



2014 Consumer Confidence Report

KNOW YOUR WATER

The La Puente Valley County Water District is committed to keeping you informed about the quality of your drinking water. This report is provided to you annually and it includes information describing where your drinking water comes from, the constituents found in your drinking water and how the water quality compares with the regulatory standards. Last year we conducted various tests for over 100 contaminants. Many tests were performed weekly to ensure high quality water is delivered to your home. We are proud to report that during 2014, the drinking water provided by the District met or surpassed all Federal and State

drinking water standards. The District remains dedicated to providing you with a reliable supply of high quality drinking water.

This report contains important information about your drinking water. Translate it or speak with someone who understands it.

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

For more information or questions regarding this report, please contact Mr. Greg Galindo at (626) 330-2126.

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GENERAL INFORMATION

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GOVERNANCE

The La Puente Valley County Water District was founded in August of 1924 and is governed by a five member Board of Directors that is elected at large from its service area. Regularly scheduled board meetings of The La Puente Valley County Water District are held on the second and fourth Monday of each month at 5:30 pm at 112 North First Street, La Puente, CA 91744. These meetings provide an opportunity for the public to participate in decisions that may affect the quality of your water.

WHERE DOES MY DRINKING WATER COME FROM?

WATER SOURCES

La Puente Valley County Water District's water supply comes from wells located in the Main San Gabriel Basin, as well as from Industry Public Utilities. (Industry Public Utilities, meanwhile, gets water both from San Gabriel Valley Water Company and La Puente Valley County Water District.) Well water is treated by an air stripping unit, ion-exchange technology, and ultraviolet light in order to ensure that it is safe and healthy to deliver to local families and businesses. These treatment technologies and processes are all permitted by the State Water Resources Control Board, Drinking Water Division (DDW).

Throughout the treatment process, your water is closely monitored and tested to ensure compliance with all Federal

and State drinking water regulations. Our dedicated staff brings substantial training, technology, and expertise to providing a safe and reliable supply of drinking water to our community, and to ensuring that these resources are available for future generations of area residents to enjoy.



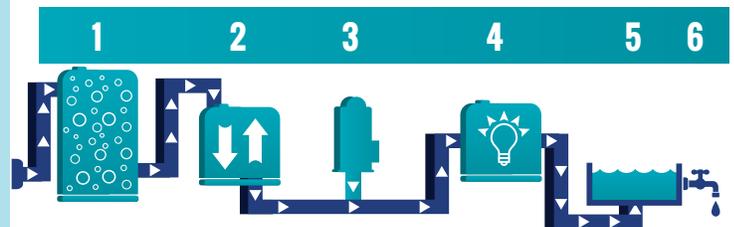
DRINKING WATER SOURCE ASSESSMENT

In accordance with the Federal Safe Drinking Water Act, an assessment of the drinking water sources for La Puente Valley County Water District was completed in March 2008. The purpose of the drinking water source assessment is to promote source water protection by identifying types of activities in the proximity of the drinking water sources which could pose a threat to the water quality. The assessment concluded that the La Puente Valley County Water District's sources are considered most vulnerable to the following activities or facilities associated with contaminants detected in the water supply: leaking underground storage tanks, known contaminant plumes and high density of housing. In addition, the sources are considered most vulnerable to the following facility not associated with contaminants detected in the water supply: transportation corridors – freeways/state highways. A copy of the complete assessment is available at La Puente Valley County Water District at 112 North First Street, La Puente, CA 91744. You may request a summary of the assessment by contacting Mr. Greg Galindo at (626) 330-2126.

An assessment of the drinking water sources for San Gabriel Valley Water Company (SGVWC) was updated in October 2008. The assessment concluded that SGVWC's sources are considered most vulnerable to the following activities or facilities associated with contaminants detected in the water supply: leaking underground storage tanks, hardware/lumber/parts stores, hospitals, gasoline stations, and known contaminant plumes. In addition, the sources are considered most vulnerable to the following activities or facilities not associated with contaminants detected in the water supply: above ground storage tanks, spreading basins, storm drain discharge points and transportation corridors. You may request a summary of the assessment by contacting Mr. Greg Galindo at (626) 330-2126.

THE TREATMENT PROCESS

La Puente Valley County Water District has developed and implemented a water treatment process comprised of separate treatment components designed to treat specific types of contaminants: after water is pumped from our wells, it flows through two parallel air stripping towers, an ion exchange system, one hydrogen peroxide injection system, and two ultraviolet light reactors operating in a series. After treatment, water is then piped to a booster station and then into the District's water system. This entire process is monitored closely and the water is sampled regularly to verify the treatment systems are effective.



Water moving through the treatment system follows the steps below:

1. Air stripping towers remove VOCs to below detection levels.
2. An ion exchange system uses resin specially manufactured to remove perchlorate.
3. A hydrogen peroxide injection system injects hydrogen peroxide in preparation for the UV reactors.
4. UV reactors remove NDMA and 1, 4-dioxane.
5. Water exiting the facility is chlorinated to provide a disinfectant residual in the water system.
6. Treated water then enters the District's water system and is delivered to your home.

WHAT ARE DRINKING WATER STANDARDS?

In order to ensure that tap water is safe to drink, the United States Environmental Protection Agency (USEPA) and DDW prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. DDW regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Drinking water standards established by USEPA and DDW set limits for substances that may affect consumer health or aesthetic qualities of drinking water. The chart in this report shows the following types of water quality standards:

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 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.

Primary Drinking Water Standard (PDWS): MCLs for contaminants that affect health along with their monitoring and reporting requirements and water treatment requirements.

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

Notification Level (NL): An advisory level which, if exceeded, requires the drinking water system to notify the governing body of the local agency in which users of the drinking water reside (i.e. city council/county board of supervisors).

In addition to mandatory water quality standards, USEPA and DDW have set voluntary water quality goals for some contaminants. Water quality goals are often set at such low levels that they are not achievable in practice and are not directly measurable. Nevertheless, these goals provide useful guideposts and direction for water management practices. The chart in this report includes three types of water quality goals:

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 USEPA.

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.

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.

WHAT CONTAMINANTS MAY BE PRESENT IN SOURCES OF DRINKING WATER?

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, which 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 gasoline stations, urban stormwater runoff, agricultural application, and septic systems.

Radioactive contaminants, which can be naturally-occurring or can be the result of oil and gas production and mining activities.

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 (1-800-426-4791).

WHAT IS IN MY DRINKING WATER?

Your drinking water is tested by certified professional water system operators and certified laboratories to ensure its safety. The chart in this report shows the average and range of concentrations of the constituents tested in your drinking water during year 2014 or from the most recent tests. The chart lists all the contaminants detected in your drinking water that have Federal and State drinking water standards. Detected unregulated contaminants of interest are also included.

ARE THERE ANY PRECAUTIONS THE PUBLIC SHOULD CONSIDER?

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).

INFORMATION ON LEAD IN DRINKING WATER

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. The La Puente Valley County Water District 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://water.epa.gov/drink/info/lead/index.cfm>

NITRATE ADVISORY

At times, nitrate in your tap water may have exceeded one-half the MCL, but it was never greater than the MCL. The following advisory is issued because in 2014 the District recorded a nitrate measurement in its treated drinking water which exceeded one-half the nitrate MCL.

“Nitrate in drinking water at levels above 45 milligrams per liter (mg/L) (or the equivalent 10 mg/L as N) is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in a serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 45 mg/L may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with certain specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask advice from your health care provider.”

2014 SAMPLE RESULTS

PRIMARY STANDARDS	ANALYTE	YEAR SAMPLED	UNIT	MCL (MRDL)	PHG (MCLG)	DLR	AVERAGE [1]	RANGE	VIOLATION	MAJOR SOURCE OF CONTAMINANT	
	INORGANIC CHEMICALS										
	Arsenic	2014	µg/l	10	0.004	2	<2 [2]	ND - 3	No	Erosion of natural deposits	
	Barium	2014	mg/l	1	2	0.1	<0.1 [2]	ND - 0.22	No	Erosion of natural deposits	
	Fluoride	2014	mg/l	2	1	0.1	0.45	0.23 - 0.54	No	Erosion of natural deposits	
	Hexavalent Chromium	2014	µg/l	10	0.02	1	2.7	2.1 - 6.3	No	Erosion of natural deposits; industrial waste discharge	
	Nitrate as NO ₃	2014	mg/l	45	45	2	30	15 - 35	No	Leaching from fertilizer use	
	Nitrate + Nitrite as N [3]	2014	mg/l	10	10	0.4	7	3.4 - 8.2	No	Leaching from fertilizer use	
	RADIOLOGICALS										
	Gross Beta Particle Activity	2013	pCi/L	15	(0)	3	<3 [2]	ND - 14	No	Erosion of natural deposits	
Uranium	2013	pCi/L	20	0.43	1	2	ND - 6.4	No	Erosion of natural deposits		
SECONDARY STANDARDS	ANALYTE	YEAR SAMPLED	UNIT	MCL (MRDL)	PHG (MCLG)	DLR	AVERAGE	RANGE	VIOLATION	MAJOR SOURCE OF CONTAMINANT	
	Chloride	2014	mg/l	500	NA	NA	32	19 - 52	No	Runoff/leaching from natural deposits	
	Odor-Threshold [7]	2014	TON	3	NA	1	1	1	No	Naturally occurring organic materials	
	Total Dissolved Solids	2014	mg/l	1,000	NA	NA	340	250 - 580	No	Runoff/leaching from natural deposits	
	Specific Conductance	2014	µmho/cm	1,600	NA	NA	510	410 - 790	No	Substances that from ions in water	
	Sulfate	2014	mg/l	500	NA	0.5	57	26 - 88	No	Runoff/leaching from natural deposits	
OTHER CONSTITUENTS OF INTEREST	ANALYTE	YEAR SAMPLED	UNIT	MCL (MRDL)	PHG (MCLG)	DLR	AVERAGE	RANGE	VIOLATION	MAJOR SOURCE OF CONTAMINANT	
	Alkalinity	2014	mg/l	NA	NA	NA	160	150 - 260	No	Runoff/leaching from natural deposits	
	Calcium	2014	mg/l	NA	NA	NA	64	54 - 110	No	Runoff/leaching from natural deposits	
	Hardness (as CaCO ₃)	2014	mg/l	NA	NA	NA	220	180 - 350	No	Runoff/leaching from natural deposits	
	Magnesium	2014	mg/l	NA	NA	NA	15	10 - 20	No	Runoff/leaching from natural deposits	
	N-Nitrosodimethylamine	2014	ng/l	NL=10	3	NA	<2 [4]	ND - 7.4	No	Treated wastewater; industrial discharge	
	pH	2014	Unit	NA	NA	NA	7.9	7.6 - 8	No	Hydrogen ion concentration	
	Potassium	2014	mg/l	NA	NA	NA	2.8	2.5 - 5.4	No	Runoff/leaching from natural deposits	
	Sodium	2014	mg/l	NA	NA	NA	23	13 - 30	No	Runoff/leaching from natural deposits	
	Vanadium	2014	µg/l	NL=50	NA	3	<3 [2]	ND - 5.1 [5]	No	Runoff/leaching from natural deposits	
UNREGULATED SUBSTANCES [6]	ANALYTE	YEAR SAMPLED	UNIT	MCL (MRDL)	PHG (MCLG)	AVERAGE	RANGE	VIOLATION	MAJOR SOURCE OF CONTAMINANT		
	Chlorate	2014	µg/l	800	NA	260	210 - 300	No	Byproduct of drinking water chlorination; industrial processes		
	Chlorodifluoromethane	2014	µg/l	NA	NA	<0.08	ND - 0.13	No	Refrigerant		
	Molybdenum	2014	µg/l	NA	NA	2.6	2.3 - 2.8	No	Runoff/leaching from natural deposits		
	Strontium	2014	µg/l	NA	NA	630	590 - 660	No	Runoff/leaching from natural deposits		
	Vanadium	2014	µg/l	50	NA	2.7	2.2 - 3.2	No	Runoff/leaching from natural deposits		
DISTRIBUTION SYSTEM WATER QUALITY	ANALYTE	YEAR SAMPLED	UNIT	MCL (MRDL)	PHG (MCLG)	AVERAGE	RANGE	MAJOR SOURCE OF CONTAMINANT			
	Total Coliform Bacteria	2014	positive/negative	< 1 positive monthly sample	0	0	--	Naturally present in the environment			
	Total Trihalomethanes	2014	µg/l	80	NA	35	13 - 35	By-product of drinking water chlorination			
	Haloacetic Acids	2014	µg/l	60	NA	16	1.1 - 16	By-product of drinking water chlorination			
	Chlorine Residual	2014	mg/l	(4)	(4)	0.95	0.74 - 1.4	Drinking water disinfectant added for treatment			
	Odor-Threshold [7]	2014	TON	3	NA	1	1	Naturally occurring organic materials			
	Turbidity [7]	2014	NTU	5	NA	<0.1 [2]	ND - 0.13	Runoff/leaching from natural deposits			
LEAD & COPPER	ANALYTE	YEAR SAMPLED	UNIT	AL	PHG (MCLG)	90TH %TILE	SITES ABOVE AL	MAJOR SOURCE OF CONTAMINANT			
	Lead	2014	µg/l	15	0.2	ND <5	1/24	Corrosion of household plumbing			
	Copper	2014	mg/l	1.3	0.3	0.11	0/24	Corrosion of household plumbing			

A total of 24 residences were tested for lead and copper in July 2014. Lead was detected in one sample, which exceeded the AL. Copper was detected in 16 samples, none of which exceeded the AL. The ALs for lead and copper are the concentrations which, if exceeded in more than ten percent of the samples tested, triggers treatment or other requirements that a water system must follow. In 2014, lead was detected over the AL in less than ten percent of the samples; therefore, La Puente Valley County Water District complied with the lead action level. The next required sampling for lead and copper will be performed in the summer of 2017.

NOTES

AL = Action Level
 DLR = Detection Limit for Purposes of Reporting
 MCL = Maximum Contaminant Level
 MCLG = Maximum Contaminant Level Goal
 mg/l = parts per million or milligrams per liter
 ng/l = parts per trillion or nanograms per liter

MRDL = Maximum Residual Disinfectant Level
 MRDLG = Maximum Residual Disinfectant Level Goal
 NA = No Applicable Limit
 ND = Not Detected at DLR
 NL = Notification Level
 TON = Threshold Odor Number

NTU = Nephelometric Turbidity Units
 pCi/l = picoCuries per liter
 PHG = Public Health Goal
 µg/l = parts per billion or micrograms per liter
 µmho/cm = micromhos per centimeter

1. The results reported in the table are average concentrations of the constituents detected in your drinking water during year 2014 or from the most recent tests. Treated water data from La Puente Valley County Water District and Industry Public Utilities.

2. Constituent was detected but the average result is less than the DLR.

3. State MCL is 45 mg/l as Nitrate, which is equivalent to 10 mg/l as N.

4. Constituent does not have a DLR. Constituent was detected but the average result is less than the analytical Method Reporting Limit.

5. Vanadium results reported are from monitoring conducted in 2009 and 2010.

6. Monitoring data from Industry Public Utilities.

7. This water quality is regulated by a secondary standard to maintain aesthetic characteristics (taste, odor, color).