



**Los Cerros Water Company, Inc.**  
 4003 North Flowing Wells Road, Suite 111  
 Tucson, AZ 85705-2499

**Telephone: 520-293-5500**  
**Fax: 520-293-3810**  
**Email Address: loscerroswater@comcast.net**  
**Website: http://www.loscerroswater.com**



## Consumer Confidence Report For Calendar Year 2017

Este informe contiene información muy importante sobre el agua usted bebe.  
 Tradúscalo ó hable con alguien que lo entienda bien.

### Public Water System (PWS) Information

<b>PWS ID Number</b>	<b>PWS Name</b>		
AZ 04 10-128	Los Cerros Water Company, Inc.		
<b>Contact Person and Title</b>		<b>Phone Number</b>	<b>E-Mail Address</b>
Jody Carlson, President		520-293-5500	loscerroswater@comcast.net

### Drinking Water Sources

The sources of drinking water (both tap 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.

In order to ensure that tap water is safe to drink, EPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

**Our water source(s):** In 2017 Los Cerros Water Company, Inc. received its supply of groundwater from 5 wells located within the Basin and Range Province of Arizona. Los Cerros Water is part of Arizona's Source Water Assessment Program. Our water source is located in a low risk area. Four well sites are equipped to chlorinate the system with calcium hydrochlorite tablets. One well site uses hydrochlorite solution. The chlorination protects against bacteriological contaminants. Los Cerros serves a portion of the Catalina, Arizona area. Our service area includes the East ½ of Section 16, all of Section 15, the Southwest ¼ of Section 22 in Township 11 South, Ranch 14 East in Pima County, Arizona. As of December 2017 we had approximately 859 service connections.

### Consecutive Connection Sources

Check here if this section does not apply to this system

**Los Cerros Water Company, Inc. does NOT receive water from other sources of water.**

### Drinking Water Contaminants

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, 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 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, which are by-products of industrial processes and petroleum production, and also may come from gas stations, urban stormwater runoff, and septic systems.

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

## Vulnerable Population

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. 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. For more information about contaminants and potential health effects, or to receive a copy of the U.S. Environmental Protection Agency (EPA) and the U.S. Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and microbiological contaminants call the;

**EPA Safe Drinking Water Hotline at 1-800-426-4791**

## Definitions

**Treatment Technique (TT):** A required process intended to reduce the level of a contaminant in drinking water.

**Level 1 Assessment:** A study of the water system to identify potential problems and determine (if possible) why total coliform bacteria was present

**Level 2 Assessment:** A very detailed study of the water system to identify potential problems and determine (if possible) why an *E. coli* MCL violation has occurred and/or why total coliform bacteria was present

**Action Level (AL):** The concentration of a contaminant which, if exceeded, triggers treatment or other requirements.

**Maximum Contaminant Level (MCL):** The highest level of a contaminant that is allowed in 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.

**Maximum Residual Disinfectant Level (MRDL):** The level of disinfectant added for water treatment that may not be exceeded at the consumer's tap.

**Maximum Residual Disinfectant Level Goal (MRDLG):** The level of disinfectant added for treatment at which no known or anticipated adverse effect on health of persons would occur.

**Minimum Reporting Limit (MRL):** The smallest measured concentration of a substance that can be reliably measured by a given analytical method

**Millirems per year (MREM):** A measure of radiation absorbed by the body

**Not Applicable (NA):** Sampling was not completed by regulation or was not required

**Not Detected (ND or <):** Not detectable at reporting limit

**Nephelometric Turbidity Units (NTU):** A measure of water clarity

**Million fibers per liter (MFL)**

**Picocuries per liter (PCi/L):** Measure of the radioactivity in water

**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)

ppm x 1000 = ppb

ppb x 1000 = ppt

ppt x 1000 = ppq

## Lead Informational Statement:

Lead, in drinking water, is primarily from materials and components associated with service lines and home plumbing. If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. **LOS CERROS WATER COMPANY, INC.** 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. 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 [www.epa.gov/safewater/lead](http://www.epa.gov/safewater/lead).

## Source Water Assessment

Water ID	Source Water	Land Use	LAND USE EVALUATION				SUSCEPTIBILITY		
			Permit Status or Active BMP's	Historic Reportable Releases or Spills	Releases or Spills Remediated	ALU Rating	Evaluation Date	Hydro-geology Sensitivity	Risk to Source Water
55-802342	(1) Wilds Rd Well	None	N/A	N/A	N/A	N/A		YES	LOW
55-805783	(2) Fiesta Well	None	N/A	N/A	N/A	N/A		YES	LOW
55-804734	(3) LDO Well	None	N/A	N/A	N/A	N/A		YES	LOW

### Water Quality Data – Regulated Contaminants

Microbiological (RTCR)	TT Violation Y or N	Number of Positive Samples	Positive Sample(s) Month & Year	MCL	MCLG	Likely Source of Contamination	
E. Coli	N	0	N/A	0	0	Human and animal fecal waste	
Fecal Indicator (From GWR source) (coliphage, enterococci and/or E. coli)	N	0	N/A	0	0	Human and animal fecal waste	
Disinfectants	MCL Violation Y or N	Running Annual Average (RAA)	Range of All Samples (Low-High)	MRDL	MRDLG	Sample Month & Year	Likely Source of Contamination
Chlorine/Chloramine (ppm)	N	.33	.17 to .62	4	0	4 <sup>th</sup> Qtr 2017	Water additive used to control microbes
Disinfection By-Products	MCL Violation Y or N	Running Annual Average (RAA) OR Highest Level Detected	Range of All Samples (Low-High)	MCL	MCLG	Sample Month & Year	Likely Source of Contamination
Haloacetic Acids (HAA5) (ppb)	N	<2.0 ppb	<2.0 ppb	60	N/A	8/2016	Byproduct of drinking water disinfection
Total Trihalomethanes (TTHM) (ppb)	N	1.0 ppb	0 to 2.0 ppb	80	N/A	8/2016	Byproduct of drinking water disinfection
Bromate (ppb) if treated with Ozone	N/A			10	0		Byproduct of drinking water disinfection
Chlorite (ppm) if treated with ClO <sub>2</sub>	N/A			1	0.8		Byproduct of drinking water disinfection
Lead & Copper	MCL Violation Y or N	90 <sup>th</sup> Percentile	Number of Samples Exceeds AL	AL	ALG	Sample Month & Year	Likely Source of Contamination
Copper (ppm)	N	.27 ppm	0	1.3	1.3	6/2017	Corrosion of household plumbing systems; erosion of natural deposits
Lead (ppb)	N	2.2 ppb	0	15	0	06/2017	Corrosion of household plumbing systems; erosion of natural deposits
Radionuclides	MCL Violation Y or N	Running Annual Average (RAA) OR Highest Level Detected	Range of All Samples (Low-High)	MCL	MCLG	Sample Month & Year	Likely Source of Contamination
Beta/Photon Emitters (mrem/yr.)				4	0		Decay of natural and man-made deposits
Alpha Emitters (pCi/L) (This is Gross Alpha 4000)	N	1.1 +/- 0.3	1.1 +/- 0.3	15	0	03/2016	Erosion of natural deposits
Combined Radium-226 & -228 (pCi/L)	N	<0.7	<0.7	5	0	03/2016	Erosion of natural deposits
Uranium (ug/L)				30	0		Erosion of natural deposits

Inorganic Chemicals (IOC)	MCL Violation Y or N	Running Annual Average (RAA) OR Highest Level Detected	Range of All Samples (Low-High)	MCL	MCLG	Sample Month & Year	Likely Source of Contamination
Asbestos (MFL)	N	<.02	<0.02	7	7	03/2015	Decay of asbestos cement water mains; Erosion of natural deposits
Barium (ppm)	N	.053 ppm	.047 - .062	2	2	2/2012 & 03/2015	Discharge of drilling wastes; discharge from metal refineries; Erosion of natural deposits
Fluoride (ppm)	N	.25 ppm	.17 - .29	4	4	02/2012 & 03/2015	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Nitrate <sup>2</sup> (ppm)	N	1.64 ppm	<.1 – 2.8 ppm	10	10	03/2017	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Sodium (ppm)	N	17.6 ppm	12-19	N/A	N/A	02/2012 & 03/2015	Erosion of natural deposits

<sup>1</sup> Arsenic is a mineral known to cause cancer in humans at high concentration and is linked to other health effects, such as skin damage and circulatory problems. If arsenic is less than or equal to the MCL, your drinking water meets EPA's standards. EPA's standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water, and continues to research the health effects of low levels of arsenic.

<sup>2</sup> Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause "blue baby syndrome." Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, and detected nitrate levels are above 5 ppm, you should ask advice from your health care provider.

Synthetic Organic Chemicals (SOC)	MCL Violation Y or N	Running Annual Average (RAA) OR Highest Level Detected	Range of All Samples (Low-High)	MCL	MCLG	Sample Month & Year	Likely Source of Contamination
Dibromochloropropane (ppt)	N	<10	<10	200	0	03/2016	Runoff/leaching from soil fumigant used on soybeans, cotton, pineapples, and orchards
Volatile Organic Chemicals (VOC)	MCL Violation Y or N	Running Annual Average (RAA) OR Highest Level Detected	Range of All Samples (Low-High)	MCL	MCLG	Sample Month & Year	Likely Source of Contamination
None detected							

#### Violation Summary (for MCL, MRDL, AL, TT, or Monitoring & Reporting Requirement)

Violation Type	Explanation, Health Effects	Time Period	Corrective Actions
Jul 2017: Missed monitoring for RTCR (3 Samples Required)	Los Cerros forgot to sample for RTCR in July 2017	15 Days	Completed Monthly RTCR samples on August 2, 2018 which showed that the water was absent of Bacteria Coliform.
3 <sup>rd</sup> Qtr 2017: Late data reporting for Chlorine/Chloramine MRDL's	Los Cerros failed to send report for 3 <sup>rd</sup> Quarter by required date (10 days after monitoring period)	20 Days	Sent in report to ADEQ on Nov. 1, 2018.
Aug 2017: Missed monitoring for Stage 2 Disinfection By-Products	Los Cerros misunderstood the new Rule and did testing in June instead of August.	365 Days	Los Cerros will perform the Stage 2 tests as required in August 2018
Monitoring and Reporting deficiency Radionuclides	ADEQ's Monitoring Assistance Program (MAP) had internal schedule conflicts which led to missed monitoring.	9Y 2009-2017	MAP came out to sample this contaminant in the 1 <sup>st</sup> quarter of 2018.

An explanation of the violation(s) in the above table, the steps taken to resolve the violation(s) and any required health effects information are required to be included with this report. (Attach copy of Public Notice if available.)

## TIER 3 PUBLIC NOTICE

### IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

#### Monitoring Requirements Not Met for Los Cerros Water Company Inc.

Our water system violated drinking water standards over the past year. Even though these were not emergencies, as our customers, you have a right to know what happened and what we did to correct these situations.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During the compliance periods indicated in the table below, we did not complete all monitoring or testing for the contaminant(s) listed in the table and therefore cannot be sure of the quality of our drinking water during that time.

#### What should I do?

There is nothing you need to do at this time.

The table below lists the contaminant(s) we did not properly test for during the last year; how often we are supposed to sample and how many samples we are supposed to take; how many samples we took; when samples should have been taken; and the date on which follow-up samples were (or will be) taken.

Contaminant	Required sampling frequency	Number of samples taken	When samples should have been taken	When samples were/will be taken
Total Coliform Bacteria	Monthly	0	July 2017	August 2017
Total Trihalomethanes/ Haloacetic Acids	Annually	2	August 2017	Samples were incorrectly taken in June 2017. Compliance Samples will be taken in August 2018

#### What is being done?

Missed samples have been already made up for or are scheduled to be taken by the end of this summer.

For more information, please contact:

Jody Carlson at 520-293-5500 or [LOSCERROSWATER@COMCAST.NET](mailto:LOSCERROSWATER@COMCAST.NET)

Please share this information with other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by Los Cerros Water Company Inc.  
State Water System ID#: AZ0410128  
Date distributed: 05/16/2018

## TIER 3 PUBLIC NOTICE

### IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

#### Monitoring Requirements Not Met for LOS CERROS WATER COMPANY INC

Our water system violated drinking water standards over the past year. Even though these were not emergencies, as our customers, you have a right to know what happened and what is being done to correct these situations.

We are enrolled in the Monitoring Assistance Program (MAP), run by the Arizona Department of Environmental Quality's (ADEQ) Drinking Water Program. This program comes out to our water system and performs certain required to monitoring which analyzes your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards.

Due to internal scheduling conflicts within ADEQ, during 2009-2017 the contaminants listed below were not monitored or tested and therefore we cannot be sure of the quality of our drinking water during that time.

#### What should I do?

There is nothing you need to do at this time.

The table below lists the contaminant(s) that were not properly test for during the last year; how often each are supposed to sampled and how many samples were supposed to taken; how many samples were took; when samples should have been taken; and the date on which follow-up samples were (or will be) taken.

Contaminant	Required sampling frequency	Number of samples taken	When samples should have been taken	When samples were taken
Radionuclides	1 per 9 years	0	2009-2017	March 2018

#### What is being done?

Samples are scheduled to be taken by MAP by the end pf the second quarter of 2018, so that we can be assured of the water quality and take follow-up action that are required by the Safe Drinking Water Act if the water does not meet the health standards. Additionally, ADEQ's Monitoring Assistance Program has already begun to perform corrective actions to ensure that these samples are not missed during future monitoring periods.

For more information, please contact:

Jody Carlson at 520-293-5500 or [LOSCERROSWATER@COMCAST.NET](mailto:LOSCERROSWATER@COMCAST.NET)

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