

# 2023 Consumer Confidence Report

Water System Name: **San Martin County Water District**

Report Date: **05/01/2024**

*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 2023 - December 2023*

**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: **Well**

Name & location of source(s): **Well 4300542-003, Sycamore Ave, San Martin, Ca. 95046**

Drinking Water Source Assessment information: A source water assessment was conducted at the source Camping World Well, of the San Martin County Water District. No contaminants exceeding the water standards have been detected in the water supply, however the source is considered most vulnerable to contaminating activities from low density septic systems and chemical/petroleum processing/storage. A copy of the complete assessment may be viewed by contacting the water system or: StateWater Resources Control Board, Division of Drinking Water, Santa Clara District, 850 Marina Bay Parkway, Bldg P, 2nd Floor, Richmond, California 94804 (510) 620-3474

Time and place of regularly scheduled board meetings for public participation: **3<sup>rd</sup> Tuesday of month  
6:00pm at the California Antique Aircraft Museum, 12777 Murphy Avenue, San Martin, Ca. 95046**

For more information, contact **Peter J. Forest, Manager** Phone: **( 408 ) 683-4101**

## **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 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 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.

**Variances 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)

**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*, which 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, and septic systems.
- *Radioactive contaminants*, which 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, USEPA and the State Board prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. The U.S. Food and Drug Administration regulations and California law 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 requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. 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 <sup>th</sup> percentile level detected	No. Sites exceeding AL	AL	PHG	Typical Source of Contaminant
Lead (ppb) 06/2023	10	ND	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits.
Copper (ppm) 06/2023	10	0.5	0	1.3	0.3	Internal corrosion of household water 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)	04/2023	22	n/a	none	none	Salt present in the water and is generally naturally occurring
Hardness (ppm)	04/2023	220	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 asterisked. Additional information regarding the violation is provided on the last page.

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
Barium (ppm)	04/25/23	0.083	N/A	1.00 [N/A]	2.00 (N/A) [N/A]	Discharge of oil drilling wastes and from metal refineries; erosion of natural deposits
Fluoride (ppm)	04/25/23	0.13	N/A	2.00 [N/A]	1.00 (N/A) [N/A]	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Hexavalent Chromium (ppb)	11/2014	1.2	N/A	10 [N/A]	0.02 (N/A) [N/A]	Discharge from electroplating factories, leather tanneries, wood preservation, chemical synthesis, refractory production, and textile manufacturing facilities; erosion of natural deposits
Nitrate as nitrogen, N (ppm)	07/19/23	4.7	N/A	10 [N/A]	10 (N/A) [N/A]	Runoff and leaching from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Perchlorate (ppb) (before treatment)	12/2023	2.2	1.7-2.9	6 [N/A]	1 (N/A) [N/A]	Perchlorate is an inorganic chemical used in solid rocket propellant, fire-works, explosives, flares, matches, and a variety of industries. It usually gets into drinking water as a result of environmental contamination from historic aerospace or other industrial operations that used or use, store, or dispose of perchlorate and its salts
Chlorine as Cl <sub>2</sub> (ppm)	12/11/23	0.8	0.7-1.0	N/A [4.0]	N/A (N/A) [4.0]	Drinking water disinfectant added for treatment
TTHMs (ppb) [Total Trihalomethanes]	06/12/23	1.1	0.71-1.1	80	N/A (N/A) [N/A]	Byproduct of drinking water chlorination
Halocetic Acids (ppb)	06/12/23	ND	ND	60	N/A (N/A) [N/A]	Byproduct of drinking water chlorination

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
Total Dissolved Solids (ppm)	04/25/23	300	N/A	1000	N/A	Runoff/leaching from natural deposits
Specific Conductance (micromhos)	04/25/23	570	N/A	1600	N/A	Substances that form ions when in water; seawater influence
Chloride (ppm)	04/25/23	46	N/A	500	N/A	Runoff/leaching from natural deposits; seawater influence
Color (units)	04/25/23	ND	N/A	15	N/A	Naturally-occurring organic materials
Iron (ppb)	04/25/23	ND	N/A	300	N/A	Leaching from natural deposits; industrial wastes
Sulfate (ppm)	04/25/23	32	N/A	500	N/A	Runoff/leaching from natural deposits; industrial wastes

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In February 2024 we tested for Asbestos in the distribution system. In April 2023, we tested our well water for 33 Volatile Organic Chemicals, including MTBE. In January 2020 we tested for 15 Synthetic Organic Chemicals. All of these chemicals were "Non Detected" We test for many items not listed above!

## Additional General Information On Drinking Water

All 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).

### Summary Information for Contaminants Exceeding an MCL or AL, or a Violation of any Treatment or Monitoring and Reporting Requirements

**Nitrate** in the water was reported at 4.7 ppm, which is well within the MCL of 10 ppm, but of special interest. *Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capacity of the infant's blood to carry oxygen, resulting in serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 10 mg/L may also affect the ability of the blood to carry oxygen in other individuals, such as pregnant women and those with specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask advice from your health care provider.*

#### Backflow Devices

*The California State Water Control Board and the District require that backflow prevention devices or techniques be installed anywhere that there is a chance that non-potable water could be drawn into the water system. Items like storage tanks, sprinkler / irrigation systems, fire protection lines and private wells all pose a danger if connected in any way to your water system, therefore they must all be equipped with backflow prevention. Most properties only require functioning anti-siphon valves for their sprinkler / irrigation system, while others may require double-check or reduced-pressure valves and annual certification testing. If a backflow hazard is discovered unprotected during a District sanitary survey of your property, your water may be shut-off until you correct the deficiency. Call or email us if you have any questions.*

#### San Martin County Water District Information

Water meters are normally read on the 26<sup>th</sup> of every month.

**Customers are required to keep the meter area clear of weeds, animals and vehicles.**

Water bills are mailed on the 1<sup>st</sup> of the month, and payment is due before the 26<sup>th</sup> of the month.

Late payment fee is 10% of the past due amount with a minimum of \$10.00. Reconnection Fee is up to \$200.00.

A copy of the complete San Martin County Water District regulations is available by request.

#### CURRENT SAN MARTIN COUNTY WATER DISTRICT BOARD OF DIRECTORS

Alan Bahnsen, Board Member, President

Sandra Flores, Board Member

Donald Popma, Board Member

Dennis Gothot, Board Member

Vacant, Board Member

Water Board positions are filled by election or appointment. Next election is November 2024.

The main requirements are that you either own land in or live in the District and be a registered voter.

Please call or write the District if you would be interested in a Directors position.

A small monetary stipend is paid to Board Members for attending monthly meetings.

Our phone number is 408-683-4101

Our Email address is sanmartincwd@gmail.com