

**Consumer Confidence Report
Certification Form**
(To be submitted with a copy of the CCR)



Water System Name: Cold Springs Water Company

Water System Number: 5510011

The water system named above hereby certifies that its Consumer Confidence Report was distributed on June 2, 2014 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 California Department of Public Health.

Certified by: Name: Sandra Tucker
Signature: _____
Title: bookkeeper
Phone Number: (209) 965-3716 Date: June 2, 2014

To summarize report delivery used and good-faith efforts taken, please complete this page by checking all items that apply and fill-in where appropriate:

- CCR was distributed by mail or other direct delivery methods (attach description of other direct delivery methods used).
- CCR was distributed using electronic delivery methods described in the Guidance for Electronic Delivery of the Consumer Confidence Report (water systems utilizing electronic delivery methods must complete the second page).
- "Good faith" efforts were used to reach non-bill paying consumers. Those efforts included the following methods:
 - Posting the CCR at the following URL: www._____
 - Mailing the CCR to postal patrons within the service area (attach zip codes used)
 - Advertising 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 newspaper and date published)
 - Posted the CCR in public places (attach a list of locations)
 - Delivery of multiple copies of CCR to single-billed addresses serving several persons, such as apartments, businesses, and schools
 - Delivery to community organizations (attach a list of organizations)
 - Publication of the CCR in the electronic city newsletter or electronic community newsletter or listserv (attach a copy of the article or notice)
 - Electronic announcement of CCR availability via social media outlets (attach list of social media outlets utilized)
 - Other (attach a list of other methods used)
- For systems serving at least 100,000 persons: Posted CCR on a publicly-accessible internet site at the following URL: www._____
- For privately-owned utilities: Delivered the CCR to the California Public Utilities Commission

Cold Springs Water Company, Inc.
29820 Highway 108
Cold Springs, CA 95335
209 965-3716



Consumer Confidence Report
2013

Cold Springs Water Company is committed to providing the residents of Cold Springs and Peter Pam with a safe and reliable supply of high-quality drinking water. This annual “**Consumer Confidence Report**,” tells you where your water comes from, what it contains, and how it compares to state standards. We are committed to providing you with information because informed customers are our best allies.

We are in our third year of record-low rainfall and as a result California is experiencing shrinking reservoirs, below-average snowfall and record-breaking low flows in several rivers and streams. Because of this Governor Brown has implemented a 20% water conservation requirement for all of California and Tuolumne Utilities District has mandated a 50% water restriction this year for their customers. The flow in our primary water source of Kerns creek is no exception. The flow is much lower than usual for this time of year. We are asking our customers to please conserve water as much as possible. You can do this by eliminating all outside watering and washing of cars, boats, and trailers. By limiting your shower to five minutes or less you can save up to 1,000 gallons of water a month. Please be sure to fix all leaks inside and outside of your home.

Our non-revenue water for 2013 was 21.1% of all water produced. We expect it to improve for 2014; we replaced a failing check valve at the river pump house. We also made other repairs throughout the system and expect the non-revenue water percentage to fall.

Our water is tested using sophisticated equipment and advanced procedures. The water provided by Cold Springs Water Company exceeds state and federal standards for both appearance and safety. Once again we are proud to report that our system has never violated a maximum contaminant level or any other water quality standard.

The primary source of water supply for Cold Springs Water Company is Kerns Creek, which is a tributary of the north fork of the Tuolumne River. This creek is spring fed and has a watershed of approximately two square miles. Our watershed is in and below a designated experimental forest, and spotted owl habitat, therefore there will be no logging or any other activities in the area. Sources of contamination here are almost zero due to its location and the cancellation of grazing rights for cattle. We have a permit granted us by the U.S. Forest Service for our small diversion dam. It is inspected at least four times a month and is drained and cleaned biannually.

The well in Peter Pam (state well no. 57914) is our secondary water source. It is 580 feet deep, comprised of lava conglomerate dark gray sand stone from 290 feet to 405 feet and from 405 feet to 580 feet hard granite. At a pump setting of 328 feet it we have it set to pump at 75 gallons per minute.

To ensure that tap water is safe to drink, the Environmental Protection Agency (EPA) prescribes limits on the amount of certain contaminants in water provided by public water systems. Drinking water, including bottled water, may reasonably be expected to contain small amounts of some contaminants. The presence of contaminants 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. More information about contaminates and potential health effects can be obtained by calling the USEPA’s Safe Drinking Water Hotline (1-800-426-4791).

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 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, which may come from sewage treatment plants, septic systems, agricultural livestock operation, and wildlife.
- Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- Pesticides and herbicides, which come from a variety of sources such as agriculture and residential uses.
- Organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and can also come from gas stations, and septic systems.
- Radioactive contaminants, which can be naturally occurring or can be the result of oil and gas production or mining activities.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-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* are available from the Safe Drinking Water Hotline (1-800-426-4791).

Water Quality Data

PRIMARY STANDARDS - MANDATORY HEALTH RELATED STANDARDS ESTABLISHED BY THE STATE OF CALIFORNIA, DEPARTMENT OF HEALTH SERVICES.

<u>PARAMETER</u>	<u>UNITS</u>	<u>MCL</u>	<u>Kerns Creek</u>
<u>CLARITY</u>			
Average raw Turbidity	NTU	5	.30
Average treated Turbidity			.098

Turbidity is a measure of the cloudiness of the water. We monitor it because it is a good indicator of the effectiveness of our filtration system.

MICROBIOLOGICAL (1)

Samples are taken from each distribution point each month

Coliform Bacteria number of positive samples	0
Fecal coliforms or E.coli, number of positive samples	0

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, bacteria may be present. Fecal coliforms and E.coli are bacteria whose presence indicate that the water may be contaminated with human or animal wastes.

Average Chlorine Residuals	.62 mg/L
Maximum allowed	4.0 mg/L

The addition of chlorine is a required process intended to reduce the level of contaminants in drinking water.

REGULATED ORGANIC CHEMICALS (1)

Test date 09/2013

Bromodichloromethane	NS	ND
Bromoform	NS	ND
Chloroform	NS	ND
Dibromochloromethane	NS	ND
Total Trihalomethanes	80	ND
Dibromoacetic Acid	NS	ND
Dichloroacetic Acid	NS	16.8
Chloroacetic Acid	NS	ND
Bromoacetic Acid	NS	ND
Trichloroacetic Acid	NS	12.8
Total Haloacetic Acids	60	29.6

These are by products of drinking water disinfection. Some people who drink water containing these in excess of the MCL over many years may experience adverse health affects.

REGULATED ORGANIC CHEMICALS (2)
AND UNREGULATED ORGANIC CHEMICALS
 Kerns Creek
 9/2013
 ND

Peter Pam
Well
 6/2010
 ND

All Chemicals tested

INORGANIC CHEMICALS (2)			Kerns Creek	Peter Pam Well
PARAMETER	UNITS	MCL		
Test date			5/2013	5/2011
Aluminum	UG/L	1000	ND	ND
Antimony	UG/L	6	ND	ND
Arsenic	UG/L	10	ND	ND
Barium	UG/L	1000	ND	ND
Beryllium	UG/L	4	ND	ND
Cadmium	UG/L	5	ND	ND
Chromium	UG/L	50	ND	ND
Copper	UG/L	1000	ND	ND
Iron	UG/L	300	ND	ND
Lead	UG/L	50	ND	ND
Manganese	UG/L	50	ND	ND
Mercury	UG/L	2	ND	ND
Nickel	UG/L	100	ND	ND
Nitrate as N (Nitrogen)	UG/L	10000	ND	ND
Nitrate + Nitrate as N	UG/L	1000	ND	ND
Selenium	UG/L	50	ND	ND
Silver	UG/L	100	ND	ND
Thallium	UG/L	2	ND	ND
Perchlorate	UG/L	6	ND	ND

Perchlorate is an inorganic chemical used in solid rocket propellant, fireworks, explosives, flares, matches and a variety of industries.

SECONDARY STANDARDS (2) - AESTHETIC STANDARDS ESTABLISHED BY THE STATE OF CALIFORNIA, DEPARTMENT OF HEALTH SERVICES. Secondary MCL's are set to protect the odor, taste, and appearance of drinking water.

PARAMETER	UNITS	MCL	Kerns Creek	Peter Pam Well	
Test Date			5/2013	5/2011	
Total Filterable Residue	MG/L	1000	72	158	
Color	UNITS	15	3	3	Naturally occurring organic materials
Odor Threshold	UNITS	3	1.0	1.0	Naturally occurring organic materials
Chloride	MG/L	500	ND	1.8	Leaching from natural deposits
Foaming Agents (MBAs)	MG/L	0.5	ND	ND	Industrial waste deposits
Sulfate	MG/L	500	2.44	2.11	Leaching from natural deposits
Specific Conductance (EC)	UMHO/CM	900	113	252	Substances that form ions when in water

ADDITIONAL CONSTITUENTS ANALYZED (2)			Kerns Creek	Peter Pam Well	
Test Date			5/2013	5/2011	
Total Hardness	MG/L	NS	45	79	Hardness" is the sum of polyvalent cations present in the water, generally magnesium and calcium. Cations are naturally occurring. Sodium refers to the salt present in water and is generally naturally occurring.
Calcium	MG/L	NS	12	15	
Magnesium	MG/L	NS	3.7	9.8	
Sodium	MG/L	NS	6.4	6.9	
Potassium	MG/L	NS	2.2	3.9	
Total Alkalinity	MG/L	NS	30	75	
Hydroxide	MG/L	NS	ND	ND	
Carbonate	MG/L	NS	ND	ND	
Bicarbonate	MG/L	NS	36.6	131	
Nitrite (As NO3)	MG/L	45	ND	ND	
Fluoride (natural-source)	MG/L	2	ND	ND	
Zinc	UG/L	5000	ND	ND	

<u>RADIOLOGICAL CHEMICALS (2)</u>		Kerns Creek	Peter Pam Well
Tested 06/2007			
Gross Alpha	pCi/L	15	0 .988
Gross Alpha MDA95	pCi/L		1.2 1.1
Total Radium 228	pCi/L	2	0 0
Total Radium 228 MDA9	pCi/L		.5 .5

Radioactive contaminants are caused by the decay and erosion of natural and man-made deposits. Drinking water with excess of the MCL over many years may have adverse health affects.

Lead & Copper (water tested from inside homes)		Number of samples	90 th percentile
Tested 09/2011 UNITS			
Lead	UG/L	.015 10	0 (ND)
Copper	UG/L	1000 10	88

Concerning Lead

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. Cold Springs Water Company 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 form the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

LEGEND

- MCL MAXIMUM CONTAMINATE LEVEL-
The highest level of a contaminant that is allowed in drinking water.
- NS NO STANDARD
- NTU NEPHELOMETRIC TURBIDITY UNITS
- ND NONE DETECTED
- MG/L MILLIGRAMS PER LITER (PARTS PER MILLION)
- UG/L MICROGRAMS PER LITER (PARTS PER BILLION)
- (1) ANALYSIS PERFORMED ON TREATED WATER
- (2) ANALYSIS PERFORMED ON RAW WATER

We are happy to answer any questions you may have about our water quality. Please contact Jeff Kerns, Dave Falk or Sandra Tucker at Cold Springs Water Company, 29820 Highway 108, Cold Springs, CA 95335. (209) 965-3716.