

# Apple Valley Ranchos Water Company -- Bellview Heights System

## Water Quality Parameters Detected in Apple Valley Ranchos, Bellview Heights Water System Well for 2013

PRIMARY STANDARDS --Mandatory health-related INORGANIC CHEMICALS	Public Health Goal (MCLG)	State MCL	Units of Measurement	Water Quality Results Bellview Heights Well 7	(b) Date of Last Measurement	Potential Sources of Contamination
Arsenic	0.004	10.0	ppb	3.4	2012	Erosion of natural deposits; runoff from orchards; glass and electronic production wastes
Fluoride	1.0	2.0	ppm	0.3	2012	Erosion of natural deposits; discharge from fertilizer and aluminum factories

### DISTRIBUTION SYSTEM

Chlorine Residual	MRDLG = 4	MRDL = 4	ppm	average = 0.57 range = 0.1 - 1.5	weekly	Added for disinfection purposes
Microbiological Heterotrophic Plate Count Bacteria	none	NS	CFU/ml	average = 2 range = 1 - 120	weekly	Naturally present in the environment
Odor	none	3	units	1	monthly	Naturally occurring organic matter
Total Trihalomethanes (TTHMs)	none	80	ppb	average = 1 range = 0.9 - 1.8	twice per year	By-product of drinking water disinfection
Turbidity	none	5	NTU	average = <0.1 range = <0.1 - 0.26	monthly	Soil runoff

2013 LEAD AND COPPER MONITORING	Action Level	PHG or (MCLG)	Units of Measurement	Number of Samples Collected	90th Percentile Level Detected	
Copper **	1.3	0.17	ppm	5	Avg. & Range <1 (none above AL)	Internal corrosion of household water plumbing systems
Lead **	15	2	ppb	5	Avg. & Range <1 (none above AL)	Internal corrosion of household water plumbing systems

SECONDARY STANDARDS Aesthetic standards - non-health related CHEMICAL PARAMETERS	Public Health Goal (MCLG)	State MCL	Units of Measurement	Water Quality Results Bellview Heights Well 7	(b) Date of Last Measurement	Potential Sources of Contamination
Chloride	none	500	ppm	14	2012	Runoff / leaching from natural deposits; seawater influence
Corrosivity (Langlier Index) ( c )	none	Non-corrosive	+ / -	0.03	2012	Natural or industrially-influenced balance of hydrogen, carbon and oxygen in the water; affected by temperature and other factors
Specific Conductance	none	1,600	micromhos per centimeter	260	2012	Substances that form ions when in water; seawater influence
Sulfate	none	500	ppm	17	2012	Runoff / leaching from natural deposits; industrial wastes
Total Dissolved Solids (TDS)	none	1,000	ppm	140	2012	Runoff / leaching from natural deposits

### PHYSICAL PARAMETERS

Odor Threshold	none	3	units	average = 0.3 range = <1 - 1	2012	Naturally occurring organic materials
Turbidity / clarity	none	5.0	NTU	average = <0.1 range = <0.1 - 0.5	2012	Soil runoff

### ADDITIONAL PARAMETERS

--unregulated	Detected Unregulated Chemicals That May be of interest to Consumers				
Aggressiveness Index ( d )	none	NS	units	11.7	2012
Alkalinity (as Ca CO3)	none	NS	ppm	93	2012
Calcium	none	NS	ppm	14	2012
Hardness (Ca CO3)	none	NS	ppm	46	2012
Hardness (grains)	none	NS	grains	2.7	2012
Magnesium	none	NS	ppm	2.4	2012
pH	none	NS	units	8.2	2012
Sodium	none	NS	ppm	39	2012

San Bernardino County Department of Health Services requires this separate notice be sent to you since you are not served by the main Apple Valley Ranchos (AVR) water system.

This page reports to you the water quality of the one well that serves the AVR Bellview Heights water system. This system also has an emergency connection to Victor Valley Water District. The table of results in the original Annual Water Quality Report (attached) depicts the water quality for the entire AVR water system. Please refer to this page for information on the quality of water piped to your home.

For a key to notes and abbreviations on this page, please refer to the Key on the "Water Results page in the attached report.

If you have any questions about your water quality, please call **Jeff Kinnard at 760-247-9332, extension 4323.**