

2011 Consumer Confidence Report

Water System Name: Sonoma West Holdings-North Plant Report Date: 5/29/12

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 potable. Tradúzcalo ó hable con alguien que lo entienda bien.

Type of water source(s) in use: Two water wells; one active, one standby

Name & location of source(s): North well # 002 (standby) is located on north side of property approximately 80' south of Occidental Road. South well # 001 (active) is located adjacent to the south driveway near the west parking area

Drinking Water Source Assessment information: A source assessment was completed January 2003. Please see the attached vulnerability summary for further information.

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

For more information, contact: Tim Ehlert, Water system operator Phone: (707) 542-3272

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 level of a disinfectant added for water treatment that may not be exceeded at the consumer's tap.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a disinfectant added for water treatment below which there is no known or expected risk to health. MRDLGs are set by the U.S. Environmental Protection Agency.

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 (ug/L)

ppt: parts per trillion or nanograms per liter (ng/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.

- *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 byproducts 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 state 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, and 5 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 (to be completed only if there was a detection of bacteria)	Highest No. of detections	No. of months in violation	MCL	MCLG	Typical Source of Bacteria	
Total Coliform Bacteria	(In a mo.) 0	0	More than 1 sample in a month with a detection	0	Naturally present in the environment	
Fecal Coliform or <i>E. coli</i>	(In the year) 0	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 (to be completed only if there was a detection of lead or copper 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)	5	6.0	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	5	ND	0	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 (ppm)	5.23.06	13	n/a	none	none	Salt present in the water and is generally naturally occurring
Hardness (ppm)	5.23.06	110	n/a	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 marked with an asterisk. 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
Aluminum (ppm)	5-23-06	0.11	n/a	1.0	0.6	Erosion of natural deposits; residue from some surface water treatment processes
Arsenic (ppb)	4-21-09	2.2	n/a	10	0.004	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
TTHMs (Total Trihalomethanes (ppb))	8-18-10	1.1	0-1.1	80	na	By-product of drinking water disinfection

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
*Manganese (ppb)	5-23-06	100	n/a	50	n/a	Leaching from natural deposits
Specific Conductance (uS/cm)	5-23-06	240	n/a	1600	n/a	Substances that form ions when in water; seawater influence
Color (Units)	5-23-06	10	n/a	15	n/a	Naturally-occurring organic materials
Odor (T.O.N.)	5-23-06	2.0	n/a	3	n/a	Naturally-occurring organic materials
Turbidity (NTU)	5-23-06	1.5	n/a	5	n/a	Soil runoff
Chloride (ppm)	5-23-06	8.9	n/a	500	n/a	Runoff/leaching from natural deposits; seawater influence
Sulfate (ppm)	5-23-06	19	n/a	500	n/a	Runoff/leaching from natural deposits; industrial wastes
Total Dissolved Solids (ppm)	5-23-06	180	n/a	1000	n/a	Runoff/leaching from natural deposits

TABLE 6 - DETECTION OF UNREGULATED CONTAMINANTS				
Chemical or Constituent (and reporting units)	Sample Date	Level Detected	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).

The Sonoma West Holdings-North Plant water system is operated under contract by Weeks Water Treatment of Sebastopol.

To inquire about the system or to report trouble, please call 707-542-3272.

*A sample collected on 5-23-06 for Manganese exceeded the secondary standards mcl. Secondary standards are set for aesthetic reasons, to protect the taste, odor and appearance of drinking water.

Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement

VIOLATION OF A MCL, MRDL, AL, TT, OR MONITORING AND REPORTING REQUIREMENT				
Violation	Explanation	Duration	Actions Taken to Correct the Violation	Health Effects Language

For Water Systems Providing Ground Water as a Source of Drinking Water

TABLE 7 – SAMPLING RESULTS SHOWING FECAL INDICATOR-POSITIVE GROUND WATER SOURCE SAMPLES

Microbiological Contaminants (complete if fecal-indicator detected)	Total No. of Detections	Sample Dates	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
<i>E. coli</i>	(In the year)		0	(0)	Human and animal fecal waste
Enterococci	(In the year)		TT	n/a	Human and animal fecal waste
Coliphage	(In the year)		TT	n/a	Human and animal fecal waste

Summary Information for Fecal Indicator-Positive Ground Water Source Samples, Uncorrected Significant Deficiencies, or Ground Water TT

SPECIAL NOTICE OF FECAL INDICATOR-POSITIVE GROUND WATER SOURCE SAMPLE				
SPECIAL NOTICE FOR UNCORRECTED SIGNIFICANT DEFICIENCIES				
VIOLATION OF GROUND WATER TT				
TT Violation	Explanation	Duration	Actions Taken to Correct the Violation	Health Effects Language

Vulnerability Summary

District Name DHS Sonoma District District No. 18 County Sonoma

System Name Sonoma West Holdings North Plant System No. 4900859

Source Name NORTH WELL Source No. 002 PS Code 4900859-002

Completed by Erica Wolski Date January, 2003

THE FOLLOWING INFORMATION MUST BE INCLUDED IN THE SYSTEM CONSUMER CONFIDENCE REPORT

A source water assessment was conducted for the NORTH WELL
of the Sonoma West Holdings North Plant water system in January, 2003

The source is considered most vulnerable to the following activities not associated with any detected contaminants:

- Automobile- Gas stations
- Underground storage tanks - Confirmed leaking tanks
- Wastewater treatment plants

Discussion of Vulnerability

No known contaminants have been detected in this source and the site is considered vulnerable to activities located near the source. A leaking underground fuel tank exists onsite in the northeast corner of the property, but test results from 2001 show that MTBE was non detect at the tank site. Neither well has ever been sampled for MTBE.

A copy of the complete assessment may be viewed at:

Drinking Water Field Operations Branch
50 D Street, Suite 200
Santa Rosa, CA 95404

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

Office Representative
(707) 576-2145
(707) 576-2722 (fax)

Drinking Water Source Assessment and Protection (DWSAP) Program

Vulnerability Summary

District Name DHS Sonoma District District No. 18 County Sonoma

System Name Sonoma West Holdings North Plant System No. 4900859

Source Name SOUTH WELL Source No. 001 PS Code 4900859-001

Completed by Erica Wolski Date January, 2003

THE FOLLOWING INFORMATION MUST BE INCLUDED IN THE SYSTEM CONSUMER CONFIDENCE REPORT

A source water assessment was conducted for the SOUTH WELL
of the Sonoma West Holdings North Plant water system in January, 2003

The source is considered most vulnerable to the following activities not associated with any detected contaminants:

- Automobile- Gas stations
- Underground storage tanks - Confirmed leaking tanks
- Wastewater treatment plants

Discussion of Vulnerability

No known contaminants have been detected in this source and the site is considered vulnerable to activities located near the source. A leaking underground fuel tank exists onsite in the northeast corner of the property, but test results from 2001 show that MTBE was non detect at the tank site. Neither well has ever been sampled for MTBE.

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