

2023 Consumer Confidence Report

Water System Name: NEW HOPE LANDING GENERAL STORE

Report Date: May 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: According to SWRCB records, this Source is Groundwater. This Assessment was done using the Default Groundwater System Method.

Your water comes from 1 source(s): WELL

Opportunities for public participation in decisions that affect drinking water quality: Regularly-scheduled water board or city/county council meetings currently are not held.

For more information about this report, or any questions relating to your drinking water, please call (209)838-7842 and ask for Quality Service, Inc..

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.

Secondary Drinking Water Standards (SDWS): MCLs for the 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.

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.

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)

NTU: Nephelometric Turbidity Units

umhos/cm: micro mhos per centimeter

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.

Table(s) 1, 2, 3, 4, 5, 6 and 7 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.

Table 1 - SAMPLING RESULTS FOR SODIUM AND HARDNESS

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Sources of Contaminant
Sodium (mg/L)	(2021)	215	n/a	none	none	Salt present in the water and is generally naturally occurring
Hardness (mg/L)	(2021)	173	n/a	none	none	Sum of polyvalent cations present in the water, generally magnesium and calcium, and are usually naturally occurring

Table 2 - DETECTION OF CONTAMINANTS WITH A PRIMARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Sources of Contaminant
Barium (mg/L)	(2021)	0.29	n/a	1	2	Discharge from oil drilling wastes and from metal refineries; erosion of natural deposits
Gross Alpha (pCi/L)	(2022)	3.29	n/a	15	(0)	Erosion of natural deposits.

Table 3 - DETECTION OF CONTAMINANTS WITH A SECONDARY DRINKING WATER STANDARD

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	MCL	PHG (MCLG)	Typical Sources of Contaminant
Chloride (mg/L)	(2021)	192	n/a	500	n/a	Runoff/leaching from natural deposits; seawater influence
Color (Units)	(2021)	5	n/a	15	n/a	Naturally-occurring organic materials
Iron (ug/L)	(2021)	140	n/a	300	n/a	Leaching from natural deposits; Industrial wastes

Manganese (ug/L)	(2021)	120	n/a	50	n/a	Leaching from natural deposits
Odor Threshold at 60 °C (TON)	(2021)	1	n/a	3	n/a	Naturally-occurring organic materials.
Specific Conductance (umhos/cm)	(2021)	1340	n/a	1600	n/a	Substances that form ions when in water; seawater influence
Total Dissolved Solids (mg/L)	(2021)	760	n/a	1000	n/a	Runoff/leaching from natural deposits
Turbidity (NTU)	(2021)	0.3	n/a	5	n/a	Soil runoff

Table 4 - DETECTION OF UNREGULATED CONTAMINANTS

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	Notification Level	Typical Sources of Contaminant
Boron (mg/L)	(2021)	1.1	n/a	1	Boron exposures resulted in decreased fetal weight (developmental effects) in newborn rats.

Table 5 - ADDITIONAL DETECTIONS

Chemical or Constituent (and reporting units)	Sample Date	Average Level Detected	Range of Detections	Notification Level	Typical Sources of Contaminant
Calcium (mg/L)	(2021)	38	n/a	n/a	n/a
Magnesium (mg/L)	(2021)	19	n/a	n/a	n/a
pH (units)	(2021)	7.52	n/a	n/a	n/a
Alkalinity (mg/L)	(2021)	340	n/a	n/a	n/a
Aggressiveness Index	(2021)	12	n/a	n/a	n/a
Langelier Index	(2021)	0.1	n/a	n/a	n/a

Table 6 - 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)	(2023)	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. *New Hope Landing* 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
Manganese				Manganese exposures resulted in neurological effects. High levels of manganese in people have been shown to result in adverse effects to the nervous system.

2023 Consumer Confidence Report Drinking Water Assessment Information

Assessment Information

A source water assessment was conducted for the LPA REPORTED PRIMARY SOURCE of the NEW HOPE LANDING GENERAL STORE water system in December, 2001.

Acquiring Information

A copy of the complete assessment may be viewed at:

San Joaquin County
Environmental Health Department
1868 E. Hazelton Avenue
Stockton, CA 95202

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

Willy Ng, REHS
SJ Co Environmental Health Department
(209) 468-3448
wng@phs.hs.co.san-joaquin.ca.us

New Hope Landing

Analytical Results By FGL - 2023

SAMPLING RESULTS FOR SODIUM AND HARDNESS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Sodium		mg/L		none	none			215	215 - 215
WELL	STK2139576-1	mg/L				2021-07-12	215		
Hardness		mg/L		none	none			173	173 - 173
WELL	STK2139576-1	mg/L				2021-07-12	173		

PRIMARY DRINKING WATER STANDARDS (PDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Barium		mg/L	2	1	2			0.29	0.29 - 0.29
WELL	STK2139576-1	mg/L				2021-07-12	0.29		
Gross Alpha		pCi/L		15	(0)			3.29	3.29 - 3.29
WELL	STK2239532-1	pCi/L				2022-07-11	3.29		

SECONDARY DRINKING WATER STANDARDS (SDWS)									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Chloride		mg/L		500	n/a			192	192 - 192
WELL	STK2139576-1	mg/L				2021-07-12	192		
Color		Units		15	n/a			5	5 - 5
WELL	STK2139576-1	Units				2021-07-12	5		
Iron		ug/L		300	n/a			140	140 - 140
WELL	STK2139576-1	ug/L				2021-07-12	140		
Manganese		ug/L		50	n/a			120	120 - 120
WELL	STK2139576-1	ug/L				2021-07-12	120		
Odor Threshold at 60 °C		TON		3	n/a			1	1 - 1
WELL	STK2139576-1	TON				2021-07-12	1		
Specific Conductance		umhos/cm		1600	n/a			1340	1340 - 1340
WELL	STK2139576-1	umhos/cm				2021-07-12	1340		
Total Dissolved Solids		mg/L		1000	n/a			760	760 - 760
WELL	STK2139576-1	mg/L				2021-07-12	760		
Turbidity		NTU		5	n/a			0.3	0.3 - 0.3
WELL	STK2139576-1	NTU				2021-07-12	0.3		

UNREGULATED CONTAMINANTS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Boron		mg/L		NS	n/a			1.1	1.1 - 1.1
WELL	STK2139576-1	mg/L				2021-07-12	1.1		

ADDITIONAL DETECTIONS									
		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Calcium		mg/L			n/a			38	38 - 38
WELL	STK2139576-1	mg/L				2021-07-12	38		
Magnesium		mg/L			n/a			19	19 - 19
WELL	STK2139576-1	mg/L				2021-07-12	19		
pH		units			n/a			7.52	7.52 - 7.52
WELL	STK2139576-1	units				2021-07-12	7.52		
Alkalinity		mg/L			n/a			340	340 - 340
WELL	STK2139576-1	mg/L				2021-07-12	340		
Aggressiveness Index					n/a			12.0	12.0 - 12.0
WELL	STK2139576-1					2021-07-12	12.0		
Langelier Index					n/a			0.1	0.1 - 0.1

New Hope Landing

CCR Login Linkage - 2023

FGL Code	Lab ID	Date_Sampled	Method	Description	Property
Bacti-Rpt-ss02	STK2331174-3	2023-01-26	Coliform	Bladder Tank HB	Bacti Monitoring
Bacti-Rout-ss01	STK2330313-1	2023-01-09	Coliform	Space # 63	Routine Bacti Monitoring
	STK2331174-1	2023-01-26	Coliform	Space # 63	Bacti Monitoring
	STK2331930-1	2023-02-13	Coliform	Space # 63	Routine Bacti Monitoring
	STK2333169-1	2023-03-13	Coliform	Space # 63	Routine Bacti Monitoring
	STK2334273-1	2023-04-10	Coliform	Space # 63	Routine Bacti Monitoring
	STK2335767-1	2023-05-08	Coliform	Space # 63	Routine Bacti Monitoring
	STK2337659-1	2023-06-12	Coliform	Space # 63	Routine Bacti Monitoring
	STK2338956-1	2023-07-10	Coliform	Space # 63	Routine Bacti Monitoring
	STK2350975-1	2023-08-14	Coliform	Space # 63	Routine Bacti Monitoring
	STK2352361-1	2023-09-11	Coliform	Space # 63	Routine Bacti Monitoring
	STK2353916-1	2023-10-09	Coliform	Space # 63	Routine Bacti Monitoring
	STK2355649-1	2023-11-13	Coliform	Space # 63	Routine Bacti Monitoring
	STK2356847-1	2023-12-11	Coliform	Space # 63	Routine Bacti Monitoring
Bacti-Rpt-ss01	STK2331174-2	2023-01-26	Coliform	Space #01	Bacti Monitoring
CuPb-ss01	STK2151157-1	2021-08-05	Metals, Total	Space #05	Copper & Lead Monitoring
CuPb-ss02	STK2151157-2	2021-08-05	Metals, Total	Space #24	Copper & Lead Monitoring
CuPb-ss03	STK2151157-3	2021-08-05	Metals, Total	Space #26	Copper & Lead Monitoring
CuPb-ss04	STK2151157-4	2021-08-05	Metals, Total	Space #32	Copper & Lead Monitoring
CuPb-ss05	STK2151157-5	2021-08-05	Metals, Total	Space #45	Copper & Lead Monitoring
WELL HEAD	STK2139576-1	2021-07-12	Wet Chemistry	WELL	Water Quality Monitoring
	STK2139576-1	2021-07-12	General Mineral	WELL	Water Quality Monitoring
	STK2139576-1	2021-07-12	Metals, Total	WELL	Water Quality Monitoring
	STK2239532-1	2022-07-11	Radio Chemistry	WELL	NEW HOPE LANDING GENERAL STORE
	STK2331174-4	2023-01-26	Field Test	WELL	NEW HOPE LANDING GENERAL STORE