

2011 Consumer Confidence Report

Water System Name: USFS – Sunset Point Campground Report Date: 6/1/2012

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, 2012 and may include earlier monitoring data.

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

Type of water source(s) in use: Groundwater

Name & location of source(s): Sunset Campground Well

Drinking Water Source Assessment information: 02/2003 – Copy Attached

Time and place of regularly scheduled board meetings for public participation: N/A

For more information, contact: _____ Phone: () _____

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 (USEPA).

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 and MRDLs 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 that 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 picogram per liter (pg/L)

pCi/L: picocuries per liter (a measure of radiation)

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*, 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, that are by-products of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, agricultural application, and septic systems.
- *Radioactive contaminants*, that can be naturally-occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the USEPA and the California Department of Public Health (Department) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Department regulations also establish limits for contaminants in bottled water that provide the same protection for public health.

Tables 1, 2, 3, 4, 5, 7, and 8 list all of the drinking water contaminants that were detected during the most recent sampling for the constituent. 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 (complete if bacteria detected)	Highest No. of Detections	No. of months in violation	MCL	MCLG	Typical Source of Bacteria
Total Coliform Bacteria	Absent	0	More than 1 sample in a month with a detection	0	Naturally present in the environment
Fecal Coliform or <i>E. coli</i>	Absent	0	A routine sample and a repeat sample detect total coliform and either sample also detects fecal coliform or <i>E. coli</i>	0	Human and animal fecal waste

TABLE 2 – SAMPLING RESULTS SHOWING THE DETECTION OF LEAD AND COPPER

Lead and Copper (complete if lead or copper detected in the last sample set)	No. of samples collected	90 th percentile level detected	No. sites exceeding AL	AL	PHG	Typical Source of Contaminant
Lead (ppb)				15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)				1.3	0.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

TABLE 3 – SAMPLING RESULTS FOR SODIUM AND HARDNESS

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Source of Contaminant
Sodium (mg/l)	6/4/2009	9.20		none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/l)	6/4/2009	44.00		none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

*Any violation of an MCL or AL is asterisked. Additional information regarding the violation is provided later in this report.

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 Source of Contaminant
Fluoride	6/4/2009	<0.10	=/<MCL of 2 mg/L	2	1	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories

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	PHG (MCLG)	Typical Source of Contaminant
Iron (ug/l)	6/4/2009	660.00		300		Leaching from natural deposits; industrial wastes
Manganese (ug/l)	6/4/2009	13.00	<500	50		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

*Any violation of an MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided later in this report.

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 the 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).

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).

Lead-Specific Language for Community Water Systems: 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. [INSERT NAME OF UTILITY] 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>.

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For Systems Providing Surface Water as a Source of Drinking Water

TABLE 8 — SAMPLING RESULTS SHOWING TREATMENT OF SURFACE WATER SOURCES	
Treatment Technique ^(a) (Type of approved filtration technology used)	
Turbidity Performance Standards ^(b) (that must be met through the water treatment process)	Turbidity of the filtered water must: 1— Be less than or equal to _____ NTU in 95% of measurements in a month. 2— Not exceed _____ NTU for more than eight consecutive hours. 3— Not exceed _____ NTU at any time.
Lowest monthly percentage of samples that met Turbidity Performance Standard No. 1.	
Highest single turbidity measurement during the year	
Number of violations of any surface water treatment requirements	

(a) A required process intended to reduce the level of a contaminant in drinking water.

(b) Turbidity (measured in NTU) is a measurement of the cloudiness of water and is a good indicator of water quality and filtration performance. Turbidity results which meet performance standards are considered to be in compliance with filtration requirements.

* Any violation of a TT is marked with an asterisk. Additional information regarding the violation is provided below.

Summary Information for Violation of a Surface Water TT

VIOLATION OF A SURFACE WATER TT				
TT Violation	Explanation	Duration	Actions Taken to Correct the Violation	Health Effects Language

Summary Information for Operating Under a Variance or Exemption

Source Chemical Monitoring Requirements

Note: well sources must be operated at least 15 minutes before samples are collected. If well pump cannot be operated continuously for 15 minutes, collect samples toward end of well cycle. All samples must be collected before treatment.

Date of report: 3/28/2011

System Name: U.S. FOREST SERV.-SUNSET POINT CAMP

System number: 1700634

Source Name : WELL 01

Source class: NCWS

Source Code : 1700634-001

Includes special monitoring for ARSENIC

Chemical Group : 64432- Primary - Inorganics

Chemical	Last result	Units	MCL	Date of last	Frequency	Next due	Notes
Arsenic	61.00	ug/l	10	6/22/2007	One time sample required		Completed
Fluoride	< 0.10	mg/l	2	6/22/2007	One time sample required		Completed

Chemical Group : 64432.1 -Nitrate/Nitrite

Chemical	Last result	Units	MCL	Date of last	Frequency	Next due	Notes
Nitrate (as NO3)	< 1.00	mg/l	45	6/14/2010	Once per year	Jun 2011	
Nitrite(as N)	< 200.00	ug/l	1000	6/14/2010	Once every three years	Jun 2013	

Chemical Group : 64449-A & B - Secondary Standards

Chemical	Last result	Units	MCL	Date of last	Frequency	Next due	Notes
Bicarbonate	140.00	mg/l		6/22/2007	One time sample required		Completed
Calcium	7.70	mg/l		6/22/2007	One time sample required		Completed
Carbonate	< 5.00	mg/l		6/22/2007	One time sample required		Completed
Hydroxide	< 1.00	mg/l		6/22/2007	One time sample required		Completed
Iron	520.00	ug/l	300	6/22/2007	One time sample required		Completed
Magnesium	5.70	mg/l		6/22/2007	One time sample required		Completed
Manganese	650.00	ug/l	50	6/22/2007	One time sample required		Completed
Sodium	31.00	mg/l		6/22/2007	One time sample required		Completed
Total Alkalinity	110.00	mg/l		6/22/2007	One time sample required		Completed
Total Hardness	43.00	mg/l		6/22/2007	One time sample required		Completed
pH	7.10			6/22/2007	One time sample required		Completed

System Number: 1700634

System Name: U.S. FOREST SERV.-SUNSET POINT CAMP

	<u>STORET NUMBER</u>	<u>TESTING INTERVAL (MONTHS)*</u>	<u>LAST TEST DATE (yyyy/mm/dd)</u>	<u>LAST RESULT REPORTED</u>	<u>NEXT TEST DATE (yyyy/mm)</u>
PS Code: 1700634-001					
Source Name: WELL 01					
Source Number: 001					
Source Status: ACTIVE UNTREATED					
Water type: GROUNDWATER OR WELL					

GENERAL NON CHAP 15

DIAZINON	39570	WAIVED			
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INORGANIC

ALUMINUM	01105	WAIVED			
ANTIMONY	01097	WAIVED			
ARSENIC	01002	WAIVED	2007/05/22	61.000	
ASBESTOS	81855	WAIVED			
BARIUM	01007	WAIVED			
BERYLLIUM	01012	WAIVED			
CADMIUM	01027	WAIVED			
CHROMIUM (TOTAL)	01034	WAIVED			
CYANIDE	01291	WAIVED			
FLUORIDE (F) (NATURAL-SOURCE)	00951	WAIVED	2007/06/22	< .100	
LEAD	01051	WAIVED	1999/06/21	8.000	
MERCURY	71900	WAIVED			
NICKEL	01067	WAIVED			
PERCHLORATE	A-031	WAIVED			
SELENIUM	01147	WAIVED			
THALLIUM	01059	WAIVED			

NITRATE/NITRITE

NITRATE (AS NO3)	71850	012	2011/06/22	< 1.000	2012/06
NITRITE (AS N)	00620	036	2010/06/14	< 200.000	2013/06

RADIOLOGICAL

GROSS ALPHA	01501	WAIVED			
GROSS BETA	03501	WAIVED			
RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0	A-080	WAIVED			
RA-226 OR TOTAL RA BY 903.0 C.E.	A-081	WAIVED			
RADIUM 226	09501	WAIVED			
RADIUM 228	11501	WAIVED			

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RADIOLOGICAL

RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0	A-082	WAIVED		
STRONTIUM-90	13501	WAIVED		
TRITIUM	07000	WAIVED		
URANIUM (PCI/L)	28012	WAIVED		

REGULATED SOC

2,3,7,8-TCDD (DIOXIN)	34676	WAIVED		
2,4,5-TP (SILVEX)	39045	WAIVED		
2,4-D	39730	WAIVED		
ALACHLOR	77825	WAIVED		
ATRAZINE	39033	WAIVED		
BENTAZON	38710	WAIVED		
BENZO (A) PYRENE	34247	WAIVED		
CARBOFURAN	81405	WAIVED		
CHLORDANE	39350	WAIVED		
DALAPON	38432	WAIVED		
DI(2-ETHYLHEXYL)ADIPATE	A-026	WAIVED		
DI(2-ETHYLHEXYL)PHTHALATE	39100	WAIVED		
DIBROMOCHLOROPROPANE (DBCP)	38761	WAIVED		
DINOSEB	81287	WAIVED		
DIQUAT	78885	WAIVED		
ENDOTHALL	38926	WAIVED		
ENDRIN	39390	WAIVED		
ETHYLENE DIBROMIDE (EDB)	77651	WAIVED		
GLYPHOSATE	79743	WAIVED		
HEPTACHLOR	39410	WAIVED		
HEPTACHLOR EPOXIDE	39420	WAIVED		
HEXACHLOROBENZENE	39700	WAIVED		
HEXACHLOROCYCLOPENTADIENE	34386	WAIVED		
LINDANE	39340	WAIVED		

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REGULATED SOC

METHOXYCHLOR	39480	WAIVED		
MOLINATE	82199	WAIVED		
OXAMYL	38865	WAIVED		
PENTACHLOROPHENOL	39032	WAIVED		
PICLORAM	39720	WAIVED		
POLYCHLORINATED BIPHENYLS, TOTAL, AS DCB	39516	WAIVED		
SIMAZINE	39055	WAIVED		
THIOBENCARB	A-001	WAIVED		
TOXAPHENE	39400	WAIVED		

REGULATED VOC

1,1,1-TRICHLOROETHANE	34506	WAIVED		
1,1,2,2-TETRACHLOROETHANE	34516	WAIVED		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	81611	WAIVED		
1,1,2-TRICHLOROETHANE	34511	WAIVED		
1,1-DICHLOROETHANE	34496	WAIVED		
1,1-DICHLOROETHYLENE	34501	WAIVED		
1,2,4-TRICHLOROENZENE	34551	WAIVED		
1,2-DICHLOROENZENE	34536	WAIVED		
1,2-DICHLOROETHANE	34531	WAIVED		
1,2-DICHLOROPROPANE	34541	WAIVED		
1,3-DICHLOROPROPENE (TOTAL)	34561	WAIVED		
1,4-DICHLOROENZENE	34571	WAIVED		
BENZENE	34030	WAIVED		
CARBON TETRACHLORIDE	32102	WAIVED		
CIS-1,2-DICHLOROETHYLENE	77093	WAIVED		
DICHLOROMETHANE	34423	WAIVED		
ETHYLBENZENE	34371	WAIVED		
METHYL-TERT-BUTYL-ETHER (MTBE)	46491	WAIVED		
MONOCHLOROENZENE	34301	WAIVED		

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REGULATED VOC

STYRENE	77128	WAIVED		
TETRACHLOROETHYLENE	34475	WAIVED		
TOLUENE	34010	WAIVED		
TRANS-1,2-DICHLOROETHYLENE	34546	WAIVED		
TRICHLOROETHYLENE	39180	WAIVED		
TRICHLOROFUOROMETHANE	34488	WAIVED		
VINYL CHLORIDE	39175	WAIVED		
XYLENES (TOTAL)	81551	WAIVED		

SECONDARY/GP

AGGRSSIVE INDEX (CORROSIVITY)	82383	WAIVED		
BICARBONATE ALKALINITY	00440	WAIVED	2007/06/22	140.000
CALCIUM	00916	WAIVED	2007/06/22	7.700
CARBONATE ALKALINITY	00445	WAIVED	2007/06/22	< 5.000
CHLORIDE	00940	WAIVED		
COLOR	00081	WAIVED		
COPPER	01042	WAIVED		
FOAMING AGENTS (MBAS)	38260	WAIVED		
HARDNESS (TOTAL) AS CaCO3	00900	WAIVED	2007/06/22	43.000
HYDROXIDE ALKALINITY	71830	WAIVED	2007/06/22	< 1.000
IRON	01045	WAIVED	2007/06/22	520.000
MAGNESIUM	00927	WAIVED	2007/06/22	5.700
MANGANESE	01055	WAIVED	2007/06/22	650.000
ODOR THRESHOLD @ 60 C	00086	WAIVED		
PH, LABORATORY	00403	WAIVED	2007/06/22	7.100
SILVER	01077	WAIVED		
SODIUM	00929	WAIVED	2007/06/22	31.000
SPECIFIC CONDUCTANCE	00095	WAIVED		
SULFATE	00945	WAIVED		
TOTAL DISSOLVED SOLIDS	70300	WAIVED		

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SECONDARY/GP

TURBIDITY, LABORATORY	82079	WAIVED
ZINC	01092	WAIVED

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