

# 2023 Consumer Confidence Report

Water System Name: FISHER NURSERY

Report Date: April 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 1 - December 31, 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:** This info is not available, as this water system does not have a completed assessment on file. Please see the Drinking Water Source Assessment Information section located at the end of this report for more details.

**Your water comes from 1 source(s):** WELL #5  
**and from 1 treated location(s):** ARSENIC PLANT

**Opportunities for public participation in decisions that affect drinking water quality:** Regularly-scheduled water board or city/county council meetings currently are not held. If there is a question, stop by the office and ask for Mike Fisher.

For more information about this report, or any questions relating to your drinking water, please call (209) 599 - 6114 and ask for Mike Fisher.

## TERMS USED IN THIS REPORT

**Maximum Contaminant Level (MCL):** The highest level of contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically 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 the contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

**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.

**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.

**ND:** not detectable at testing limit

**mg/L:** milligrams per liter or parts per million (ppm)

**ug/L:** micrograms per liter or parts per billion (ppb)

**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 State Water Resource Control Board (State Water Board) prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. State Water Board 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 State Water 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 MCL, AL or MRDL is highlighted. Additional information regarding the violation is provided later in this report.

<b>Table 1 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD</b>						
<b>Chemical or Constituent</b> (and reporting units)	<b>Sample Date</b>	<b>Average Level Detected</b>	<b>Range of Detections</b>	<b>MCL [MRDL]</b>	<b>PHG (MCLG) [MRDLG]</b>	<b>Typical Sources of Contaminant</b>
Arsenic (ug/L)	(2023)	10	10 - 11	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes
Barium (mg/L)	(2023)	0.42	n/a	1	2	Discharge from oil drilling wastes and from metal refineries; erosion of natural deposits
Nitrate as N (mg/L)	(2023)	0.8	n/a	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Nitrate + Nitrite as N (mg/L)	(2021)	0.5	n/a	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2022)	6.02	n/a	15	(0)	Erosion of natural deposits.

<b>Table 2 - TREATED DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD</b>						
<b>Chemical or Constituent</b> (and reporting units)	<b>Sample Date</b>	<b>Average Level Detected</b>	<b>Range of Detections</b>	<b>MCL [MRDL]</b>	<b>PHG (MCLG) [MRDLG]</b>	<b>Typical Sources of Contaminant</b>
Arsenic (ug/L)	(2023)	ND	ND - 2	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes

Table 3 - DETECTION OF UNREGULATED CONTAMINANTS					
Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	Notification Level	Typical Sources of Contaminant
Vanadium (ug/L)	(2023)	33	n/a	50	Vanadium exposures resulted in developmental and reproductive effects in rats.

Table 4 - DETECTION OF DISINFECTANT/DISINFECTANT BYPRODUCT RULE							
Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL (MRDL)	PHG (MCLG)	Violation	Typical Sources of Contaminant
Chlorine (mg/L)	(2020)	0.00	n/a	4.0	4.0	No	Drinking water disinfectant added for treatment.

## 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 the service lines and home plumbing. *Fisher Nursery* 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/lead>.

## 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
Arsenic				Some people who drink water containing arsenic in excess of the MCL over many years could experience skin damage or problems with their circulatory system, and may have an increased risk of getting cancer.

**About your Arsenic:** For Arsenic detected above 5 ug/L (50% of the MCL) but below or equal to 10 ug/L: While your drinking water meets the federal and state standard for arsenic, it does contain low levels of arsenic. The arsenic standard balances the current understanding of arsenic's possible health effects against the costs of removing arsenic from drinking water. The U.S. Environmental Protection Agency continues to research the health effects of low levels of arsenic, which is a mineral known to cause cancer in humans at high concentrations and is linked to other health effects such as skin damage and circulatory problems.

## **2023 Consumer Confidence Report**

### **Drinking Water Assessment Information**

#### **Assessment Information**

A Source Assessment has not been completed for the source WELL #5 of the FISHER NURSERY water system.

WELL #5 - does not have a completed Source Water Assessment on file.

#### **Discussion of Vulnerability**

Assessment summaries are not available for some sources. This is because:

- ☐ The Assessment has not been completed. Contact the local Department of Health Services (DHS) Drinking Water field office or the water system to find out when the Assessment is scheduled to be done.
- ☐ The source is not active. It may be out of service, or new and not yet in service.
- ☐ The Assessment was not submitted electronically. The site used to obtain Assessments only provides access to Assessment summaries submitted electronically.

#### **Acquiring Information**

For more info you may visit [https://www.waterboards.ca.gov/drinking\\_water/certlic/drinkingwater/DWSAP.html](https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/DWSAP.html) or contact the health department in the county to which the water system belongs as indicated on this following link: [https://www.waterboards.ca.gov/drinking\\_water/programs/documents/ddwem/DDWdistrictofficesmap.pdf](https://www.waterboards.ca.gov/drinking_water/programs/documents/ddwem/DDWdistrictofficesmap.pdf)

## Fisher Nursery

### Analytical Results By FGL - 2023

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
<b>Arsenic</b>		ug/L		10	0.004			10	10 - 11
WELL #5	STK2354157-1	ug/L				2023-10-12	11		
WELL #5	STK2338814-1	ug/L				2023-07-06	10		
WELL #5	STK2334187-1	ug/L				2023-04-07	10		
WELL #5	STK2330046-1	ug/L				2023-01-05	10		
<b>Barium</b>		mg/L	2	1	2			0.42	0.42 - 0.42
WELL #5	STK2334187-1	mg/L				2023-04-07	0.42		
<b>Nitrate as N</b>		mg/L		10	10			0.8	0.8 - 0.8
WELL #5	STK2334187-1	mg/L				2023-04-07	0.8		
<b>Nitrate + Nitrite as N</b>		mg/L		10	10			0.5	0.5 - 0.5
WELL #5	STK2131400-1	mg/L				2021-02-02	0.5		
<b>Gross Alpha</b>		pCi/L		15	(0)			6.02	6.02 - 6.02
WELL #5	STK2237458-1	pCi/L				2022-06-01	6.02		

TREATED PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Arsenic		ug/L		10	0.004			ND	ND - 2
ARSENIC PLANT	STK2356534-1	ug/L				2023-12-05	ND		
ARSENIC PLANT	STK2355441-1	ug/L				2023-11-08	ND		
ARSENIC PLANT	STK2354156-1	ug/L				2023-10-12	ND		
ARSENIC PLANT	STK2352096-1	ug/L				2023-09-06	ND		
ARSENIC PLANT	STK2350174-1	ug/L				2023-08-02	ND		
ARSENIC PLANT	STK2338668-1	ug/L				2023-07-06	ND		
ARSENIC PLANT	STK2336899-1	ug/L				2023-06-01	2		
ARSENIC PLANT	STK2335510-1	ug/L				2023-05-04	ND		
ARSENIC PLANT	STK2334185-1	ug/L				2023-04-07	ND		
ARSENIC PLANT	STK2332452-1	ug/L				2023-03-01	2		
ARSENIC PLANT	STK2331259-1	ug/L				2023-02-01	2		
ARSENIC PLANT	STK2330045-1	ug/L				2023-01-05	2		

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Vanadium		ug/L		NS	n/a			33	33 - 33
WELL #5	STK2334187-1	ug/L				2023-04-07	33		

[illegible]

# Fisher Nursery

## CCR Login Linkage - 2023

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
TRTMENT	STK2330045-1	2023-01-05	Metals, Total	ARSENIC PLANT	Arsenic Monitoring
	STK2331259-1	2023-02-01	Metals, Total	ARSENIC PLANT	Arsenic Monitoring
	STK2332452-1	2023-03-01	Metals, Total	ARSENIC PLANT	Arsenic Monitoring
	STK2334185-1	2023-04-07	Metals, Total	ARSENIC PLANT	Arsenic Monitoring
	STK2335510-1	2023-05-04	Metals, Total	ARSENIC PLANT	Arsenic Monitoring
TreatedWater	STK2336899-1	2023-06-01	Metals, Total	ARSENIC PLANT	Arsenic Monitoring
TRTMENT	STK2338668-1	2023-07-06	Metals, Total	ARSENIC PLANT	Arsenic Monitoring
	STK2350174-1	2023-08-02	Metals, Total	ARSENIC PLANT	Arsenic Monitoring
	STK2352096-1	2023-09-06	Metals, Total	ARSENIC PLANT	Arsenic Monitoring
	STK2354156-1	2023-10-12	Metals, Total	ARSENIC PLANT	Arsenic Monitoring
	STK2355441-1	2023-11-08	Metals, Total	ARSENIC PLANT	Arsenic Monitoring
	STK2356534-1	2023-12-05	Metals, Total	ARSENIC PLANT	Arsenic Monitoring
Bathroom #4 WH	STK2150411-5	2021-07-19	Metals, Total	Bathroom #4 WH	Lead & Copper Monitoring
Bathroom #5 WH	STK2150411-3	2021-07-19	Metals, Total	Bathroom #5 WH	Lead & Copper Monitoring
Breakroom #2	STK2150411-4	2021-07-19	Metals, Total	Breakroom #2	Lead & Copper Monitoring
Breakroom Sink	STK2150411-2	2021-07-19	Metals, Total	Breakroom Sink #1	Lead & Copper Monitoring
Office HB	STK2330044-1	2023-01-05	Coliform	Office HB	Bacteriological Sampling
	STK2331258-1	2023-02-01	Coliform	Office HB	Bacteriological Sampling
	STK2332451-1	2023-03-01	Coliform	Office HB	Bacteriological Sampling
	STK2334184-1	2023-04-07	Coliform	Office HB	Bacteriological Sampling
	STK2335509-1	2023-05-04	Coliform	Office HB	Bacteriological Sampling
	STK2336898-1	2023-06-01	Coliform	Office HB	Bacteriological Sampling
	STK2338667-1	2023-07-06	Coliform	Office HB	Bacteriological Sampling
	STK2350173-1	2023-08-02	Coliform	Office HB	Bacteriological Sampling
	STK2352095-1	2023-09-06	Coliform	Office HB	Bacteriological Sampling
	STK2354155-1	2023-10-12	Coliform	Office HB	Bacteriological Sampling
	STK2355375-1	2023-11-08	Coliform	Office HB	Bacteriological Sampling
	STK2356533-1	2023-12-05	Coliform	Office HB	Bacteriological Sampling
Office Sink	STK2150411-1	2021-07-19	Metals, Total	Office Sink	Lead & Copper Monitoring
Well 05	STK2030782-4	2020-01-16	Field Test	WELL #5	FISHER NURSERY
Well#5 DW	STK2131400-1	2021-02-02	Wet Chemistry	WELL #5	On-Farm DW Well Program
Well 05	STK2237458-1	2022-06-01	Radio Chemistry	WELL #5	Radio Monitoring
	STK2330046-1	2023-01-05	Metals, Total	WELL #5	Water Quality Monitoring
	STK2334187-1	2023-04-07	Metals, Total	WELL #5	Water Quality Monitoring
	STK2334187-1	2023-04-07	Wet Chemistry	WELL #5	Water Quality Monitoring
	STK2338814-1	2023-07-06	Metals, Total	WELL #5	FISHER NURSERY
	STK2354157-1	2023-10-12	Metals, Total	WELL #5	Water Quality Monitoring