

Consumer Confidence Report Certification Form

Water System Name: **LAKE PIRU PARK - UWCD**
Water System Number: **5601706**

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

2011 Consumer Confidence Report

Water System Name: **LAKE PIRU PARK - UWCD**

Report Date: **March 2012**

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, 2011

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 DHS records, this Source is Surface Water. This Assessment was done using the Surface Water System (Watershed with Zones) Method.

Your water comes from 1 source: Lake Piru - Raw.

For more information about this report, or for any questions relating to your drinking water, please call (805)317-8991 and ask for Kurt White, or visit our website at www.unitedwater.org

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.

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 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 (µg/L)

ppt: parts per trillion or nanograms per liter (ng/L)

ppq: parts per quadrillion or picograms per liter (pg/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 Health Services (Department) 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 COLIFORM BACTERIA					
Microbiological Contaminants <small>(complete if bacteria detected)</small>	Highest No. of Detections	No. of Months in Violation	MCL	MCLG	Typical Sources of Contaminant
Total Coliform Bacteria	1/mo. (2011)	0	no more than 1 positive monthly sample	0	Naturally present in the environment.
Fecal coliform	1/mo. (2011)	0	no more than 1 positive monthly sample	0	Human and animal fecal waste.

TABLE 2 - SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER						
Lead and Copper <small>(complete if lead or copper detected in the last sample set)</small>	No. of Samples Collected	90th Percentile Level	No. Site Exceeding AL	AL	PHG	Typical Sources of Contaminant
Lead (Pb) (ppb)	1 (2011)	0.30	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers, erosion of natural deposits

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TABLE 3 - 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)	2011	52	52 - 52	none	none	Salt present in the water and is generally naturally occurring
Hardness (ppm)	2011	261	261 - 261	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

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 Sources of Contaminant
Aluminum (Al) ppm	2011	0.02	0.02 - 0.02	1	0.6	Erosion of natural deposits; residue from some surface water treatment processes
Barium (Ba) ppm	2011	0.04	0.04 - 0.04	1	2	Discharge from oil drilling wastes and from metal refineries; erosion of natural deposits

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)	Typical Sources of Contaminant
Chloride ppm	2011	48	48 - 48	500	n/a	Runoff/leaching from natural deposits; seawater influence
Iron (Fe) ppb	2011	110	100 - 100	300	n/a	Leaching from natural deposits; Industrial wastes
Specific Conductance umhos/cm	2011	722	722 - 722	1600	n/a	Substances that form ions when in water; seawater influence
Sulfate (SO ₄) ppm	2011	172	172 - 172	500	n/a	Runoff/leaching from natural deposits; industrial wastes
TDS ppm	2011	480	480 - 480	1000	n/a	Runoff/leaching from natural deposits

TABLE 6 - DETECTION OF UNREGULATED CONTAMINANTS					
Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Health Effects Language
Boron ppm	2011	0.4	0.4 - 0.4 (2011)	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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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. *LAKE PIRU PARK - UWCD* 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 LAKE PIRU - RAW of the LAKE PIRU PARK - UWCD water system in March, 2003.

Lake Piru -Raw - is considered most vulnerable to the following activities not associated with any detected contaminants:
Recreational area - surface water source

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."

- Recreational activities (swimming, boating, fishing, hiking)
- Wastewater Reclamation Plants
- Citrus Orchards
- Herbicide, Pesticide and Fertilizer application
- Irrigation practices and effects
- Urban stormwater runoff, landfill operations
- Geological hazards - Earthquake faults, landslides
- Natural Hazards- forest fires
- Septic systems
- Oil field operations

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Acquiring Info

A copy of the complete assessment may be viewed at:

1180 Eugenia Place, Suite 200

Carpinteria

CA, CA 93013

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

KURT SOUZA

DISTRICT ENGINEER

805 566 1326

LAKE PIRU PARK - UWCD

Analytical Results By FGL - 2011

MICROBIOLOGICAL CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Total Coliform Bacteria			0	5%				50.0 %	0 - 1
Lake Piru Campg	SP 1112441-001					12/05/2011	Absent		
LAKE PIRU-RAW	SP 1112441-002					12/05/2011	7		
Lake Piru Campg	SP 1111397-001					11/03/2011	Absent		
Lake Piru - Raw	SP 1111397-002					11/03/2011	<2		
Lake Piru Campg	SP 1110282-001					10/06/2011	Absent		
Lake Piru - Raw	SP 1110282-002					10/06/2011	<2		
Lake Piru Campg	SP 1108908-001					09/01/2011	Absent		
LAKE PIRU-RAW	SP 1108908-002					09/01/2011	8		
Lake Piru Campg	SP 1107790-001					08/04/2011	Absent		
Lake Piru - Raw	SP 1107790-002					08/04/2011	<2		
Lake Piru Campg	SP 1106834-001					07/08/2011	Absent		
LAKE PIRU-RAW	SP 1106834-002					07/08/2011	7		
Lake Piru Campg	SP 1105737-001					06/10/2011	Absent		
LAKE PIRU-RAW	SP 1105737-002					06/10/2011	22		
Lake Piru Campg	SP 1104495-001					05/06/2011	Absent		
LAKE PIRU-RAW	SP 1104495-002					05/06/2011	27		
Lake Piru Campg	SP 1103500-001					04/07/2011	Absent		
Lake Piru - Raw	SP 1103500-002					04/07/2011	300		
Lake Piru Campg	SP 1102271-001					03/04/2011	Absent		
LAKE PIRU-RAW	SP 1102271-002					03/04/2011	23		
Lake Piru Campg	SP 1101122-001					02/02/2011	Absent		
LAKE PIRU-RAW	SP 1101122-002					02/02/2011	4		
Lake Piru Campg	SP 1100190-001					01/06/2011	Absent		
LAKE PIRU-RAW	SP 1100190-002					01/06/2011	17		
Fecal coliform			0					50.0 %	0 - 1
Lake Piru Campg	SP 1112441-001					12/05/2011	Absent		
LAKE PIRU-RAW	SP 1112441-002					12/05/2011	4		
Lake Piru Campg	SP 1111397-001					11/03/2011	Absent		
Lake Piru - Raw	SP 1111397-002					11/03/2011	<2		
Lake Piru Campg	SP 1110282-001					10/06/2011	Absent		
Lake Piru - Raw	SP 1110282-002					10/06/2011	<2		
Lake Piru Campg	SP 1108908-001					09/01/2011	Absent		
LAKE PIRU-RAW	SP 1108908-002					09/01/2011	<2		
Lake Piru Campg	SP 1107790-001					08/04/2011	Absent		
Lake Piru - Raw	SP 1107790-002					08/04/2011	<2		
Lake Piru Campg	SP 1106834-001					07/08/2011	Absent		
LAKE PIRU-RAW	SP 1106834-002					07/08/2011	<2		
Lake Piru Campg	SP 1105737-001					06/10/2011	Absent		
LAKE PIRU-RAW	SP 1105737-002					06/10/2011	<2		
Lake Piru Campg	SP 1104495-001					05/06/2011	Absent		
LAKE PIRU-RAW	SP 1104495-002					05/06/2011	<2		
Lake Piru Campg	SP 1103500-001					04/07/2011	Absent		
Lake Piru - Raw	SP 1103500-002					04/07/2011	<2		
Lake Piru Campg	SP 1102271-001					03/04/2011	Absent		
LAKE PIRU-RAW	SP 1102271-002					03/04/2011	2		
Lake Piru Campg	SP 1101122-001					02/02/2011	Absent		
LAKE PIRU-RAW	SP 1101122-002					02/02/2011	<2		
Lake Piru Campg	SP 1100190-001					01/06/2011	Absent		
LAKE PIRU-RAW	SP 1100190-002					01/06/2011	<2		

LEAD AND COPPER RULE									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Lead (Pb)		ppb	0	15	0.2			0.30	1
LAKE PIRU-RAW	SP 1107014-001	ppb				07/14/2011	0.300		

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)

LAKE PIRU PARK - UWCD

Analytical Results By FGL - 2011

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		ppm		none	none			52	52 - 52
Sodium									
LAKE PIRU-RAW	SP 1107014-001	ppm				07/14/2011	52.0		
Hardness		ppm		none	none			261	261 - 261
LAKE PIRU-RAW	SP 1107014-001	ppm				07/14/2011	261		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Aluminum (Al)		ppm		1	0.6			0.02	0.02 - 0.02
LAKE PIRU-RAW	SP 1107014-001	ppm				07/14/2011	0.0200		
Barium (Ba)		ppm	2	1	2			0.04	0.04 - 0.04
LAKE PIRU-RAW	SP 1107014-001	ppm				07/14/2011	0.0387		

SECONDARY DRINKING WATER STANDARDS (SDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		ppm		500				48	48 - 48
LAKE PIRU-RAW	SP 1107014-001	ppm				07/14/2011	48.0		
Iron (Fe)		ppb		300				110	100 - 100
LAKE PIRU-RAW	SP 1107014-001	ppb				07/14/2011	110		
Specific Conductance		umhos/cm		1600				722	722 - 722
LAKE PIRU-RAW	SP 1107014-001	umhos/cm				07/14/2011	722		
Sulfate (SO4)		ppm		500				172	172 - 172
LAKE PIRU-RAW	SP 1107014-001	ppm				07/14/2011	172		
TDS		ppm		1000				480	480 - 480
LAKE PIRU-RAW	SP 1107014-001	ppm				07/14/2011	480		

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Boron		ppm		NS				0.4	0.4 - 0.4
LAKE PIRU-RAW	SP 1107014-001	ppm				07/14/2011	0.400		

LAKE PIRU PARK - UWCD CCR Login Linkage - 2011

FGL CODE	DATE SAMPLED	LAB ID	METHOD	DESCRIPTION	PROPERTY
Lake Piru - Raw	04/07/2011	SP 1103500-002	Coliform	Lake Piru - Raw	Lake Piru Campground
	08/04/2011	SP 1107790-002	Coliform	Lake Piru - Raw	Lake Piru Campground
	10/06/2011	SP 1110282-002	Coliform	Lake Piru - Raw	Lake Piru Campground
	11/03/2011	SP 1111397-002	Coliform	Lake Piru - Raw	Lake Piru Campground
Lake Piru Campg	01/06/2011	SP 1100190-001	Coliform	Lake Piru Campground	Lake Piru Campground
	02/02/2011	SP 1101122-001	Coliform	Lake Piru Campground	Lake Piru Campground
	03/04/2011	SP 1102271-001	Coliform	Lake Piru Campground	Lake Piru Campground
	04/07/2011	SP 1103500-001	Coliform	Lake Piru Campground	Lake Piru Campground
	05/06/2011	SP 1104495-001	Coliform	Lake Piru Campground	Lake Piru Campground
	06/10/2011	SP 1105737-001	Coliform	Lake Piru Campground	Lake Piru Campground
	07/08/2011	SP 1106834-001	Coliform	Lake Piru Campground	Lake Piru Campground
	08/04/2011	SP 1107790-001	Coliform	Lake Piru Campground	Lake Piru Campground
	09/01/2011	SP 1108908-001	Coliform	Lake Piru Campground	Lake Piru Campground
	10/06/2011	SP 1110282-001	Coliform	Lake Piru Campground	Lake Piru Campground
	11/03/2011	SP 1111397-001	Coliform	Lake Piru Campground	Lake Piru Campground
	12/05/2011	SP 1112441-001	Coliform	Lake Piru Campground	Lake Piru Campground
LAKE PIRU- RAW	06/04/2008	SP 0806081-001	General Mineral	Lake Piru - Raw	LAKE PIRU PARK - UWCD
	10/07/2008	SP 0811056-001	General Mineral	Lake Piru - Raw	Lake Piru - Water Quality
	10/07/2008	SP 0811056-001	Metals, Total	Lake Piru - Raw	Lake Piru - Water Quality
	08/06/2009	SP 0907858-001	General Mineral	Lake Piru - Raw	Lake Piru - Water Quality
	08/06/2009	SP 0907858-001	Metals, Total	Lake Piru - Raw	Lake Piru - Water Quality
	08/05/2010	SP 1007857-001	General Mineral	Lake Piru - Raw	Lake Piru - Water Quality
	08/05/2010	SP 1007857-001	Metals, Total	Lake Piru - Raw	Lake Piru - Water Quality
	01/06/2011	SP 1100190-002	Coliform	Lake Piru - Raw	Lake Piru Campground
	02/02/2011	SP 1101122-002	Coliform	Lake Piru - Raw	Lake Piru Campground
	03/04/2011	SP 1102271-002	Coliform	Lake Piru - Raw	Lake Piru Campground
	05/06/2011	SP 1104495-002	Coliform	Lake Piru - Raw	Lake Piru Campground
	06/10/2011	SP 1105737-002	Coliform	Lake Piru - Raw	Lake Piru Campground
	07/08/2011	SP 1106834-002	Coliform	Lake Piru - Raw	Lake Piru Campground
	07/14/2011	SP 1107014-001	General Mineral	Lake Piru - Raw	Lake Piru - Water Quality
07/14/2011	SP 1107014-001	Metals, Total	Lake Piru - Raw	Lake Piru - Water Quality	
09/01/2011	SP 1108908-002	Coliform	Lake Piru - Raw	Lake Piru Campground	
12/05/2011	SP 1112441-002	Coliform	Lake Piru - Raw	Lake Piru Campground	