

2023 Consumer Confidence Report

Water System Name: SJC MICKE GROVE PARK

Report Date: June 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, NORTHWEST WELL is Groundwater. This Assessment was done using the Default Groundwater System Method. This info is not available for SOUTH WELL as this water system does not have a completed assessment on file for this source. Please see the Drinking Water Source Assessment Information section located at the end of this report for more details.

Your water comes from 2 source(s): NORTHWEST WELL and SOUTH WELL
and from 3 treated location(s): GAC FILTERS - NORTHWEST WELL, GAC FILTERS - SOUTH WELL and Treated Effluent

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.

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.

Table(s) 1, 2, 3, 4, 5 and 6 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 SHOWING THE DETECTION OF LEAD AND COPPER							
Lead and Copper (complete if lead or copper detected in last sample set)	Sample Date	No. of Samples	90th percentile level detected	No. Sites Exceeding AL	AL	PHG	Typical Sources of Contaminant
Copper (mg/L)	(2023)	5	0.20	0	1.3	.3	Internal corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives

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
Arsenic (ug/L)	(2021 - 2023)	3	n/a	10	0.004	Erosion of natural deposits; runoff from orchards, glass and electronics production wastes
Barium (mg/L)	(2021 - 2023)	ND	ND - 0.11	1	2	Discharge from oil drilling wastes and from metal refineries; erosion of natural deposits
Fluoride (mg/L)	(2022)	0.1	n/a	2	1	Erosion of natural deposits; water additive that promotes strong teeth; discharge from fertilizer and aluminum factories.
Nitrate as N (mg/L)	(2023)	1.4	1.2 - 1.6	10	10	Runoff and leaching from fertilizer use; leaching from septic tanks and sewage; erosion of natural deposits
Gross Alpha (pCi/L)	(2016 - 2022)	1.76	1.30 - 2.21	15	(0)	Erosion of natural deposits.

Dibromochloropropane (DBCP) (ng/L)	(2023)	20	ND - 39	200	1.7	Banned nematocide that may still be present in soils due to runoff/leaching from former use on soybeans, cotton, vineyards, tomatoes, and tree fruit
Uranium (pCi/L)	(2016)	2.52	n/a	20	0.43	Erosion of natural deposits

Table 3 - TREATED 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
Dibromochloropropane (DBCP) (ng/L)	(2023)	29	ND - 155	200	1.7	Banned nematocide that may still be present in soils due to runoff/leaching from former use on soybeans, cotton, vineyards, tomatoes, and tree fruit

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
Vanadium (ug/L)	(2021 - 2023)	24	23 - 25	50	Vanadium exposures resulted in developmental and reproductive effects in 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
pH (units)	(2018)	7.8	7.7 - 7.8	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)	(2022)	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. *Micke Grove Park WS* 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>.

2023 Consumer Confidence Report

Drinking Water Assessment Information

Assessment Information

A source water assessment was conducted for the NORTHWEST WELL (REPEAT #4) of the SJ COUNTY - MICKE GROVE PARK water system in May, 2002. A source water assessment has not been completed for the SOUTHWEST WELL of the SJC MICKE GROVE PARK water system.

Discussion of Vulnerability

Dibromochloropropane (DBCP) has been detected at levels over the Maximum Contaminant Level at the Northwest Well. All drinking fountains have been disconnected and bottled water has been provided. The three residences, the pro shop, Funderwoods and Tree Top Cafe have point of use treatment devices that completely remove all traces of DBCP before water is served. A centralized treatment system is being planned at the Northwest and South wellheads. An Assessment Summary for the Southwest Well is currently not available.

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

A copy of the complete assessment may be viewed at:

San Joaquin County
Environmental Health Department
304 E. Weber Ave, 3rd Floor
Stockton, CA 95202

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

Small Public Water Systems
SJ Co Environmental Health Department
(209) 468-3420

For more info you may visit <http://swap.ice.ucdavis.edu/TSinfo/TSintro.asp> or contact the health department in the county to which the water system belongs.

Micke Grove Park WS

Analytical Results By FGL - 2023

LEAD AND COPPER RULE

		Units	MCLG	CA-MCL	PHG	Sampled	Result	90th Percentile	# Samples
Copper		mg/L		1.3	.3			0.195	5
Auditorium-Kitchen Sink	STK2338406-1	mg/L				2023-06-23	ND		
Calavers-Picnic Shelter	STK2338406-2	mg/L				2023-06-23	0.06		
Camanche-Picnic Shelter	STK2338406-3	mg/L				2023-06-23	ND		
DeltaShelter-Kitchen Sink	STK2338406-5	mg/L				2023-06-23	0.33		
Stanislaus-Picnic Shelter	STK2338406-4	mg/L				2023-06-23	ND		

PRIMARY DRINKING WATER STANDARDS (PDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Arsenic		ug/L		10	0.004			3	3 - 3
NORTHWEST WELL	STK2339232-1	ug/L				2023-07-13	3		
SOUTH WELL	STK2139463-1	ug/L				2021-07-09	3		
Barium		mg/L	2	1	2			ND	ND - 0.11
NORTHWEST WELL	STK2339232-1	mg/L				2023-07-13	ND		
SOUTH WELL	STK2139463-1	mg/L				2021-07-09	0.11		
Fluoride		mg/L		2	1			0.1	0.1 - 0.1
NORTHWEST WELL	STK2231889-1	mg/L				2022-02-08	0.1		
SOUTH WELL	STK2231889-2	mg/L				2022-02-08	0.1		
Nitrate as N		mg/L		10	10			1.4	1.2 - 1.6
NORTHWEST WELL	STK2330725-1	mg/L				2023-01-18	1.2		
SOUTH WELL	STK2330725-2	mg/L				2023-01-18	1.6		
Gross Alpha		pCi/L		15	(0)			1.76	1.30 - 2.21
NORTHWEST WELL	STK1632399-1	pCi/L				2016-03-03	1.30		
SOUTH WELL	STK2233585-1	pCi/L				2022-03-16	2.21		
Dibromochloropropane (DBCP)		ng/L		200	1.7			20	ND - 39
NORTHWEST WELL	STK2330725-1	ng/L				2023-01-18	ND		
SOUTH WELL	STK2330725-2	ng/L				2023-01-18	39		
Uranium		pCi/L		20	0.43			2.52	2.52 - 2.52
SOUTH WELL	STK1632399-2	pCi/L				2016-03-03	2.52		

TREATED PRIMARY DRINKING WATER STANDARDS (PDWS)

		Units	MCLG	CA-MCL	PHG	Sampled	Result	Avg. Result(a)	Range (b)
Dibromochloropropane (DBCP)		ng/L		200	1.7			28.89	ND - 155
GAC FILTERS - NORTHWEST WELL	STK2355462-1	ng/L				2023-11-08	ND		
GAC FILTERS - NORTHWEST WELL	STK2354473-1	ng/L				2023-10-17	ND		
GAC FILTERS - NORTHWEST WELL	STK2352549-1	ng/L				2023-09-14	ND		
GAC FILTERS - NORTHWEST WELL	STK2350496-1	ng/L				2023-08-04	ND		
GAC FILTERS - NORTHWEST WELL	STK2339231-1	ng/L				2023-07-13	ND		
GAC FILTERS - NORTHWEST WELL	STK2338239-1	ng/L				2023-06-21	ND		
GAC FILTERS - NORTHWEST WELL	STK2335737-1	ng/L				2023-05-05	ND		
GAC FILTERS - NORTHWEST WELL	STK2334363-1	ng/L				2023-04-11	ND		
GAC FILTERS - NORTHWEST WELL	STK2332871-1	ng/L				2023-03-07	ND		
GAC FILTERS - NORTHWEST WELL	STK2332104-1	ng/L				2023-02-15	ND		

Micke Grove Park WS

CCR Login Linkage - 2023

FGL Code	Lab ID	Date Sampled	Method	Description	Property
DST_LCR	STK2338406-1	2023-06-23	Metals, Total	Auditorium-Kitchen Sink	Copper & Lead Monitoring
	STK2338406-2	2023-06-23	Metals, Total	Calavers-Picnic Shelter	Copper & Lead Monitoring
	STK2338406-3	2023-06-23	Metals, Total	Camanche-Picnic Shelter	Copper & Lead Monitoring
	STK2338406-5	2023-06-23	Metals, Total	DeltaShelter-Kitchen Sink	Copper & Lead Monitoring
WELL- NW Trtd	STK2330724-1	2023-01-18		GAC FILTERS - NORTHWEST WELL	North GAC Filter Plant
	STK2332104-1	2023-02-15		GAC FILTERS - NORTHWEST WELL	North GAC Filter Plant
	STK2332871-1	2023-03-07		GAC FILTERS - NORTHWEST WELL	North GAC Filter Plant
	STK2334363-1	2023-04-11	EPA 504.1	GAC FILTERS - NORTHWEST WELL	North GAC Filter Plant
	STK2335737-1	2023-05-05	EPA 504.1	GAC FILTERS - NORTHWEST WELL	North GAC Filter Plant
	STK2338239-1	2023-06-21	EPA 504.1	GAC FILTERS - NORTHWEST WELL	North GAC Filter Plant
	STK2339231-1	2023-07-13	EPA 504.1	GAC FILTERS - NORTHWEST WELL	North GAC Filter Plant
	STK2350496-1	2023-08-04	EPA 504.1	GAC FILTERS - NORTHWEST WELL	North GAC Filter Plant
	STK2352549-1	2023-09-14	EPA 504.1	GAC FILTERS - NORTHWEST WELL	North GAC Filter Plant
	STK2354473-1	2023-10-17	EPA 504.1	GAC FILTERS - NORTHWEST WELL	North GAC Filter Plant
	STK2355462-1	2023-11-08	EPA 504.1	GAC FILTERS - NORTHWEST WELL	North GAC Filter Plant
WELL- S Trtd	STK2330727-1	2023-01-18		GAC FILTERS - SOUTH WELL	South GAC Filter Plant
	STK2332108-1	2023-02-15		GAC FILTERS - SOUTH WELL	South GAC Filter Plant
	STK2332938-1	2023-03-07		GAC FILTERS - SOUTH WELL	SJC MICKE GROVE PARK
	STK2334364-1	2023-04-11	EPA 504.1	GAC FILTERS - SOUTH WELL	South GAC Filter Plant
	STK2335740-1	2023-05-05	EPA 504.1	GAC FILTERS - SOUTH WELL	South GAC Filter Plant
	STK2338240-1	2023-06-21	EPA 504.1	GAC FILTERS - SOUTH WELL	South GAC Filter Plant
	STK2339233-1	2023-07-13	EPA 504.1	GAC FILTERS - SOUTH WELL	South GAC Filter Plant
	STK2350498-1	2023-08-04	EPA 504.1	GAC FILTERS - SOUTH WELL	South GAC Filter Plant
	STK2352550-1	2023-09-14	EPA 504.1	GAC FILTERS - SOUTH WELL	South GAC Filter Plant
	STK2354474-1	2023-10-17	EPA 504.1	GAC FILTERS - SOUTH WELL	South GAC Filter Plant
	STK2355464-1	2023-11-08	EPA 504.1	GAC FILTERS - SOUTH WELL	South GAC Filter Plant
	STK2357288-1	2023-12-19	EPA 504.1	GAC FILTERS - SOUTH WELL	South GAC Filter Plant
Bacti-1RPT 3	STK2332106-1	2023-02-15	Coliform	Memorial Bldg. Public Restroom	Bacteriological Monitoring - 2
	STK2334362-1	2023-04-11	Coliform	Memorial Bldg. Public Restroom	Bacteriological Monitoring - 2
	STK2338238-1	2023-06-21	Coliform	Memorial Bldg. Public Restroom	Bacteriological Monitoring - 2
	STK2350495-1	2023-08-04	Coliform	Memorial Bldg. Public Restroom	Bacteriological Monitoring - 2
	STK2354472-1	2023-10-17	Coliform	Memorial Bldg. Public Restroom	Bacteriological Monitoring - 2
	STK2357286-1	2023-12-19	Coliform	Memorial Bldg. Public Restroom	Bacteriological Monitoring - 2
Mokeulumne Sink	STK2355095-1	2023-10-31	Coliform	Mokeulumne Sink	Baterial Logical Sampling
Micke Gro-Museu	STK2353173-1	2023-09-22	Coliform	Museum HB Rear Restroom	Bacteriological Sampling-Micke Grove
N. Well After P	STK2331166-1	2023-01-25	Coliform	North Well After Pressure Tank	Bacteriological Sampling
WELL- NW	STK1632399-1	2016-03-03	Radio Chemistry	NORTHWEST WELL	Gross Alpha Radiological
	STK2231889-1	2022-02-08	Wet Chemistry	NORTHWEST WELL	Water Quality Monitoring
Bacti-1RPT 7	STK2233455-5	2022-03-10	Field Test	NORTHWEST WELL	Bacteriological -1 Repeat Sampling
WELL- NW	STK2330725-1	2023-01-18		NORTHWEST WELL	Water Quality Monitoring
	STK2330725-1	2023-01-18	Wet Chemistry	NORTHWEST WELL	Water Quality Monitoring
	STK2339232-1	2023-07-13	Metals, Total	NORTHWEST WELL	North Well - IOC Monitoring
S Well Vessel B	STK1834851-2	2018-04-13	Wet Chemistry	S Well Vessel B	Micke Grove
WELL- S	STK1632399-2	2016-03-03	Radio Chemistry	SOUTH WELL	Gross Alpha Radiological
	STK2139463-1	2021-07-09	Metals, Total	SOUTH WELL	South Well NO2 & IOC Monitoring
	STK2231889-2	2022-02-08	Wet Chemistry	SOUTH WELL	Water Quality Monitoring

Bacti-1RPT 8	STK2233455-6	2022-03-10	Field Test	SOUTH WELL	Bacteriological -1 Repeat Sampling
WELL- S	STK2233585-1	2022-03-16	Radio Chemistry	SOUTH WELL	South Well - Radilogical
	STK2330725-2	2023-01-18		SOUTH WELL	Water Quality Monitoring
	STK2330725-2	2023-01-18	Wet Chemistry	SOUTH WELL	Water Quality Monitoring
S Well ST	STK1834851-1	2018-04-13	Wet Chemistry	South Well ST	Micke Grove
Bacti-1RPT 1	STK2330726-1	2023-01-18	Coliform	ST@ N. Bathroom Pressure MS	Bacteriological Monitoring
	STK2332872-1	2023-03-07	Coliform	ST@ N. Bathroom Pressure MS	Bacti Monitoring - 1
	STK2335739-1	2023-05-05	Coliform	ST@ N. Bathroom Pressure MS	Bacteriological Monitoring
	STK2339230-1	2023-07-13	Coliform	ST@ N. Bathroom Pressure MS	Bacteriological Monitoring
	STK2352548-1	2023-09-14	Coliform	ST@ N. Bathroom Pressure MS	Bacteriological Monitoring
	STK2355461-1	2023-11-08	Coliform	ST@ N. Bathroom Pressure MS	Bacteriological Monitoring
DST_LCR	STK2338406-4	2023-06-23	Metals, Total	Stanislaus-Picnic Shelter	Copper & Lead Monitoring
Treated Effluen	STK2350498-2	2023-08-04	EPA 504.1	Treated Effluent	South GAC Filter Plant
	STK2352550-2	2023-09-14	EPA 504.1	Treated Effluent	South GAC Filter Plant
	STK2354474-2	2023-10-17	EPA 504.1	Treated Effluent	South GAC Filter Plant
	STK2355464-2	2023-11-08	EPA 504.1	Treated Effluent	South GAC Filter Plant
	STK2357288-2	2023-12-19	EPA 504.1	Treated Effluent	South GAC Filter Plant