

Consumer Confidence Report Certification Form

Water System Name: **Santa Clara Resources**
Water System Number: **5603117**

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: Santa Clara Resources

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 01.

For more information about this report, or for any questions relating to your drinking water, please call (805) 207 - 1402 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
Copper (ppm)	5 (2013)	0.039	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)	(2013)	103	103 - 103	none	none	Salt present in the water and is generally naturally occurring
Hardness (ppm)	(2013)	515	515 - 515	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)	2.8	3 - 3	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits

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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 + Nitrite as N (ppm)	(2013)	0.6	0.6 - 0.6	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Selenium (ppb)	(2013)	24	24 - 24	50	30	Discharge from petroleum, glass, and metal refineries; erosion of natural deposits; discharge from mines and chemical manufacturers; runoff from livestock lots(feed additive)
Gross Alpha (pCi/L)	(2010 - 2011)	4.9	3 - 9	15	(0)	Erosion of natural deposits.
Uranium (pCi/L)	(2010 - 2011)	3.0	2 - 4	20	0.5	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 (MRDL)	PHG (MCLG)	Typical Sources of Contaminant
Chloride (ppm)	(2013)	43	43 - 43	500	n/a	Runoff/leaching from natural deposits; seawater influence
Iron (ppb)	(2013)	170	200 - 200	300	n/a	Leaching from natural deposits; Industrial wastes
Manganese (ppb)	(2013)	160	160 - 160	50	n/a	Leaching from natural deposits
Specific Conductance (umhos/cm)	(2013)	1240	1240 - 1240	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (ppm)	(2013)	420	420 - 420	500	n/a	Runoff/leaching from natural deposits; industrial wastes
TDS (ppm)	(2013)	900	900 - 900	1000	n/a	Runoff/leaching from natural deposits
Zinc (ppm)	(2013)	0.06	0.06 - 0.06	5	n/a	Runoff/leaching from natural deposits

Any violation of MCL,AL or MRDL is shaded. Additional information regarding the violation is provided later in this report.

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)	(2013)	0.7	0.7 - 0.7 ((2013))	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.

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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	20.8	ND - 78.4	80	n/a	By-product of drinking water disinfection
Haloacetic Acids (five) (ppb)	(2013)	5	ND - 9	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 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)

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. *Santa Clara Resources* 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 Contaminants Exceeding a MCL, MRDL, or AL, or a violation of Any Treatment Technique or Monitoring and Reporting Requirement

About our 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.

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Drinking Water Source Assessment Information

Assessment Info

A source water assessment was conducted for the DUTCH BROTHERS WELL 01 of the SANTA CLARA RESOURCES water system in April, 2003.

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

Septic systems - low density [$<1/\text{acre}$]

Discussion of Vulnerability

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 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

Santa Clara Resources

Analytical Results By FGL - 2013

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Copper		ppm		1.3	.3			0.039	5
Grolink Mens RR	SP 1312635-003	ppm				11/26/2013	0.0360		
GROIINK SINK	SP 1312635-001	ppm				11/26/2013	0.0360		
Grolink Womens	SP 1312635-002	ppm				11/26/2013	0.0380		
Topstar Kitchen	SP 1312635-005	ppm				11/26/2013	0.0390		
Topstar Sink	SP 1312635-004	ppm				11/26/2013	0.0250		

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		ppm		none	none			103	103 - 103
Well 01	SP 1304698-001	ppm				05/10/2013	103		
Hardness		ppm		none	none			515	515 - 515
Well 01	SP 1304698-001	ppm				05/10/2013	515		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Nitrate		ppm		45	45			2.8	3 - 3
Well 01	SP 1304698-001	ppm				05/10/2013	2.80		
Nitrate + Nitrite as N		ppm		10	10			0.6	0.6 - 0.6
Well 01	SP 1304698-001	ppm				05/10/2013	0.600		
Selenium		ppb	50	50	30			24	24 - 24
Well 01	SP 1304698-001	ppb				05/10/2013	24.0		
Gross Alpha		pCi/L		15	(0)			4.9	3 - 9
Well 01	SP 1106098-002	pCi/L				06/21/2011	2.73		
Well 01	SP 1102734-002	pCi/L				03/16/2011	3.29		
Well 01	SP 1012776-002	pCi/L				12/15/2010	8.89		
Well 01	SP 1009500-002	pCi/L				09/15/2010	4.80		
Uranium		pCi/L		20	0.5			3.0	2 - 4
Well 01	SP 1102734-002	pCi/L				03/16/2011	2.10		
Well 01	SP 1012776-002	pCi/L				12/15/2010	4.20		
Well 01	SP 1009500-002	pCi/L				09/15/2010	2.66		

SECONDARY DRINKING WATER STANDARDS (SDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		ppm		500				43	43 - 43
Well 01	SP 1304698-001	ppm				05/10/2013	43.0		
Iron		ppb		300				170	200 - 200
Well 01	SP 1304698-001	ppb				05/10/2013	170		
Manganese		ppb		50				160	160 - 160
Well 01	SP 1313594-001	ppb				12/19/2013	160		
Well 01	SP 1304698-001	ppb				05/10/2013	160		
Specific Conductance		umhos/cm		1600				1240	1240 - 1240
Well 01	SP 1304698-001	umhos/cm				05/10/2013	1240		
Sulfate		ppm		500				420	420 - 420
Well 01	SP 1304698-001	ppm				05/10/2013	420		
TDS		ppm		1000				900	900 - 900
Well 01	SP 1304698-001	ppm				05/10/2013	900		
Zinc		ppm		5				0.06	0.06 - 0.06
Well 01	SP 1304698-001	ppm				05/10/2013	0.0600		

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)

Santa Clara Resources Analytical Results By FGL - 2013

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Boron		ppm		NS				0.7	0.7 - 0.7
Boron									
Well 01	SP 1304698-001	ppm				05/10/2013	0.700		

FEDERAL DISINFECTANT/DISINFECTANT BYPRODUCT RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Total Trihalomethanes (TTHMs)		ppb		80	n/a			20.8	0 - 78.4
Grolink Sink	SP 1311380-002	ppb				10/25/2013	5.00		
Topstar Sink	SP 1311380-003	ppb				10/25/2013	78.4		
Well 01	SP 1304698-001	ppb				05/10/2013	0.00		
Haloacetic Acids (five)		ppb		60	n/a			5	0 - 9
Grolink Sink	SP 1311380-002	ppb				10/25/2013	0.00		
Topstar Sink	SP 1311380-003	ppb				10/25/2013	9.00		

Santa Clara Resources CCR Login Linkage - 2013

FGL CODE	DATE SAMPLED	LAB ID	METHOD	DESCRIPTION	PROPERTY
Grolink Lunch R	01/29/2013	SP 1300946-004	Coliform	Grolink Lunch Rm. Tap	Santa Clara Resources
	02/19/2013	SP 1301720-001	Coliform	Grolink Lunch Rm. Tap	Routine Bacteriological
	03/20/2013	SP 1302901-001	Coliform	Grolink Lunch Rm. Tap	Routine Bacteriological
	04/19/2013	SP 1303967-001	Coliform	Grolink Lunch Rm. Tap	Routine Bacteriological
	06/26/2013	SP 1306459-001	Coliform	Grolink Lunch Rm. Tap	Routine Bacteriological
	07/22/2013	SP 1307413-001	Coliform	Grolink Lunch Rm. Tap	Santa Clara Resources
	09/10/2013	SP 1309394-001	Coliform	Grolink Lunch Rm. Tap	Routine Bacteriological
	10/14/2013	SP 1310842-001	Coliform	Grolink Lunch Rm. Tap	Routine Bacteriological
	11/25/2013	SP 1312588-001	Coliform	Grolink Lunch Rm. Tap	Routine Bacteriological
Grolink Mens RR	11/26/2013	SP 1312635-003	Metals, Total	Grolink Mens RR	Routine Bacteriological
Grolink Sink	05/10/2013	SP 1304698-002	Coliform	Grolink Sink	Water Quality Monitoring
GROINK SINK	08/15/2013	SP 1308414-001	Coliform	Grolink Sink	Santa Clara Resources
Grolink Sink	10/25/2013	SP 1311380-002	EPA 551.1	Grolink Sink	Santa Clara Resources
	10/25/2013	SP 1311380-002	EPA 552.2	Grolink Sink	Santa Clara Resources
GROINK SINK	11/26/2013	SP 1312635-001	Metals, Total	Grolink Sink	Routine Bacteriological
	12/20/2013	SP 1313659-001	Coliform	Grolink Sink	Santa Clara Resources
Grolink Womens	11/26/2013	SP 1312635-002	Metals, Total	Grolink Womens RR	Routine Bacteriological
SS #2	01/29/2013	SP 1300946-001	Coliform	SS #2	Santa Clara Resources
SS #3	01/29/2013	SP 1300946-002	Coliform	SS #3	Santa Clara Resources
SS #4	01/29/2013	SP 1300946-003	Coliform	SS #4	Santa Clara Resources
Top Star Sink	11/25/2013	SP 1312588-002	Coliform	Top Star Sink	Routine Bacteriological
Topstar Kitchen	11/26/2013	SP 1312635-005	Metals, Total	Topstar Kitchen	Routine Bacteriological
Topstar Sink	05/10/2013	SP 1304698-003	Coliform	Topstar Sink	Water Quality Monitoring
	06/26/2013	SP 1306459-002	Coliform	Topstar Sink	Routine Bacteriological
	08/15/2013	SP 1308414-002	Coliform	Topstar Sink	Santa Clara Resources
	10/25/2013	SP 1311380-003	EPA 551.1	Topstar Sink	Santa Clara Resources
	10/25/2013	SP 1311380-003	EPA 552.2	Topstar Sink	Santa Clara Resources
	11/26/2013	SP 1312635-004	Metals, Total	Topstar Sink	Routine Bacteriological
TOPSTARSINK	01/29/2013	SP 1300946-005	Coliform	Top Stair Sink	Santa Clara Resources
	02/19/2013	SP 1301720-002	Coliform	Top Stair Sink	Routine Bacteriological
	03/20/2013	SP 1302901-003	Coliform	Top Stair Sink	Routine Bacteriological
	04/19/2013	SP 1303967-002	Coliform	Top Stair Sink	Routine Bacteriological
	07/22/2013	SP 1307413-002	Coliform	Top Stair Sink	Santa Clara Resources
	09/10/2013	SP 1309394-003	Coliform	Top Stair Sink	Routine Bacteriological
	10/14/2013	SP 1310842-002	Coliform	Top Stair Sink	Routine Bacteriological
	12/20/2013	SP 1313659-002	Coliform	Top Stair Sink	Santa Clara Resources
Well 01	09/15/2010	SP 1009500-002	Radio Chemistry	Dutch Brothers Well 01	Routine Bacteriological
	12/15/2010	SP 1012776-002	Radio Chemistry	Dutch Brothers Well 01	Routine Bacteriological
	03/16/2011	SP 1102734-002	Radio Chemistry	Dutch Brothers Well 01	Routine Bacteriological
	06/21/2011	SP 1106098-002	Radio Chemistry	Dutch Brothers Well 01	Routine Bacteriological
	05/10/2013	SP 1304698-001	EPA 524.2	Dutch Brothers Well 01	Water Quality Monitoring
	05/10/2013	SP 1304698-001	General Mineral	Dutch Brothers Well 01	Water Quality Monitoring
	05/10/2013	SP 1304698-001	Metals, Total	Dutch Brothers Well 01	Water Quality Monitoring
	05/10/2013	SP 1304698-001	Wet Chemistry	Dutch Brothers Well 01	Water Quality Monitoring
	10/25/2013	SP 1311380-001	Radio Chemistry	Dutch Brothers Well 01	Santa Clara Resources
	12/19/2013	SP 1313594-001	Metals, Total	Dutch Brothers Well 01	SANTA CLARA RESOURCES
	12/19/2013	SP 1313594-001	Radio Chemistry	Dutch Brothers Well 01	SANTA CLARA RESOURCES
	12/19/2013	SP 1313594-001	Wet Chemistry	Dutch Brothers Well 01	SANTA CLARA RESOURCES