WHITE FENCE FARMS MUTUAL WATER CO., INC.

41901 – 20th Street West ♦ Palmdale, CA 93551 Phone: (661) 943-3316 ♦ Fax: (661) 943-3576

Consumer Confidence Report (CCR)

Annual Water Quality Report For The Year Of 2022

We are very pleased to provide you with this year's Consumer Confidence Report. We want to keep you informed about the excellent water we have delivered to you over the past year. Our goal is and always has been, to provide to you a safe and dependable supply of drinking water. Our water source is ground water and AVEK.

As the Board of Directors of White Fence Farms Mutual Water Company, we are proud to report that our drinking water is safe and meets all federal and state requirements.

Our objective is to continue to provide you with quality water service. Please feel free to give our office a call should you have any questions or concerns.

Roy Kellogg, President Michael Barosh, Vice President Barbara Kellogg, Director Andrew Gunderson, Director

2022 Consumer Confidence Report

Water System Information

Water System Name: White Fence Farms Mutual Water Co.

Report Date: July 2023

Type of Water Source(s) in Use: Ground Water Wells and Purchased Treated Surface Water

Name and General Location of Source(s): Well 2B - Lancaster

Well 3B - Palmdale and AVEK connection - east of the

service area

Drinking Water Source Assessment Information: Well 2B – December 2021 – Well 2B is considered most vulnerable to activities not associated with contaminants detected in water supply: Metal, planting/finishing/fabricating, hardware/lumber/parts stores, and fertilizer/pesticide application. The source is also considered most vulnerable to the following activities: Automobile, gas stations, septic systems (high density<1 acre) and transportation corridors.

Drinking Water Source Assessment Information: Well 3B – February 2008 – Well 3B is considered most vulnerable to the following activities not associated with any detected contaminants: Septic systems (high density<1 acre) and transportation corridors.

Time and Place of Regularly Scheduled Board Meetings for Public Participation: First Tuesday of each month at 6:30pm.

For More Information, Contact: Brindi Hall at (661) 943-3316

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 White Fence Farms Mutual Water Co. a 41901 20th St. West Palmdale, CA 93551 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: 41901 20th St. West Palmdale, CA 93551. (661) 943-3316

Language in Tagalog: Ang pag-uulat na ito ay naglalaman ng mahalagang impormasyon tungkol sa inyong inuming tubig. Mangyaring makipag-ugnayan sa White Fence Farms Mutual Water Co. 41901

20th St. West Palmdale, CA 93551 o tumawag sa (661) 943-3316 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 White Fence Farms Mutual Water Co. tại 41901 20th St. West Palmdale, CA 93551 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 White Fence Farms Mutual Water Co. ntawm 41901 20th St. West Palmdale, CA 93551 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.

Term	Definition
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	(b)	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)	9/10/2021	10	0	0	15	0.2	Internal corrosion of household water plumbing systems; discharges from industrial manufacturers; erosion of natural deposits
Copper (ppm)	9/10/2021	10	.60	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) Well 2B Well 3B	9/13/22 6/7/22	140 86	140 86	None None	None None	Salt present in the water and is generally naturally occurring
Hardness (ppm) Well 2B Well 3B	9/13/22 6/7/22	310 320	310 320	None None	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 (ppm) Well 2B	9/13/22 12/13/22	5.2 5.7	5.2 – 5.7	10	2.0	Run off and leaching from fertilizer use: leaching from septic tanks
Well 3B	Jan - Dec 2022	7.1	6.5 – 7.8	10	2.0	and sewage, erosion of natural deposits
Arsenic (ppb)						Erosion of natural
Well 2B	Jan – Dec 2022	8.4	7.6 – 9.1	10	.004	deposits: run off from orchards, glass &
Well 3B	6/7/22	ND	ND	10	.004	electronics production wastes
		*				
Uranium (pCi/L)	9/13/22					Erosion of natural deposits
Well 2B	12/13/22	5.8 6.0	5.8 & 6.0	20	10	Tiatarar deposits
Well 3B	6/4/19	1.2	1.2	20	10	
						Erosion of
Gross Alpha Well 2B	12/13/22	6.4	6.4	15	15	natural deposits
Well 3B	12/8/20	4.5	4.5	15	15	

TTHM (ppb)	Jan – Dec 2022	13.8	6.50 - 21.20	80	1.0	Byproduct of drinking water disinfection
HAA5 (ppb)	Jan – Dec	3.41	1.30 – 6.80	60	1.0	Byproduct of drinking water disinfection
Fluoride						Erosion of
Well 2B	9/13/22	0.36	0.36	2.0	0.1	natural deposits, water
Well 3B	6/7/22	0.15	0.15	2.0	0.1	additive which promotes healthy teeth, discharge from fertilizer and aluminum factories
Perchlorate						Perchlorate is
Well 2B	9/13/22	ND	ND	6	4.0	an inorganic chemical used
Well 3B	Mar & Jun 2022	1.7	ND – 3.4	6	4.0	in solid rock propellant, fireworks, explosives, flares, matches, and a variety of industries. It usually gets into drinking water as a result of environmental contamination from historical aerospace or other industrial operations that
						use, store, or dispose of perchlorate and its salts

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
Chloride (ppm)		·				Run off/leaching
Well 2B	9/13/22	92	92	500	1.0	from natural deposits; seawater
Well 3B	6/7/22	110	110	500	1.0	influence
						Run off from
Sulfate (ppm)						natural deposits;
Well 2B	9/13/22	240	240	500	.05	seawater influence
Well 3B	6/7/22	160	160	500	.05	
TDC						Naturally occurring
TDS Well 2B	Jan – Dec	710 - 780	710 – 780	1000	1000	organic materials
vveii 2b	2022	710-760	710-760	1000	1000	
Well 3B	Jan – Dec	590 - 670	590 - 670	1000	1000	
	2022					
Specific Conductance (E.C)						Substances that form ions when in water; seawater
Well 2B	Jan – Dec 2022	1100 - 1200	1100 –1200	1600	1600	influence
Well 3B	Jan – Dec 2022	970 - 1000	970 - 1000	1600	1600	

Table 6. Detection of Unregulated Contaminants

Chemical or Constituent (and reporting units)	Sample Date	Level Detected	Range of Detections	Notification Level	Health Effects
Vanadium (ppb) Well 2B Well 3B	9/13/22 6/7/22	13 5.7	13 5.7	50 50	Vanadium exposures have resulted in developmental and reproductive effects in rats

Boron (ppm) Well 2B	9/13/22	170	170	1.0	Boron exposures have resulted in decreased fetal weight (developmental effects) in newborn rats

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. [Enter Water System's Name] 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: Nitrate in drinking water at levels above 10mg/L is a health risk for infants of less than six months of age. Such nitrate levels in drinking water can interfere with the capability of the infant's blood to carry oxygen, resulting in serious illness; symptoms include shortness of breath and blueness of the skin. Nitrate levels above 10mg/L my also affect the ability of blood to carry oxygen in other individuals, such as pregnant women and those with specific enzyme deficiencies. If you are caring for an infant, or you are pregnant, you should ask advice from your health care provider.

Additional Special Language for Arsenic: While your drinking water meets the federal and state standards for arsenic, it does contain low levels of arsenic. The standard balances the current understanding of arsenic's possible health effects against the cost of removing arsenic from drinking water. The U. S. Environmental Protection Agency continues to research the health effects from 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.

State Revised Total Coliform Rule (RTCR): This Consumer Confidence Report reflects changes in the drinking water regulatory requirements during 2022. These revisions add the requirements of the Federal RTCR, effective since April 1, 2016, to the existing state Total Coliform Rule. The revised rule maintains the purpose to protect public health by ensuring the integrity of the drinking water distribution system and monitoring for the presence of microbials (i.e. total coliform and E. coli bacteria). The U.S. EPA anticipates greater public health protection as the rule requires water systems that are vulnerable to microbial contamination to identify and fix problems. Water systems that exceed a specific frequency of total coliform occurrences are required to conduct an assessment to determine if any sanitary defects exist. If found, these must be corrected by the water system. The State RTCR became effective July 1, 2021.

Summary Information for Violation of a MCL, MRDL, AL, TT, or Monitoring and Reporting Requirement

Table 7. Violation of a MCL, MRDL, AL, TT or Monitoring Reporting Requirement

Violation	Explanation	Duration	Actions Taken to Correct Violation	Health Effects Language

For Water Systems Providing Groundwater as a Source of Drinking Water

Table 8. Sampling Results Showing Fecal Indicator-Positive Groundwater Source Samples

Microbiological Contaminants (complete if fecal- indicator detected)	Total No. of Detections	Sample Dates	MCL [MRDL]	PHG (MCLG) [MRDLG]	Typical Source of Contaminant
E. coli	0		0	(0)	Human and animal fecal waste
Enterococci	0	[Enter Dates]	тт	N/A	Human and animal fecal waste
Coliphage	0	[Enter Dates]	TT	N/A	Human and animal fecal waste

Summary Information for Fecal Indicator-Positive Groundwater Source Samples, Uncorrected Significant Deficiencies, or Violation of a Groundwater TT

Special Notice of Fecal Indicator-Positive Groundwater Source Sample: NONE

Special Notice for Uncorrected Significant Deficiencies: N	INOINE
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Table 9. Violation of Groundwater TT

Violation	Explanation	Duration	Actions Taken to Correct Violation	Health Effects Language
Not Applicable				

For Systems Providing Surface Water as a Source of Drinking Water

Table 10. Sampling Results Showing Treatment of Surface Water Sources

Treatment Technique (a) (Type of approved filtration technology used)	[Enter Treatment Technique]
Turbidity Performance Standards (b) (that must be met through the water treatment process)	Turbidity of the filtered water must: 1 – Be less than or equal to NTU in 95% of measurements in a month. 2 – Not exceedNTU for more than eight consecutive hours. 3 – Not exceedNTU at any time.
Lowest monthly percentage of samples that met Turbidity Performance Standard No. 1.	
Highest single turbidity measurement during the year	
Number of violations of any surface water treatment requirements	

⁽a) A required process intended to reduce the level of a contaminant in drinking water.

Summary Information for Violation of a Surface Water TT

Table 11. Violation of Surface Water TT

Violation	Explanation	Duration	Actions Taken to Correct Violation	Health Effects Language
Not Applicable				

⁽b) Turbidity (measured in NTU) is a measurement of the cloudiness of water and is a good indicator of water quality and filtration performance. Turbidity results which meet performance standards are considered to be in compliance with filtration requirements.

Summary Information for Operating Under a Variance or Exemption

NONE

Summary Information for Revised Total Coliform Rule Level 1 and Level 2 Assessment Requirements

Level 1 or Level 2 Assessment Requirement not Due to an E. coli MCL Violation

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system. We found coliforms indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) to identify problems and to correct any problems that were found during these assessments.

During the last year, White Fence Farms was not required to conduct any level 1 assessments.

During the last year, NO level 2 assessments were required to be completed for White Fence Farms.

Level 2 Assessment Requirement Due to an E. coli MCL Violation

E. coli are bacteria whose presence indicates that the water may be contaminated with human or animal wastes. Human pathogens in these wastes can cause short-term effects, such as diarrhea, cramps, nausea, headaches, or other symptoms. They may pose a greater health risk for infants, young children, the elderly, and people with severely compromised immune systems. We found *E. coli* bacteria, indicating the need to look for potential problems in water treatment or distribution. When this occurs, we are required to conduct assessment(s) identify problems and to correct any problems that were found during these assessments.

White Fence Farms was not required to complete a Level 2 assessment because no E. coli was found in our water.

2022 Annual Water Quality Report - Los Angeles County System Antelope Valley-East Kern Water Agency

The Antelope Valley-East Kern Water Agency provides treated surface water as a source of drinking water. Treatment technique: Conventional EPA Turbidity Performance Standards: Turbidity of the filtered water must:

1. Be less than or equal to 0.30 NTU in 95% of measurements in a month.

Not exceed 1 NTU at any time.

Lowest monthly percentage of samples that met Turbidity Performance Standard No. 1: Highest single turbidity measurement during the year: 0.18 NTU

100%

Percentage of samples < 0.30 NTU: 100%
The number of violations of any surface water treatment requirements: NONE
Turbidity (measured in NTU) is a measurement of the cloudiness of water and is a good indicator of water quality and filtration performance. Turbidity results which meet performance standards are considered to be in compliance with filtration requirements.

The Antelope Valley-East Kern Water Agency also provides groundwater as a source of drinking water

Treatment technique: Chlorination

EPA Groundwater Rule: AVEK meets the requirements of the Groundwater Rule by providing a minimum of 4-log reduction of viruses by continously providing a minimum free chlorine residual of 0.5 mg/L leaving the clearwell.

Lowest single free chlorine residual measurement during the year: 0.86 Lowest single free chlorine residual measurement during the year:

Number of violations of the Groundwater Rule: NONE

Number of violations of the Groundwater Rule:

Distribution Distribution	Type of Sample(s)	
Total Coliform Bacteria Fecal Coliform/E. coli	Parameter	
120 - 190 / mo 120 - 190 / mo	Sampling Frequency	MICROBIO
5% positive 1 pos. with 2 TC pos.	MCL	IICROBIOLOGICAL CONTAMINANTS
None None	No. of Months in Violation	
	Range	0,11
0%	Average	2

				<i>'</i> .	10er 11, 201	The previous MCL of 0.010 mg/L was withdrawn on September 11, 2017.	was withdrav	0.010 mg/L v	ious MCL of		alent chromiu	*There is currently no MCL for hexavalent chromium.	urrently no N	*There is co		
7						N N		S		S		0.1	_	2	µg/L	Thallium
				i E		Z		Z		S		30	Сī	50	µg/L	Selenium
on ha				3 3		Z		Z		S		_	N	o	μg/L	Perchlorate
	1.0-0.2			0.72		0.63		0.73		8		10		10	mg/L	Vitrate+Nitrite (as N)
م د د	1 200	100		S Z) Z		S		8		_	0.4		mg/L	Vitrite (as N)
200	1.4-7.0			0.7		0.63		0.73		S		10	0.4	10	mg/L	Nitrate (as N)
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				3 3		Z		S		S		0.02	_	*	µg/L	Chromium (Hexavalent)
				Z		Z		S		N			10	50	μg/L	Chromium (Total)
				Š		Z		8		N		0.04	_	CT.	μg/L	Cadmium
				2		N N		Z		S		_	_	4	μg/L	Beryllium
				ž		Z		3		S		2000	100	1000	μg/L	Barium
č	21-7.7	0.0	2.5-7.3	; o.	5.2-7.5	N C		Z		S		0.004	N	10	μg/L	Arsenic
n a	3	n n	0 1 0	SE	1	Z		8		S		۷	o	6	μg/L	Antimony
				; ;		Z	Z	Z	N	S		600	50	1000	µg/L	Aluminum
Average	Kange	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	(MCLG)	PLR	MCL	Units	Parameter
SIS	Wells	Effluent (CWR)	Effluen	er Project)	(State Water Project	t (CWR)	Effluen	Effluent (CWR)	Effluent	Effluent (CWR)	Effluent	PHG or				
		Water Bank		ıfluent	Raw Influent	Quartz Hill Plant	Quartz	Eastside Plant	Eastsic	Acton Plant	Acton					
-					LTS	RESULTS										
							U	INORGANIC CONTAMINANTS	GANIC CON	NON						

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<u>Parameter</u> Aluminum Calcium Chloride	
Units Hg/L mg/L mg/L	
MCL 1000 no standard 250	
DLR 50	
Acton Plant Effluent (CWR) Range Average ND 32 120	
Eastside Plant Effluent (CWR) Range Average ND ND 30 82	XEO.
Quartz Hill Plant Effluent (CWR) Range Average ND ND 24 89	טבוט
Raw Influent (State Water Project) Range Average ND 26 83	90000
Water Bank Wells Range Average	

Antelope Valley-East Kern Water Agency

Parameter 1,1,1-Trichlorethane (1,1,1-TCA) 1,1,2-Tetrachloroethane 1,1,2-Trichloroethane (1,1,2-TCA) 1,1-Dichloroethane (1,1-DCE) 1,2-Dichloroethylene (1,1-DCE) 1,2-Dichlorobenzene (0-DCB) 1,2-Dichlorobenzene (1,2-DCA) 1,2-Dichloropropane 1,3-Dichloropropane (Total) 1,4-Dichlorobenzene (p-DCB) Benzene Carbon tetrachloride cis-1,2-Dichloropropane cis-1,2-Dichloropropane Carbon tetrachloride cis-1,2-Dichloropropane Dichloropropane Methyl-tert-butyl ether (MTBE) Methyl-tert-butyl ether (MTBE)	Tritium Uranium Radium 228 Radium 226	Parameter Gross Alpha Gross Beta Strontium 90		Carbonate (as CO3) Hydroxide (as OH)	Total Alkalinity (as CaCO3)	Turbidity	Methyl tert-Butyl Ether (MTBE)	Sulfate Thiohencarh (Rolero)	Specific Conductance	Silver	Odor @ 60 C	Manganese	iron Magnesium	Hardness (Total) as CaCO3	Copper Foaming Agents (MBAS)	Color	Parameter	
19/7 19/7 19/7 19/7 19/7 19/7 19/7 19/7		DOI/L PCI/L PCI/L		mg/L	mg/L	Units	mg/L Hg/L	mg/L	μmhos	₩g/L	Units	µg/L	mg/L	mg/L	mg/L	Units	Units	
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PHG 0.1 0.3 10 0.3 10 0.4 0.5 0.2 0.1 0.1 100 13	0.43 0.019 0.05	PHG 0.35				0.05-0.20			600		6.9-8.5	1				Ĝ	Effluer	Acto
VOLATI			RADI	NN	66 6		320 0 0	ND 59	600	4	7.3	N N	9.0	120	ND	6	Effluent (CWR) ange Average	Acton Plant
VOLATILE ORGANIC CONTAMINANTS			RADIOLOGICAL CONTAMINANTS			0.05-0.10			510-530		7.0-8.1	7			*******	581.5	ומו	Acton Plant Eastside Plant Quartz Hill Plant
CONTAMI			ONTAMINA	N N	5 5 5	0.05	310	N 8	520	ת ת	7.6	S	4.6	94	ND	G	Effluent (CWR) ange Average	Eastside Plant
ANTS			NTS	-	774-9	0.05-0.15		===0	440-540		6.9-7.4	7				6	Efflue	Quartz
				N N	62 62 T		320	ND 8	490	n n	7.1	Z S	4.8	S 88	N	ል	Effluent (CWR) Range Average	: Hill Plant
State v	*	(State W			61-84	0.30-25			380-680		8 1-9.8						(State W	
State Water Project Average ND	3.5 ND	Raw Influent (State Water Project) 5.7 ND ND	RES	88	71 68		30 N	N -		B ND	8.9	4 S	5.0	¥ 8	S	<u>R</u> &	(State Water Project) Range Average	Raw Influent
RESULTS Sec Water B Range ND	V 100000 00 000000	Water Bank Wells ect) Range Average 5.6	ULTS														Range Range	Wate
Water Bank Wells Range Average ND N	4.7	ank Wells Average 5.6															Wells Average	Water Bank

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			DISINFECTION RESIDUAL, PRECURSORS, and BYPRODU	and BYPRUL	OCIS		
		-	NO MOD	2		RESU	LTS
Type of Sample(s)	Parameter	Units	MCLMRUL		MADEG	Range	Average
Distribution	Chlorine (as total Cl2)	mg/L	4.0		4	0.37 - 1.95 1.15	1.15
ter	(TOC)	mg/L	Treatment Requirement	0.3		0.70 - 2.9	1.4
State Water Project		mg/L	Treatment Requirement	0.3		0.90 - 4.4	2.1
Distribution	nalomethanes	µg/L	80**			3.0 - 72	36#
		µg/L	60**			ND - 28	11#
ater		µg/L	10+	1.0		ND - 11	<u>ئ</u> ن
** 010000 7/700	** Of a DIDD Build Tatal TUMs and Tatal UA As compliance is based upon I coational Bunning Annual Averages	מייים אייים	on Locational Running Annual Averages				

^{**} Stage 2 D/DBP Rule Total THMs and Total HAAs compliance is based upon Locational Running Annual Averages.

Location with the highest TTHM average

* Compliance is based on the running annual average computed quarterly, of monthly samples, collected at the entrance to the distribution system.

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DEFINITIONS and FOOTNOTES:

Raw Water is the Source Water, the California Aqueduct or wells, prior to treatment Plant Effluent, CWR, is finished, treated drinking water.

Units: mg/L = milligrams per liter, parts per million (ppm)

pg/L = picograms per liter, parts per quadrillion (ppq) µmhos = micromhos, a measure of specific conductance

pCi/L = pico Curies per liter

ND = none detected above the DLR

NTU = nephelometric turbidity unit is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

close to the PHGs and MCLGs as is economically or technologically feasible.

MRDL: Maximum Residual Disinfectant Level. The level of a disinfectant added for water treatment that may not exceeded at the consumer's tap. MCL: Maximum Contaminant Level. The highest level of a contaminant that is allowed in drinking water. MCLs are set by the US Environmental Protection Agency or the State Water Resources Control Board as

DLR: Detection Limit for purposes of Reporting.

(DL): Detection limit determined by the Laboratory when no DLR has been established.

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.

MRDLG: Maximum Residual Disinfectant Level Goal. The level of a disinfectant added for water treatment below which there is no known or expected risk to health. MRDLGs are set by the US Environmental Protection Agency.

PHG: Public Health Goal. 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 Office of Environmental Health Hazard Primary Drinking Water Standard: Primary MCLs, specific treatment techniques adopted in lieu of primary MCLs, and monitoring and reporting requirements for MCLs that are specified in regulations.

Secondary Standards: Aesthetic standards established by the State Water Resources Control Board

All analyses performed by ELAP certified laboratories: AVEK Water Agency, Eurofins Eaton Analytical Laboratories, or Eurofins subcontract lab