

**2023 Annual Water Quality Report
(Consumer Confidence Report)
Western Digital Technologies, Inc. (WDT)
5601 Great Oaks Parkway, San Jose, California 95119**

Spanish (Español)

Este informe contiene información muy importante sobre la calidad de su agua beber. Tradúzcalo o hable con alguien que lo entienda bien, ó llame 408-717-5947.

Is my water safe?

This annual water quality report has been prepared to provide interested employees and others with water quality results from domestic water system monitoring at WDT. This report is intended to satisfy the state regulations [Title 22, Chapter 15, Article 20], California Health and Safety Code [Section 116470] and the federal Consumer Confidence Report Rule [40 CFR Part 141 Subpart O]. Any questions regarding this report or the water system in general may be directed to Mr. Tony Castillo at 408-717-5947.

Do I need to take special precautions?

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. Environmental Protection Agency (EPA)/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 EPA Safe Water Drinking Hotline (800-426-4791).

Where does my water come from?

Water used at the WDT site is pumped from six onsite groundwater wells. Wells 3, 4, 5, and 6 meet the required drinking water standards and supply drinking water to the main supply tank. Wells 7 and 8 meet the required drinking water standards, but supply water to the industrial water tank. Wells 7 and 8 can be used for drinking water if main drinking water wells should go down. These wells are operated by WDT.

Source water assessment and its availability

An assessment of the drinking water wells was completed in December 2002. The sources are considered most vulnerable to a known contaminant plume, but no contaminants associated with the plume have been detected in the water supply. A copy of the complete assessment is available at WDT Environmental Programs, 5601 Great Oaks Parkway, San Jose, California, 95119. You may request that a summary of the assessment be sent to you by contacting Tony Castillo at 408-717-5947.

Water treatment

On December 14, 2010, the Department of Public Health granted approval for a permit amendment to allow operation of a hypo chlorination facility at WDT's distribution system pumping station. Chlorine residual is monitored daily; all results in 2022 were well below the MRDL and MRDLG (see definitions on page 3). Chlorine added to drinking water meets ANSI/NSF Standard 60 & 61 in compliance with Article 7, Chapter 16, Title 22 California Code of Regulation.

Why are there contaminants in my 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 water poses a health risk.

More information about contaminants and potential health effects can be obtained by calling the EPA Safe Drinking Water Hotline (800-426-4791).

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, 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, 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, which are by-products 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

safe to drink, EPA and the State Water Resources Control Board (SWRCB) prescribe regulations that limit the number 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. WDT complies with these requirements.

Information on Lead

Infants and young children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community because of materials used in your home's plumbing. If you are concerned about elevated lead levels in your home's water, you may wish to have your water tested or you can flush your tap for 30 seconds to 2 minutes before using tap water. Additional information is available from EPA Safe Drinking Water Hotline (800-426-4791).

Test Results

The following tables list all the constituents that were detected in tap water samples or samples from one or more of WDT's six wells that were used as a source of drinking water for the system in 2023. Except as noted, data in this report represent sampling dates in 2023. Regulations allow for monitoring of some constituents less frequently than once a year. If samples were not collected in 2023, the year of sampling is provided. See page (3) for definition of terms.

<u>Contaminants</u>	<u>MCL</u> <u>(PHG)</u>	<u>WDC</u>	<u>Range</u>		<u>Sample</u>		<u>Typical Source</u>
		<u>Water</u> <u>(Ave)</u>	<u>Low</u>	<u>High</u>	<u>Date</u>	<u>Violation</u>	
Inorganic Contaminants							
Barium (mg/L)	1 (2)	0.120	0.100	0.14	2022	No	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits
Fluoride (mg/L)	2 (1)	0.18	0.16	0.20	2022	No	Erosion of natural deposits; Water additive which promotes strong teeth; Discharge from fertilizer and aluminum factories
Nickel (µg/L)	100 (12)	2.38	1.6	5.3	2022	No	Erosion of natural deposits; discharge from metal factories
Nitrate [measured as Nitrogen (mg/L)]	10 (10)	1.6	0.48	2.2	2023	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Chlorine (mg/L) MRDL	4.0	0.44	0.27	0.59	2022	No	Chlorine residual from water disinfection
Chromium (µg/L)	50	3.32	2.9	4.0	2022	No	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
Selenium (µg/L)	50	0.72	<2.0	6.4	2022	No	Discharge from petroleum, glass and metal refineries, erosion of natural deposits, discharge from mines and chemical manufacturers; runoff from livestock lots (feed additive)
Cyanide (µg/L)	150	4.8	<5.0	77.0	2022	No	Discharge from steel/metal, plastic and fertilizer factories
Lead (µg/L)	NA (0.2)	0.77	<1.0	4.6	2019	No	Corrosion of household plumbing systems; Erosion of natural deposits
TTHM (µg/L)	80	7.5	7.5	7.5	2023	No	By-product of drinking water disinfection
HAA5 (µg/L)	60	0.0	0.0	0.0	2023	No	By-product of drinking water disinfection

<u>Contaminants</u>	<u>MCLG (PHG)</u>	<u>AL</u>	WDC	Sample	# Samples	Exceed s	
			<u>Water</u>	<u>Date</u>	<u>Exceeding AL</u>	<u>AL</u>	
Detected Constituents in Tap Water (Drinking Fountains and Sinks) with ALs – Triennial monitoring							
Copper - action level at consumer taps (mg/L)	NA (0.3)	1.3	0.25	2021	0	No	Corrosion of household plumbing systems; Erosion of natural deposits
Lead - action level at consumer taps (µg/L)	NA (0.2)	15	0.92	2021	0	No	Corrosion of household plumbing systems; Erosion of natural deposits

<u>Contaminants</u>	<u>State MCL</u>	<u>WDC Water</u>	<u>Sample date</u>	<u>Explanation and Comment</u>

Microbiological Contaminants

<u>Contaminants</u>	<u>MCL</u>	<u>WDC Water</u>	<u>Sample Date</u>	<u>Violation</u>	<u>Typical Source</u>
Total Coliform (positive samples/month)	1	0	2023	No	Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present.

Information on Coliform monitoring

Six domestic water wells were monitored quarterly during 2023. In addition, 5 required routine samples were collected at sinks and drinking water taps throughout the WDT facility monthly, for a total of 84 routine samples. There were no positive coliform test results reported in 2023.

<u>Contaminant</u>	<u>MCL PHG</u>	<u>WDC Water</u>	<u>Sample Date</u>	<u>Typical Source of Contaminant</u>
Radioactive Contaminants				
Gross Alpha	15 pCi/L	0.0 - 0.0 pCi/L	2016	Erosion of natural deposits
Uranium	20 pCi/L	0.0 – 0.80 pCi/L	2016	Erosion of natural deposits

<u>Contaminants</u>	<u>State MCL</u>	<u>WDC Water</u>	<u>Sample Date</u>	<u>Explanation and Comment</u>
Other Constituents Measured in Source Water				

Unit Descriptions	
<u>Term</u>	<u>Definition</u>
mg/L	mg/L: milligrams per liter, or parts per million (ppm)
µg/L	µg/L: micrograms per liter, or parts per billion (ppb)
pCi/L	Picocuries per liter (pCi/L) is a unit for measuring radioactive concentrations.
NA	NA: not applicable
ND	ND: Not detected
NR	NR: Monitoring not required, but recommended.
Important Drinking Water Definitions	
<u>Term</u>	<u>Definition</u>
MCLG	MCLG: Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.
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.
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
MCL	MCL: Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.
AL	AL: Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.
MNR	MNR: Monitored Not Regulated
MPL	MPL: State Assigned Maximum Permissible Level
PHG	The level of a contaminant in drinking water below which there is no known or expected risk to health.
Secondary MCL	Secondary MCL: Non-enforced guidelines regulating contaminants that may cause cosmetic effects (such as skin or tooth discoloration) or aesthetic effects (such as taste, odor, or color) in drinking water. EPA recommends secondary standards to water systems but does not require systems to comply.
TTHMs	Total Trihalomethanes
HAA5	Five Haloacetic Acids

Section 64481 of the California Code of Regulations

Primary Drinking Water Standard or PDWS: "MCLs, MRDLs, and treatment techniques for contaminants that affect health, along with their monitoring and reporting requirements."

Treatment technique: "A required process intended to reduce the level of a contaminant in drinking water."

Variances and exemptions: "State Board permission to exceed an MCL or not comply with a treatment technique under certain conditions."

Level 1 Assessment: "A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system."

Level 2 Assessment: "A Level 2 assessment is 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 have been found in our water system on multiple occasions."

For more information please contact:

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