

2023 Consumer Confidence Report

Water System Information

Water System Name: TERRA LINDA FARMS

Report Date: 3/22/24

Type of Water Source(s) in Use: SURFACE WATER

Name and General Location of Source(s): CALIFORNIA AQUEDUCT VIA WESTLANDS WATER DISTRICT

Drinking Water Source Assessment Information: The source is considered most vulnerable to the following activities not Associated with any detected contaminants: Agricultural Drainage. You may request a copy of the assessment summary or You may view a copy of the assessment at, Terra Linda Farms, 2900 S. Lassen Ave Five Points, CA 93624

Time and Place of Regularly Scheduled Board Meetings for Public Participation: NONE

For More Information, Contact: JOE COELHO (559)867-3400

About This Report

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 to December 31, 2023 and may include earlier monitoring data.

Importance of This Report Statement in Five Non-English Languages (Spanish, Mandarin, Tagalog, Vietnamese, and Hmong)

Language in Spanish: Este informe contiene información muy importante sobre su agua para beber. Favor de comunicarse [TERRA LINDA FARMS] a [16025 W. DORRIS AVE HURON, CA 93234] para asistirlo en español.

Language in Mandarin: 这份报告含有关于您的饮用水的重要讯息。请用以下地址和电话联系 [TERRA LINDA FARMS] 以获得中文的帮助: [16025 W. DORRIS AVE HURON, CA 93234] [(559)867-3400].

Language in Tagalog: Ang pag-uulat na ito ay naglalaman ng mahalagang impormasyon tungkol sa inyong inuming tubig. Mangyaring makipag-ugnayan sa [TERRA LINDA FARMS 16025 W. DORRIS AVE HURON, CA 93234] o tumawag sa [(559)867-3400] para matulungan sa wikang Tagalog.

Language in Vietnamese: Báo cáo này chứa thông tin quan trọng về nước uống của bạn. Xin vui lòng liên hệ [TERRA LINDA FARMS] tại [16025 W. DORRIS AVE HURON, CA 93234] để được hỗ trợ giúp bằng tiếng Việt.

Language in Hmong: Tsab ntawv no muaj cov ntsiab lus tseem ceeb txog koj cov dej haus. Thov hu rau [TERRA LINDA FARMS] ntawm [16025 W. DORRIS AVE HURON, CA 93234] rau kev pab hauv lus Askiv.

Terms Used in This Report

Term	Definition
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 <i>E. coli</i> MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.
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 (U.S. EPA).
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.
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.
Regulatory Action Level (AL)	The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.
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.
Variances and Exemptions	Permissions from the State Water Resources Control Board (State Board) 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)

Sources of Drinking Water and Contaminants that May Be Present in Source Water

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 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.

Regulation of Drinking Water and Bottled Water Quality

In order to ensure that tap water is safe to drink, the U.S. EPA 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.

About Your Drinking Water Quality

Drinking Water Contaminants Detected

Tables 1, 2, 3, 4, 5, 6, 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 State Board 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. Any violation of an AL, MCL, MRDL, or TT is asterisked. Additional information regarding the violation is provided later in this report.

Table 1. Sampling Results Showing the Detection of Coliform Bacteria

Complete if bacteria are detected.

Microbiological Contaminants	Highest No. of Detections	No. of Months in Violation	MCL	MCLG	Typical Source of Bacteria
<i>E. coli</i>	(In the year) 0	0	(a)	0	Human and animal fecal waste

(a) Routine and repeat samples are total coliform-positive and either is *E. coli*-positive or system fails to take repeat samples following *E. coli*-positive routine sample or system fails to analyze total coliform-positive repeat sample for *E. coli*.

Table 2. Sampling Results Showing the Detection of Lead and Copper

Complete if lead or copper is detected in the last sample set.

Lead and Copper	Sample Date	No. of Samples Collected	90 th Percentile Level Detected	No. Sites Exceeding AL	AL	PHG	Typical Source of Contaminant
Lead (ppb)	6/20/22	5	ND	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	6/20/22	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)	6/13/23	11	N/A	None	None	Salt present in the water and is generally naturally occurring
Hardness (ppm)	6/13/23	38	N/A	None	None	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

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
Nitrate (mg/L)	6/13/23	ND	N/A	10 (as N)	10 (as N)	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Aluminum (mg/L)	6/13/23 7/11/23 10/3/23	0.38	0.120-0.580	6	1	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
Aluminum (mg/L) AFTER TREATMENT	6/13/23 7/11/23 10/3/23	ND	ND	6	1	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
Antimony (µg/L)	6/13/23	ND	N/A	6	1	Discharge from petroleum refineries; fire retardants; ceramics; electronics; solder
Arsenic (µg/L)	6/13/23	ND	N/A	10	0.004	Erosion of natural deposits; runoff from orchards; glass and electronics production wastes
Thallium (µg/L)	6/13/23	ND	N/A	2	0.1	Leaching from ore-processing sites; discharge from electronics, glass, and drug factories
Barium (mg/L)	6/13/23	ND	N/A	1	2	Discharges of oil drilling wastes and from metal refineries; erosion of natural deposits
Beryllium (µg/L)	6/13/23	ND	N/A	4	1	Discharge from metal refineries, coal-burning factories, and electrical, aerospace, and defense industries

Cadmium (µg/L)	6/13/23	ND	N/A	5	0.04	Internal corrosion of galvanized pipes; erosion of natural deposits; discharge from electroplating and industrial chemical factories, and metal refineries; runoff from waste batteries and paints
Chromium [Total] (µg/L)	6/13/23	ND	N/A	50	(100)	Discharge from steel and pulp mills and chrome plating; erosion of natural deposits
Selenium (µg/L)	6/13/23	ND	N/A	50	30	Discharge from petroleum, glass, and metal refineries; erosion of natural deposits; discharge from mines and chemical manufacturers; runoff from livestock lots (feed additive)
Mercury [Inorganic] (µg/L)	6/13/23	ND	N/A	2	1.2	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills and cropland
Nickel (µg/L)	6/13/23	ND	N/A	100	12	Erosion of natural deposits; discharge from metal factories
TTHMs [Total Trihalomethanes] (µg/L)	1/17/23 4/24/23 7/11/23 10/3/23	28.25	22-37	80	N/A	Byproduct of drinking water disinfection
HAA5 [Sum of 5 Haloacetic Acids] (µg/L)	1/17/23 4/24/23 7/11/23 10/3/23	24	20-30	60	N/A	Byproduct of drinking water disinfection
Benzene (µg/L)	4/24/23	ND	N/A	1	0.15	Discharge from plastics, dyes and nylon factories; leaching from gas storage tanks and landfills

Carbon Tetrachloride (ng/L)	4/24/23	ND	N/A	500	100	Discharge from chemical plants and other industrial activities
1,2-Dichlorobenzene (µg/L)	4/24/23	ND	N/A	600	600	Discharge from industrial chemical factories
1,4-Dichlorobenzene (µg/L)	4/24/23	ND	N/A	5	6	Discharge from industrial chemical factories
1,1-Dichloroethane (µg/L)	4/24/23	ND	N/A	5	3	Extraction and degreasing solvent; used in manufacture of pharmaceuticals, stone, clay and glass products; fumigant
1,1-Dichloroethylene (µg/L)	4/24/23	ND	N/A	6	10	Discharge from industrial chemical factories
cis-1,2-Dichloroethylene (µg/L)	4/24/23	ND	N/A	6	100	Discharge from industrial chemical factories; major biodegradation byproduct of TCE and PCE groundwater contamination
trans-1,2-Dichloroethylene (µg/L)	4/24/23	ND	N/A	10	60	Discharge from industrial chemical factories; minor biodegradation byproduct of TCE and PCE groundwater contamination
Dichloromethane (µg/L)	4/24/23	ND	N/A	5	4	Discharge from pharmaceutical and chemical factories; insecticide
1,2-Dichloropropane (µg/L)	4/24/23	ND	N/A	5	0.5	Discharge from industrial chemical factories; primary component of some fumigants
1,3-Dichloropropene (ng/L)	4/24/23	ND	N/A	500	200	Runoff/leaching from nematocide used on croplands
Ethylbenzene (µg/L)	4/24/23	ND	N/A	300	300	Discharge from petroleum refineries; industrial chemical factories

Styrene (µg/L)	4/24/23	ND	N/A	100	0.5	Discharge from rubber and plastic factories; leaching from landfills
1,1,2,2-Tetrachloroethane (µg/L)	4/24/23	ND	N/A	1	0.1	Discharge from industrial and agricultural chemical factories; solvent used in production of TCE, pesticides, varnish and lacquers
Tetrachloroethylene (PCE) (µg/L)	4/24/23	ND	N/A	5	0.06	Discharge from factories, dry cleaners, and auto shops (metal degreaser)
1,2,4-Trichlorobenzene (µg/L)	4/24/23	ND	N/A	5	5	Discharge from textile-finishing factories
1,1,1-Trichloroethane (µg/L)	4/24/23	ND	N/A	200	1000	Discharge from metal degreasing sites and other factories; manufacture of food wrappings
1,1,2-Trichloroethane (µg/L)	4/24/23	ND	N/A	5	0.3	Discharge from industrial chemical factories
Trichloroethylene [TCE] (µg/L)	4/24/23	ND	N/A	5	1.7	Discharge from metal degreasing sites and other factories
Toluene (µg/L)	4/24/23	ND	N/A	150	150	Discharge from petroleum and chemical factories; underground gas tank leaks
Trichlorofluoromethane (µg/L)	4/24/23	ND	N/A	150	1300	Discharge from industrial factories; degreasing solvent; propellant and refrigerant
1,1,2-Trichloro-1,2,2-trifluoroethane (mg/L)	4/24/23	ND	N/A	1.2	4	Discharge from metal degreasing sites and other factories; dry-cleaning solvent; refrigerant
Vinyl Chloride (ng/L)	4/24/23	ND	N/A	500	50	Leaching from PVC piping; discharge from plastics factories; biodegradation byproduct of TCE

						and PCE groundwater contamination
Xylenes (mg/L)	4/24/23	ND	N/A	1.750	1.8	Discharge from petroleum and chemical factories; fuel solvent
Alachlor (µg/L)	4/24/23	ND	N/A	2	4	Runoff from herbicide used on row crops
Atrazine (µg/L)	4/24/23	ND	N/A	1	0.15	Runoff from herbicide used on row crops and along railroad and highway right-of-ways
Simazine (µg/L)	4/24/23	ND	N/A	4	4	Herbicide runoff
Endothall (µg/L)	6/13/23	ND	N/A	100	94	Runoff from herbicide use for terrestrial and aquatic weeds; defoliant
Copper (mg/L)	6/13/23	ND	N/A	AL = 1.3	0.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead (µg/L)	6/13/23	ND	N/A	AL = 15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Chlorine (mg/L)	JAN-DEC 2023	1.88	1.0-2.9	[MRDL = 4.0 (as Cl ₂)]	[MRDLG = 4 (as Cl ₂)]	Drinking water disinfectant added for treatment

Table 5. Detection of Contaminants with a Secondary Drinking Water Standard

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	SMCL	PHG (MCLG)	Typical Source of Contaminant
COLOR (Units)	6/13/23	36.67	10-80*	15 Units	NONE	Naturally-occurring organic materials
COLOR (Units) AFTER TREATMENT	7/11/23 10/3/23	ND	ND	15 Units	NONE	Naturally-occurring organic materials

SULFATE (mg/L)	6/13/23	8.3	N/A	500 mg/L	NONE	Runoff/leaching from natural deposits; industrial wastes
TURBIDITY (Units)	6/13/23	6.6	N/A	5 Units	NONE	Soil runoff
TOTAL DISSOLVED SOLIDS (TDS) (mg/L)	6/13/23	86	N/A	1000 mg/L	NONE	Runoff/leaching from natural deposits
SPECIFIC CONDUCTANCE (μ S/cm)	6/13/23	130	N/A	1600 μ S/cm	NONE	Substances that form ions when in water; seawater influence
CHLORIDE (mg/L)	6/13/23	12	N/A	500 mg/L	NONE	Runoff/leaching from natural deposits; seawater influence
ODOR--- THRESHOLD (Units)	6/13/23	ND	N/A	3 Units	NONE	Naturally-occurring organic materials
IRON (μ g/L)	6/13/23	920*	N/A	300 μ g/L	NONE	Leaching from natural deposits; industrial wastes
IRON (μ g/L) AFTER TREATMENT	7/11/23 10/3/23	24	ND-48	300 μ g/L	NONE	Leaching from natural deposits; industrial wastes
MANGANESE (μ g/L)	6/13/23	55	37-58*	50 μ g/L	NONE	Leaching from natural deposits
MANGANESE (μ g/L) AFTER TREATMENT	7/11/23 10/3/23	ND	ND	50 μ g/L	NONE	Leaching from natural deposits
Foaming Agents [MBAS]	6/13/23	ND	N/A	0.5 mg/L	500 μ g/L	Municipal and industrial waste discharges
Silver	6/13/23	ND	N/A	0.1 mg/L	100 μ g/L	Industrial discharges
Zinc	6/13/23	ND	N/A	5.0 mg/L	5.0 mg/L	Runoff/leaching from natural deposits; industrial wastes

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 U.S. EPA'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. U.S. 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 Safe Drinking Water Hotline (1-800-426-4791).

Lead-Specific Language: 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. [TERRA LINDA FARMS] 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. [Optional: If you do so, you may wish to collect the flushed water and reuse it for another beneficial purpose, such as watering plants.] 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 (1-800-426-4791) or at <http://www.epa.gov/lead>.

Additional Special Language for Nitrate, Arsenic, Lead, Radon, and *Cryptosporidium*: [Enter Additional Information Described in Instructions for SWS CCR Document]

State Revised Total Coliform Rule (RTCR): [Enter Additional Information Described in Instructions for SWS CCR Document]

Secondary standards are in place to establish an acceptable aesthetic quality of the water due to color, taste and odor
Leaching from natural deposits; industrial wastes.
