## **2023 Consumer Confidence Report**

#### **Water System Information**

Water System Name: Valley Estates POA, Inc.

Report Date: March 18, 2024

Type of Water Source(s) in Use: Ground Water

Name and General Location of Source(s): Marjorie Well and Hanning Well

Drinking Water Source Assessment Information: Prepared August 2002 by California Department of Health. Report is available by contacting Mike Higgins (760) 378-1028. See attachments for report summaries

Time and Place of Regularly Scheduled Board Meetings for Public Participation: 6PM the third Tuesday of each month, except June, July, August and December, at the Valley Estates Community Center, 14213 Allen Ave., Weldon, CA 93283.

For More Information, Contact: Judy Gutierrez (760) 299-3438

#### **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, 2022 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 Valley Estates POA, Inc. a (760) 299-3438. 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 [Enter Water System Name]以获得中文的帮助: PO Box 328, Weldon, CA 93283 (760) 299-3438

Language in Tagalog: Ang pag-uulat na ito ay naglalaman ng mahalagang impormasyon tungkol sa inyong inuming tubig. Mangyaring makipag-ugnayan sa Valley Estates POA, 14214 Allen Ave., Weldon, CA 93283 o tumawag sa (760) 299-3438 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 Valley Estates POA, Inc. tại (760) 299-3438 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 Valley Estates POA, Inc. ntawm (760) 299-3438 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
E. coli	0	0	(a)	0	Human and animal fecal waste

<sup>(</sup>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 <sup>th</sup> Percentile Level Detected	No. Sites Exceeding AL	AL	PHG	Typical Source of Contaminant
Lead (ppb)	7/23/23	5	0	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	7/23/23	5	0.083	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)	3/10/2021	34	32-34	None	None	Salt present in the water and is generally naturally occurring
Hardness (ppm)	3/10/2021	160	140-160	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
Refer to attached list						

#### 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
Refer to attached list						

### Table 6. Detection of Unregulated Contaminants

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Health Effects
Refer to attached List					

#### **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. Valley Estates POA, Inc. 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.

California Drinking Water Source Assessment and Protection (DWSAP) Program

District Name	DHS Tehachapi District	District No. 19	County	Kern		
System Name	VALLEY ESTATES POA, INC.			Syste	em No.	1500478
Source Name	WELL 02 - HANNING (NEW)	Source No	001	PS Code	150	0478-001
Completed by	DHS Tehachapi District			Pate August,	2002	

The source is considered most vulnerable to the following activities associated with contaminants detected in the water supply:

Septic systems - high density [>1/acre]
Grazing [> 5 large animals or equivalent per acre]
Housing - high density [>1 house/0.5 acres]

The source is considered most vulnerable to the following activities not associated with any detected contaminants:

Wells - Water supply

#### Discussion of Vulnerability

In addition to the PCA's listed in the vulnerability summary this source is also considered to be vulnerable to the following activities:

Transportation corridors - Roads/Streets

Concentrations of nitrate and radiation greater than the detection limit for purposes of reporting (DLR) but less than the primary drinking water standard have been detected in water produced by this source.

A copy of the complete assessment may be viewed at:

Valley Estates POA PO Box 328 14213 Allen Ave Weldon, CA 93283

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

Mike Higgins - Water Master 5413 Marjorie St. Weldon, CA 93283 (760) 378-1028 California Drinking Water Source Assessment and Protection (DWSAP) Program

District Name	DHS Tehachapi District	District No. 19	County	Kern		
System Name	VALLEY ESTATES POA, INC.			Syste	m No.	1500478
Source Name	WELL 01 - MARJORIE (OLD)	Source No	002	PS Code _	150	0478-002
Completed by	DHS Tehachapi District			ate August,	2002	

The source is considered most vulnerable to the following activities associated with contaminants detected in the water supply:

Septic systems - high density [>1/acre]
Grazing [> 5 large animals or equivalent per acre]
Housing - high density [>1 house/0.5 acres]

The source is considered most vulnerable to the following activities not associated with any detected contaminants:

Transportation corridors - Roads/Streets Wells - Water supply

#### Discussion of Vulnerability

Concentrations of arsenic, radiation and nitrate greater than the detection limit for purposes of reporting (DLR) but less than the primary drinking water standard have been detected in water produced by this source.

A copy of the complete assessment may be viewed at:

Valley Estates POA PO Box 328 14213 Allen Ave. Weldon, CA 93283

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

Mike Higgins - Water Master 5413 Marjorie St. Weldon, CA 93283 (760) 378-1028

	LAST AND NEXT SAMPLE I	REPORT HANNI	NG WELL				
Analyte Name	Detected Level	Less Than	RL	Unit	MCL	DLR	Last Sampled
ALKALINITY, BICARBONATE	180		4.1	MG/L			03-10-2021
CALCIUM	50		0.1	MG/L			03-10-2021
ALKALINITY, CARBONATE		<	4.1	MG/L			03-10-2021
CHLORIDE	16		0.5	MG/L	500		03-10-2021
COLOR	2		1	UNITS	15		03-10-2021
COPPER, FREE		<	10	UG/L	1000	50	03-10-2021
FOAMING AGENTS (SURFACTANTS)		<	0.1	MG/L	.5		03-10-2021
HARDNESS, TOTAL (AS CACO3)	160		0.5	MG/L			03-10-2021
HYDROXIDE AS CALCIUM CARBONATE		<	4.1	MG/L			03-10-2021
IRON		<	50	UG/L	300	100	03-10-2021
MAGNESIUM	8.7		0.05	MG/L			03-10-2021
MANGANESE		<	10	UG/L	50	20	03-10-2021
ODOR		<	1	TON	3	1	03-10-2021
PH	7.95		0.05	pН			03-10-2021
SILVER		<	10	UG/L	100	10	03-10-2021
SODIUM	34		0.5	MG/L			03-10-2021
CONDUCTIVITY @ 25 C UMHOS/CM	487		1	UMHO/CM	1600		03-10-2021
SULFATE	39		1	MG/L	500	.5	03-10-2021
TDS	310		20	MG/L	1000		03-10-2021
TURBIDITY	0.26		0.1	NTU	5	.1	03-10-2021
ZINC		<	50	UG/L	5000	50	03-10-2021
ALUMINUM		<	50	UG/L	1000	50	03-10-2021
ANTIMONY, TOTAL		<	2	UG/L	6	6	03-10-2021
ARSENIC		<	2	UG/L	10	2	03-10-2021
ASBESTOS		<	0.2	MFL	7	.2	06-10-2022
BARIUM	53		10	UG/L	1000	100	03-10-2021
BERYLLIUM, TOTAL		<	1	UG/L	4	1	03-10-2021
CADMIUM		<	1	UG/L	5	1	03-10-2021
CHROMIUM		<	10	UG/L	50	10	03-10-2021
FLUORIDE	0.76		0.05	MG/L	2	.1	03-10-2021
MERCURY		<	0.2	UG/L	2	1	03-10-2021
NICKEL		<	10	UG/L	100	10	03-10-2021
PERCHLORATE		<		UG/L	6	2	12-06-2023
SELENIUM		<	2	UG/L	50	5	03-10-2021
THALLIUM, TOTAL		<		UG/L	2	1	03-10-2021
NITRATE	2.3		0.1	MG/L	10	.4	03-08-2023
NITRITE		<	0.05	MG/L	1	.4	03-10-2021
GROSS ALPHA PARTICLE ACTIVITY	3.800 +/- 1.400		2.2	PCI/L	15	3	06-21-2023
COMBINED URANIUM	5.300 +/- 0.000		0.67	PCI/L	20	1	11-01-2023
1,1,1-TRICHLOROETHANE		<	0.5	UG/L	200	.5	11-07-2018
1,1,2,2-TETRACHLOROETHANE		<	0.5	UG/L	1	.5	11-07-2018
1,1,2-TRICHLOROETHANE		<		UG/L		.5	11-07-2018
1,1-DICHLOROETHANE		<		UG/L		.5	11-07-2018
1,1-DICHLOROETHYLENE		<		UG/L		.5	11-07-2018
1,2,4-TRICHLOROBENZENE		<		UG/L		.5	11-07-2018
O-DICHLOROBENZENE		<		UG/L	600		11-07-2018
1,2-DICHLOROETHANE		<		UG/L	.5	.5	11-07-2018
1,2-DICHLOROPROPANE		<		UG/L		.5	11-07-2018
1,3-DICHLOROPROPENE		<		UG/L	.5	.5	11-07-2018
P-DICHLOROBENZENE		<		UG/L		.5	11-07-2018
BENZENE		<		UG/L		.5	11-07-2018
CARBON TETRACHLORIDE		<		UG/L	.5	.5	11-07-2018
CIS-1,2-DICHLOROETHYLENE		<		UG/L		.5	11-07-2018
DICHLOROMETHANE		<		UG/L		.5	11-07-2018
ETHYLBENZENE		<		UG/L	300		11-07-2018
METHYL TERT-BUTYL ETHER		<		UG/L	13		11-07-2018
CHLOROBENZENE		<		UG/L	70		11-07-2018
STYRENE		<		UG/L	100		11-07-2018
TETRACHLOROETHYLENE		<		UG/L		.5	11-07-2018
I E INACITEOROE I I I LEINE		`		UG/L	150		11-01-2010

	LAST AND NEXT SAM			1		T	I
Analyte Name	Detected Level	Less Than	RL	Unit	MCL	DLR	Last Sampled
TRANS-1,2-DICHLOROETHYLENE		<	0.5	UG/L	10	.5	11-07-2018
TRICHLOROETHYLENE		<	0.5	UG/L	5	.5	11-07-2018
TRICHLOROFLUOROMETHANE		<	0.5	UG/L	150	5	11-07-2018
TRICHLOROTRIFLUOROETHANE		<	0.5	UG/L	1200	10	11-07-2018
VINYL CHLORIDE		<	0.5	UG/L	.5	.5	11-07-2018
XYLENES, TOTAL		<	0.5	UG/L	1750	0.5	11-07-2018
1,2,3-TRICHLOROPROPANE		<		UG/L	0.005		11-07-2018
ATRAZINE		<	0.3	UG/L	1	.5	12-16-2020
SIMAZINE		<	0.3	UG/L	4	1	12-16-2020

Analyte Name	Detected Level	Less Than	RL	Unit	MCL	DLR	Last Sampled
Analyte Name ALKALINITY, BICARBONATE	Detected Level			MG/L	IVICL	DLK	Last Sampled 03-10-2021
CALCIUM	44			MG/L			03-10-2021
ALKALINITY, CARBONATE	44	<	-	MG/L			03-10-2021
CHLORIDE	13			MG/L	500		03-10-2021
COLOR	13			UNITS	15		03-10-2021
				UG/L			
COPPER, FREE		<		· '	.5	50	03-10-2021
FOAMING AGENTS (SURFACTANTS)	140			MG/L	.5		03-10-2021
HARDNESS, TOTAL (AS CACO3)	140			MG/L			03-10-2021
HYDROXIDE AS CALCIUM CARBONATE	750	<		MG/L	200	100	03-10-2021
RON	750			UG/L	300	100	03-10-2021
MAGNESIUM	8.3		-	MG/L		20	03-10-2021
MANGANESE		<		UG/L	50		03-10-2021
DDOR		<		TON	3	1	03-10-2021
PH	8		0.05	·			03-10-2021
SILVER		<		UG/L	100	10	03-10-2021
SODIUM	32			MG/L			03-10-2021
CONDUCTIVITY @ 25 C UMHOS/CM	475			UMHO/CM			03-10-2021
SULFATE	43			MG/L	500	.5	03-10-2021
TDS	320			MG/L	1000		03-10-2021
TURBIDITY	1.1			NTU		.1	03-10-2021
ZINC		<		UG/L	5000		03-10-2021
ALUMINUM		<		UG/L	1000		03-10-2021
ANTIMONY, TOTAL		<	2	UG/L	6	6	03-10-2021
ARSENIC		<	2	UG/L	10	2	03-10-2021
ASBESTOS		<	0.2	MFL	7	.2	06-10-2022
BARIUM	36		10	UG/L	1000	100	03-10-2021
BERYLLIUM, TOTAL		<	1	UG/L	4	1	03-10-2021
CADMIUM		<	1	UG/L	5	1	03-10-2021
CHROMIUM		<	10	UG/L	50	10	03-10-2021
LUORIDE	0.78		0.05	MG/L	2	.1	03-10-2021
MERCURY		<	0.2	UG/L	2	1	03-10-2021
NICKEL		<	10	UG/L	100	10	03-10-2021
PERCHLORATE		<	2	UG/L	6	2	12-06-2023
SELENIUM		<	2	UG/L	50	5	03-10-2021
THALLIUM, TOTAL		<	1	UG/L	2	1	03-10-2021
NITRATE	1.8		0.1	MG/L	10	.4	03-08-2023
NITRITE		<	0.05	MG/L	1	.4	03-10-2021
GROSS ALPHA PARTICLE ACTIVITY	2.430 +/- 1.310		2.18	PCI/L	15	3	06-21-2023
1,1,1-TRICHLOROETHANE		<	0.5	UG/L	200	.5	11-07-2018
1,1,2,2-TETRACHLOROETHANE		<		UG/L		.5	11-07-2018
1,1,2-TRICHLOROETHANE		<		UG/L		.5	11-07-2018
1,1-DICHLOROETHANE		<		UG/L		.5	11-07-2018
1,1-DICHLOROETHYLENE		<		UG/L		.5	11-07-2018
1,2,4-TRICHLOROBENZENE		<		UG/L		.5	11-07-2018
D-DICHLOROBENZENE		<		UG/L	600		11-07-2018
1,2-DICHLOROETHANE		<		UG/L	.5	.5	11-07-2018
L,2-DICHLOROPROPANE		<		UG/L		.5	11-07-2018
1,3-DICHLOROPROPENE		<		UG/L	.5	.5	11-07-2018
P-DICHLOROBENZENE		<		UG/L		.5	11-07-2018
BENZENE		<		UG/L		.5	11-07-2018
CARBON TETRACHLORIDE		<		UG/L	.5	.5	11-07-2018
CIS-1,2-DICHLOROETHYLENE		<		UG/L		.5	11-07-2018
DICHLOROMETHANE		<	-	UG/L		.5	11-07-2018
ETHYLBENZENE		<	-	UG/L	300		11-07-2018
METHYL TERT-BUTYL ETHER		<		UG/L	13		11-07-2018
CHLOROBENZENE		<		UG/L	70		11-07-2018
STYRENE		<		UG/L	100		11-07-2018
FETRACHLOROETHYLENE		<		UG/L		.5	11-07-2018
OLUENE		<		UG/L	150		11-07-2018
FRANS-1,2-DICHLOROETHYLENE		<	0.5	UG/L	10	.5	11-07-2018

LAST AND NEXT SAMPLE REPORT MARJORIE WELL											
Analyte Name	Detected Level	Less Than	RL	Unit	MCL	DLR	Last Sampled				
TRICHLOROETHYLENE		<	0.5	UG/L	5	.5	11-07-2018				
TRICHLOROFLUOROMETHANE		<	0.5	UG/L	150	5	11-07-2018				
TRICHLOROTRIFLUOROETHANE		<	0.5	UG/L	1200	10	11-07-2018				
VINYL CHLORIDE		<	0.5	UG/L	.5	.5	11-07-2018				
XYLENES, TOTAL		<	0.5	UG/L	1750	0.5	11-07-2018				
1,2,3-TRICHLOROPROPANE		<		UG/L	0.005		11-07-2018				
ATRAZINE		<	0.3	UG/L	1	.5	12-16-2020				
SIMAZINE		<	0.3	UG/L	4	1	12-16-2020				