04/03/2013	SP 1303380-001	Coliform	Space #8	Well #1 Sampling
	05/10/2013	SP 1304699-001	Coliform	Space #8	Well #1 Sampling
	06/14/2013	SP 1305990-001	Coliform	Space #8	Well #1 Sampling
	07/19/2013	SP 1307327-001	Coliform	Space #8	Well #1 Sampling
	08/19/2013	SP 1308510-001	Coliform	Space #8	Well #1 Sampling
	09/16/2013	SP 1309631-001	Coliform	Space #8	Well #1 Sampling
	10/28/2013	SP 1311422-001	Coliform	Space #8	Well #1 Sampling
	11/19/2013	SP 1312303-001	Coliform	Space #8	Well #1 Sampling
	12/16/2013	SP 1313361-001	Coliform	Space #8	Well #1 Sampling
Well #1 -Rancho	03/21/2005	SP 0502689-001	Radio Chemistry	Well 01	Well
	09/24/2007	SP 0710664-001	Radio Chemistry	Well 01	Rancho Sespe Workers Imp.
	12/27/2007	SP 0714372-001	Wet Chemistry	Well 01	Rancho Sespe Workers Imp. Assoc.
	06/22/2008	SP 0806841-001	General Mineral	Well 01	Ground Water Monitoring
	06/23/2008	SP 0806865-001	Wet Chemistry	Well 01	Rancho Sespe Workers
	08/11/2008	SP 0808664-001	EPA 524.2	Well 01	Well Monitoring-Resample
	03/14/2013	SP 1302655-001	Wet Chemistry	Well 01	RANCHO SESPE WORKERS IMP ASSOC
	06/13/2013	SP 1305975-001	Wet Chemistry	Well 01	RANCHO SESPE WORKERS IMP ASSOC
	09/11/2013	SP 1309490-001	Wet Chemistry	Well 01	RANCHO SESPE WORKERS IMP ASSOC
	12/12/2013	SP 1313280-001	Wet Chemistry	Well 01	Water Quality Monitoring