

# 2013 Consumer Confidence Report

Water System Name: Camp Scott and Scudder Report Date: 2/6/2014

*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, 2012 and may include earlier monitoring data.*

**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: Groundwater

Name & general location of source(s): Well #2 located at 28700 Bouquet Canyon Road. Well #3 located at 28750 Bouquet Canyon Road.

Drinking Water Source Assessment information: A source water assessment was conducted for the Well 02 of the Camps Scott & Scudder water system in March, 2002. The source is considered most vulnerable to the following activities not associated with any detected contaminants: **Septic systems-low density [ $<1/\text{acre}$ ]** This well source is suspected to be under the influence of Surface water. The well is located within 50 feet of a stream. Coliform has been detected in the past and nitrate levels in one well has exceeded  $\frac{1}{2}$  the action level. The water system has installed automatic chlorinators to address the intermittent presence of coliforms detected in the water. The well for this water system is considered vulnerable to activities located north of the complex. these activities include, onsite sewage disposal system, small and large horse stables.

the source water assessment for Well 03 of the Camps Scott & Scudder water system was conducted on April, 2002. The source is considered most vulnerable to the following activities not associated with any detected contaminants: **Grazing [ $>5$  large animals or equivalent per acre] and Septic systems – low density [ $<1/\text{acre}$ ].** This well is located adjacent to a local stream and is subject to localized flooding. The well is also suspected of being under the influence of surface water with periodic positive coliforms detected in the water. To address this issue the water system utilizes an automatic chlorinator to maintain a chlorine residual and is overseen by a state certified water operator.

A copy of the complete assessments for both wells may be viewed at : Los Angeles County Environmental Health 2525 Corporate Place. Room 150 Monterey Park, CA 91754. You may request a summary of the assessment be sent to you by contacting Russ Johnson, Chief Environmental Health Specialist at 323-881-4147

Time and place of regularly scheduled board meetings for public participation:

The regular meeting days are the Second and Fourth Wednesdays of each month at 6:15 pm. The meetings take place in the Boardroom, located on the 1<sup>st</sup> floor of the Administration Building at: Rio Vista Water Treatment Plant 27234 Bouquet Canyon Road, Santa Clarita, CA 91350

For more information, contact: Joel Sears Phone: (323) 267-2333

## 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 (USEPA).

**Public Health Goal (PHG):** The level of a

**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):** 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.

**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

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.

requirements that a water system must follow.

**Variances 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 (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 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, 5, 7, and 8 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 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	(In a mo.) 1	0	More than 1 sample in a month with a detection	0	Naturally present in the environment
Fecal Coliform or <i>E. coli</i>	(In the year) 0	0	A routine sample and a repeat sample detect total coliform and either sample also detects fecal coliform or <i>E. coli</i>	0	Human and animal fecal waste

**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 <sup>th</sup> percentile level detected	No. sites exceeding AL	AL	PHG	Typical Source of Contaminant
Lead (ppb)	07/13/11 Well#2	1	0.45	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
	07/12/11 Well#3	1	4.4				
Copper (ppm)	07/13/11 Well#2	1	0.0022	0	1.3	0.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
	07/12/11 Well#3	1	0.019				

**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)	07/12/11- 07/13/11	65	65-65	none	none	Salt present in the water and is generally naturally occurring
Hardness (ppm)	7/12/11- 07/13/11	255	250-260	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

\*Any violation of an MCL or AL is asterisked. Additional information regarding the violation is provided later in this report.

**TABLE 4- 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 Source of Contaminant
Turbidity (NTU)	07/12/11- 7/13/11	0.28	ND - 0.28	TT	N/A	Soil runoff

\*Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of water quality. High turbidity can hinder the effectiveness of disinfectants.

**RADIOACTIVE CONTAMINANTS**

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
Gross Alpha particle activity (pCi/L)	07/12/11- 7/13/11	2.65	3.26 - 3.26	15	0	Erosion of natural deposits

**INORGANIC CONTAMINANTS**

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
Aluminum (ppm)	07/12/11- 7/13/11	.0074	ND - .0074	1	0.6	Erosion of natural deposits; residue from some surface water treatment processes
Antimony (ppb)	07/12/11- 7/13/11	1.2	ND - 1.2	6	20	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
Arsenic (ppb)	07/12/11- 7/13/11	2.05	2.0 - 2.1	10	0.004	Erosion of natural deposits; runoff from orchards; glass and electronic production wastes
Barium (ppm)	07/12/11- 7/13/11	0.0455	0.044 - 0.047	1	2	Discharges of oil drilling wastes and from metal refineries; erosion of natural deposits

Chromium (ppb)	07/12/11-7/13/11	0.49	0.47 – 0.50	50	100	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
Fluoride (ppm)	07/12/11-7/13/11	0.49	0.47 – 0.50	2.0	1	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits

**INORGANIC CONTAMINANTS CONTINUED**

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
Nickel (ppb)	07/12/11-7/13/11	0.95	0.90 – 1.0	100	12	Erosion of natural deposits; discharge from metal factories
Nitrate (ppm)	07/12/11-7/13/11	11	11	45	45	Runoff and leaching from fertilizer use; leaching from septic tanks sewage; erosion of natural deposits
Selenium (ppb)	07/12/11-7/13/11	0.775	0.45 – 0.65	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)

**TABLE 5 – 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) [MRDLG]	Typical Source of Contaminant
Aluminum (ppb)	07/12/11-7/13/11	7.4	ND - .0074	200	0	Erosion of natural deposits; residue from some surface water treatment processes
Copper (ppm)	07/12/11-7/13/11	0.0106	0.019 – 0.0022	1	0	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Iron (ppb)	07/12/11-7/13/11	23	ND - 23	300	0	Leaching from natural deposits; industrial wastes
Manganese (ppb)	07/12/11-7/13/11	0.85	0.60 – 1.1	50	0	Leaching from natural deposits
Odor Threshold (Units)	07/12/11-7/13/11	1.0	1.0	3	0	Naturally-occurring organic materials
Turbidity (NTU)	07/12/11-7/13/11	0.28	0.28	5	0	Soil runoff
Zinc (ppm)	07/12/11-7/13/11	0.01	0.009 – 0.011	5	0	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (ppm)	07/12/11-7/13/11	430	420 – 440	1,000	0	Runoff/leaching from natural deposits
Conductivity (uS/cm)	07/12/11-7/13/11	750	740 – 760	1,600	0	Substances that form ions when in water; seawater influence
Chloride (ppm)	07/12/11-7/13/11	42.5	41 – 44	500	0	Runoff/leaching from natural deposits; seawater influence
Sulfate (ppm)	07/12/11-7/13/11	55.5	53 - 58	500	0	Runoff/leaching from natural deposits; industrial wastes

**TABLE 6 – DETECTION OF UNREGULATED CONTAMINANTS**

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Typical Source of Contaminant
Potassium (ppm)	07/12/11-7/13/11	1.85	1.8 – 1.9	N/A	Leaching from natural deposits

\*Any violation of an MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided later in this report.

NOTE: System will report these same results each CCR year (2013, 2014 and 2015) until the next sample is taken.

### 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 service lines and home plumbing. Santa Clarita Water Division (SCWD) 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

VIOLATION OF A MCL, MRDL, AL, TT, OR MONITORING AND REPORTING REQUIREMENT				
Violation	Explanation	Duration	Actions Taken to Correct the Violation	Health Effects Language
Total Coliform Bacteria	Total Coliform Bacteria was found in two consecutive samples taken during the month of November of 2012. Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other harmful bacteria may be present.	2 days	Consecutive water samples were taken after the day of positive detection until violation receded as CDPH regulations mandate.	Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other potentially-harmful bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

**For Water Systems Providing Ground Water as a Source of Drinking Water**

**TABLE 7 – SAMPLING RESULTS SHOWING  
FECAL INDICATOR-POSITIVE GROUND WATER SOURCE SAMPLES**

Microbiological Contaminants (complete if fecal-indicator detected)	Total No. of Detections	Sample Dates	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
<i>E. coli</i>	(In the year) 2013	NONE	0	(0)	Human and animal fecal waste
Enterococci	(In the year)	N/A	TT	n/a	Human and animal fecal waste
Coliphage	(In the year)	N/A	TT	n/a	Human and animal fecal waste

**Summary Information for Fecal Indicator-Positive Ground Water Source Samples,  
Uncorrected Significant Deficiencies, or Ground Water TT**

**SPECIAL NOTICE OF FECAL INDICATOR-POSITIVE GROUND WATER SOURCE SAMPLE**

N/A

**SPECIAL NOTICE FOR UNCORRECTED SIGNIFICANT DEFICIENCIES**

N/A

**VIOLATION OF GROUND WATER TT**

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

**For Systems Providing Surface Water as a Source of Drinking Water**

**TABLE 8 - SAMPLING RESULTS SHOWING TREATMENT OF SURFACE WATER SOURCES**

Treatment Technique <sup>(a)</sup> (Type of approved filtration technology used)	N/A
Turbidity Performance Standards <sup>(b)</sup> (that must be met through the water treatment process)	Turbidity of the filtered water must: 1 – Be less than or equal to <u>  5  </u> NTU in 95% of measurements in a month. 2 – Not exceed <u>  5  </u> NTU for more than eight consecutive hours. 3 – Not exceed <u>  5  </u> NTU at any time.
Lowest monthly percentage of samples that met Turbidity Performance Standard No. 1.	

