

ANTELOPE VALLEY – EAST KERN WATER AGENCY

2013 ANNUAL WATER QUALITY REPORT

LOS ANGELES COUNTY SYSTEM

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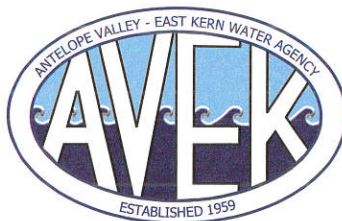
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March 10, 2014

Dear General Manager:

This is the 2013 Annual Water Quality Report from the Antelope Valley-East Kern Water Agency (AVEK). Since the water you obtain from AVEK represents one of your sources of water, we have included the actual laboratory reports of analyses as well as a summary of results for your convenience.

In accordance with the Consumer Confidence Report (CCR) guidance manuals issued by the California Department of Public Health and the United States Environmental Protection Agency, we are herein providing you with the monitoring data and other information you will need to produce your CCR.

AVEK provides some treated water to our customers in Acton by way of an intertie with Palmdale Water District (PWD). AVEK monitors the treated water quality provided by PWD at our Acton Water Treatment Plant before it reaches our first customer. The results of this monitoring have been included in this report. If you have specific questions regarding the quality of the raw water treated by Palmdale Water District, please contact them directly.

If you have any questions or need additional information, please call me at 661-943-3201. However, please do not designate AVEK or this office as your contact in your CCR. According to the CDPH and EPA guidelines, the designated contact person should be someone from your system. While we are always happy to clarify questions about AVEK water, we do not have the specific information necessary to answer questions about your water, blending practices or distribution systems.

Respectfully,

Justin Livesay
Laboratory Director

Antelope Valley-East Kern Water Agency

2013 Annual Water Quality Report

We are very pleased to provide you with this year's Annual Water Quality 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 supply of drinking water.

Our water source is the State Water Project, California Aqueduct. The California Department of Public Health has assessed the vulnerability of this source as to possible contaminating activities. The assessment's description and discussion of vulnerability:

"The California Aqueduct originates at the Sacramento-San Joaquin Delta at Clifton Court Forebay. Water in the Delta originates in the Sacramento River watershed, the San Joaquin watershed, and the watershed drainage from the Mokelumne River, Stanislaus River, Merced River and several smaller rivers that drain the eastern slopes of the Sierra Nevadas. Located in these drainage areas are a broad variety of potential sources of contamination including municipal, industrial and agricultural activities. Also influencing the quality of water pumped from the Delta is the impact of the estuarial nature of the Delta and the naturally occurring salt-water intrusion which is dependent to a large extent on the inflow from the contributing rivers.

The possible contaminating activities present within the California Aqueduct watershed are described in the State Water Project Watershed Sanitary Survey conducted by the California Department of Water Resources and their consultants in 1986 and updated in 2011."

A copy of the complete assessment may be viewed at, Antelope Valley-East Kern Water Agency, 6500 West Avenue N, Palmdale, CA 93551.

If you have any questions about this report or the Antelope Valley-East Kern Water Agency, please contact Justin Livesay, Laboratory Director at 661-943-3201. We want our valued customers to be informed about our Water Agency. If you want to learn more, please attend any of our regularly scheduled Board meetings. They are held on the second and fourth Tuesday of every month, 6:30 PM, at the Antelope Valley-East Kern Water Agency Office, 6500 West Avenue N, Palmdale, CA, 93551.

Antelope Valley-East Kern Water Agency routinely monitors for contaminants in our drinking water according to Federal and State laws. The table in this report, "2013 Annual Water Quality Report", shows the results of our monitoring for the period of January 1st to December 31st, 2013.

All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some contaminants. It is important to remember that the presence of these contaminants does not necessarily pose a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

We are proud to report that our drinking water is safe and meets or exceeds all State and Federal requirements. We have learned through our monitoring and testing that some contaminants have been detected. The EPA has determined that your water IS SAFE at these levels.

Total Coliform: Water systems are required to meet a strict standard for coliform bacteria. Coliform bacteria are usually harmless, but their presence in water can be an indication of disease-causing bacteria. When coliform bacteria are found, special follow-up tests are done to determine if harmful bacteria are present in the water supply. If the standard is exceeded, the water supplier must notify the public by newspaper, television or radio.

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. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbiological contaminants are available from the Safe Drinking Water Hotline (800-426-4791).

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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.
2. Not exceed 1 NTU at any time.

Lowest monthly percentage of samples that met Turbidity Performance Standard No. 1: **100%**

Highest single turbidity measurement during the year: **0.22 NTU**

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.

Type of Sample(s)	Parameter	Sampling Frequency	MCL	No. of Months in Violation	System Results	
					Range	Average
Distribution	Total Coliform Bacteria	122 - 160 / mo	5% positive	None	0%	0%
Distribution	Fecal Coliform/E. coli	122 - 160 / mo	1 pos. with 2 TC pos.	None	0%	0%

INORGANIC CONTAMINANTS

Parameter	Units	MCL	DLR	PHG or (MCLG)	Acton Plant Effluent (CWR)		Eastside Plant Effluent (CWR)		Quartz Hill Plant Effluent (CWR)		Raw Influent (Source)	
					Range	Average	Range	Average	Range	Average	Range	Average
Aluminum	mg/L	1	0.05	0.6		ND	ND	ND	ND	ND		ND
Antimony	µg/L	6	6	20		ND		ND		ND		ND
Arsenic	µg/L	10	2	0.004		ND		ND		ND		4.3
Barium	mg/L	1	0.1	2		ND		ND		ND		ND
Beryllium	µg/L	4	1	1		ND		ND		ND		ND
Cadmium	µg/L	5	1	0.04		ND		ND		ND		ND
Chromium (Total)	µg/L	50	10			ND		ND		ND		ND
Chromium (Hexavalent)	µg/L		1	0.02		ND		1.2		1.1		1.1
Cyanide	µg/L	150	100	150		ND		ND		ND		ND
Fluoride	mg/L	2	0.1	1		0.19		0.11		0.11		0.14
Mercury	µg/L	2	1	1.2		ND		ND		ND		ND
Nickel	µg/L	100	10	12		ND		ND		ND		ND
Nitrate (as NO3)	mg/L	45	2	10 as N		ND		3.2		4.2	ND-5.2	2.2
Nitrite (as N)	mg/L	1	0.4	1		ND		ND		ND		ND
Nitrate+Nitrite (as N)	mg/L	10	0.4	10 as N		ND		1.0		1.0		ND
Perchlorate	µg/L	6	4	6		ND		ND		ND		ND
Selenium	µg/L	50	5	30		ND		ND		ND		ND
Thallium	µg/L	2	1	0.1		ND		ND		ND		ND

GENERAL PHYSICAL AND SECONDARY STANDARDS

Parameter	Units	MCL	DLR	Acton Plant Effluent (CWR)		Eastside Plant Effluent (CWR)		Quartz Hill Plant Effluent (CWR)		Raw Influent (Source)	
				Range	Average	Range	Average	Range	Average	Range	Average
Aluminum	µg/L	200	50		ND	ND	ND	ND-0.052	ND		ND
Calcium	mg/L	no standard			33.4		24.3		26.6		25.4
Chloride	mg/L	250			110		93		93		99
Color	Units	15		<5	<5	<5	<5	<5	<5		
Copper	µg/L	1000	50		ND		ND		ND		ND
Foaming Agents (MBAS)	mg/L	0.5			ND		ND		ND		ND
Hardness (Total) as CaCO3	mg/L	no standard			141		102		106		106
Iron	µg/L	300	100		ND		ND		ND		ND
Magnesium	mg/L	no standard			14.1		10		9.59		10.4
Manganese	µg/L	50	20		ND		ND		ND		ND
Odor @ 60 C	Units	3	1	<1-1	<1	<1-1	<1	<1-1	<1		
pH	Units	no standard		6.7-8.9	7.38	6.3-7.1	6.73	6.6-7.2	6.96	7.0-9.4	8.29
Silver	µg/L	100	10		ND		ND		ND		ND
Sodium	mg/L	no standard			67		67		72		71
Specific Conductance	µmhos	900			647		578	347-720	533	325 - 626	519
Sulfate	mg/L	250	0.5		44		67		72		49
Thiobencarb (Bolero)	µg/L	70	1		ND		ND		ND		ND
Methyl tert-Butyl Ether (MTBE)	µg/L	5	3		ND		ND		ND		ND
Total Dissolved Solids	mg/L	500			350		310		330		320
Turbidity	Units	5		0.02-0.37	0.12	0.01-0.22	0.03	0.02-0.16	0.05		
Zinc	mg/L	5.0	0.050		0.410		0.480		0.510		ND
Total Alkalinity (as CaCO3)	mg/L	no standard			100		62		63	71 - 98	83
Bicarbonate Alkalinity(HCO3)	mg/L	no standard			130		76		77		
Carbonate Alkalinity	mg/L	no standard			ND		ND		ND		
Hydroxide Alkalinity	mg/L	no standard			ND		ND		ND		

RADIOLOGICAL CONTAMINANTS

Parameter	Units	MCL	DLR	PHG	Raw Influent (Source)
Radium-226	pCi/L	5 pCi/L	1	0.05	0.000 ± 0.208
Radium-228	pCi/L	(combined radium-226 & -228)	1	0.019	0.000 ± 0.485

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VOLATILE ORGANIC CONTAMINANTS					
Parameter	Units	MCL	DLR	PHG	RESULTS Raw Influent (Source)
1,1,1-Trichloroethane (1,1,1-TCA)	µg/L	200	0.5	1000	ND
1,1,2,2-Tetrachloroethane	µg/L	1	0.5	0.1	ND
1,1,2-Trichloroethane (1,1,2-TCA)	µg/L	5	0.5	0.3	ND
1,1-Dichloroethane (1,1-DCA)	µg/L	5	0.5	3	ND
1,1-Dichloroethylene (1,1-DCE)	µg/L	6	0.5	10	ND
1,2,4-Trichlorobenzene	µg/L	5	0.5	5	ND
1,2-Dichlorobenzene (o-DCB)	µg/L	600	0.5	600	ND
1,2-Dichloroethane (1,2-DCA)	µg/L	0.5	0.5	0.4	ND
1,2-Dichloropropane	µg/L	5	0.5	0.5	ND
1,3-Dichloropropane (Total)	µg/L	0.5	0.5	0.2	ND
1,4-Dichlorobenzene (p-DCB)	µg/L	5	0.5	6	ND
Benzene	µg/L	1	0.5	0.15	ND
Carbon tetrachloride	µg/L	0.5	0.5	0.1	ND
cis-1,2-Dichloroethylene (c-1,2-DCE)	µg/L	6	0.5	100	ND
Dichloromethane (Methylene Chloride)	µg/L	5	0.5	4	ND
Ethylbenzene	µg/L	300	0.5	300	ND
Methyl-tert-butyl ether (MTBE)	µg/L	13	3	13	ND
Monochlorobenzene (Chlorobenzene)	µg/L	70	0.5	200	ND
Styrene	µg/L	100	0.5	0.5	ND
Tetrachloroethylene (PCE)	µg/L	5	0.5	0.06	ND
Toluene	µg/L	150	0.5	150	ND
trans-1,2-Dichloroethylene (t-1,2-DCE)	µg/L	10	0.5	60	ND
Trichloroethylene (TCE)	µg/L	5	0.5	1.7	ND
Trichlorofluoromethane (Freon11)	µg/L	150	5	700	ND
Trichlorotrifluoroethane (Freon 113)	µg/L	1200	10	4000	ND
Vinyl Chloride (VC)	µg/L	0.5	0.5	0.05	ND
Xylenes (Total)	µg/L	1750	0.5	1800	ND

SYNTHETIC ORGANIC CHEMICALS					
Parameter	Units	MCL	DLR (DL)	PHG	RESULTS Raw Influent (Source)
Alachlor	µg/L	2	1	4	ND
Atrazine	µg/L	1	0.5	0.15	ND
Bentazon	µg/L	18	2	200	ND
Benzo(a)pyrene	µg/L	0.2	0.1	0.007	ND
Carbofuran	µg/L	18	5	1.7	ND
Chlordane	µg/L	0.1	0.1	0.03	ND
2,4-D	µg/L	70	10	20	ND
Dalapon	µg/L	200	10	790	ND
Dibromochloropropane (DBCP)	µg/L	0.2	0.01	0.0017	ND
Di(2-ethylhexyl)adipate	µg/L	400	5	200	ND
Di(2-ethylhexyl)phthalate	µg/L	4	3	12	ND
Dinoseb	µg/L	7	2	14	ND
Diquat	µg/L	20	4	15	ND
Endothall	µg/L	100	45	580	ND
Endrin	µg/L	2	0.1	1.8	ND
Ethylene Dibromide (EDB)	µg/L	0.05	0.02	0.01	ND
Glyphosate	µg/L	700	25	900	ND
Heptachlor	µg/L	0.01	0.01	0.008	ND
Heptachlor Epoxide	µg/L	0.01	0.01	0.006	ND
Hexachlorobenzene	µg/L	1	0.5	0.03	ND
Hexachlorocyclopentadiene	µg/L	50	1	50	ND
Lindane	µg/L	0.2	0.2	0.032	ND
Methoxychlor	µg/L	30	10	0.09	ND
Molinate	µg/L	20	2	1	ND
Oxamyl	µg/L	50	20	26	ND
Pentachlorophenol	µg/L	1	0.2	0.3	ND
Picloram	µg/L	500	1	500	ND
Polychlorinated Biphenyls	µg/L	0.5	0.5	0.09	ND
Simazine	µg/L	4	1	4	ND
Thiobencarb (Bolero)	µg/L	70	1	70	ND
Toxaphene	µg/L	3	1	0.03	ND
2,3,7,8-TCDD (Dioxin)	pg/L	30	5	0.05	ND
2,4,5-TP (Silvex)	µg/L	50	1	25	ND

DISINFECTION RESIDUAL, PRECURSORS, and BYPRODUCTS							
Type of Sample(s)	Parameter	Units	MCL/MRDL	DLR	MRDLG	RESULTS Range Average	
Distribution	Chlorine (as total Cl2)	mg/L	4.0		4	0.09 - 1.64	0.93
Treated Water	Total Organic Carbon (TOC)	mg/L	Treatment Requirement	0.3		0.9 - 3.0	1.8
Source Water	Total Organic Carbon (TOC)	mg/L	Treatment Requirement	0.3		1.8 - 4.8	2.9
Distribution	Stage 2 D/DBP Rule Total Trihalomethanes	µg/L	80**	0.5		15 - 81	53 #
Distribution	Stage 2 D/DBP Rule Total Haloacetic Acids	µg/L	60**	1		2.4 - 15	9.4 #
Treated Water	Bromate	µg/L	10*	5		4.9 - 5.8	5.8

** 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:

Plant Effluent, CWR, is finished, treated drinking water.

Raw Water is the Source Water, the California Aqueduct, prior to treatment.

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

µg/L = micrograms per liter, parts per billion (ppb)

pg/L = picograms per liter, parts per quadrillion (ppq)

µmhos = micromhos, a measure of specific conductance

MFL = million fibers per liter

pCi/L = pico Curies per liter

< = less than

> = greater than

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.

MCL: Maximum Contaminant Level. The highest level of a contaminant that is allowed in drinking water. MCLs are set by the U.S. Environmental Protection Agency or the California Department of Public Health as 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 be exceeded at the consumer's tap.

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 U.S. 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 Assessment.

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 California Department of Public Health.

AL: Action Level. There is no MCL, if this level is exceeded, action is required by the California Department of Public Health.

All analyses performed by the ELAP certified laboratories: AVEK Water Agency, Weck Laboratories, or Weck subcontract lab.

ACTON, EASTSIDE & QUARTZ HILL WATER TREATMENT PLANTS

Distribution System & Disinfection Byproducts
Finished Drinking Water
Monitoring Results

Water System Name:	<u>Antelope Valley-East Kern Water Agency</u>
System No.	<u>1910045</u>

MP1=3 Qtrs Ago, MP2=2 Qtrs Ago, MP3= Last Qtr, MP4=Current Qtr
LRAA = Locational Running Annual Avg = (MP1+MP2+MP3+MP4)/4
OEL = Operational Evaluation Levels = (MP2 + MP3 + 2MP4)/4
TTHM MCL = 0.080 mg/L

MP1=3 Qtrs Ago, MP2=2 Qtrs Ago, MP3= Last Qtr, MP4=Current Qtr
LRAA = Locational Running Annual Avg = (MP1+MP2+MP3+MP4)/4
OEL = Operational Evaluation Levels = (MP2 + MP3 + 2MP4)/4
HAA5 MCL = 0.060 mg/L

Quarterly Bromate Report for Disinfection Byproducts Compliance (in µg/L or ppb)

System Name: Antelope Valley-East Kern Water Agency System No.: 1910045 Year: 2013 Quarter: 4th

	2012				1st Qtr.			2nd Qtr.			3rd Qtr.			4th Qtr.						
	1st Q	2nd Q	3rd Q	4th Q	1/9	2/13	3/13	Quarterly Average	4/10	5/8	6/12	Quarterly Average	7/10	8/14	9/11	Quarterly Average	10/9	11/13	12/11	Quarterly Average
Sample Date (month/date):																				
Site 1	5.7	4.7	5.7	2.6	ND	3.8	9.0	4.3	3.3	4.5	5.8	4.5	5.6	9.2	7.3	7.4	7.7	ND	ND	2.6
Site 2	OFF	4.9	5.1	1.4	4.7	ND	7.0	3.9	6.4	7.7	6.8	7.0	7.2	14	9.8	10.3	10	5.2	3.6	6.3
Site 3	14.0	8.2	12.2	OFF	OFF	OFF	OFF		OFF	OFF	OFF		OFF	OFF	OFF		OFF	OFF	OFF	
System Quarterly Average	9.9	5.9	7.7	2.0				4.1				5.8				8.9				4.4

[illegible][illegible]

Identify the sample locations in the table below.

Site	Sample Location
1	Quartz Hill Clear Well Reservoir
2	Eastside Clear Well Reservoir
3	Acton Clear Well Reservoir

Comments: Samples collected at the entry point to the distribution system for each treatment plant using ozone. "OFF" denotes treatment plant shutdown.

Signature _____

1/8/13

Date _____

"If, during the first year of monitoring, any individual quarter's average will cause the running annual average of that system to exceed the standard, then the system is out of compliance at the end of that quarter.

Quarterly Report for Disinfectant Residuals Compliance For Systems Using Chlorine or Chloramines

System Name: Antelope Valley-East Kern Water Agency

System No.: 1910045

Calendar Year: 2013

Quarter: 4th

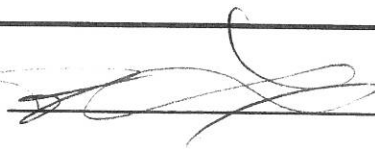
1st Quarter		
Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)
Previous Year	April	0.88
	May	0.85
	June	0.91
	July	1.00
	August	0.86
	September	0.91
	October	0.86
	November	0.92
	December	0.98
Current Year	January	160
	February	128
	March	128
Running Annual Average (RAA):		0.91
Meets standard? (i.e. RAA < MRDL of 4.0 mg/L as Cl ₂)		YES

2nd Quarter		
Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)
Previous Year	July	1.00
	August	0.86
	September	0.91
	October	0.86
	November	0.92
	December	0.98
Current Year	January	0.96
	February	0.93
	March	0.89
	April	159
	May	128
	June	127
Running Annual Average (RAA):		0.93
Meets standard? (i.e. RAA < MRDL of 4.0 mg/L as Cl ₂)		YES

3rd Quarter		
Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)
Previous Yr	October	0.86
	November	0.92
	December	0.98
Current Year	January	0.96
	February	0.93
	March	0.89
	April	0.94
	May	0.92
	June	0.94
	July	155
	August	124
	September	122
		0.93
Running Annual Average (RAA):		0.92
Meets standard? (i.e. RAA < MRDL of 4.0 mg/L as Cl ₂)		YES

4th Quarter		
Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)
Current Year	January	0.96
	February	0.93
	March	0.89
	April	0.94
	May	0.92
	June	0.94
	July	0.87
	August	0.88
	September	0.93
	October	150
	November	122
	December	157
Running Annual Average (RAA):		0.93
Meets standard? (i.e. RAA < MRDL of 4.0 mg/L as Cl ₂)		YES

Comments:

Signature: 

Date: 1/8/13



Date of Report: 13/03/06
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: KA/AA

Sample ID No.: 3B22016-01

Signature Lab
Director:

Date/Time Sample
Collected: 13/02/21 1017

Date/Time Sample
Received @ Lab: 02/22/13 09:15

Date Analyses
Completed: 13/02/26

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: VINCENT TANK-525 FOREST VIEW RD-STG2 DBP

User ID: 4TH

Station Number: 1910045-800

Date/Time of Sample: 13 | 02 | 21 | 10 | 17
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 02 | 26 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	15	80	
524.2	Bromodichloromethane	ug/L	32101	2.4		1
524.2	Bromoform	ug/L	32104	6.2		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	ND		1
524.2	Dibromochloromethane	ug/L	32105	6.2		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	2.4	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	2.4		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

Vincent Tank :



Weck Laboratories, Inc.

Analytical Laboratory Service - Since 1964

Date of Report: 13/03/06
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: KA/AA

Sample ID No.: 3B22016-02

Signature Lab
Director:

Date/Time Sample
Collected: 13/02/21 0908

Date/Time Sample
Received @ Lab: 02/22/13 09:15

Date Analyses
Completed: 13/02/26

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: 110TH/R - 110TH ST. E./AVENUE R-STG2 DBP

User ID: 4TH

Station Number: 1910045-802

Date/Time of Sample: 13 | 02 | 21 | 09 | 08
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 02 | 26 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	30	80	
524.2	Bromodichloromethane	ug/L	32101	3.5		1
524.2	Bromoform	ug/L	32104	12		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	ND		1
524.2	Dibromochloromethane	ug/L	32105	14		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	6.7	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	6.7		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

110th :



Date of Report: 13/03/06
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: KA/AA

Sample ID No.: 3B22016-03

Signature Lab
Director:

Date/Time Sample
Collected: 13/02/21 0930

Date/Time Sample
Received @ Lab: 02/22/13 09:15

Date Analyses
Completed: 13/02/26

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: 165TH - 165TH ST. E./AVENUE O - STG2 DBP

User ID: 4TH

Station Number: 1910045-803

Date/Time of Sample: 13 | 02 | 21 | 09 | 30
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 02 | 26 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	40	80	
524.2	Bromodichloromethane	ug/L	32101	5.1		1
524.2	Bromoform	ug/L	32104	15		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	ND		1
524.2	Dibromochloromethane	ug/L	32105	19		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	7.7	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	7.7		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

165th :



Date of Report: 13/03/06
Laboratory Name: Weck Laboratories, Inc.
Name of Sampler: KA/AA

Sample ID No.: 3B22016-04

Signature Lab
Director:

Date/Time Sample
Collected: 13/02/21 0800

Date/Time Sample
Received @ Lab: 02/22/13 09:15

Date Analyses
Completed: 13/02/26

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: LVAV-90TH ST. W./LAKE ELIZABETH-STG2 DBP

User ID: 4TH

Station Number: 1910045-801

Date/Time of Sample: 13 | 02 | 21 | 08 | 00
YY MM DD TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 02 | 26 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	81	80	
524.2	Bromodichloromethane	ug/L	32101	17		1
524.2	Bromoform	ug/L	32104	20		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	4.1		1
524.2	Dibromochloromethane	ug/L	32105	40		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	15	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	2.7		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	12		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

LVAV:



Weck Laboratories, Inc.

Analytical Laboratory Service - Since 1964

Date of Report: 13/03/06
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: KA/AA

Sample ID No.: 3B22016-05

Signature Lab
Director:

Date/Time Sample
Collected: 13/02/21 0901

Date/Time Sample
Received @ Lab: 02/22/13 09:15

Date Analyses
Completed: 13/02/27

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: 5TH/M - 5TH ST. E./AVENUE M - STG2 DBP

User ID: 4TH

Station Number: 1910045-804

Date/Time of Sample: 13 | 02 | 21 | 09 | 01
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 02 | 27 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	32	80	
524.2	Bromodichloromethane	ug/L	32101	4.4		1
524.2	Bromoform	ug/L	32104	11		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	ND		1
524.2	Dibromochloromethane	ug/L	32105	16		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	6.5	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	6.5		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

5th/M :



Date of Report: 13/06/07
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: KA/AA

Sample ID No.: 3E17023-01
Signature Lab Director:

Date/Time Sample Collected: 13/05/16 1055
Date/Time Sample Received @ Lab: 05/17/13 09:10
Date Analyses Completed: 13/05/28

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY
System Number: 1910045

Name or Number of Sample Source: VINCENT TANK-525 FOREST VIEW RD-STG2 DBP

User ID: 4TH	Station Number: 1910045-800
Date/Time of Sample: 13 05 16 10 55 YY MM DD TT TT	Laboratory Code: 9588
Date of Analyses Completed: 13 05 28 YY MM DD	
Submitted By: Weck Laboratories, Inc	Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	36	80	
524.2	Bromodichloromethane	ug/L	32101	6.0		1
524.2	Bromoform	ug/L	32104	14		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	3.0		1
524.2	Dibromochloromethane	ug/L	32105	13		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	5.1	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	5.1		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

Vincent Tank :



Weck Laboratories, Inc.

Analytical Laboratory Service - Since 1984

Date of Report: 13/06/07

Sample ID No.: 3E17023-02

Laboratory Name: Weck Laboratories, Inc

Signature Lab

Name of Sampler: KA/AA

Director:

Date/Time Sample

Collected: 13/05/16 0930

Date/Time Sample

Received @ Lab: 05/17/13 09:10

Date Analyses

Completed: 13/05/28

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: 110TH/R - 110TH ST. E./AVENUE R-STG2 DBP

User ID: 4TH

Station Number: 1910045-802

Date/Time of Sample: 13 | 05 | 16 | 09 | 30
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 05 | 28 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	31	80	
524.2	Bromodichloromethane	ug/L	32101	3.0		1
524.2	Bromoform	ug/L	32104	15		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	ND		1
524.2	Dibromochloromethane	ug/L	32105	13		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	5.8	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	5.8		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

110th :



Date of Report: 13/06/07
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: KA/AA

Sample ID No.: 3E17023-03
Signature Lab Director:

Date/Time Sample Collected: 13/05/16 0950
Date/Time Sample Received @ Lab: 05/17/13 09:10
Date Analyses Completed: 13/05/28

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY
System Number: 1910045

Name or Number of Sample Source: 165TH - 165TH ST. E./AVENUE O - STG2 DBP

User ID: 4TH	Station Number: 1910045-803
Date/Time of Sample: 13 05 16 09 50 YY MM DD TT TT	Laboratory Code: 9588
Date of Analyses Completed: 13 05 28 YY MM DD	
Submitted By: Weck Laboratories, Inc	Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	52	80	
524.2	Bromodichloromethane	ug/L	32101	5.6		1
524.2	Bromoform	ug/L	32104	24		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	ND		1
524.2	Dibromochloromethane	ug/L	32105	22		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	8.6	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	8.6		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

165th :



Weck Laboratories, Inc.

Analytical Laboratory Service - Since 1964

Date of Report: 13/06/07

Sample ID No.: 3E17023-04

Laboratory Name: Weck Laboratories, Inc

Signature Lab

Name of Sampler: KA/AA

Director:

Date/Time Sample

Collected: 13/05/16 0950

Date/Time Sample

Received @ Lab: 05/17/13 09:10

Date Analyses

Completed: 13/05/28

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: LVAV-90TH ST. W/LAKE ELIZABETH-STG2 DBP

User ID: 4TH

Station Number: 1910045-801

Date/Time of Sample: 13 | 05 | 16 | 09 | 50
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 05 | 28 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	31	80	
524.2	Bromodichloromethane	ug/L	32101	4.0		1
524.2	Bromoform	ug/L	32104	13		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	ND		1
524.2	Dibromochloromethane	ug/L	32105	14		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	5.4	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	5.4		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

LVAV:



Date of Report: 13/06/07
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: KA/AA

Sample ID No.: 3E17023-05
Signature Lab Director: *Alfred Stein*

Date/Time Sample Collected: 13/05/16 0915
Date/Time Sample Received @ Lab: 05/17/13 09:10
Date Analyses Completed: 13/05/28

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY
System Number: 1910045

Name or Number of Sample Source: 5TH/M - 5TH ST. E./AVENUE M - STG2 DBP

User ID: 4TH	Station Number: 1910045-804
Date/Time of Sample: 13 05 16 09 15 YY MM DD TT TT	Laboratory Code: 9588
Date of Analyses Completed: 13 05 28 YY MM DD	
Submitted By: Weck Laboratories, Inc	Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	25	80	
524.2	Bromodichloromethane	ug/L	32101	2.9		1
524.2	Bromoform	ug/L	32104	11		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	ND		1
524.2	Dibromochloromethane	ug/L	32105	11		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	4.8	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	4.8		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

5th/M :



Weck Laboratories, Inc.

Analytical Laboratory Service - Since 1964

Date of Report: 13/09/05
Laboratory Name: Weck Laboratories, Inc.
Name of Sampler: SH/EK

Sample ID No.: 3H20070-01

Signature Lab
Director:

Date/Time Sample
Collected: 13/08/15 0640

Date/Time Sample
Received @ Lab: 08/20/13 13:00

Date Analyses
Completed: 13/08/23

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: VINCENT TANK-525 FOREST VIEW RD-STG2 DBP

User ID: 4TH

Station Number: 1910045-800

Date/Time of Sample: 13 | 08 | 15 | 06 | 40
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 08 | 23 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	33	80	
524.2	Bromodichloromethane	ug/L	32101	6.4		1
524.2	Bromoform	ug/L	32104	10		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	3.8		1
524.2	Dibromochloromethane	ug/L	32105	13		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	3.4	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	3.4		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

Vincent Tank :



Weck Laboratories, Inc.

Analytical Laboratory Service - Since 1964

Date of Report: 13/09/05
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: SH/EK

Sample ID No.: 3H20070-02

Signature Lab
Director:

Date/Time Sample
Collected: 13/08/15 0849

Date/Time Sample
Received @ Lab: 08/20/13 13:00

Date Analyses
Completed: 13/08/23

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: 110TH/R - 110TH ST. E./AVENUE R-STG2 DBP

User ID: 4TH

Station Number: 1910045-802

Date/Time of Sample: 13 | 08 | 15 | 08 | 49
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 08 | 23 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	30	80	
524.2	Bromodichloromethane	ug/L	32101	2.6		1
524.2	Bromoform	ug/L	32104	14		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	ND		1
524.2	Dibromochloromethane	ug/L	32105	13		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	4.9	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	4.9		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

110th :



Weck Laboratories, Inc.

Analytical Laboratory Service - Since 1984

Date of Report: 13/09/05

Sample ID No.: 3H20070-03

Laboratory Name: Weck Laboratories, Inc

Signature Lab

Name of Sampler: SH/EK

Director:

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/08/15 0910

Received @ Lab: 08/20/13 13:00

Completed: 13/08/23

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: 165TH - 165TH ST. E./AVENUE O - STG2 DBP

User ID: 4TH

Station Number: 1910045-803

Date/Time of Sample: 13 | 08 | 15 | 09 | 10
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 08 | 23 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	48	80	
524.2	Bromodichloromethane	ug/L	32101	4.5		1
524.2	Bromoform	ug/L	32104	21		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	ND		1
524.2	Dibromochloromethane	ug/L	32105	22		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	6.5	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	6.5		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

165th :



Weck Laboratories, Inc.

Analytical Laboratory Service - Since 1964

Date of Report: 13/08/22
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: SH/EK

Sample ID No.: 3H20071-01

Signature Lab
Director:

Date/Time Sample
Collected: 13/08/15 0825

Date/Time Sample
Received @ Lab: 13/08/20 1300

Date Analyses
Completed: 13/08/21

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: LVAV-90TH ST. W./LAKE ELIZABETH-STG2 DBP

User ID: 4TH

Station Number: 1910045-801

Date/Time of Sample: 13 | 08 | 15 | 08 | 25
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 08 | 21 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	65	80	
524.2	Bromodichloromethane	ug/L	32101	6.6		1
524.2	Bromoform	ug/L	32104	28		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	1.0		1
524.2	Dibromochloromethane	ug/L	32105	29		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

LVAV:



Date of Report: 13/09/05
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: SH/EK

Sample ID No.: 3H20070-04

Signature Lab
Director:

Date/Time Sample
Collected: 13/08/15 0825

Date/Time Sample
Received @ Lab: 08/20/13 13:00

Date Analyses
Completed: 13/08/23

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: LVAV-90TH ST. W./LAKE ELIZABETH-STG2 DBP

User ID: 4TH

Station Number: 1910045-801

Date/Time of Sample: 13 | 08 | 15 | 08 | 25
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 08 | 23 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	8.3	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	8.3		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

LVAV:



Date of Report: 13/09/05
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: SH/EK

Sample ID No.: 3H20070-05
Signature Lab Director: *Alfred Pen*

Date/Time Sample Collected: 13/08/15 0745
Date/Time Sample Received @ Lab: 08/20/13 13:00
Date Analyses Completed: 13/08/23

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY
System Number: 1910045

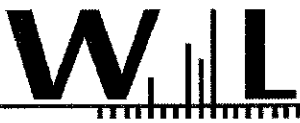
Name or Number of Sample Source: 5TH/M - 5TH ST. E./AVENUE M - STG2 DBP

User ID: 4TH	Station Number: 1910045-804
Date/Time of Sample: 13 08 15 07 45 YY MM DD TT TT	Laboratory Code: 9588
Date of Analyses Completed: 13 08 23 YY MM DD	
Submitted By: Weck Laboratories, Inc	Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	29	80	
524.2	Bromodichloromethane	ug/L	32101	3.1		1
524.2	Bromoform	ug/L	32104	12		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	ND		1
524.2	Dibromochloromethane	ug/L	32105	14		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	4.9	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	4.9		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

5th/M :



Date of Report: 13/12/12
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: DP/SN/MP

Sample ID No.: 3K22034-01
Signature Lab Director: *Alfred Pen*

Date/Time Sample Collected: 13/11/21 0615
Date/Time Sample Received @ Lab: 13/11/22 0920
Date Analyses Completed: 13/12/02

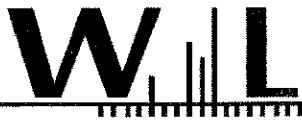
System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY
System Number: 1910045
Name or Number of Sample Source: VINCENT TANK-525 FOREST VIEW RD-STG2 DBP

User ID: 4TH
Station Number: 1910045-800
Date/Time of Sample: 13 | 11 | 21 | 06 | 15
YY MM DD TT TT
Laboratory Code: 9588
Date of Analyses Completed: 13 | 12 | 02 |
YY MM DD
Submitted By: Weck Laboratories, Inc
Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	25	80	
524.2	Bromodichloromethane	ug/L	32101	4.1		1
524.2	Bromoform	ug/L	32104	8.9		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	2.5		1
524.2	Dibromochloromethane	ug/L	32105	9.8		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	3.5	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	3.5		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

Vincent Tank :



Date of Report: 13/12/12
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: DP/SN/MP

Sample ID No.: 3K22034-02
Signature Lab Director: *Alfred Pen*

Date/Time Sample Collected: 13/11/21 0858
Date/Time Sample Received @ Lab: 13/11/22 0920
Date Analyses Completed: 13/12/02

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY
System Number: 1910045

Name or Number of Sample Source: 110TH/R - 110TH ST. E./AVENUE R-STG2 DBP

User ID: 4TH	Station Number: 1910045-802
Date/Time of Sample: 13 11 21 08 58 YY MM DD TT TT	Laboratory Code: 9588
	Date of Analyses Completed: 13 12 02 YY MM DD
Submitted By: Weck Laboratories, Inc	Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	28	80	
524.2	Bromodichloromethane	ug/L	32101	ND		1
524.2	Bromoform	ug/L	32104	20		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	ND		1
524.2	Dibromochloromethane	ug/L	32105	7.4		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	3.1	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	3.1		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

110th :



Date of Report: 13/12/12
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: DP/SN/MP

Sample ID No.: 3K22034-03

Signature Lab
Director:

Date/Time Sample
Collected: 13/11/21 0912

Date/Time Sample
Received @ Lab: 13/11/22 0920

Date Analyses
Completed: 13/12/02

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: 165TH - 165TH ST. E./AVENUE O - STG2 DBP

User ID: 4TH

Station Number: 1910045-803

Date/Time of Sample: 13 | 11 | 21 | 09 | 12
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 12 | 02 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	17	80	
524.2	Bromodichloromethane	ug/L	32101	ND		1
524.2	Bromoform	ug/L	32104	12		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	ND		1
524.2	Dibromochloromethane	ug/L	32105	4.1		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	4.0	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	4.0		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

165th :



Date of Report: 13/12/12
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: DP/SN/MP

Sample ID No.: 3K22034-04

Signature Lab
Director:

Date/Time Sample
Collected: 13/11/21 0957

Date/Time Sample
Received @ Lab: 13/11/22 0920

Date Analyses
Completed: 13/12/02

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: LVAV-90TH ST. W./LAKE ELIZABETH-STG2 DBP

User ID: 4TH

Station Number: 1910045-801

Date/Time of Sample: 13/11/21/09/57
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13/12/02
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	34	80	1
524.2	Bromodichloromethane	ug/L	32101	2.3		1
524.2	Bromoform	ug/L	32104	22		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	ND		1
524.2	Dibromochloromethane	ug/L	32105	9.9		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	8.7	60	2
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		1
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	8.7		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

LVAV:



Date of Report: 13/12/12
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: DP/SN/MP

Sample ID No.: 3K22034-05

Signature Lab
Director:

Date/Time Sample
Collected: 13/11/21 0924

Date/Time Sample
Received @ Lab: 13/11/22 0920

Date Analyses
Completed: 13/12/02

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: 5TH/M - 5TH ST. E./AVENUE M - STG2 DBP

User ID: 4TH

Station Number: 1910045-804

Date/Time of Sample: 13 | 11 | 21 | 09 | 24
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 12 | 02 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	27	80	
524.2	Bromodichloromethane	ug/L	32101	2.3		1
524.2	Bromoform	ug/L	32104	15		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	ND		1
524.2	Dibromochloromethane	ug/L	32105	9.6		1
	Haloacetic Acids (five)(HAA5)	ug/L	A-049	3.5	60	
	Monochloroacetic Acid (MCAA)	ug/L	A-042	ND		2
	Dichloroacetic Acid (DCAA)	ug/L	77288	ND		1
	Trichloroacetic Acid (TCAA)	ug/L	82723	ND		1
	Monobromoacetic Acid (MBAA)	ug/L	A-041	ND		1
	Dibromoacetic Acid (DBAA)	ug/L	82721	3.5		1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

5th/M :

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/01/25

Sample ID No.214

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Andrew Atrops

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/01/09/0730

Received @ Lab: 13/01/09/1024

Completed: 13/01/10

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006 *

* Date/Time of Sample: |13|01|09|0730|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

*

Date Analysis completed: |13|01|10| *

* Submitted by: _____

Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	4.7	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/01/25

Sample ID No.222

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Kat White

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/01/09/0726

Received @ Lab: 13/01/09/0727

Completed: 13/01/10

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001 *

* Date/Time of Sample: |13|01|09|0726|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|01|10| *

* Submitted by: _____ Phone #: _____ *

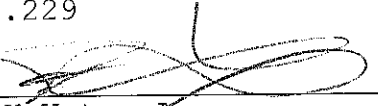
PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	ND	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/02/28 Sample ID No.229
 Laboratory Signature Lab
 Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY Director: 
 Name of Sampler: Steve Horn Employed By: AVEK Water Agency
 Date/Time Sample Date/Time Sample Date Analyses
 Collected: 13/02/13/0648 Received @ Lab: 13/02/13/1000 Completed: 13/02/26

=====

System	System
Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY	Number: 1910045
Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT	

* User ID: 4TH	Station Number: 1910045-006 *
* Date/Time of Sample: 13 02 13 0648	Laboratory Code: 6080 *
* YY MM DD TTTT	YY MM DD *
* Date Analysis completed: 13 02 26 *	
* Submitted by: _____	Phone #: _____ *

PAGE 1 OF 1 ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	ND	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/02/28

Sample ID No.237

Laboratory

Signature Lab_

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Kat White

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/02/13/0836

Received @ Lab:13/02/13/0848

Completed:13/02/26

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

* Date/Time of Sample: |13|02|13|0836|

Laboratory Code: 6080 *

YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|02|26| *

* Submitted by: _____ Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	

10	ug/L	Bromate (ug/L)	A-027	3.8	5.0
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+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/03/26

Sample ID No.244

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Steve Horn

Employed By: AVER Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/03/13/0650

Received @ Lab: 13/03/13/1014

Completed: 13/03/13

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

* Date/Time of Sample: |13|03|13|0650|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|03|13| *

* Submitted by: _____ Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	7.0	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/03/26

Sample ID No.252

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: John Laux

Employed By: AVER Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/03/13/0810

Received @ Lab: 13/03/13/0829

Completed: 13/03/13

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

*

* Date/Time of Sample: |13|03|13|0810|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|03|13| *

* Submitted by: _____ Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	9.0	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/04/30

Sample ID No.259

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Allen Morris

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/04/08/0556

Received @ Lab:13/04/08/1023

Completed:13/04/15

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

*

* Date/Time of Sample: |13|04|08|0556|

Laboratory Code: 6080

*

* YY MM DD TTTT

YY MM DD

*

*

Date Analysis completed: |13|04|15|

*

* Submitted by:

Phone #:

*

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL REPORTING		CHEMICAL		ENTRY ANALYSES		DLR
UNITS				# RESULTS		
10	ug/L	Bromate (ug/L)		A-027	6.4	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/04/30

Sample ID No.267

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Erik Kane

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/04/10/0900

Received @ Lab:13/04/10/0931

Completed:13/04/15

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

*

* Date/Time of Sample: |13|04|10|0900|

Laboratory Code: 6080

*

* YY MM DD TTTT

YY MM DD

*

*

Date Analysis completed: |13|04|15|

*

* Submitted by:

Phone #:

*

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	3.3	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/05/17

Sample ID No.274

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Steve Horn

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/05/08/0707

Received @ Lab: 13/05/08/1005

Completed: 13/05/09

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

*

* Date/Time of Sample: |13|05|08|0707|

Laboratory Code: 6080

*

* YY MM DD TTTT

YY MM DD

*

* Date Analysis completed: |13|05|09|

*

* Submitted by: _____

Phone #: _____

*

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	7.7	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/05/17

Sample ID No.282

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Michelle Olsen

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/05/08/0942

Received @ Lab:13/05/08/0943

Completed:13/05/09

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

*

* Date/Time of Sample: |13|05|08|0942|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|05|09| *

* Submitted by: _____ Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	

10	ug/L	Bromate (ug/L)	A-027	4.5	5.0
----	------	----------------	-------	-----	-----

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/06/27

Sample ID No.288

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY Director:

Name of Sampler: Andrew Atrops

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/06/12/0712

Received @ Lab: 13/06/12/1050

Completed: 13/06/12

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

*

* Date/Time of Sample: |13|06|12|0712|

Laboratory Code: 6080

*

* YY MM DD TTTT

YY MM DD

*

*

Date Analysis completed: |13|06|12|

*

* Submitted by: _____

Phone #: _____

*

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	6.8	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/06/27

Sample ID No.293

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Kat White

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/06/12/0857

Received @ Lab:13/06/12/0900

Completed:13/06/12

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

* Date/Time of Sample: |13|06|12|0857|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

*

Date Analysis completed: |13|06|12| *

* Submitted by:_____

Phone #:_____

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	5.8	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/07/22

Sample ID No.304

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Doug Paterson

Employed By: AVER Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/07/09/1150

Received @ Lab: 13/07/09/0830

Completed: 13/07/10

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

*

* Date/Time of Sample: |13|07|09|1150|

Laboratory Code: 6080

*

* YY MM DD TTTT

YY MM DD

*

*

Date Analysis completed: |13|07|10|

*

* Submitted by: _____

Phone #: _____

*

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	7.2	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/07/22

Sample ID No.309

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Michelle Olsen

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/07/10/0739

Received @ Lab:13/07/10/0739

Completed:13/07/10

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

*

* Date/Time of Sample: |13|07|10|0739|

Laboratory Code: 6080

*

* YY MM DD TTTT

YY MM DD

*

*

Date Analysis completed: |13|07|10|

*

* Submitted by:_____

Phone #:_____

*

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	5.6	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/08/19

Sample ID No.320

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Doug Paterson

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/08/14/0740

Received @ Lab:13/08/14/0940

Completed:13/08/14

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

* Date/Time of Sample: |13|08|14|0740|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |13|08|14|

* Submitted by:

Phone #:

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING		CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS			#	RESULTS	
10	ug/L		Bromate (ug/L)	A-027	14	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/08/19

Sample ID No.325

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Kat White

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/08/14/0903

Received @ Lab: 13/08/14/0906

Completed: 13/08/14

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

*

* Date/Time of Sample: |13|08|14|0903|

Laboratory Code: 6080

*

* YY MM DD TTTT

YY MM DD

*

* Date Analysis completed: |13|08|14|

* Submitted by:

Phone #:

*

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	9.2	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/10/02

Sample ID No.336

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Doug Paterson

Employed By: AVER Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/09/11/0753

Received @ Lab:13/09/11/1030

Completed:13/09/11

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

* Date/Time of Sample: |13|09|11|0753|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|09|11| *

* Submitted by: _____ Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	9.8	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/10/02

Sample ID No.341

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Kat White

Employed By: AVER Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/09/11/0846

Received @ Lab:13/09/11/0845

Completed:13/09/11

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

* Date/Time of Sample: |13|09|11|0846|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|09|11| *

* Submitted by: _____ Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	7.3	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/10/22

Sample ID No.352

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Steve Horn

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/10/09/0821

Received @ Lab: 13/10/09/1004

Completed: 13/10/09

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

* Date/Time of Sample: |13|10|09|0821|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|10|09| *

* Submitted by: _____ Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	10	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/10/22

Sample ID No.357

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Michelle Olsen

Employed By: AVER Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/10/09/0906

Received @ Lab:13/10/09/0910

Completed:13/10/09

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

*

* Date/Time of Sample: |13|10|09|0906|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|10|09| *

* Submitted by: _____ Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	7.7	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/11/21

Sample ID No.368

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Andrew Atrops

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/11/13/0645

Received @ Lab: 13/11/13/0930

Completed: 13/11/14

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

*

* Date/Time of Sample: |13|11|13|0645|

Laboratory Code: 6080

*

* YY MM DD TTTT

YY MM DD

*

* Date Analysis completed: |13|11|14|

*

* Submitted by: _____

Phone #: _____

*

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	5.2	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/11/21

Sample ID No.373

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Michelle Olsen

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/11/13/0853

Received @ Lab:13/11/13/0954

Completed:13/11/14

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

* Date/Time of Sample: |13|11|13|0853|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |13|11|14|

* Submitted by:

Phone #:

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	ND	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

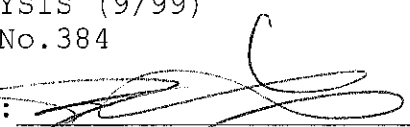
Date of Report: 13/12/26

Sample ID No.384

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director: 

Name of Sampler: Allen Morris

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/12/11/0815

Received @ Lab: 13/12/11/1100

Completed: 13/12/17

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

* Date/Time of Sample: |13|12|11|0815|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|12|17| *

* Submitted by: _____ Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	3.6	5.0

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/12/26

Sample ID No.389

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Michelle Olsen

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/12/11/1505

Received @ Lab:13/12/11/1510

Completed:13/12/17

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

* Date/Time of Sample: |13|12|11|1505|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

*

Date Analysis completed: |13|12|17| *

* Submitted by: _____

Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
10	ug/L	Bromate (ug/L)	A-027	ND	5.0

+ Indicates Secondary Drinking Water Standards

ACTON WATER TREATMENT PLANT

Finished Drinking Water Monitoring Results

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/11/21

Sample ID No.715

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Steve Horn

Employed By: AVER Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/11/20/0625

Received @ Lab: 13/11/20/0915

Completed: 13/11/21

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: ACTON PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-004

* Date/Time of Sample: |13|11|20|0625|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |13|11|21|

* Submitted by:

Phone #:

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	

mg/L Total Hardness (as CaCO3) (mg/L)

00900

mg/L Calcium (Ca) (mg/L)

00916

mg/L Magnesium (Mg) (mg/L)

00927

mg/L Sodium (NA) (mg/L)

00929

mg/L Potassium (K) (mg/L)

00937

| Total Cations Meq/L Value:

mg/L Total Alkalinity (AS CaCO3) (mg/L)

00410

mg/L Hydroxide (OH) (mg/L)

71830

mg/L Carbonate (CO3) (mg/L)

00445

mg/L Bicarbonate (HCO3) (mg/L)

00440

* mg/L+ Sulfate (SO4) (mg/L)

00945

* mg/L+ Chloride (Cl) (mg/L)

00940

45 mg/L Nitrate (as NO3) (mg/L)

71850

2 mg/L Fluoride (F) (Natural-Source)

00951

| Total Anions Meq/L Value:

Std.Units+ PH (Laboratory) (Std.Units)

00403

7.42

*** umho/cm+ Specific Conductance (E.C.) (umhos/cm)

00095

647

**** mg/L+ Total Filterable Residue@180C(TDS) (mg/L)

70300

15 Units Apparent Color (Unfiltered) (Units)

00081

< 5

3 TON Odor Threshold at 60 C (TON)

00086

< 1

1.

5 NTU Lab Turbidity (NTU)

82079

0.28

0.5 mg/L+ MBAS (mg/L)

38260

* 250-500-600

** 0.6-1.7

*** 900-1600-2200

**** 500-1000-1500



Date of Report: 14/01/14
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: SH/JL/RR

Sample ID No.: 3K21021-01

Signature Lab
Director:

Date/Time Sample
Collected: 13/11/20 0625

Date/Time Sample
Received @ Lab: 13/11/21 1000

Date Analyses
Completed: 13/12/05

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: ACTON PLANT - TREATED EFFLUENT

User ID: 4TH

Station Number: 1910045-004

Date/Time of Sample: 13 | 11 | 20 | 06 | 25
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 12 | 05 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Methyl tert-Butyl Ether(MTBE)	ug/L	46491	ND	5	3
	--[UNREGULATED ORGANIC CHEMICALS]--					
	Thiobencarb (BOLERO)	ug/L	A-001	ND	70	1
	Nitrite as Nitrogen(N) (ug/L)	ug/L	00620	ND	1000	400
	Cyanide (ug/L)	ug/L	01291	ND	150	100
	Perchlorate (ug/L)	ug/L	A-031	ND	6	4
	Chromium, hexavalent (CrVI) (ug/L)	ug/L	01032	ND		1
	- Total Cations Meq/L Value:					
	Total Hardness (as CaCO3) (mg/L)	mg/L	00900	141		
	Calcium (Ca) (mg/L)	mg/L	00916	33.4		
	Magnesium (Mg) (mg/L)	mg/L	00927	14.1		
	Sodium (NA) (mg/L)	mg/L	00929	67		
	- Total Anions Meq/L Value:					
	Total Alkalinity (AS CaCO3) (mg/L)	mg/L	00410	100		
	Hydroxide (OH) (mg/L)	mg/L	71830	ND		
	Carbonate (CO3) (mg/L)	mg/L	00445	ND		
	Bicarbonate (HCO3) (mg/L)	mg/L	00440	130		
	Sulfate (SO4) (mg/L)	mg/L	00945	44	*	0.5
	Chloride (Cl) (mg/L)	mg/L	00940	110	*	
	Nitrate (as NO3) (mg/L)	mg/L	71850	ND	45	2
	Fluoride (F) (Natural-Source)	mg/L	00951	0.19	2	0.1
	--[INORGANIC CHEMICALS]--					
	Total Filterable Residue@180C(TDS)(mg/L)	mg/L	70300	350	****	
	MBAS (mg/L)	mg/L	38260	ND	0.5	
	--[ADDITIONAL ANALYSES]--					



TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]-----					
	Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50
	Antimony (ug/L)	ug/L	01097	ND	6	6
	Arsenic (As) (ug/L)	ug/L	01002	ND	10	2
	Barium (Ba) (ug/L)	ug/L	01007	ND	1000	100
	Beryllium (ug/L)	ug/L	01012	ND	4	1
	Cadmium (Cd) (ug/L)	ug/L	01027	ND	5	1
	Chromium (Total Cr) (ug/L)	ug/L	01034	ND	50	10
	Copper (Cu) (ug/L)	ug/L	01042	ND	1000	50
	Iron (Fe) (ug/L)	ug/L	01045	ND	300	100
	Manganese (Mn) (ug/L)	ug/L	01055	ND	50	20
	Mercury (Hg) (ug/L)	ug/L	71900	ND	2	1
	Nickel (ug/L)	ug/L	01067	ND	100	10
	Selenium (Se) (ug/L)	ug/L	01147	ND	50	5
	Silver (Ag) (ug/L)	ug/L	01077	ND	100	10
	Thallium (ug/L)	ug/L	01059	ND	2	1
	Zinc (Zn) (ug/L)	ug/L	01092	410	5000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

ACWR :

EASTSIDE WATER TREATMENT PLANT

Plant Effluent
Finished Drinking Water
Monitoring Results



Date of Report: 13/01/22
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: AM/JL

Sample ID No.: 3A11012-01

Signature Lab
Director:

Date/Time Sample
Collected: 13/01/09 0732

Date/Time Sample
Received @ Lab: 01/11/13 09:20

Date Analyses
Completed: 13/01/21

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

User ID: 4TH

Station Number: 1910045-006

Date/Time of Sample: 13 01 09 07 32
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 01 21
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]----- Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

ECWR :



Date of Report: 13/03/14
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: SH/SN

Sample ID No.: 3B21014-01
Signature Lab Director: 

Date/Time Sample Collected: 13/02/13 0646
Date/Time Sample Received @ Lab: 02/21/13 09:15
Date Analyses Completed: 13/03/04

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY
System Number: 1910045
Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

User ID: 4TH	Station Number: 1910045-006
Date/Time of Sample: 13 02 13 06 46 YY MM DD TT TT	Laboratory Code: 9588
Date of Analyses Completed: 13 03 04 YY MM DD	
Submitted By: Weck Laboratories, Inc	Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]-- Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

ECWR :



Date of Report: 13/04/02
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: KW/SH/TB/JL

Sample ID No.: 3C14010-01Signature Lab
Director:

Date/Time Sample
Collected: 13/03/13 0645

Date/Time Sample
Received @ Lab: 03/14/13 09:10

Date Analyses
Completed: 13/03/29

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCYSystem Number: 1910045Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENTUser ID: 4THStation Number: 1910045-006

Date/Time of Sample: 13 | 03 | 13 | 06 | 45
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 03 | 29 |
YY MM DD

Submitted By: Weck Laboratories, IncPhone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]-----					
	Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

ECWR :



Weck Laboratories, Inc.

Analytical Laboratory Service - Since 1964

Date of Report: 13/05/13
Laboratory Name: Weck Laboratories, Inc.
Name of Sampler: AM/EK

Sample ID No.: 3D23015-01

Signature Lab
Director:

Date/Time Sample
Collected: 13/04/08 0556

Date/Time Sample
Received @ Lab: 04/23/13 09:35

Date Analyses
Completed: 13/04/30

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

User ID: 4TH

Station Number: 1910045-006

Date/Time of Sample: 13 | 04 | 08 | 05 | 56
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 04 | 30 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]-----					
	Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

ECWR :



Date of Report: 13/05/22
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: SH/KW

Sample ID No.: 3E09007-01
Signature Lab Director: 

Date/Time Sample Collected: 13/05/08 0700
Date/Time Sample Received @ Lab: 05/09/13 09:15
Date Analyses Completed: 13/05/21

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY
System Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

User ID: 4TH	Station Number: 1910045-006
Date/Time of Sample: 13 05 08 07 00 YY MM DD TT TT	Laboratory Code: 9588
	Date of Analyses Completed: 13 05 21 YY MM DD
Submitted By: Weck Laboratories, Inc	Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]-- Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

ECWR :



Date of Report: 13/07/01
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: Terry Brown, Kart White, Andrew Atrops

Sample ID No.: 3F13053-01

Signature Lab
Director:

Date/Time Sample
Collected: 13/06/12 0720

Date/Time Sample
Received @ Lab: 06/13/13 09:10

Date Analyses
Completed: 13/06/24

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

User ID: 4TH

Station Number: 1910045-006

Date/Time of Sample: 13 | 06 | 12 | 07 | 20
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 06 | 24 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]----- Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

ECWR :



Weck Laboratories, Inc.

Analytical Laboratory Service - Since 1964

Date of Report: 13/08/13

Sample ID No.: 3G24023-01

Laboratory Name: Weck Laboratories, Inc

Signature Lab

Name of Sampler: DP/KW

Director:

Date/Time Sample

Collected: 13/07/09 0853

Date/Time Sample

Received @ Lab: 07/24/13 09:25

Date Analyses

Completed: 13/08/07

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

User ID: 4TH

Station Number: 1910045-006

Date/Time of Sample: 13 | 07 | 09 | 08 | 53
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 08 | 07 |
YY MM DD

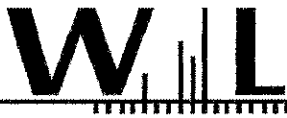
Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
--[ADDITIONAL ANALYSES]-----						
	Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

ECWR :



Date of Report: 13/09/06
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: SH/EK

Sample ID No.: 3H20068-01
Signature Lab Director: *Alfred P. ...*

Date/Time Sample Collected: 13/08/14 0740
Date/Time Sample Received @ Lab: 08/20/13 13:00
Date Analyses Completed: 13/09/05

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY
System Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

User ID: 4TH	Station Number: 1910045-006
Date/Time of Sample: 13 08 14 07 40 YY MM DD TT TT	Laboratory Code: 9588
Date of Analyses Completed: 13 09 05 YY MM DD	
Submitted By: Weck Laboratories, Inc	Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]-- Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

ECWR :



Date of Report: 13/10/02
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: KW/SH/RR

Sample ID No.: 3112023-01

Signature Lab
Director:

Date/Time Sample
Collected: 13/09/11 0750

Date/Time Sample
Received @ Lab: 13/09/12 0945

Date Analyses
Completed: 13/09/30

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

User ID: 4TH

Station Number: 1910045-006

Date/Time of Sample: 13 | 09 | 11 | 07 | 50
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 09 | 30 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]-----					
	Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

ECWR :



Date of Report: 13/11/29
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: SH/EK

Sample ID No.: 3K14071-01

Signature Lab
Director:Date/Time Sample
Collected: 13/10/16 1444Date/Time Sample
Received @ Lab: 13/11/14 1000Date Analyses
Completed: 13/11/18

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

User ID: 4TH

Station Number: 1910045-006

Date/Time of Sample: 13 | 10 | 16 | 14 | 44
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 11 | 18 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

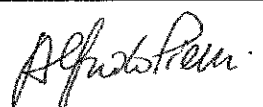
TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]----- Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

ECWR :



Date of Report: 14/01/07
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: KWW/AM/MO

Sample ID No.: 3L12021-01
Signature Lab Director: 

Date/Time Sample Collected: 13/12/11 0820
Date/Time Sample Received @ Lab: 13/12/12 0935
Date Analyses Completed: 13/12/24

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY
System Number: 1910045
Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

User ID: 4TH	Station Number: 1910045-006
Date/Time of Sample: 13 12 11 08 20 YY MM DD TT TT	Laboratory Code: 9588
Date of Analyses Completed: 13 12 24 YY MM DD	
Submitted By: Weck Laboratories, Inc	Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]--					
	Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

ECWR :

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/11/21

Sample ID No.696

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Andrew Atrops

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/11/13/0705

Received @ Lab: 13/11/13/0930

Completed: 13/11/13

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

* Date/Time of Sample: |13|11|13|0705|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

*

Date Analysis completed: |13|11|13|

* Submitted by: _____

Phone #: _____

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

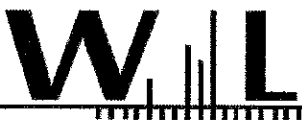
| Total Cations Meq/L Value: |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410		
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: |

	Std.Units+	PH (Laboratory) (Std.Units)	00403	6.85	
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095	578	
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081	< 5	
3	TON	Odor Threshold at 60 C (TON)	00086	< 1	1.
5	NTU	Lab Turbidity (NTU)	82079	0.02	
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500



Date of Report: 14/01/15
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: A. Atrops

Sample ID No.: 3K14040-01

Signature Lab
Director:

Date/Time Sample
Collected: 13/11/13 0645

Date/Time Sample
Received @ Lab: 13/11/14 1000

Date Analyses
Completed: 13/12/03

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

User ID: 4TH

Station Number: 1910045-006

Date/Time of Sample: 13 | 11 | 13 | 06 | 45
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 12 | 03 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	10	80	
524.2	Bromodichloromethane	ug/L	32101	ND		1
524.2	Bromoform	ug/L	32104	6.9		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	ND		1
524.2	Dibromochloromethane	ug/L	32105	3.2		1
524.2	Benzene	ug/L	34030	ND	1	0.5
524.2	Carbon Tetrachloride	ug/L	32102	ND	0.5	0.5
524.2	1,2-Dichlorobenzene (o-DCB)	ug/L	34536	ND	600	0.5
524.2	1,4-Dichlorobenzene (p-DCB)	ug/L	34571	ND	5	0.5
524.2	1,1-Dichloroethane (1,1-DCA)	ug/L	34496	ND	5	0.5
524.2	1,2-Dichloroethane (1,2-DCA)	ug/L	34531	ND	0.5	0.5
524.2	1,1-Dichloroethylene (1,1-DCE)	ug/L	34501	ND	6	0.5
524.2	cis-1,2-Dichloroethylene (c-1,2-DCE)	ug/L	77093	ND	6	0.5
524.2	trans-1,2-Dichloroethylene (t-1,2-DCE)	ug/L	34546	ND	10	0.5
524.2	Dichloromethane (Methylene Chloride)	ug/L	34423	ND	5	0.5
524.2	1,2-Dichloropropane	ug/L	34541	ND	5	0.5
524.2	Total 1,3-Dichloropropene	ug/L	34561	ND	0.5	0.5
524.2	Ethyl Benzene	ug/L	34371	ND	300	0.5
524.2	Methyl tert-Butyl Ether(MTBE)	ug/L	46491	ND	5	3
524.2	Monochlorobenzene (Chlorobenzene)	ug/L	34301	ND	70	0.5
524.2	Styrene	ug/L	77128	ND	100	0.5
524.2	1,1,2,2-Tetrachloroethane	ug/L	34516	ND	1	0.5
524.2	Tetrachloroethylene (PCE)	ug/L	34475	ND	5	0.5

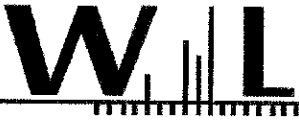


TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Toluene	ug/L	34010	ND	150	0.5
524.2	1,2,4-Trichlorobenzene	ug/L	34551	ND	5	0.5
524.2	1,1,1-Trichloroethane (1,1,1-TCA)	ug/L	34506	ND	200	0.5
524.2	1,1,2-Trichloroethane (1,1,2-TCA)	ug/L	34511	ND	5	0.5
524.2	Trichloroethylene (TCE)	ug/L	39180	ND	5	0.5
524.2	Trichlorofluoromethane (FREON 11)	ug/L	34488	ND	150	5
524.2	Trichlorotrifluoroethane (FREON 113)	ug/L	81611	ND	1200	10
524.2	Vinyl Chloride (VC)	ug/L	39175	ND	0.5	0.5
524.2	m,p-Xylene	ug/L	A-014	ND		0.5
524.2	o-Xylene	ug/L	77135	ND		0.5
524.2	Total Xylenes (m,p, & o)	ug/L	81551	ND	1750	
	-----[UNREGULATED ORGANIC CHEMICALS]-----					
	Thiobencarb (BOLERO)	ug/L	A-001	ND	70	1

524.2	tert-Amyl Methyl Ether (TAME)	ug/L	A-034	ND		3
524.2	Bromobenzene	ug/L	81555	ND		0.5
524.2	Bromochloromethane	ug/L	A-012	ND		0.5
524.2	Bromomethane (Methyl Bromide)	ug/L	34413	ND		0.5
524.2	n-Butylbenzene	ug/L	A-010	ND		0.5
524.2	sec-Butylbenzene	ug/L	77350	ND		0.5
524.2	tert-Butylbenzene	ug/L	77353	ND		0.5
524.2	Chloroethane	ug/L	34311	ND		0.5
524.2	2-Chloroethylvinyl Ether	ug/L	34576	ND		
524.2	Chloromethane (Methyl Chloride)	ug/L	34418	ND		0.5
524.2	2-Chlorotoluene	ug/L	A-008	ND		0.5
524.2	4-Chlorotoluene	ug/L	A-009	ND		0.5
524.2	Dibromomethane	ug/L	77596	ND		0.5
524.2	1,3-Dichlorobenzene (m-DCB)	ug/L	34566	ND		0.5
524.2	Dichlorodifluoromethane (Freon 12)	ug/L	34668	ND		0.5
524.2	1,3-Dichloropropane	ug/L	77173	ND		0.5
524.2	2,2-Dichloropropane	ug/L	77170	ND		0.5
524.2	1,1-Dichloropropene	ug/L	77168	ND		0.5
524.2	Diisopropyl Ether (DIPE)	ug/L	A-036	ND		3
524.2	Ethyl tert-Butyl Ether (ETBE)	ug/L	A-033	ND		3
524.2	Hexachlorobutadiene	ug/L	34391	ND		0.5
524.2	Isopropylbenzene (Cumene)	ug/L	77223	ND		0.5
524.2	p-Isopropyltoluene	ug/L	A-011	ND		
524.2	Naphthalene	ug/L	34696	ND		0.5
524.2	n-Propylbenzene	ug/L	77224	ND		0.5
524.2	1,1,1,2-Tetrachloroethane	ug/L	77562	ND		0.5
524.2	1,2,3-Trichlorobenzene	ug/L	77613	ND		0.5
524.2	1,2,4-Trimethylbenzene	ug/L	77222	ND		0.5
524.2	1,3,5-Trimethylbenzene	ug/L	77226	ND		0.5



TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Methyl Ethyl Ketone (MEK, Butanone)	ug/L	81595	ND		5
524.2	Methyl Isobutyl Ketone (MIBK)	ug/L	81596	ND		5
524.2	cis-1,3-Dichloropropene (D-D)	ug/L	34704	ND	0.5	
524.2	trans-1,3-Dichloropropene	ug/L	34699	ND	0.5	
	Nitrite as Nitrogen(N) (ug/L)	ug/L	00620	ND	1000	400
	Cyanide (ug/L)	ug/L	01291	ND	150	100
	Perchlorate (ug/L)	ug/L	A-031	ND	6	4
	Chromium, hexavalent (CrVI) (ug/L)	ug/L	01032	1.2		1
	- Total Cations Meq/L Value:					
	Total Hardness (as CaCO3) (mg/L)	mg/L	00900	102		
	Calcium (Ca) (mg/L)	mg/L	00916	24.3		
	Magnesium (Mg) (mg/L)	mg/L	00927	10		
	Sodium (NA) (mg/L)	mg/L	00929	67		
	- Total Anions Meq/L Value:					
	Total Alkalinity (AS CaCO3) (mg/L)	mg/L	00410	62		
	Hydroxide (OH) (mg/L)	mg/L	71830	ND		
	Carbonate (CO3) (mg/L)	mg/L	00445	ND		
	Bicarbonate (HCO3) (mg/L)	mg/L	00440	76		
	Sulfate (SO4) (mg/L)	mg/L	00945	67	*	0.5
	Chloride (Cl) (mg/L)	mg/L	00940	93	*	
	Nitrate (as NO3) (mg/L)	mg/L	71850	3.2	45	2
	Fluoride (F) (Natural-Source)	mg/L	00951	0.11	2	0.1
	--[INORGANIC CHEMICALS]--					
	Total Filterable Residue@180C(TDS)(mg/L)	mg/L	70300	310	****	
	MBAS (mg/L)	mg/L	38260	ND	0.5	
	--[ADDITIONAL ANALYSES]--					
	Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50
	Antimony (ug/L)	ug/L	01097	ND	6	6
	Arsenic (As) (ug/L)	ug/L	01002	ND	10	2
	Barium (Ba) (ug/L)	ug/L	01007	ND	1000	100
	Beryllium (ug/L)	ug/L	01012	ND	4	1
	Cadmium (Cd) (ug/L)	ug/L	01027	ND	5	1
	Chromium (Total Cr) (ug/L)	ug/L	01034	ND	50	10
	Copper (Cu) (ug/L)	ug/L	01042	ND	1000	50
	Iron (Fe) (ug/L)	ug/L	01045	ND	300	100
	Manganese (Mn) (ug/L)	ug/L	01055	ND	50	20
	Mercury (Hg) (ug/L)	ug/L	71900	ND	2	1
	Nickel (ug/L)	ug/L	01067	ND	100	10
	Selenium (Se) (ug/L)	ug/L	01147	ND	50	5
	Silver (Ag) (ug/L)	ug/L	01077	ND	100	10
	Thallium (ug/L)	ug/L	01059	ND	2	1
	Zinc (Zn) (ug/L)	ug/L	01092	480	5000	50



Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

ECWR :

Antelope Valley-East Kern Water Agency
LA System No. 1910045
TOC Removal Running Annual Average

Sample Date	Plant	Alkalinity mgCaCO ₃ /L	Raw TOC mg/L	Treated TOC mg/L	Actual % TOC reduction	Required % TOC reduction	"TOC Removal Ratio" actual % /required %
1/9/2013	QHWTP	77.6	2.30	1.54	33.0	25	1.3
"	EWTP	80.9	1.87	1.25	33.2	25	1.3
"	AWTP	plant off					
2/13/2013	QHWTP	90.4	4.46	2.80	37.2	35	1.1
"	EWTP	89.2	4.77	3.01	36.9	35	1.1
"	AWTP	plant off					
3/13/2013	QHWTP	98.4	3.24	2.10	35.2	25	1.4
"	EWTP	98.4	3.74	2.50	33.2	25	1.3
"	AWTP	plant off					
4/10/2013	QHWTP	93.8	3.72	2.16	41.9	25	1.7
4/8/2013	EWTP	95.5	3.32	2.41	27.4	25	1.1
"	AWTP	plant off					
5/8/2013	QHWTP	87.5	2.82	1.67	40.8	25	1.6
"	EWTP	87.3	3.12	2.03	34.9	25	1.4
"	AWTP	plant off					
6/12/2013	QHWTP	87.1	2.87	1.76	38.7	25	1.5
"	EWTP	88.9	3.44	2.29	33.4	25	1.3
"	AWTP	plant off					
7/10/2013	QHWTP	82.9	3.27	1.84	43.7	25	1.7
7/9/2013	EWTP	85.6	3.53	2.29	35.1	25	1.4
"	AWTP	plant off					
8/14/2013	QHWTP	75.7	2.69	1.25	53.5	25	2.1
"	EWTP	74.5	2.85	1.70	40.4	25	1.6
"	AWTP	plant off					
9/11/2013	QHWTP	71.4	2.45	1.11	54.7	25	2.2
"	EWTP	72.5	2.57	1.48	42.4	25	1.7
"	AWTP	plant off					
10/9/2013	QHWTP	72.4	2.32	1.18	49.1	25	2.0
"	EWTP	72.8	2.49	1.44	42.2	25	1.7
"	AWTP	plant off					
11/13/2013	QHWTP	75.3	1.78	0.89	50.0	25	2.0
"	EWTP	77.8	1.96	1.30	33.7	25	1.3
"	AWTP	plant off					
12/11/2013	QHWTP	77.5	1.93	1.07	44.6	25	1.8
"	EWTP	76.7	2.29	1.36	40.6	25	1.6
"	AWTP	plant off					
Minimum		71.4	1.8	0.9	27.4		
Maximum		98.4	4.8	3.0	54.7		
RAA		82.9	2.9	1.8	39.8		

Running Annual Average (RAA) 1.6

Title 22 California Code of Regulations, Chapter 15.5, Article 5:

Required percent TOC reduction**

Raw TOC	Source Water Alkalinity		
	0-60	<60 - 120	>120
>2.0 - 4.0	35.0 %	25.0 %	15.0 %
>4.0 - 8.0	45.0 %	35.0 %	25.0 %
>8.0	50.0 %	40.0 %	30.0 %

**If one or more of the section 64636.4(b) 1-8 conditions are met, the system may assign a monthly value of 1 for the TOC removal ratio in lieu of the calculated value. List condition when used:

1. The system's source water TOC level, prior to any treatment is less than or equal to 2.0 mg/L.
2. The system's treated water TOC level is less than or equal to 2.0 mg/L.
3. The system's source water SUVA, prior to any treatment, is less than or equal to 2.0 L/mg-m
4. The system's finished water SUVA is less than or equal to 2.0 L/mg-m
5. A system practicing softening removes at least 10 mg/L of magnesium hardness (as CaCO₃)
6. A system practicing enhanced softening lowers alkalinity below 60 mg/L (as CaCO₃)

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/01/25

Sample ID No.212

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Andrew Atrops

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/01/09/0720

Received @ Lab: 13/01/09/1024

Completed: 13/01/10

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

* Date/Time of Sample: |13|01|09|0720|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

*

Date Analysis completed: |13|01|10| *

* Submitted by:

Phone #: *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	1.25	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/02/25

Sample ID No.227

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Steve Horn

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/02/13/0652

Received @ Lab:13/02/13/1000

Completed:13/02/21

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

* Date/Time of Sample: |13|02|13|0652|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|02|21| *

* Submitted by: _____ Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	3.01	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/03/26

Sample ID No.242

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Steve Horn

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/03/13/0645

Received @ Lab: 13/03/13/1014

Completed: 13/03/21

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

*

* Date/Time of Sample: |13|03|13|0645|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|03|21| *

* Submitted by: _____ Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	2.50	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/04/30

Sample ID No.257

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Allen Morris

Employed By: AVER Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/04/08/0600

Received @ Lab:13/04/08/1023

Completed:13/04/24

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

* Date/Time of Sample: |13|04|08|0600|

Laboratory Code: 6080 *

YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|04|24| *

* Submitted by: _____ Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL		ENTRY	ANALYSES	DLR
	UNITS			#	RESULTS	
mg/L	Total Organic Carbon (TOC)	(mg/L)	00680	2.41	0.30	

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/05/17

Sample ID No.272

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Steve Horn

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/05/08/0805

Received @ Lab: 13/05/08/1005

Completed: 13/05/09

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

*

* Date/Time of Sample: |13|05|08|0805|

Laboratory Code: 6080

*

* YY MM DD TTTT

YY MM DD

*

*

Date Analysis completed: |13|05|09|

*

* Submitted by: _____

Phone #: _____

*

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	2.03	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/06/27

Sample ID No.291

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Andrew Atrops

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/06/12/0718

Received @ Lab:13/06/12/1050

Completed:13/06/13

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

* Date/Time of Sample: |13|06|12|0718|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|06|13| *

* Submitted by:

Phone #:

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L	Total Organic Carbon (TOC)	(mg/L)	00680	2.29	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/07/22

Sample ID No.307

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Doug Paterson

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/07/09/0845

Received @ Lab:13/07/09/1150

Completed:13/07/11

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

*

* Date/Time of Sample: |13|07|09|0845|

Laboratory Code: 6080

*

* YY MM DD TTTT

YY MM DD

*

*

Date Analysis completed: |13|07|11|

*

* Submitted by: _____

Phone #: _____

*

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	2.29	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/08/19

Sample ID No.323

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Doug Paterson

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/08/14/0749

Received @ Lab:13/08/14/0940

Completed:13/08/14

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

*

* Date/Time of Sample: |13|08|14|0749|

Laboratory Code: 6080

*

* YY MM DD TTTT

YY MM DD

*

*

Date Analysis completed: |13|08|14|

*

* Submitted by:_____

Phone #:_____

*

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	

mg/L	Total Organic Carbon (TOC)	(mg/L)	00680	1.70	0.30
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+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/10/02

Sample ID No.339

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Doug Paterson

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/09/11/0800

Received @ Lab:13/09/11/1030

Completed:13/09/12

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

* Date/Time of Sample: |13|09|11|0800|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |13|09|12|

* Submitted by: Phone #:

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	1.48	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/10/22

Sample ID No.355

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Steve Horn

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/10/09/0800

Received @ Lab: 13/10/09/1004

Completed: 13/10/18

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

*

* Date/Time of Sample: |13|10|09|0800|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

*

Date Analysis completed: |13|10|18| *

* Submitted by: _____

Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	1.44	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/11/21

Sample ID No.371

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Andrew Atrops

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/11/13/0654

Received @ Lab: 13/11/13/0930

Completed: 13/11/15

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT

* User ID: 4TH

Station Number: 1910045-006

*

* Date/Time of Sample: |13|11|13|0654|

Laboratory Code: 6080

*

* YY MM DD TTTT

YY MM DD

*

*

Date Analysis completed: |13|11|15|

*

* Submitted by: _____

Phone #: _____

*

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	

mg/L	Total Organic Carbon (TOC)	(mg/L)	00680	1.30	0.30
------	----------------------------	--------	-------	------	------

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/12/26 Sample ID No.387
 Laboratory Signature Lab
 Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY Director: 
 Name of Sampler: Allen Morris Employed By: AVEK Water Agency
 Date/Time Sample Date/Time Sample Date Analyses
 Collected: 13/12/11/0820 Received @ Lab: 13/12/11/1100 Completed: 13/12/12

=====

System	System
Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY	Number: 1910045
Name or Number of Sample Source: EASTSIDE PLANT - TREATED EFFLUENT	

* User ID: 4TH	Station Number: 1910045-006 *
* Date/Time of Sample: 13 12 11 0820	Laboratory Code: 6080 *
* YY MM DD TTTT	YY MM DD *
* Date Analysis completed: 13 12 12	*
* Submitted by: _____	Phone #: _____ *

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Organic Carbon (TOC) (mg/L)	00680	1.36	0.30
+ Indicates Secondary Drinking Water Standards					

EASTSIDE WATER TREATMENT PLANT

Plant Influent
Untreated Source Water
Monitoring Results



Date of Report: 13/04/02
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: KW/SH/TB/JL

Sample ID No.: 3C14010-04

Signature Lab
Director:Date/Time Sample
Collected: 13/03/13 1310Date/Time Sample
Received @ Lab: 03/14/13 09:10Date Analyses
Completed: 13/03/14

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - INFLUENT

User ID: 4TH

Station Number: 1910045-005

Date/Time of Sample: 13 | 03 | 13 | 13 | 10
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 03 | 14 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	- Total Anions Meq/L Value: Nitrate (as NO3) (mg/L)	mg/L	71850	5.2	45	2

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

Raw :



Date of Report: 13/07/01
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: Terry Brown, Kart White, Andrew Atrops

Sample ID No.: 3F13053-04

Signature Lab
Director:

Date/Time Sample
Collected: 13/06/12 0921

Date/Time Sample
Received @ Lab: 06/13/13 09:10

Date Analyses
Completed: 13/06/13

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - INFLUENT

User ID: 4TH

Station Number: 1910045-005

Date/Time of Sample: 13 | 06 | 12 | 09 | 21
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 06 | 13 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	- Total Anions Meq/L Value: Nitrate (as NO3) (mg/L)	mg/L	71850	ND	45	2

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

Raw :



Date of Report: 13/10/02
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: KW/SH/RR

Sample ID No.: 3112023-04

Signature Lab
Director:

Date/Time Sample
Collected: 13/09/11 0832

Date/Time Sample
Received @ Lab: 13/09/12 0945

Date Analyses
Completed: 13/09/12

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - INFLUENT

User ID: 4TH

Station Number: 1910045-005

Date/Time of Sample: 13/09/11/08/32
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13/09/12
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	- Total Anions Meq/L Value: Nitrate (as NO3) (mg/L)	mg/L	71850	ND	45	2

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

Raw :



Date of Report: 13/10/14
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: M.Olsen

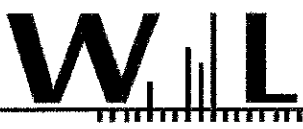
Sample ID No.: 3112039-01
Signature Lab Director: *Alfred Pen*

Date/Time Sample Collected: 13/09/11 1115
Date/Time Sample Received @ Lab: 13/09/12 0945
Date Analyses Completed: 13/09/30

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY
System Number: 1910045
Name or Number of Sample Source: EASTSIDE PLANT - INFLUENT

User ID: 4TH
Station Number: 1910045-005
Date/Time of Sample: 13 | 09 | 11 | 11 | 15
YY MM DD TT TT
Laboratory Code: 9588
Date of Analyses Completed: 13 | 09 | 30 |
YY MM DD
Submitted By: Weck Laboratories, Inc
Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[UNREGULATED ORGANIC CHEMICALS]--					
	Dibromochloropropane (DBCP)	ug/L	38761	ND	0.2	0.01
	Ethylene Dibromide (EDB)	ug/L	77651	ND	0.05	0.02
508	Lindane (gamma-BHC)	ug/L	39340	ND	0.2	0.2
508	Methoxychlor	ug/L	39480	ND	30	10
	Molinate (ORDRAM)	ug/L	82199	ND	20	2
	Simazine (PRINCEP)	ug/L	39055	ND	4	1
	Thiobencarb (BOLERO)	ug/L	A-001	ND	70	1
	Alachlor (ALANEX)	ug/L	77825	ND	2	1
	Bentazon (BASAGRAN)	ug/L	38710	ND	18	2
	2,4,5-TP (SILVEX)	ug/L	39045	ND	50	1
531.1	Carbofuran (FURADAN)	ug/L	81405	ND	18	5
	Dalapon	ug/L	38432	ND	200	10
	Dinoseb (DNBP)	ug/L	81287	ND	7	2
549.2	Diquat	ug/L	78885	ND	20	4
	Di(2-ethylhexyl) Adipate	ug/L	A-026	ND	400	5
	Endothall	ug/L	38926	ND	100	45
	Glyphosate	ug/L	79743	ND	700	25
531.1	Oxamyl (Vydate)	ug/L	38865	ND	50	20
	Pentachlorophenol (PCP)	ug/L	39032	ND	1	0.2
	Picloram	ug/L	39720	ND	500	1
508	Polychlorinated Biphenyls, Total, as DCB	ug/L	39516	ND	0.5	0.5
531.1	Aldicarb (TEMIK)	ug/L	39053	ND		3
531.1	Aldicarb Sulfone	ug/L	A-020	ND		4
531.1	Aldicarb Sulfoxide	ug/L	A-019	ND		3



TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	Bromacil (HYVAR)	ug/L	82198	ND		10
	Butachlor	ug/L	77860	ND		0.38
531.1	Carbaryl (Sevin)	ug/L	77700	ND		5
508	Chlorothalonil (DACONIL, BRAVO)	ug/L	70314	ND		5
	DCPA (total di & mono acid degradates)	ug/L	A-045	ND		
	Diazinon	ug/L	39570	ND		
	Dicamba (BANVEL)	ug/L	82052	ND		1.5
531.1	3-Hydroxycarbofuran	ug/L	A-021	ND		3
531.1	Methomyl	ug/L	39051	ND		2
	Metribuzin	ug/L	81408	ND		
	Prometryn (CAPAROL)	ug/L	39057	ND		2
508	Propachlor	ug/L	38533	ND		0.5
	Terbacil	ug/L	38882	ND		
508	PCB-1016 (as decachlorobiphenyl (DCB))	ug/L	34671	ND	0.5	0.5
508	PCB-1221 (as DCB)	ug/L	39488	ND	0.5	0.5
508	PCB-1232 (as DCB)	ug/L	39492	ND	0.5	0.5
508	PCB-1242 (as DCB)	ug/L	39496	ND	0.5	0.5
508	PCB-1248 (as DCB)	ug/L	39500	ND	0.5	0.5
508	PCB-1254 (as DCB)	ug/L	39504	ND	0.5	0.5
508	PCB-1260 (as DCB)	ug/L	39508	ND	0.5	0.5
	EPA Test Method 525.2					
	Metolachlor	ug/L	39356	ND		
	EPA Test Method 527					
	Dimethoate (CYGON)	ug/L	38458	ND		

	Aciflufen	ug/L	79193	ND		
	Atrazine (AATREX)	ug/L	39033	ND	3	1
	Captan (Captane)	ug/L	39640	ND		0.1
	Carbophenothion (TRITHION)	ug/L	39786	ND		
	Chloropropham (CIPC)	ug/L	81322	ND		
	Cyanazine (BLADEX)	ug/L	81757	ND		
	2,4-D	ug/L	39730	ND	70	10
	2,4-DB	ug/L	38746	ND		
508	4,4-DDD	ug/L	39310	ND		0.02
508	4,4-DDE	ug/L	39320	ND		0.01
508	4,4-DDT	ug/L	39300	ND		0.02
508	delta-BHC	ug/L	34259	ND		0.5
	Dichlorprop	ug/L	82356	ND		
	Diphenamide (ENIDE)	ug/L	78004	ND		100
	Disulfoton	ug/L	81888	ND		
	EPTC (EPTAM)	ug/L	81894	ND		
531.1	Methiocarb (MESUROL)	ug/L	38500	ND		
	Prometon (PROMITOL)	ug/L	39056	ND		
531.1	Propoxur (BAYGON)	ug/L	38537	ND		



TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
508	2,4,5-T Trifluralin (TREFLAN)	ug/L ug/L	39740 81284	ND ND	10	
508	--[ACID EXTRACTANTS]----- Aldrin (*)	ug/L	39330	ND		0.075
	Benzo (a) Pyrene (*)	ug/L	34247	ND	0.2	0.1
508	beta-BHC	ug/L	39338	ND		0.05
508	Chlordane (*)	ug/L	39350	ND	0.1	0.1
	Diethylhexylphthalate (DEHP) (*)	ug/L	39100	ND	4	3
508	Dieldrin (*)	ug/L	39380	ND		0.02
508	Endosulfan Sulfate	ug/L	34351	ND		0.05
508	Endrin Aldehyde	ug/L	34366	ND		0.05
508	Heptachlor (*)	ug/L	39410	ND	0.01	0.01
508	Heptachlor Epoxide (*)	ug/L	39420	ND	0.01	0.01
508	Hexachlorobenzene (*)	ug/L	39700	ND	1	0.5
508	Toxaphene (*)	ug/L	39400	ND	3	1
508	--[NITROSAMINES]----- alpha-BHC	ug/L	39337	ND		0.01
508	Endosulfan I	ug/L	34361	ND		0.01
508	Endosulfan II	ug/L	34356	ND		0.01
508	Endrin (*)	ug/L	39390	ND	2	0.1
508	Hexachlorocyclopentadiene (*)	ug/L	34386	ND	50	1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

Raw :

ORGANIC CHEMICAL ANALYSIS (9/99)

Date of Report: 13/10/15

Sample ID No.B3G1267-TE6406-01

Laboratory

Signature Lab

Name: MAXXAM ANALYTICS INC. - ONTARIO, CANADA Director: _____

Ivana Vukovic
2013.10.15 09:38:48
-04'00'

Name of Sampler:

Employed By: _____

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/09/11/1115

Received @ Lab:13/09/24/0159

Completed:13/10/08

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:EASTSIDE PLANT - INFLUENT

User ID: 4TH

Station Number: 1910045-005 *

Date/Time of Sample: |13|09|11|1115|

Laboratory Code: 0013 *

YY MM DD TTTT

YY MM DD *

Date Analysis completed: |13|10|08| *

Submitted by: _____

Phone #: _____ *

Page 1 of 1

REGULATED ORGANIC CHEMICALS

TEST	CHEMICAL	ENTRY	ANALYSES	MCL	DLR
METHOD	ALL CHEMICALS REPORTED ug/L	#	RESULTS	ug/L	ug/L
2,3,7,8-TCDD (Dioxin) Units=picogram/L					
		34676	ND	30	5.00

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/11/21

Sample ID No.717

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Justin Livesay

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/11/20/1125

Received @ Lab: 13/11/20/1125

Completed: 13/11/20

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - INFLUENT

* User ID: 4TH

Station Number: 1910045-005

* Date/Time of Sample: |13|11|20|1125|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

*

Date Analysis completed: |13|11|20|

* Submitted by:

Phone #:

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	

mg/L Total Hardness (as CaCO3) (mg/L)

00900

mg/L Calcium (Ca) (mg/L)

00916

mg/L Magnesium (Mg) (mg/L)

00927

mg/L Sodium (NA) (mg/L)

00929

mg/L Potassium (K) (mg/L)

00937

| Total Cations Meq/L Value:

mg/L Total Alkalinity (AS CaCO3) (mg/L)

00410

mg/L Hydroxide (OH) (mg/L)

71830

mg/L Carbonate (CO3) (mg/L)

00445

mg/L Bicarbonate (HCO3) (mg/L)

00440

* mg/L+ Sulfate (SO4) (mg/L)

00945

.5

* mg/L+ Chloride (Cl) (mg/L)

00940

45 mg/L Nitrate (as NO3) (mg/L)

71850

2.0

2 . mg/L Fluoride (F) (Natural-Source)

00951

.1

| Total Anions Meq/L Value:

Std.Units+ PH (Laboratory) (Std.Units)

00403

8.09

*** umho/cm+ Specific Conductance (E.C.) (umhos/cm)

00095

573

**** mg/L+ Total Filterable Residue@180C(TDS) (mg/L)

70300

15 Units Apparent Color (Unfiltered) (Units)

00081

3 TON Odor Threshold at 60 C (TON)

00086

1.

5 NTU Lab Turbidity (NTU)

82079

0.80

0.5 mg/L+ MBAS (mg/L)

38260

* 250-500-600

** 0.6-1.7

*** 900-1600-2200

**** 500-1000-1500



Date of Report: 14/01/14
Laboratory Name: Weck Laboratories, Inc.
Name of Sampler: SH/JL/RR

Sample ID No.: 3K21021-04

Signature Lab
Director:

Date/Time Sample
Collected: 13/11/20 1255

Date/Time Sample
Received @ Lab: 13/11/21 1000

Date Analyses
Completed: 13/12/05

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - INFLUENT

User ID: 4TH

Station Number: 1910045-005

Date/Time of Sample: 13 | 11 | 20 | 12 | 55
YY MM DD TT TT

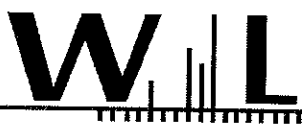
Laboratory Code: 9588

Date of Analyses Completed: 13 | 12 | 05 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	ND	80	
524.2	Bromodichloromethane	ug/L	32101	ND		1
524.2	Bromoform	ug/L	32104	ND		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	ND		1
524.2	Dibromochloromethane	ug/L	32105	ND		1
524.2	Benzene	ug/L	34030	ND	1	0.5
524.2	Carbon Tetrachloride	ug/L	32102	ND	0.5	0.5
524.2	1,2-Dichlorobenzene (o-DCB)	ug/L	34536	ND	600	0.5
524.2	1,4-Dichlorobenzene (p-DCB)	ug/L	34571	ND	5	0.5
524.2	1,1-Dichloroethane (1,1-DCA)	ug/L	34496	ND	5	0.5
524.2	1,2-Dichloroethane (1,2-DCA)	ug/L	34531	ND	0.5	0.5
524.2	1,1-Dichloroethylene (1,1-DCE)	ug/L	34501	ND	6	0.5
524.2	cis-1,2-Dichloroethylene (c-1,2-DCE)	ug/L	77093	ND	6	0.5
524.2	trans-1,2-Dichloroethylene (t-1,2-DCE)	ug/L	34546	ND	10	0.5
524.2	Dichloromethane (Methylene Chloride)	ug/L	34423	ND	5	0.5
524.2	1,2-Dichloropropane	ug/L	34541	ND	5	0.5
524.2	Total 1,3-Dichloropropene	ug/L	34561	ND	0.5	0.5
524.2	Ethyl Benzene	ug/L	34371	ND	300	0.5
524.2	Methyl tert-Butyl Ether (MTBE)	ug/L	46491	ND	5	3
524.2	Monochlorobenzene (Chlorobenzene)	ug/L	34301	ND	70	0.5
524.2	Styrene	ug/L	77128	ND	100	0.5
524.2	1,1,2,2-Tetrachloroethane	ug/L	34516	ND	1	0.5
524.2	Tetrachloroethylene (PCE)	ug/L	34475	ND	5	0.5



TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Toluene	ug/L	34010	ND	150	0.5
524.2	1,2,4-Trichlorobenzene	ug/L	34551	ND	5	0.5
524.2	1,1,1-Trichloroethane (1,1,1-TCA)	ug/L	34506	ND	200	0.5
524.2	1,1,2-Trichloroethane (1,1,2-TCA)	ug/L	34511	ND	5	0.5
524.2	Trichloroethylene (TCE)	ug/L	39180	ND	5	0.5
524.2	Trichlorofluoromethane (FREON 11)	ug/L	34488	ND	150	5
524.2	Trichlorotrifluoroethane (FREON 113)	ug/L	81611	ND	1200	10
524.2	Vinyl Chloride (VC)	ug/L	39175	ND	0.5	0.5
524.2	m,p-Xylene	ug/L	A-014	ND		0.5
524.2	o-Xylene	ug/L	77135	ND		0.5
524.2	Total Xylenes (m,p, & o)	ug/L	81551	ND	1750	
524.2	tert-Amyl Methyl Ether (TAME)	ug/L	A-034	ND		3
524.2	Bromobenzene	ug/L	81555	ND		0.5
524.2	Bromochloromethane	ug/L	A-012	ND		0.5
524.2	Bromomethane (Methyl Bromide)	ug/L	34413	ND		0.5
524.2	n-Butylbenzene	ug/L	A-010	ND		0.5
524.2	sec-Butylbenzene	ug/L	77350	ND		0.5
524.2	tert-Butylbenzene	ug/L	77353	ND		0.5
524.2	Chloroethane	ug/L	34311	ND		0.5
524.2	2-Chloroethylvinyl Ether	ug/L	34576	ND		
524.2	Chloromethane (Methyl Chloride)	ug/L	34418	ND		0.5
524.2	2-Chlorotoluene	ug/L	A-008	ND		0.5
524.2	4-Chlorotoluene	ug/L	A-009	ND		0.5
524.2	Dibromomethane	ug/L	77596	ND		0.5
524.2	1,3-Dichlorobenzene (m-DCB)	ug/L	34566	ND		0.5
524.2	Dichlorodifluoromethane (Freon 12)	ug/L	34668	ND		0.5
524.2	1,3-Dichloropropane	ug/L	77173	ND		0.5
524.2	2,2-Dichloropropane	ug/L	77170	ND		0.5
524.2	1,1-Dichloropropene	ug/L	77168	ND		0.5
524.2	Diisopropyl Ether (DIPE)	ug/L	A-036	ND		3
524.2	Ethyl tert-Butyl Ether (ETBE)	ug/L	A-033	ND		3
524.2	Hexachlorobutadiene	ug/L	34391	ND		0.5
524.2	Isopropylbenzene (Cumene)	ug/L	77223	ND		0.5
524.2	p-Isopropyltoluene	ug/L	A-011	ND		
524.2	Naphthalene	ug/L	34696	ND		0.5
524.2	n-Propylbenzene	ug/L	77224	ND		0.5
524.2	1,1,1,2-Tetrachloroethane	ug/L	77562	ND		0.5
524.2	1,2,3-Trichlorobenzene	ug/L	77613	ND		0.5
524.2	1,2,4-Trimethylbenzene	ug/L	77222	ND		0.5
524.2	1,3,5-Trimethylbenzene	ug/L	77226	ND		0.5
524.2	Methyl Ethyl Ketone (MEK, Butanone)	ug/L	81595	ND		5
524.2	Methyl Isobutyl Ketone (MIBK)	ug/L	81596	ND		5



TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	cis-1,3-Dichloropropene (D-D)	ug/L	34704	ND	0.5	
524.2	trans-1,3-Dichloropropene	ug/L	34699	ND	0.5	
	Nitrite as Nitrogen(N) (ug/L)	ug/L	00620	ND	1000	400
	Cyanide (ug/L)	ug/L	01291	ND	150	100
	Perchlorate (ug/L)	ug/L	A-031	ND	6	4
	Chromium, hexavalent (CrVI) (ug/L)	ug/L	01032	1.1		1
	- Total Cations Meq/L Value:					
	Total Hardness (as CaCO3) (mg/L)	mg/L	00900	106		
	Calcium (Ca) (mg/L)	mg/L	00916	25.4		
	Magnesium (Mg) (mg/L)	mg/L	00927	10.4		
	Sodium (NA) (mg/L)	mg/L	00929	71		
	- Total Anions Meq/L Value:					
	Total Alkalinity (AS CaCO3) (mg/L)	mg/L	00410	84		
	Hydroxide (OH) (mg/L)	mg/L	71830	ND		
	Carbonate (CO3) (mg/L)	mg/L	00445	ND		
	Bicarbonate (HCO3) (mg/L)	mg/L	00440	100		
	Sulfate (SO4) (mg/L)	mg/L	00945	49	*	0.5
	Chloride (Cl) (mg/L)	mg/L	00940	99	*	
	Fluoride (F) (Natural-Source)	mg/L	00951	0.14	2	0.1
	--[INORGANIC CHEMICALS]--					
	Total Filterable Residue@180C(TDS)(mg/L)	mg/L	70300	320	****	
	MBAS (mg/L)	mg/L	38260	ND	0.5	
	--[ADDITIONAL ANALYSES]--					
	Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50
	Antimony (ug/L)	ug/L	01097	ND	6	6
	Arsenic (As) (ug/L)	ug/L	01002	4.3	10	2
	Barium (Ba) (ug/L)	ug/L	01007	ND	1000	100
	Beryllium (ug/L)	ug/L	01012	ND	4	1
	Cadmium (Cd) (ug/L)	ug/L	01027	ND	5	1
	Chromium (Total Cr) (ug/L)	ug/L	01034	ND	50	10
	Copper (Cu) (ug/L)	ug/L	01042	ND	1000	50
	Iron (Fe) (ug/L)	ug/L	01045	ND	300	100
	Manganese (Mn) (ug/L)	ug/L	01055	ND	50	20
	Mercury (Hg) (ug/L)	ug/L	71900	ND	2	1
	Nickel (ug/L)	ug/L	01067	ND	100	10
	Selenium (Se) (ug/L)	ug/L	01147	ND	50	5
	Silver (Ag) (ug/L)	ug/L	01077	ND	100	10
	Thallium (ug/L)	ug/L	01059	ND	2	1
	Zinc (Zn) (ug/L)	ug/L	01092	ND	5000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

Raw :



Date of Report: 14/02/27
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: KWW/AM/MO

Sample ID No.: 3L12021-04

Signature Lab
Director:

Date/Time Sample
Collected: 13/12/11 1030

Date/Time Sample
Received @ Lab: 13/12/12 0935

Date Analyses
Completed: 13/12/27

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - INFLUENT

User ID: 4TH

Station Number: 1910045-005

Date/Time of Sample: 13/12/11/10/30
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13/12/27
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[UNREGULATED ORGANIC CHEMICALS]--					
	Dibromochloropropane (DBCP)	ug/L	38761	ND	0.2	0.01
508	Ethylene Dibromide (EDB)	ug/L	77651	ND	0.05	0.02
508	Lindane (gamma-BHC)	ug/L	39340	ND	0.2	0.2
	Methoxychlor	ug/L	39480	ND	30	10
	Molinate (ORDRAM)	ug/L	82199	ND	20	2
	Simazine (PRINCEP)	ug/L	39055	ND	4	1
	Thiobencarb (BOLERO)	ug/L	A-001	ND	70	1
	Alachlor (ALANEX)	ug/L	77825	ND	2	1
	Bentazon (BASAGRAN)	ug/L	38710	ND	18	2
531.1	2,4,5-TP (SILVEX)	ug/L	39045	ND	50	1
	Carbofuran (FURADAN)	ug/L	81405	ND	18	5
	Dalapon	ug/L	38432	ND	200	10
549.2	Dinoseb (DNBP)	ug/L	81287	ND	7	2
	Diquat	ug/L	78885	ND	20	4
	Di(2-ethylhexyl) Adipate	ug/L	A-026	ND	400	5
	Endothall	ug/L	38926	ND	100	45
531.1	Glyphosate	ug/L	79743	ND	700	25
	Oxamyl (Vydate)	ug/L	38865	ND	50	20
	Pentachlorophenol (PCP)	ug/L	39032	ND	1	0.2
508	Picloram	ug/L	39720	ND	500	1
531.1	Polychlorinated Biphenyls, Total, as DCB	ug/L	39516	ND	0.5	0.5
531.1	Aldicarb (TEMIK)	ug/L	39053	ND		3
531.1	Aldicarb Sulfone	ug/L	A-020	ND		4
531.1	Aldicarb Sulfoxide	ug/L	A-019	ND		3

3L12021-04 : 1910045-005



TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
531.1 508	Bromacil (HYVAR)	ug/L	82198	ND		10
	Butachlor	ug/L	77860	ND		0.38
	Carbaryl (Sevin)	ug/L	77700	ND		5
	Chlorothalonil (DACONIL, BRAVO)	ug/L	70314	ND		5
	DCPA (total di & mono acid degradates)	ug/L	A-045	0.17		
	Diazinon	ug/L	39570	ND		
	Dicamba (BANVEL)	ug/L	82052	ND		1.5
531.1	3-Hydroxycarbofuran	ug/L	A-021	ND		3
531.1	Methomyl	ug/L	39051	ND		2
508	Metribuzin	ug/L	81408	ND		
	Prometryn (CAPAROL)	ug/L	39057	ND		2
	Propachlor	ug/L	38533	ND		0.5
508	Terbacil	ug/L	38882	ND		
	PCB-1016 (as decachlorobiphenyl (DCB))	ug/L	34671	ND	0.5	0.5
	PCB-1221 (as DCB)	ug/L	39488	ND	0.5	0.5
	PCB-1232 (as DCB)	ug/L	39492	ND	0.5	0.5
	PCB-1242 (as DCB)	ug/L	39496	ND	0.5	0.5
	PCB-1248 (as DCB)	ug/L	39500	ND	0.5	0.5
	PCB-1254 (as DCB)	ug/L	39504	ND	0.5	0.5
	PCB-1260 (as DCB)	ug/L	39508	ND	0.5	0.5
	EPA Test Method 525.2					
	Metolachlor	ug/L	39356	ND		
	EPA Test Method 527					
	Dimethoate (CYGON)	ug/L	38458	ND		
=====						
508 508 508 508 508 508 508 508 508 508 508 508 508 508 508	Aciflurfen	ug/L	79193	ND		
	Atrazine (AATREX)	ug/L	39033	ND	3	1
	Captan (Captane)	ug/L	39640	ND		0.1
	Carbophenothion (TRITHION)	ug/L	39786	ND		
	Chloropropham (CIPC)	ug/L	81322	ND		
	Cyanazine (BLADEX)	ug/L	81757	ND		
	2,4-D	ug/L	39730	ND	70	10
	2,4-DB	ug/L	38746	ND		
	4,4-DDD	ug/L	39310	ND		0.02
	4,4-DDE	ug/L	39320	ND		0.01
	4,4-DDT	ug/L	39300	ND		0.02
	delta-BHC	ug/L	34259	ND		0.5
	Dichlorprop	ug/L	82356	ND		
	Diphenamide (ENIDE)	ug/L	78004	ND		100
	Disulfoton	ug/L	81888	ND		
531.1	EPTC (EPTAM)	ug/L	81894	ND		
	Methiocarb (MESUROL)	ug/L	38500	ND		
	Prometon (PROMITOL)	ug/L	39056	ND		
531.1	Propoxur (BAYGON)	ug/L	38537	ND		



TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
508	2,4,5-T	ug/L	39740	ND	10	
	Trifluralin (TREFLAN)	ug/L	81284	ND		
	Nitrite as Nitrogen(N) (ug/L)	ug/L	00620	ND	1000	400
	- Total Anions Meq/L Value: Nitrate (as NO3) (mg/L)	mg/L	71850	3.6	45	2
--[ACID EXTRACTANTS]-----						
508	Aldrin (*)	ug/L	39330	ND		0.075
	Benzo (a) Pyrene (*)	ug/L	34247	ND	0.2	0.1
508	beta-BHC	ug/L	39338	ND		0.05
508	Chlordane (*)	ug/L	39350	ND	0.1	0.1
	Diethylhexylphthalate (DEHP) (*)	ug/L	39100	ND	4	3
508	Dieldrin (*)	ug/L	39380	ND		0.02
508	Endosulfan Sulfate	ug/L	34351	ND		0.05
508	Endrin Aldehyde	ug/L	34366	ND		0.05
508	Heptachlor (*)	ug/L	39410	ND	0.01	0.01
508	Heptachlor Epoxide (*)	ug/L	39420	ND	0.01	0.01
508	Hexachlorobenzene (*)	ug/L	39700	ND	1	0.5
508	Toxaphene (*)	ug/L	39400	ND	3	1
--[NITROSAMINES]-----						
508	alpha-BHC	ug/L	39337	ND		0.01
508	Endosulfan I	ug/L	34361	ND		0.01
508	Endosulfan II	ug/L	34356	ND		0.01
508	Endrin (*)	ug/L	39390	ND	2	0.1
508	Hexachlorocyclopentadiene (*)	ug/L	34386	ND	50	1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will NOT be transmitted to CDPH via EDT):

Raw :

RADIO CHEMICALS ANALYSIS

Date of Report : February 06, 2014 Sample ID : SP 1313288-002

Laboratory Name : **FGL Environmental** Approved By **Kelly A. Dunnahoo, B.S.** Digitally signed by Kelly A. Dunnahoo, B.S.
Title: Laboratory Director
Date: 2014-02-06

Sampled On : 12/11/2013-10:30

Received On : 12/13/2013-11:30 Sampler : kww

Completed On : 12/22/2013 Employed By : AVEK

System Name : ANTELOPE VALLEY-EAST KERN WATER AGENCY Number : 1910045-005 **EDT**

Name Or Number of Sample Source : EASTSIDE PLANT - INFLUENT

User ID : 4TH	Station Number : 1910045-005
Date/Time of Sample : 1312111030 YYMMDDTTTT	Laboratory Code : 5 8 6 7
Submitted By : FGL Environmental	Phone # : (805) 392-2000

RADIOLOGICAL

MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
2	pCi/L	Radium 228	11501	0.000	1
	pCi/L	Radium 228 Counting Error	11502	± 0.485	
	pCi/L	Radium 228 MDA95	A-075	0.200	
3	pCi/L	Ra-226 or Total Ra by 903.0	A-080	0.000	1
	pCi/L	Ra-226 or Total Ra by 903.0 C.E.	A-081	± 0.208	
	pCi/L	Ra-226 or Total Ra by 903.0 MDA95	A-082	0.418	

MCL - Maximum Contaminant Level,

DLR -Detection Limit for Reporting Purpose,

ND - Not Detected at or above DLR

Corporate Offices & Laboratory

853 Corporation Street
Santa Paula, CA 93060
TEL: (805)392-2000
Env FAX: (805)525-4172 / Ag FAX: (805)392-2063
CA ELAP Certification No. 1573

Office & Laboratory

2500 Stagecoach Road
Stockton, CA 95215
TEL: (209)942-0182
FAX: (209)942-0423
CA ELAP Certification No. 1563

Office & Laboratory

563 E. Lindo Avenue
Chico, CA 95926
TEL: (530)343-5818
FAX: (530)343-3807
CA ELAP Certification No. 2670

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FAX: (805)783-2912
CA ELAP Certification No. 2775

Office & Laboratory

9415 W. Goshen Avenue
Visalia, CA 93291
TEL: (559)734-9473
FAX: (559)734-8435
CA ELAP Certification No. 2810

ORGANIC CHEMICAL ANALYSIS (9/99)

Date of Report: 14/01/24 Sample ID No.B3L6125-UH1302-01
 Laboratory Signature Lab
 Name: MAXXAM ANALYTICS INC. - ONTARIO, CANADA Director: _____
 Name of Sampler: Employed By: _____
 Date/Time Sample Date/Time Sample Date Analyses
 Collected:13/12/11/1030 Received @ Lab:13/12/13/1245 Completed:13/12/24

=====

System	System
Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY	Number: 1910045
Name or Number of Sample Source:EASTSIDE PLANT - INFLUENT	

* User ID: 4TH	Station Number: 1910045-005 *
* Date/Time of Sample: 13 12 11 1030	Laboratory Code: 0013 *
* YY MM DD TTTT	YY MM DD *
* Date Analysis completed: 13 12 24	*
* Submitted by: _____	Phone #: _____ *

Page 1 of 1 REGULATED ORGANIC CHEMICALS

TEST	CHEMICAL	ENTRY	ANALYSES	MCL	DLR
METHOD	ALL CHEMICALS REPORTED ug/L	#	RESULTS	ug/L	ug/L
2,3,7,8-TCDD (Dioxin)	Units=picogram/L	34676	ND	30	5.00

Antelope Valley-East Kern Water Agency
LA System No. 1910045
TOC Removal Running Annual Average

Sample Date	Plant	Alkalinity mgCaCO3/L	Raw TOC mg/L	Treated TOC mg/L	Actual % TOC reduction	Required % TOC reduction	"TOC Removal Ratio" actual % /required %
1/9/2013	QHWTP	77.6	2.30	1.54	33.0	25	1.3
"	EWTP	80.9	1.87	1.25	33.2	25	1.3
"	AWTP	plant off					
2/13/2013	QHWTP	90.4	4.46	2.80	37.2	35	1.1
"	EWTP	89.2	4.77	3.01	36.9	35	1.1
"	AWTP	plant off					
3/13/2013	QHWTP	98.4	3.24	2.10	35.2	25	1.4
"	EWTP	98.4	3.74	2.50	33.2	25	1.3
"	AWTP	plant off					
4/10/2013	QHWTP	93.8	3.72	2.16	41.9	25	1.7
4/8/2013	EWTP	95.5	3.32	2.41	27.4	25	1.1
"	AWTP	plant off					
5/8/2013	QHWTP	87.5	2.82	1.67	40.8	25	1.6
"	EWTP	87.3	3.12	2.03	34.9	25	1.4
"	AWTP	plant off					
6/12/2013	QHWTP	87.1	2.87	1.76	38.7	25	1.5
"	EWTP	88.9	3.44	2.29	33.4	25	1.3
"	AWTP	plant off					
7/10/2013	QHWTP	82.9	3.27	1.84	43.7	25	1.7
7/9/2013	EWTP	85.6	3.53	2.29	35.1	25	1.4
"	AWTP	plant off					
8/14/2013	QHWTP	75.7	2.69	1.25	53.5	25	2.1
"	EWTP	74.5	2.85	1.70	40.4	25	1.6
"	AWTP	plant off					
9/11/2013	QHWTP	71.4	2.45	1.11	54.7	25	2.2
"	EWTP	72.5	2.57	1.48	42.4	25	1.7
"	AWTP	plant off					
10/9/2013	QHWTP	72.4	2.32	1.18	49.1	25	2.0
"	EWTP	72.8	2.49	1.44	42.2	25	1.7
"	AWTP	plant off					
11/13/2013	QHWTP	75.3	1.78	0.89	50.0	25	2.0
"	EWTP	77.8	1.96	1.30	33.7	25	1.3
"	AWTP	plant off					
12/11/2013	QHWTP	77.5	1.93	1.07	44.6	25	1.8
"	EWTP	76.7	2.29	1.36	40.6	25	1.6
"	AWTP	plant off					
Minimum		71.4	1.8	0.9	27.4		
Maximum		98.4	4.8	3.0	54.7		
RAA		82.9	2.9	1.8	39.8		

Running Annual Average (RAA) 1.6

Title 22 California Code of Regulations, Chapter 15.5, Article 5:

Required percent TOC reduction**

Table 64536.2-A	Source Water Alkalinity		
	0-60	<60 - 120	>120
Raw TOC			
>2.0 - 4.0	35.0 %	25.0 %	15.0 %
>4.0 - 8.0	45.0 %	35.0 %	25.0 %
>8.0	50.0 %	40.0 %	30.0 %

**If one or more of the section 64536.4(b) 1-6 conditions are met, the system may assign a monthly value of 1 for the TOC removal ratio in lieu of the calculated value. List condition when used:

1. The system's source water TOC level, prior to any treatment is less than or equal to 2.0 mg/L.
2. The system's treated water TOC level is less than or equal to 2.0 mg/L.
3. The system's source water SUVA, prior to any treatment, is less than or equal to 2.0 L/mg-m
4. The system's finished water SUVA is less than or equal to 2.0 L/mg-m
5. A system practicing softening removes at least 10 mg/L of magnesium hardness (as CaCO3)
6. A system practicing enhanced softening lowers alkalinity below 60 mg/L (as CaCO3)

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/01/25

Sample ID No.213

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Andrew Atrops

Employed By: AVER Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/01/09/0722

Received @ Lab: 13/01/09/1024

Completed: 13/01/10

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - INFLUENT

* User ID: 4TH

Station Number: 1910045-005

* Date/Time of Sample: |13|01|09|0722|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |13|01|10|

* Submitted by:

Phone #:

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value: |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	80.9	
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: |

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	1.87	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/02/25

Sample ID No.228

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Steve Horn

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/02/13/0650

Received @ Lab: 13/02/13/1000

Completed: 13/02/21

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - INFLUENT

* User ID: 4TH

Station Number: 1910045-005

* Date/Time of Sample: |13|02|13|0650|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|02|21| *

* Submitted by: _____

Phone #: _____ *

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	

mg/L Total Hardness (as CaCO3) (mg/L)

00900

mg/L Calcium (Ca) (mg/L)

00916

mg/L Magnesium (Mg) (mg/L)

00927

mg/L Sodium (NA) (mg/L)

00929

mg/L Potassium (K) (mg/L)

00937

| Total Cations Meq/L Value: |

mg/L Total Alkalinity (AS CaCO3) (mg/L)

00410

89.2

mg/L Hydroxide (OH) (mg/L)

71830

mg/L Carbonate (CO3) (mg/L)

00445

mg/L Bicarbonate (HCO3) (mg/L)

00440

* mg/L+ Sulfate (SO4) (mg/L)

00945

.5

* mg/L+ Chloride (Cl) (mg/L)

00940

45 mg/L Nitrate (as NO3) (mg/L)

71850

2.0

2 . mg/L Fluoride (F) (Natural-Source)

00951

.1

| Total Anions Meq/L Value: |

Std.Units+ PH (Laboratory) (Std.Units)

00403

*** umho/cm+ Specific Conductance (E.C.) (umhos/cm)

00095

**** mg/L+ Total Filterable Residue@180C(TDS) (mg/L)

70300

15 Units Apparent Color (Unfiltered) (Units)

00081

3 TON Odor Threshold at 60 C (TON)

00086

1.

5 NTU Lab Turbidity (NTU)

82079

0.5 mg/L+ MBAS (mg/L)

38260

* 250-500-600

** 0.6-1.7

*** 900-1600-2200

**** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	

mg/L	Total Organic Carbon (TOC) (mg/L)	00680	4.77	0.30
------	-----------------------------------	-------	------	------

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/03/26

Sample ID No.243

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Steve Horn

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/03/13/0645

Received @ Lab: 13/03/13/1014

Completed: 13/03/21

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - INFLUENT

* User ID: 4TH

Station Number: 1910045-005

* Date/Time of Sample: |13|03|13|0645|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |13|03|21|

* Submitted by:

Phone #:

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value: |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	98.4	
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: |

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	3.74	0.30
+ Indicates Secondary Drinking Water Standards					

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/04/30

Sample ID No.258

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Allen Morris

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/04/08/0602

Received @ Lab: 13/04/08/1023

Completed: 13/04/24

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - INFLUENT

* User ID: 4TH

Station Number: 1910045-005

* Date/Time of Sample: |13|04|08|0602|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |13|04|24|

* Submitted by: Phone #:

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value:

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	95.5	
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value:

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	3.32	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/05/17

Sample ID No.273

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Steve Horn

Employed By: AVER Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/05/08/0800

Received @ Lab: 13/05/08/1005

Completed: 13/05/16

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - INFLUENT

* User ID: 4TH

Station Number: 1910045-005 *

* Date/Time of Sample: |13|05|08|0800|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Submitted by:

Date Analysis completed: |13|05|16| *

Phone #: *

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value: |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	87.3	
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: |

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	3.12	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/06/27

Sample ID No.292

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Andrew Atrops

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/06/12/0716

Received @ Lab: 13/06/12/1050

Completed: 13/06/20

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - INFLUENT

* User ID: 4TH

Station Number: 1910045-005 *

* Date/Time of Sample: |13|06|12|0716|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Submitted by: _____

Date Analysis completed: |13|06|20| *

Phone #: _____ *

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value: _____ |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	88.9	
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: _____ |

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	3.44	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/07/22

Sample ID No.308

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Doug Paterson

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/07/09/0842

Received @ Lab: 13/07/09/1150

Completed: 13/07/16

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - INFLUENT

* User ID: 4TH

Station Number: 1910045-005

* Date/Time of Sample: |13|07|09|0842|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |13|07|16|

* Submitted by: _____

Phone #: _____

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value: |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	85.6	
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: |

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	3.53	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/08/19

Sample ID No.324

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Doug Paterson

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/08/14/0738

Received @ Lab: 13/08/14/0940

Completed: 13/08/16

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - INFLUENT

* User ID: 4TH

Station Number: 1910045-005 *

* Date/Time of Sample: |13|08|14|0738|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Submitted by: _____ Date Analysis completed: |13|08|16| *

Phone #: _____ *

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value: |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	74.5	
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: |

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	2.85	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/10/02

Sample ID No.340

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Doug Paterson

Employed By: AVER Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/09/11/0805

Received @ Lab:13/09/11/1030

Completed:13/09/20

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:EASTSIDE PLANT - INFLUENT

* User ID: 4TH

Station Number: 1910045-005

* Date/Time of Sample: |13|09|11|0805|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |13|09|20|

* Submitted by: _____

Phone #: _____

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value: |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	72.5	
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2 .	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: |

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	2.57	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/10/22

Sample ID No.356

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Steve Horn

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/10/09/0812

Received @ Lab: 13/10/09/1004

Completed: 13/10/18

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - INFLUENT

* User ID: 4TH

Station Number: 1910045-005 *

* Date/Time of Sample: |13|10|09|0812|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|10|18| *

* Submitted by: _____

Phone #: _____ *

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	

mg/L Total Hardness (as CaCO3) (mg/L)

00900

mg/L Calcium (Ca) (mg/L)

00916

mg/L Magnesium (Mg) (mg/L)

00927

mg/L Sodium (NA) (mg/L)

00929

mg/L Potassium (K) (mg/L)

00937

| Total Cations Meq/L Value: |

mg/L Total Alkalinity (AS CaCO3) (mg/L)

00410

72.8

mg/L Hydroxide (OH) (mg/L)

71830

mg/L Carbonate (CO3) (mg/L)

00445

mg/L Bicarbonate (HCO3) (mg/L)

00440

* mg/L+ Sulfate (SO4) (mg/L)

00945

.5

* mg/L+ Chloride (Cl) (mg/L)

00940

45 mg/L Nitrate (as NO3) (mg/L)

71850

2.0

2 . mg/L Fluoride (F) (Natural-Source)

00951

.1

| Total Anions Meq/L Value: |

Std.Units+ PH (Laboratory) (Std.Units)

00403

*** umho/cm+ Specific Conductance (E.C.) (umhos/cm)

00095

**** mg/L+ Total Filterable Residue@180C(TDS) (mg/L)

70300

15 Units Apparent Color (Unfiltered) (Units)

00081

3 TON Odor Threshold at 60 C (TON)

00086

1.

5 NTU Lab Turbidity (NTU)

82079

0.5 mg/L+ MBAS (mg/L)

38260

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	2.49	0.30
+ Indicates Secondary Drinking Water Standards					

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/11/21

Sample ID No.372

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Andrew Atrops

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/11/13/0650

Received @ Lab: 13/11/13/0930

Completed: 13/11/18

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - INFLUENT

* User ID: 4TH

Station Number: 1910045-005

* Date/Time of Sample: |13|11|13|0650|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |13|11|18|

* Submitted by:

Phone #:

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value: |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	77.8	
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2 .	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: |

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	1.96	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/12/26

Sample ID No.388

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Allen Morris

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/12/11/0820

Received @ Lab: 13/12/11/1100

Completed: 13/12/13

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: EASTSIDE PLANT - INFLUENT

* User ID: 4TH

Station Number: 1910045-005

* Date/Time of Sample: |13|12|11|0820|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |13|12|13|

* Submitted by: _____

Phone #: _____

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	

mg/L Total Hardness (as CaCO3) (mg/L)

00900

mg/L Calcium (Ca) (mg/L)

00916

mg/L Magnesium (Mg) (mg/L)

00927

mg/L Sodium (NA) (mg/L)

00929

mg/L Potassium (K) (mg/L)

00937

| Total Cations Meq/L Value:

mg/L Total Alkalinity (AS CaCO3) (mg/L)

00410

76.7

mg/L Hydroxide (OH) (mg/L)

71830

mg/L Carbonate (CO3) (mg/L)

00445

mg/L Bicarbonate (HCO3) (mg/L)

00440

* mg/L+ Sulfate (SO4) (mg/L)

00945

.5

* mg/L+ Chloride (Cl) (mg/L)

00940

45 mg/L Nitrate (as NO3) (mg/L)

71850

2.0

2 . mg/L Fluoride (F) (Natural-Source)

00951

.1

| Total Anions Meq/L Value:

Std.Units+ PH (Laboratory) (Std.Units)

00403

*** umho/cm+ Specific Conductance (E.C.) (umhos/cm)

00095

**** mg/L+ Total Filterable Residue@180C(TDS) (mg/L)

70300

15 Units Apparent Color (Unfiltered) (Units)

00081

3 TON Odor Threshold at 60 C (TON)

00086

1.

5 NTU Lab Turbidity (NTU)

82079

0.5 mg/L+ MBAS (mg/L)

38260

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Organic Carbon (TOC) (mg/L)	00680	2.29	0.30

+ Indicates Secondary Drinking Water Standards

QUARTZ HILL WATER TREATMENT PLANT

Plant Effluent
Finished Drinking Water
Monitoring Results



Date of Report: 13/01/22
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: AM/JL

Sample ID No.: 3A11012-02

Signature Lab
Director:

Date/Time Sample
Collected: 13/01/09 0805

Date/Time Sample
Received @ Lab: 01/11/13 09:20

Date Analyses
Completed: 13/01/21

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

User ID: 4TH

Station Number: 1910045-001

Date/Time of Sample: 13 | 01 | 09 | 08 | 05
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 01 | 21 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]----- Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

QCWR :



Date of Report: 13/03/14
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: SH/SN

Sample ID No.: 3B21014-02Signature Lab
Director: Date/Time Sample
Collected: 13/02/13 0835Date/Time Sample
Received @ Lab: 02/21/13 09:15Date Analyses
Completed: 13/03/04System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCYSystem Number: 1910045Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATEDUser ID: 4THStation Number: 1910045-001Date/Time of Sample: 13 | 02 | 13 | 08 | 35
YY MM DD TT TTLaboratory Code: 9588Date of Analyses Completed: 13 | 03 | 04 |
YY MM DDSubmitted By: Weck Laboratories, IncPhone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]----- Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

QCWR :



Date of Report: 13/04/02
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: KW/SH/TB/JL

Sample ID No.: 3C14010-02

Signature Lab
Director: 

Date/Time Sample
Collected: 13/03/13 0810

Date/Time Sample
Received @ Lab: 03/14/13 09:10

Date Analyses
Completed: 13/03/29

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCYSystem Number: 1910045Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATEDUser ID: 4THStation Number: 1910045-001

Date/Time of Sample: 13 | 03 | 13 | 08 | 10
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 03 | 29 |
YY MM DD

Submitted By: Weck Laboratories, IncPhone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]-----					
	Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

QCWR :



Weck Laboratories, Inc.

Analytical Laboratory Service - Since 1964

Date of Report: 13/05/13
Laboratory Name: Weck Laboratories, Inc.
Name of Sampler: AM/EK

Sample ID No.: 3D23015-02
Signature Lab Director:

Date/Time Sample Collected: 13/04/10 0900
Date/Time Sample Received @ Lab: 04/23/13 09:35
Date Analyses Completed: 13/04/30

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY
System Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

User ID: 4TH	Station Number: 1910045-001
Date/Time of Sample: 13 04 10 09 00 YY MM DD TT TT	Laboratory Code: 9588
	Date of Analyses Completed: 13 04 30 YY MM DD
Submitted By: Weck Laboratories, Inc	Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]-- Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

QCWR :



Date of Report: 13/05/22
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: SH/KW

Sample ID No.: 3E09007-02

Signature Lab
Director:

Date/Time Sample
Collected: 13/05/08 1005

Date/Time Sample
Received @ Lab: 05/09/13 09:15

Date Analyses
Completed: 13/05/21

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

User ID: 4TH

Station Number: 1910045-001

Date/Time of Sample: 13 | 05 | 08 | 10 | 05
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 05 | 21 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]----- Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

QCWR :



Date of Report: 13/07/01
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: Terry Brown, Kart White, Andrew Atrops

Sample ID No.: 3F13053-02
Signature Lab Director: 

Date/Time Sample Collected: 13/06/12 0903 Date/Time Sample Received @ Lab: 06/13/13 09:10 Date Analyses Completed: 13/06/24

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY System Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

User ID: 4TH Station Number: 1910045-001
Date/Time of Sample: | 13 | 06 | 12 | 09 | 03 Laboratory Code: 9588
YY MM DD TT TT
Date of Analyses Completed: | 13 | 06 | 24 |
YY MM DD
Submitted By: Weck Laboratories, Inc Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]----- Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

QCWR :



Weck Laboratories, Inc.

Analytical Laboratory Service - Since 1964

Date of Report: 13/08/13
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: DP/KW

Sample ID No.: 3G24023-02

Signature Lab
Director:

Date/Time Sample
Collected: 13/07/10 0908

Date/Time Sample
Received @ Lab: 07/24/13 09:25

Date Analyses
Completed: 13/08/07

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

User ID: 4TH

Station Number: 1910045-001

Date/Time of Sample: 13 | 07 | 10 | 09 | 08
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 08 | 07 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]-----					
	Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

QCWR :



Date of Report: 13/09/06
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: SH/EK

Sample ID No.: 3H20068-02
Signature Lab Director: *[Signature]*

Date/Time Sample Collected: 13/08/14 0900
Date/Time Sample Received @ Lab: 08/20/13 13:00
Date Analyses Completed: 13/08/30

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY
System Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

User ID: 4TH	Station Number: 1910045-001
Date/Time of Sample: 13 08 14 09 00 YY MM DD TT TT	Laboratory Code: 9588
	Date of Analyses Completed: 13 08 30 YY MM DD
Submitted By: Weck Laboratories, Inc	Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]-- Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

QCWR :



Weck Laboratories, Inc.

Analytical Laboratory Service - Since 1964

Date of Report: 13/10/02

Sample ID No.: 3112023-02

Laboratory Name: Weck Laboratories, Inc

Signature Lab

Name of Sampler: KW/SH/RR

Director:

Date/Time Sample

Collected: 13/09/11 0846

Date/Time Sample

Received @ Lab: 13/09/12 0945

Date Analyses

Completed: 13/09/30

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

User ID: 4TH

Station Number: 1910045-001

Date/Time of Sample: 13 | 09 | 11 | 08 | 46
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 09 | 30 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]-- Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

QCWR:



Date of Report: 13/11/29
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: SH/EK

Sample ID No.: 3K14071-02
Signature Lab Director:

Date/Time Sample Collected: 13/10/16 1010
Date/Time Sample Received @ Lab: 13/11/14 1000
Date Analyses Completed: 13/11/18

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY
System Number: 1910045
Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

User ID: 4TH	Station Number: 1910045-001
Date/Time of Sample: 13 10 16 10 10 YY MM DD TT TT	Laboratory Code: 9588
Date of Analyses Completed: 13 11 18 YY MM DD	
Submitted By: Weck Laboratories, Inc	Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]----- Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

QCWR :



Date of Report: 14/01/07
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: KWW/AM/MO

Sample ID No.: 3L12021-02
Signature Lab Director:

Date/Time Sample Collected: 13/12/11 1019
Date/Time Sample Received @ Lab: 13/12/12 0935
Date Analyses Completed: 13/12/24

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY
System Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

User ID: 4TH	Station Number: 1910045-001
Date/Time of Sample: 13 12 11 10 19 YY MM DD TT TT	Laboratory Code: 9588
	Date of Analyses Completed: 13 12 24 YY MM DD
Submitted By: Weck Laboratories, Inc	Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]----- Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

QCWR :

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/11/21

Sample ID No.0712

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Justin Livesay

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/11/20/0654

Received @ Lab: 13/11/20/0654

Completed: 13/11/21

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

* Date/Time of Sample: |13|11|20|0654|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |13|11|21|

* Submitted by:

Phone #:

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value: |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410		
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2 .	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: |

	Std.Units+	PH (Laboratory) (Std.Units)	00403		6.89
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		595
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081	<	5
3	TON	Odor Threshold at 60 C (TON)	00086	<	1
5	NTU	Lab Turbidity (NTU)	82079		0.02
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500



Date of Report: 14/01/14
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: SH/JL/RR

Sample ID No.: 3K21021-02
Signature Lab Director: *Alfred Pen*

Date/Time Sample Collected: 13/11/20 1245
Date/Time Sample Received @ Lab: 13/11/21 1000
Date Analyses Completed: 13/12/05

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY
System Number: 1910045
Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

User ID: 4TH	Station Number: 1910045-001
Date/Time of Sample: 13 11 20 12 45 YY MM DD TT TT	Laboratory Code: 9588
Date of Analyses Completed: 13 12 05 YY MM DD	
Submitted By: Weck Laboratories, Inc	Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Methyl tert-Butyl Ether(MTBE)	ug/L	46491	ND	5	3
	---[UNREGULATED ORGANIC CHEMICALS]---					
	Thiobencarb (BOLERO)	ug/L	A-001	ND	70	1
	Nitrite as Nitrogen(N) (ug/L)	ug/L	00620	ND	1000	400
	Cyanide (ug/L)	ug/L	01291	ND	150	100
	Perchlorate (ug/L)	ug/L	A-031	ND	6	4
	Chromium, hexavalent (CrVI) (ug/L)	ug/L	01032	1.1		1
	- Total Cations Meq/L Value:					
	Total Hardness (as CaCO3) (mg/L)	mg/L	00900	106		
	Calcium (Ca) (mg/L)	mg/L	00916	26.6		
	Magnesium (Mg) (mg/L)	mg/L	00927	9.59		
	Sodium (NA) (mg/L)	mg/L	00929	72		
	- Total Anions Meq/L Value:					
	Total Alkalinity (AS CaCO3) (mg/L)	mg/L	00410	63		
	Hydroxide (OH) (mg/L)	mg/L	71830	ND		
	Carbonate (CO3) (mg/L)	mg/L	00445	ND		
	Bicarbonate (HCO3) (mg/L)	mg/L	00440	77		
	Sulfate (SO4) (mg/L)	mg/L	00945	72	*	0.5
	Chloride (Cl) (mg/L)	mg/L	00940	93	*	
	Nitrate (as NO3) (mg/L)	mg/L	71850	4.2	45	2
	Fluoride (F) (Natural-Source)	mg/L	00951	0.11	2	0.1
	---[INORGANIC CHEMICALS]---					
	Total Filterable Residue@180C(TDS)(mg/L)	mg/L	70300	330	****	
	MBAS (mg/L)	mg/L	38260	ND	0.5	
	---[ADDITIONAL ANALYSES]---					



TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[ADDITIONAL ANALYSES]-----					
	Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50
	Antimony (ug/L)	ug/L	01097	ND	6	6
	Arsenic (As) (ug/L)	ug/L	01002	ND	10	2
	Barium (Ba) (ug/L)	ug/L	01007	ND	1000	100
	Beryllium (ug/L)	ug/L	01012	ND	4	1
	Cadmium (Cd) (ug/L)	ug/L	01027	ND	5	1
	Chromium (Total Cr) (ug/L)	ug/L	01034	ND	50	10
	Copper (Cu) (ug/L)	ug/L	01042	ND	1000	50
	Iron (Fe) (ug/L)	ug/L	01045	ND	300	100
	Manganese (Mn) (ug/L)	ug/L	01055	ND	50	20
	Mercury (Hg) (ug/L)	ug/L	71900	ND	2	1
	Nickel (ug/L)	ug/L	01067	ND	100	10
	Selenium (Se) (ug/L)	ug/L	01147	ND	50	5
	Silver (Ag) (ug/L)	ug/L	01077	ND	100	10
	Thallium (ug/L)	ug/L	01059	ND	2	1
	Zinc (Zn) (ug/L)	ug/L	01092	510	5000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

QCWR :

Antelope Valley-East Kern Water Agency
LA System No. 1910045
TOC Removal Running Annual Average

Sample Date	Plant	Alkalinity mgCaCO ₃ /L	Raw TOC mg/L	Treated TOC mg/L	Actual % TOC reduction	Required % TOC reduction	"TOC Removal Ratio" actual % /required %
1/9/2013	QHWTP	77.6	2.30	1.54	33.0	25	1.3
"	EWTP	80.9	1.87	1.25	33.2	25	1.3
"	AWTP	plant off					
2/13/2013	QHWTP	90.4	4.46	2.80	37.2	35	1.1
"	EWTP	89.2	4.77	3.01	36.9	35	1.1
"	AWTP	plant off					
3/13/2013	QHWTP	98.4	3.24	2.10	35.2	25	1.4
"	EWTP	98.4	3.74	2.50	33.2	25	1.3
"	AWTP	plant off					
4/10/2013	QHWTP	93.8	3.72	2.16	41.9	25	1.7
4/8/2013	EWTP	95.5	3.32	2.41	27.4	25	1.1
"	AWTP	plant off					
5/8/2013	QHWTP	87.5	2.82	1.67	40.8	25	1.6
"	EWTP	87.3	3.12	2.03	34.9	25	1.4
"	AWTP	plant off					
6/12/2013	QHWTP	87.1	2.87	1.76	38.7	25	1.5
"	EWTP	88.9	3.44	2.29	33.4	25	1.3
"	AWTP	plant off					
7/10/2013	QHWTP	82.9	3.27	1.84	43.7	25	1.7
7/9/2013	EWTP	85.6	3.53	2.29	35.1	25	1.4
"	AWTP	plant off					
8/14/2013	QHWTP	75.7	2.69	1.25	53.5	25	2.1
"	EWTP	74.5	2.85	1.70	40.4	25	1.6
"	AWTP	plant off					
9/11/2013	QHWTP	71.4	2.45	1.11	54.7	25	2.2
"	EWTP	72.5	2.57	1.48	42.4	25	1.7
"	AWTP	plant off					
10/9/2013	QHWTP	72.4	2.32	1.18	49.1	25	2.0
"	EWTP	72.8	2.49	1.44	42.2	25	1.7
"	AWTP	plant off					
11/13/2013	QHWTP	75.3	1.78	0.89	50.0	25	2.0
"	EWTP	77.8	1.96	1.30	33.7	25	1.3
"	AWTP	plant off					
12/11/2013	QHWTP	77.5	1.93	1.07	44.6	25	1.8
"	EWTP	76.7	2.29	1.36	40.6	25	1.6
"	AWTP	plant off					
Minimum		71.4	1.8	0.9	27.4		
Maximum		98.4	4.8	3.0	54.7		
RAA		82.9	2.9	1.8	39.8		

Running Annual Average (RAA) 1.6

Title 22 California Code of Regulations, Chapter 15.5, Article 5:

Required percent TOC reduction**

Raw TOC	Source Water Alkalinity		
	0-60	<60 - 120	>120
>2.0 - 4.0	35.0 %	25.0 %	15.0 %
>4.0 - 8.0	45.0 %	35.0 %	25.0 %
>8.0	50.0 %	40.0 %	30.0 %

**If one or more of the section 64536.4(b) 1-6 conditions are met, the system may assign a monthly value of 1 for the TOC removal ratio in lieu of the calculated value. List condition when used:

1. The system's source water TOC level, prior to any treatment is less than or equal to 2.0 mg/L
2. The system's treated water TOC level is less than or equal to 2.0 mg/L
3. The system's source water SUVA, prior to any treatment, is less than or equal to 2.0 L/mg-m
4. The system's finished water SUVA is less than or equal to 2.0 L/mg-m
5. A system practicing softening removes at least 10 mg/L of magnesium hardness (as CaCO₃)
6. A system practicing enhanced softening lowers alkalinity below 60 mg/L (as CaCO₃)

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/01/25

Sample ID No.220

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Kat White

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/01/09/0815

Received @ Lab: 13/01/09/0818

Completed: 13/01/10

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

*

* Date/Time of Sample: |13|01|09|0815|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

*

Date Analysis completed: |13|01|10| *

* Submitted by:

Phone #: *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	1.54	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/02/25

Sample ID No.235

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director: 

Name of Sampler: Kat White

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/02/13/0842

Received @ Lab: 13/02/13/0848

Completed: 13/02/21

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

*

* Date/Time of Sample: |13|02|13|0842|

Laboratory Code: 6080

*

*

YY MM DD TTTT

YY MM DD

*

*

Date Analysis completed: |13|02|21|

*

* Submitted by: _____

Phone #: _____

*

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	2.80	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/03/26

Sample ID No.250

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: John Laux

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/03/13/0752

Received @ Lab: 13/03/13/0825

Completed: 13/03/21

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

*

* Date/Time of Sample: |13|03|13|0752|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|03|21| *

* Submitted by: _____ Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	2.10	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/04/30

Sample ID No.265

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Erik Kane

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/04/10/0934

Received @ Lab:13/04/10/0934

Completed:13/04/24

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

*

* Date/Time of Sample: |13|04|10|0934|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

*

Date Analysis completed: |13|04|24| *

* Submitted by:

Phone #: *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	

mg/L	Total Organic Carbon (TOC) (mg/L)	00680		2.16	0.30
------	-----------------------------------	-------	--	------	------

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/05/17

Sample ID No.280

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Michelle Olsen

Employed By: AVER Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/05/08/1250

Received @ Lab:13/05/08/1251

Completed:13/05/09

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

* Date/Time of Sample: |13|05|08|1250|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|05|09| *

* Submitted by: _____ Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	1.67	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/06/27

Sample ID No.296

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director: 

Name of Sampler: Kat White

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/06/12/0855

Received @ Lab: 13/06/12/0905

Completed: 13/06/13

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

*

* Date/Time of Sample: |13|06|12|0855|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|06|13| *

* Submitted by: _____ Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	

mg/L	Total Organic Carbon (TOC)	(mg/L)	00680	1.76	0.30
------	----------------------------	--------	-------	------	------

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/07/22

Sample ID No.312

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Kat White

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/07/10/0905

Received @ Lab:13/07/10/0905

Completed:13/07/11

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

* Date/Time of Sample: |13|07|10|0905|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|07|11| *

* Submitted by: _____ Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	1.84	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/08/19

Sample ID No.328

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY Director:

Name of Sampler:Kat White

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/08/14/0902

Received @ Lab:13/08/14/0906

Completed:13/08/14

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001 *

* Date/Time of Sample: |13|08|14|0902|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|08|14| *

* Submitted by: _____ Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	

mg/L	Total Organic Carbon (TOC)	(mg/L)	00680	1.25	0.30
------	----------------------------	--------	-------	------	------

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/10/02

Sample ID No.344

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Kat White

Employed By: AVER Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/09/11/0840

Received @ Lab: 13/09/11/0845

Completed: 13/09/12

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

*

* Date/Time of Sample: |13|09|11|0840|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|09|12| *

* Submitted by: _____

Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	1.11	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/10/22

Sample ID No.360

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Michelle Olsen

Employed By: AVER Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/10/09/0909

Received @ Lab:13/10/09/0910

Completed:13/10/18

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

* Date/Time of Sample: |13|10|09|0909|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|10|18| *

* Submitted by: _____ Phone #: _____ *

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	1.18	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/11/21

Sample ID No.376

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Michelle Olsen

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/11/13/0906

Received @ Lab:13/11/13/0910

Completed:13/11/15

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

* Date/Time of Sample: |13|11|13|0906|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |13|11|15|

* Submitted by: _____ Phone #: _____

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	0.89	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/12/26

Sample ID No.392

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Michelle Olsen

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/12/11/1507

Received @ Lab:13/12/11/1510

Completed:13/12/12

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - CLEAR WELL - TREATED

* User ID: 4TH

Station Number: 1910045-001

*

* Date/Time of Sample: |13|12|11|1507|

Laboratory Code: 6080

*

* YY MM DD TTTT

YY MM DD

*

*

Date Analysis completed: |13|12|12|

*

* Submitted by:

Phone #:

*

PAGE 1 OF 1

ADDITIONAL ANALYSES

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	1.07	0.30

+ Indicates Secondary Drinking Water Standards

QUARTZ HILL WATER TREATMENT PLANT

Plant Influent
Untreated Source Water
Monitoring Results



Date of Report: 13/04/02
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: KW/SH/TB/JL

Sample ID No.: 3C14010-04
Signature Lab Director: 

Date/Time Sample Collected: 13/03/13 1310
Date/Time Sample Received @ Lab: 03/14/13 09:10
Date Analyses Completed: 13/03/14

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY
System Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - RAW

User ID: 4TH	Station Number: 1910045-002
Date/Time of Sample: 13 03 13 13 10 YY MM DD TT TT	Laboratory Code: 9588
	Date of Analyses Completed: 13 03 14 YY MM DD
Submitted By: Weck Laboratories, Inc	Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	- Total Anions Meq/L Value: Nitrate (as NO3) (mg/L)	mg/L	71850	5.2	45	2

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

Raw :



Date of Report: 13/07/01
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: Terry Brown, Kart White, Andrew Atrops

Sample ID No.: 3F13053-04Signature Lab
Director: Date/Time Sample
Collected: 13/06/12 0921Date/Time Sample
Received @ Lab: 06/13/13 09:10Date Analyses
Completed: 13/06/13System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCYSystem Number: 1910045Name or Number of Sample Source: QUARTZ HILL WTP - RAWUser ID: 4THStation Number: 1910045-002Date/Time of Sample: 13 | 06 | 12 | 09 | 21
YY MM DD TT TTLaboratory Code: 9588Date of Analyses Completed: 13 | 06 | 13 |
YY MM DDSubmitted By: Weck Laboratories, IncPhone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	- Total Anions Meq/L Value: Nitrate (as NO3) (mg/L)	mg/L	71850	ND	45	2

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

Raw :



Weck Laboratories, Inc.

Analytical Laboratory Service - Since 1964

Date of Report: 13/10/02

Sample ID No.: 3112023-04

Laboratory Name: Weck Laboratories, Inc

Signature Lab

Name of Sampler: KW/SH/RR

Director:

Date/Time Sample

Collected: 13/09/11 0832

Date/Time Sample

Received @ Lab: 13/09/12 0945

Date Analyses

Completed: 13/09/12

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - RAW

User ID: 4TH

Station Number: 1910045-002

Date/Time of Sample: 13/09/11/08/32
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13/09/12
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	- Total Anions Meq/L Value: Nitrate (as NO3) (mg/L)	mg/L	71850	ND	45	2

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

Raw :



Date of Report: 13/10/14
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: M.Olsen

Sample ID No.: 3112039-01

Signature Lab
Director:

Date/Time Sample
Collected: 13/09/11 1115

Date/Time Sample
Received @ Lab: 13/09/12 0945

Date Analyses
Completed: 13/09/30

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - RAW

User ID: 4TH

Station Number: 1910045-002

Date/Time of Sample: 13 | 09 | 11 | 11 | 15
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 09 | 30 |
YY MM DD

Submitted By: Weck Laboratories, Inc

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[UNREGULATED ORGANIC CHEMICALS]--					
	Dibromochloropropane (DBCP)	ug/L	38761	ND	0.2	0.01
	Ethylene Dibromide (EDB)	ug/L	77651	ND	0.05	0.02
508	Lindane (gamma-BHC)	ug/L	39340	ND	0.2	0.2
508	Methoxychlor	ug/L	39480	ND	30	10
	Molinate (ORDRAM)	ug/L	82199	ND	20	2
	Simazine (PRINCEP)	ug/L	39055	ND	4	1
	Thiobencarb (BOLERO)	ug/L	A-001	ND	70	1
	Alachlor (ALANEX)	ug/L	77825	ND	2	1
	Bentazon (BASAGRAN)	ug/L	38710	ND	18	2
	2,4,5-TP (SILVEX)	ug/L	39045	ND	50	1
531.1	Carbofuran (FURADAN)	ug/L	81405	ND	18	5
	Dalapon	ug/L	38432	ND	200	10
	Dinoseb (DNBP)	ug/L	81287	ND	7	2
549.2	Diquat	ug/L	78885	ND	20	4
	Di(2-ethylhexyl) Adipate	ug/L	A-026	ND	400	5
	Endothall	ug/L	38926	ND	100	45
	Glyphosate	ug/L	79743	ND	700	25
531.1	Oxamyl (Vydate)	ug/L	38865	ND	50	20
	Pentachlorophenol (PCP)	ug/L	39032	ND	1	0.2
	Picloram	ug/L	39720	ND	500	1
508	Polychlorinated Biphenyls, Total, as DCB	ug/L	39516	ND	0.5	0.5
531.1	Aldicarb (TEMIK)	ug/L	39053	ND		3
531.1	Aldicarb Sulfone	ug/L	A-020	ND		4
531.1	Aldicarb Sulfoxide	ug/L	A-019	ND		3



TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	Bromacil (HYVAR)	ug/L	82198	ND		10
	Butachlor	ug/L	77860	ND		0.38
531.1	Carbaryl (Sevin)	ug/L	77700	ND		5
508	Chlorothalonil (DACONIL, BRAVO)	ug/L	70314	ND		5
	DCPA (total di & mono acid degradates)	ug/L	A-045	ND		
	Diazinon	ug/L	39570	ND		
	Dicamba (BANVEL)	ug/L	82052	ND		1.5
531.1	3-Hydroxycarbofuran	ug/L	A-021	ND		3
531.1	Methomyl	ug/L	39051	ND		2
	Metribuzin	ug/L	81408	ND		
	Prometryn (CAPAROL)	ug/L	39057	ND		2
508	Propachlor	ug/L	38533	ND		0.5
	Terbacil	ug/L	38882	ND		
508	PCB-1016 (as decachlorobiphenyl (DCB))	ug/L	34671	ND	0.5	0.5
508	PCB-1221 (as DCB)	ug/L	39488	ND	0.5	0.5
508	PCB-1232 (as DCB)	ug/L	39492	ND	0.5	0.5
508	PCB-1242 (as DCB)	ug/L	39496	ND	0.5	0.5
508	PCB-1248 (as DCB)	ug/L	39500	ND	0.5	0.5
508	PCB-1254 (as DCB)	ug/L	39504	ND	0.5	0.5
508	PCB-1260 (as DCB)	ug/L	39508	ND	0.5	0.5
	EPA Test Method 525.2					
	Metolachlor	ug/L	39356	ND		
	EPA Test Method 527					
	Dimethoate (CYGON)	ug/L	38458	ND		

	Aciflufen	ug/L	79193	ND		
	Atrazine (AATREX)	ug/L	39033	ND	3	1
	Captan (Captane)	ug/L	39640	ND		0.1
	Carbophenothion (TRITHION)	ug/L	39786	ND		
	Chloropropham (CIPC)	ug/L	81322	ND		
	Cyanazine (BLADEx)	ug/L	81757	ND		
	2,4-D	ug/L	39730	ND	70	10
	2,4-DB	ug/L	38746	ND		
508	4,4-DDD	ug/L	39310	ND		0.02
508	4,4-DDE	ug/L	39320	ND		0.01
508	4,4-DDT	ug/L	39300	ND		0.02
508	delta-BHC	ug/L	34259	ND		0.5
	Dichlorprop	ug/L	82356	ND		
	Diphenamide (ENIDE)	ug/L	78004	ND		100
	Disulfoton	ug/L	81888	ND		
	EPTC (EPTAM)	ug/L	81894	ND		
531.1	Methiocarb (MESUROL)	ug/L	38500	ND		
	Prometon (PROMITOL)	ug/L	39056	ND		
531.1	Propoxur (BAYGON)	ug/L	38537	ND		



TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
508	2,4,5-T Trifluralin (TREFLAN)	ug/L ug/L	39740 81284	ND ND	10	
508	--[ACID EXTRACTANTS]-- Aldrin (*)	ug/L	39330	ND		0.075
508	Benzo (a) Pyrene (*)	ug/L	34247	ND	0.2	0.1
508	beta-BHC	ug/L	39338	ND		0.05
508	Chlordane (*)	ug/L	39350	ND	0.1	0.1
508	Diethylhexylphthalate (DEHP) (*)	ug/L	39100	ND	4	3
508	Dieldrin (*)	ug/L	39380	ND		0.02
508	Endosulfan Sulfate	ug/L	34351	ND		0.05
508	Endrin Aldehyde	ug/L	34366	ND		0.05
508	Heptachlor (*)	ug/L	39410	ND	0.01	0.01
508	Heptachlor Epoxide (*)	ug/L	39420	ND	0.01	0.01
508	Hexachlorobenzene (*)	ug/L	39700	ND	1	0.5
508	Toxaphene (*)	ug/L	39400	ND	3	1
508	--[NITROSAMINES]-- alpha-BHC	ug/L	39337	ND		0.01
508	Endosulfan I	ug/L	34361	ND		0.01
508	Endosulfan II	ug/L	34356	ND		0.01
508	Endrin (*)	ug/L	39390	ND	2	0.1
508	Hexachlorocyclopentadiene (*)	ug/L	34386	ND	50	1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

Raw :

ORGANIC CHEMICAL ANALYSIS (9/99)

Date of Report: 13/10/15

Sample ID No.B3G1267-TE6406-01

Laboratory

Signature Lab

Ivana Vukovic

2013.10.15 09:34:31

-04'00'

Name: MAXXAM ANALYTICS INC. - ONTARIO, CANADA Director:

Name of Sampler:

Employed By:

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/09/11/1115

Received @ Lab:13/10/08/0159

Completed:13/10/08

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - RAW

User ID: 4TH

Station Number: 1910045-002 *

Date/Time of Sample: |13|09|11|1115|

Laboratory Code: 0013 *

YY MM DD TTTT

YY MM DD *

Date Analysis completed: |13|10|08| *

Submitted by:_____

Phone #:_____ *

Page 1 of 1

REGULATED ORGANIC CHEMICALS

TEST	CHEMICAL	ENTRY	ANALYSES	MCL	DLR
METHOD	ALL CHEMICALS REPORTED ug/L	#	RESULTS	ug/L	ug/L
2,3,7,8-TCDD (Dioxin) Units=picogram/L					
		34676		ND	30 5.00

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/11/21

Sample ID No.717

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Justin Livesay

Employed By: AVER Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/11/20/1125

Received @ Lab: 13/11/20/1125

Completed: 13/11/20

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - RAW

* User ID: 4TH

Station Number: 1910045-002

* Date/Time of Sample: |13|11|20|1125|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|11|20| *

* Submitted by: _____

Phone #: _____

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value: |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410		
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: |

	Std.Units+	PH (Laboratory) (Std.Units)	00403	8.09	
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095	573	
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079	0.80	
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500



Date of Report: 14/01/14
Laboratory Name: Weck Laboratories, Inc
Name of Sampler: SH/JL/RR

Sample ID No.: 3K21021-04

Signature Lab
Director: 

Date/Time Sample
Collected: 13/11/20 1255

Date/Time Sample
Received @ Lab: 13/11/21 1000

Date Analyses
Completed: 13/12/05

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCYSystem Number: 1910045Name or Number of Sample Source: QUARTZ HILL WTP - RAWUser ID: 4THStation Number: 1910045-002

Date/Time of Sample: 13 | 11 | 20 | 12 | 55
YY MM DD TT TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 12 | 05 |
YY MM DD

Submitted By: Weck Laboratories, IncPhone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Total Trihalomethanes (TTHMs)	ug/L	82080	ND	80	
524.2	Bromodichloromethane	ug/L	32101	ND		1
524.2	Bromoform	ug/L	32104	ND		1
524.2	Chloroform (Trichloromethane)	ug/L	32106	ND		1
524.2	Dibromochloromethane	ug/L	32105	ND		1
524.2	Benzene	ug/L	34030	ND	1	0.5
524.2	Carbon Tetrachloride	ug/L	32102	ND	0.5	0.5
524.2	1,2-Dichlorobenzene (o-DCB)	ug/L	34536	ND	600	0.5
524.2	1,4-Dichlorobenzene (p-DCB)	ug/L	34571	ND	5	0.5
524.2	1,1-Dichloroethane (1,1-DCA)	ug/L	34496	ND	5	0.5
524.2	1,2-Dichloroethane (1,2-DCA)	ug/L	34531	ND	0.5	0.5
524.2	1,1-Dichloroethylene (1,1-DCE)	ug/L	34501	ND	6	0.5
524.2	cis-1,2-Dichloroethylene (c-1,2-DCE)	ug/L	77093	ND	6	0.5
524.2	trans-1,2-Dichloroethylene (t-1,2-DCE)	ug/L	34546	ND	10	0.5
524.2	Dichloromethane (Methylene Chloride)	ug/L	34423	ND	5	0.5
524.2	1,2-Dichloropropane	ug/L	34541	ND	5	0.5
524.2	Total 1,3-Dichloropropane	ug/L	34561	ND	0.5	0.5
524.2	Ethyl Benzene	ug/L	34371	ND	300	0.5
524.2	Methyl tert-Butyl Ether(MTBE)	ug/L	46491	ND	5	3
524.2	Monochlorobenzene (Chlorobenzene)	ug/L	34301	ND	70	0.5
524.2	Styrene	ug/L	77128	ND	100	0.5
524.2	1,1,2,2-Tetrachloroethane	ug/L	34516	ND	1	0.5
524.2	Tetrachloroethylene (PCE)	ug/L	34475	ND	5	0.5



TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	Toluene	ug/L	34010	ND	150	0.5
524.2	1,2,4-Trichlorobenzene	ug/L	34551	ND	5	0.5
524.2	1,1,1-Trichloroethane (1,1,1-TCA)	ug/L	34506	ND	200	0.5
524.2	1,1,2-Trichloroethane (1,1,2-TCA)	ug/L	34511	ND	5	0.5
524.2	Trichloroethylene (TCE)	ug/L	39180	ND	5	0.5
524.2	Trichlorofluoromethane (FREON 11)	ug/L	34488	ND	150	5
524.2	Trichlorotrifluoroethane (FREON 113)	ug/L	81611	ND	1200	10
524.2	Vinyl Chloride (VC)	ug/L	39175	ND	0.5	0.5
524.2	m,p-Xylene	ug/L	A-014	ND		0.5
524.2	o-Xylene	ug/L	77135	ND		0.5
524.2	Total Xylenes (m,p, & o)	ug/L	81551	ND	1750	
524.2	tert-Amyl Methyl Ether (TAME)	ug/L	A-034	ND		3
524.2	Bromobenzene	ug/L	81555	ND		0.5
524.2	Bromochloromethane	ug/L	A-012	ND		0.5
524.2	Bromomethane (Methyl Bromide)	ug/L	34413	ND		0.5
524.2	n-Butylbenzene	ug/L	A-010	ND		0.5
524.2	sec-Butylbenzene	ug/L	77350	ND		0.5
524.2	tert-Butylbenzene	ug/L	77353	ND		0.5
524.2	Chloroethane	ug/L	34311	ND		0.5
524.2	2-Chloroethylvinyl Ether	ug/L	34576	ND		
524.2	Chloromethane (Methyl Chloride)	ug/L	34418	ND		0.5
524.2	2-Chlorotoluene	ug/L	A-008	ND		0.5
524.2	4-Chlorotoluene	ug/L	A-009	ND		0.5
524.2	Dibromomethane	ug/L	77596	ND		0.5
524.2	1,3-Dichlorobenzene (m-DCB)	ug/L	34566	ND		0.5
524.2	Dichlorodifluoromethane (Freon 12)	ug/L	34668	ND		0.5
524.2	1,3-Dichloropropane	ug/L	77173	ND		0.5
524.2	2,2-Dichloropropane	ug/L	77170	ND		0.5
524.2	1,1-Dichloropropene	ug/L	77168	ND		0.5
524.2	Diisopropyl Ether (DIPE)	ug/L	A-036	ND		3
524.2	Ethyl tert-Butyl Ether (ETBE)	ug/L	A-033	ND		3
524.2	Hexachlorobutadiene	ug/L	34391	ND		0.5
524.2	Isopropylbenzene (Cumene)	ug/L	77223	ND		0.5
524.2	p-Isopropyltoluene	ug/L	A-011	ND		
524.2	Naphthalene	ug/L	34696	ND		0.5
524.2	n-Propylbenzene	ug/L	77224	ND		0.5
524.2	1,1,1,2-Tetrachloroethane	ug/L	77562	ND		0.5
524.2	1,2,3-Trichlorobenzene	ug/L	77613	ND		0.5
524.2	1,2,4-Trimethylbenzene	ug/L	77222	ND		0.5
524.2	1,3,5-Trimethylbenzene	ug/L	77226	ND		0.5
524.2	Methyl Ethyl Ketone (MEK, Butanone)	ug/L	81595	ND		5
524.2	Methyl Isobutyl Ketone (MIBK)	ug/L	81596	ND		5



TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
524.2	cis-1,3-Dichloropropene (D-D)	ug/L	34704	ND	0.5	
524.2	trans-1,3-Dichloropropene	ug/L	34699	ND	0.5	
	Nitrite as Nitrogen(N) (ug/L)	ug/L	00620	ND	1000	400
	Cyanide (ug/L)	ug/L	01291	ND	150	100
	Perchlorate (ug/L)	ug/L	A-031	ND	6	4
	Chromium, hexavalent (CrVI) (ug/L)	ug/L	01032	1.1		1
	- Total Cations Meq/L Value:					
	Total Hardness (as CaCO3) (mg/L)	mg/L	00900	106		
	Calcium (Ca) (mg/L)	mg/L	00916	25.4		
	Magnesium (Mg) (mg/L)	mg/L	00927	10.4		
	Sodium (NA) (mg/L)	mg/L	00929	71		
	- Total Anions Meq/L Value:					
	Total Alkalinity (AS CaCO3) (mg/L)	mg/L	00410	84		
	Hydroxide (OH) (mg/L)	mg/L	71830	ND		
	Carbonate (CO3) (mg/L)	mg/L	00445	ND		
	Bicarbonate (HCO3) (mg/L)	mg/L	00440	100		
	Sulfate (SO4) (mg/L)	mg/L	00945	49	*	0.5
	Chloride (Cl) (mg/L)	mg/L	00940	99	*	
	Fluoride (F) (Natural-Source)	mg/L	00951	0.14	2	0.1
	--[INORGANIC CHEMICALS]-----					
	Total Filterable Residue@180C(TDS)(mg/L)	mg/L	70300	320	****	
	MBAS (mg/L)	mg/L	38260	ND	0.5	
	--[ADDITIONAL ANALYSES]-----					
	Aluminum (Al) (ug/L)	ug/L	01105	ND	1000	50
	Antimony (ug/L)	ug/L	01097	ND	6	6
	Arsenic (As) (ug/L)	ug/L	01002	4.3	10	2
	Barium (Ba) (ug/L)	ug/L	01007	ND	1000	100
	Beryllium (ug/L)	ug/L	01012	ND	4	1
	Cadmium (Cd) (ug/L)	ug/L	01027	ND	5	1
	Chromium (Total Cr) (ug/L)	ug/L	01034	ND	50	10
	Copper (Cu) (ug/L)	ug/L	01042	ND	1000	50
	Iron (Fe) (ug/L)	ug/L	01045	ND	300	100
	Manganese (Mn) (ug/L)	ug/L	01055	ND	50	20
	Mercury (Hg) (ug/L)	ug/L	71900	ND	2	1
	Nickel (ug/L)	ug/L	01067	ND	100	10
	Selenium (Se) (ug/L)	ug/L	01147	ND	50	5
	Silver (Ag) (ug/L)	ug/L	01077	ND	100	10
	Thallium (ug/L)	ug/L	01059	ND	2	1
	Zinc (Zn) (ug/L)	ug/L	01092	ND	5000	50

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

Raw :



Date of Report: 14/02/27
Laboratory Name: Weck Laboratories, Inc.
Name of Sampler: KWWW/AM/MO

Sample ID No.: 3L12021-04

Signature Lab
Director:

Date/Time Sample
Collected: 13/12/11 1030

Date/Time Sample
Received @ Lab: 13/12/12 0935

Date Analyses
Completed: 13/12/27

System Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

System Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - RAW

User ID: 4TH

Station Number: 1910045-002

Date/Time of Sample: 13 | 12 | 11 | 10 | 30
YY MM DD TT

Laboratory Code: 9588

Date of Analyses Completed: 13 | 12 | 27 |
YY MM DD

Submitted By: Weck Laboratories, Inc.

Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	--[UNREGULATED ORGANIC CHEMICALS]-----					
	Dibromochloropropane (DBCP)	ug/L	38761	ND	0.2	0.01
	Ethylene Dibromide (EDB)	ug/L	77651	ND	0.05	0.02
508	Lindane (gamma-BHC)	ug/L	39340	ND	0.2	0.2
508	Methoxychlor	ug/L	39480	ND	30	10
	Molinate (ORDRAM)	ug/L	82199	ND	20	2
	Simazine (PRINCEP)	ug/L	39055	ND	4	1
	Thiobencarb (BOLERO)	ug/L	A-001	ND	70	1
	Alachlor (ALANEX)	ug/L	77825	ND	2	1
	Bentazon (BASAGRAN)	ug/L	38710	ND	18	2
	2,4,5-TP (SILVEX)	ug/L	39045	ND	50	1
531.1	Carbofuran (FURADAN)	ug/L	81405	ND	18	5
	Dalapon	ug/L	38432	ND	200	10
	Dinoseb (DNBP)	ug/L	81287	ND	7	2
549.2	Diquat	ug/L	78885	ND	20	4
	Di(2-ethylhexyl) Adipate	ug/L	A-026	ND	400	5
	Endothall	ug/L	38926	ND	100	45
	Glyphosate	ug/L	79743	ND	700	25
531.1	Oxamyl (Vydate)	ug/L	38865	ND	50	20
	Pentachlorophenol (PCP)	ug/L	39032	ND	1	0.2
	Picloram	ug/L	39720	ND	500	1
508	Polychlorinated Biphenyls, Total, as DCB	ug/L	39516	ND	0.5	0.5
531.1	Aldicarb (TEMIK)	ug/L	39053	ND		3
531.1	Aldicarb Sulfone	ug/L	A-020	ND		4
531.1	Aldicarb Sulfoxide	ug/L	A-019	ND		3



TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	Bromacil (HYVAR)	ug/L	82198	ND		10
	Butachlor	ug/L	77860	ND		0.38
531.1	Carbaryl (Sevin)	ug/L	77700	ND		5
508	Chlorothalonil (DACONIL, BRAVO)	ug/L	70314	ND		5
	DCPA (total di & mono acid degradates)	ug/L	A-045	0.17		
	Diazinon	ug/L	39570	ND		
	Dicamba (BANVEL)	ug/L	82052	ND		1.5
531.1	3-Hydroxycarbofuran	ug/L	A-021	ND		3
531.1	Methomyl	ug/L	39051	ND		2
	Metribuzin	ug/L	81408	ND		
	Prometryn (CAPAROL)	ug/L	39057	ND		2
508	Propachlor	ug/L	38533	ND		0.5
	Terbacil	ug/L	38882	ND		
508	PCB-1016 (as decachlorobiphenyl (DCB))	ug/L	34671	ND	0.5	0.5
508	PCB-1221 (as DCB)	ug/L	39488	ND	0.5	0.5
508	PCB-1232 (as DCB)	ug/L	39492	ND	0.5	0.5
508	PCB-1242 (as DCB)	ug/L	39496	ND	0.5	0.5
508	PCB-1248 (as DCB)	ug/L	39500	ND	0.5	0.5
508	PCB-1254 (as DCB)	ug/L	39504	ND	0.5	0.5
508	PCB-1260 (as DCB)	ug/L	39508	ND	0.5	0.5
	EPA Test Method 525.2					
	Metolachlor	ug/L	39356	ND		
	EPA Test Method 527					
	Dimethoate (CYGON)	ug/L	38458	ND		
	=====					
	Aciflurfen	ug/L	79193	ND		
	Atrazine (AATREX)	ug/L	39033	ND	3	1
	Captan (Captane)	ug/L	39640	ND		0.1
	Carbophenothion (TRITHION)	ug/L	39786	ND		
	Chloropropham (CIPC)	ug/L	81322	ND		
	Cyanazine (BLADEX)	ug/L	81757	ND		
	2,4-D	ug/L	39730	ND	70	10
	2,4-DB	ug/L	38746	ND		
508	4,4-DDD	ug/L	39310	ND		0.02
508	4,4-DDE	ug/L	39320	ND		0.01
508	4,4-DDT	ug/L	39300	ND		0.02
508	delta-BHC	ug/L	34259	ND		0.5
	Dichlorprop	ug/L	82356	ND		
	Diphenamide (ENIDE)	ug/L	78004	ND		100
	Disulfoton	ug/L	81888	ND		
	EPTC (EPTAM)	ug/L	81894	ND		
531.1	Methiocarb (MESUROL)	ug/L	38500	ND		
	Prometon (PROMITOL)	ug/L	39056	ND		
531.1	Propoxur (BAYGON)	ug/L	38537	ND		



TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	2,4,5-T	ug/L	39740	ND	10	
508	Trifluralin (TREFLAN)	ug/L	81284	ND		
	Nitrite as Nitrogen(N) (ug/L)	ug/L	00620	ND	1000	400
	- Total Anions Meq/L Value: Nitrate (as NO3) (mg/L)	mg/L	71850	3.6	45	2
	--[ACID EXTRACTANTS]-----					
508	Aldrin (*)	ug/L	39330	ND		0.075
	Benzo (a) Pyrene (*)	ug/L	34247	ND	0.2	0.1
508	beta-BHC	ug/L	39338	ND		0.05
508	Chlordane (*)	ug/L	39350	ND	0.1	0.1
	Diethylhexylphthalate (DEHP) (*)	ug/L	39100	ND	4	3
508	Dieldrin (*)	ug/L	39380	ND		0.02
508	Endosulfan Sulfate	ug/L	34351	ND		0.05
508	Endrin Aldehyde	ug/L	34366	ND		0.05
508	Heptachlor (*)	ug/L	39410	ND	0.01	0.01
508	Heptachlor Epoxide (*)	ug/L	39420	ND	0.01	0.01
508	Hexachlorobenzene (*)	ug/L	39700	ND	1	0.5
508	Toxaphene (*)	ug/L	39400	ND	3	1
	--[NITROSAMINES]-----					
508	alpha-BHC	ug/L	39337	ND		0.01
508	Endosulfan I	ug/L	34361	ND		0.01
508	Endosulfan II	ug/L	34356	ND		0.01
508	Endrin (*)	ug/L	39390	ND	2	0.1
508	Hexachlorocyclopentadiene (*)	ug/L	34386	ND	50	1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will **NOT** be transmitted to CDPH via EDT):

Raw :

RADIO CHEMICALS ANALYSIS

Date of Report : February 06, 2014 Sample ID : SP 1313288-001
 Laboratory Name : **FGL Environmental** Approved By **Kelly A. Dunnahoo, B.S.**
 Sampled On : 12/11/2013-10:30
 Received On : 12/13/2013-11:30 Sampler : kww
 Completed On : 12/22/2013 Employed By : AVEK

Digitally signed by Kelly A. Dunnahoo, B.S.
 Title: Laboratory Director
 Date: 2014-02-06

System Name : ANTELOPE VALLEY-EAST KERN Number : 1910045-002 **EDT**
 WATER AGENCY

Name Or Number of Sample Source : QUARTZ HILL WTP - RAW

User ID : 4TH	Station Number : 1910045-002
Date/Time of Sample : 1312111030	Laboratory Code : 5 8 6 7
YYMMDDTTTT	
Submitted By : FGL Environmental	Phone # : (805) 392-2000

RADIOLOGICAL

MCL	UNITS	CHEMICALS	ENTRY	RESULT	DLR
2	pCi/L	Radium 228	11501	0.000	1
	pCi/L	Radium 228 Counting Error	11502	± 0.485	
	pCi/L	Radium 228 MDA95	A-075	0.200	
3	pCi/L	Ra-226 or Total Ra by 903.0	A-080	0.000	1
	pCi/L	Ra-226 or Total Ra by 903.0 C.E.	A-081	± 0.208	
	pCi/L	Ra-226 or Total Ra by 903.0 MDA95	A-082	0.418	

MCL - Maximum Contaminant Level,

DLR -Detection Limit for Reporting Purpose,

ND - Not Detected at or above DLR

ORGANIC CHEMICAL ANALYSIS (9/99)

Date of Report: 14/01/24

Sample ID No.B3L6125-UH1302-01

Laboratory

Signature Lab

Name: MAXXAM ANALYTICS INC. - ONTARIO, CANADA Director: Ivana Vukovic

Jan 24 2014 8:48 AM

Name of Sampler:

Employed By:

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/12/11/1030

Received @ Lab:13/12/13/1245

Completed:13/12/24

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - RAW

* User ID: 4TH

Station Number: 1910045-002 *

* Date/Time of Sample: |13|12|11|1030|

Laboratory Code: 0013 *

* YY MM DD TTTT

YY MM DD *

*

Date Analysis completed: |13|12|24| *

* Submitted by: _____

Phone #: _____ *

Page 1 of 1

REGULATED ORGANIC CHEMICALS

TEST	CHEMICAL	ENTRY	ANALYSES	MCL	DLR
METHOD	ALL CHEMICALS REPORTED ug/L	#	RESULTS	ug/L	ug/L
2,3,7,8-TCDD (Dioxin)	Units=picogram/L	34676	ND	30	5.00

Antelope Valley-East Kern Water Agency
LA System No. 1910045
TOC Removal Running Annual Average

Sample Date	Plant	Alkalinity mgCaCO ₃ /L	Raw TOC mg/L	Treated TOC mg/L	Actual % TOC reduction	Required % TOC reduction	"TOC Removal Ratio" actual % / required %
1/9/2013	QHWTP	77.6	2.30	1.54	33.0	25	1.3
"	EWTP	80.9	1.87	1.25	33.2	25	1.3
"	AWTP	plant off					
2/13/2013	QHWTP	90.4	4.46	2.80	37.2	35	1.1
"	EWTP	89.2	4.77	3.01	36.9	35	1.1
"	AWTP	plant off					
3/13/2013	QHWTP	98.4	3.24	2.10	35.2	25	1.4
"	EWTP	98.4	3.74	2.50	33.2	25	1.3
"	AWTP	plant off					
4/10/2013	QHWTP	93.8	3.72	2.16	41.9	25	1.7
4/8/2013	EWTP	95.5	3.32	2.41	27.4	25	1.1
"	AWTP	plant off					
5/8/2013	QHWTP	87.5	2.82	1.67	40.8	25	1.6
"	EWTP	87.3	3.12	2.03	34.9	25	1.4
"	AWTP	plant off					
6/12/2013	QHWTP	87.1	2.87	1.76	38.7	25	1.5
"	EWTP	88.9	3.44	2.29	33.4	25	1.3
"	AWTP	plant off					
7/10/2013	QHWTP	82.9	3.27	1.84	43.7	25	1.7
7/9/2013	EWTP	85.6	3.53	2.29	35.1	25	1.4
"	AWTP	plant off					
8/14/2013	QHWTP	75.7	2.69	1.25	53.5	25	2.1
"	EWTP	74.5	2.85	1.70	40.4	25	1.6
"	AWTP	plant off					
9/11/2013	QHWTP	71.4	2.45	1.11	54.7	25	2.2
"	EWTP	72.5	2.57	1.48	42.4	25	1.7
"	AWTP	plant off					
10/9/2013	QHWTP	72.4	2.32	1.18	49.1	25	2.0
"	EWTP	72.8	2.49	1.44	42.2	25	1.7
"	AWTP	plant off					
11/13/2013	QHWTP	75.3	1.78	0.89	50.0	25	2.0
"	EWTP	77.8	1.96	1.30	33.7	25	1.3
"	AWTP	plant off					
12/11/2013	QHWTP	77.5	1.93	1.07	44.6	25	1.8
"	EWTP	76.7	2.29	1.36	40.6	25	1.6
"	AWTP	plant off					
Minimum		71.4	1.8	0.9	27.4		
Maximum		98.4	4.8	3.0	54.7		
RAA		82.9	2.9	1.8	39.8		

Running Annual Average (RAA) 1.6

Title 22 California Code of Regulations, Chapter 15.5, Article 5:

Required percent TOC reduction**

Table 64536.2-A		Source Water Alkalinity	
Raw TOC		<60 - 120	>120
>2.0 - 4.0	35.0 %	25.0 %	15.0 %
>4.0 - 8.0	45.0 %	35.0 %	25.0 %
>8.0	50.0 %	40.0 %	30.0 %

**If one or more of the section 64636.4(b) 1-6 conditions are met, the system may assign a monthly value of 1 for the TOC removal ratio in lieu of the calculated value. List condition when used:

1. The system's source water TOC level, prior to any treatment is less than or equal to 2.0 mg/L
2. The system's treated water TOC level is less than or equal to 2.0 mg/L
3. The system's source water SUVA, prior to any treatment, is less than or equal to 2.0 L/mg-m
4. The system's finished water SUVA is less than or equal to 2.0 L/mg-m
5. A system practicing softening removes at least 10 mg/L of magnesium hardness (as CaCO₃)
6. A system practicing enhanced softening lowers alkalinity below 60 mg/L (as CaCO₃)

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/01/25

Sample ID No.221

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Kat White

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/01/09/0810

Received @ Lab: 13/01/09/0818

Completed: 13/01/10

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - RAW

* User ID: 4TH

Station Number: 1910045-002

* Date/Time of Sample: |13|01|09|0810|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |13|01|10|

* Submitted by:

Phone #:

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value: |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	77.6	
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2 .	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: |

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	2.30	0.30
+ Indicates Secondary Drinking Water Standards					

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/02/25

Sample ID No.236

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Kat White

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/02/13/0847

Received @ Lab: 13/02/13/0848

Completed: 13/02/21

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - RAW

* User ID: 4TH

Station Number: 1910045-002

* Date/Time of Sample: |13|02|13|0847|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|02|21| *

* Submitted by: _____

Phone #: _____ *

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value: |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	90.4	
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: |

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	4.46	0.30
+ Indicates Secondary Drinking Water Standards					

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/03/26

Sample ID No.251

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: John Laux

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/03/13/0752

Received @ Lab: 13/03/13/0825

Completed: 13/03/21

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - RAW

* User ID: 4TH

Station Number: 1910045-002

* Date/Time of Sample: |13|03|13|0752|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |13|03|21|

* Submitted by:

Phone #:

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value: |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	98.4	
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: |

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	3.24	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/04/30

Sample ID No.266

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Erik Kane

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/04/10/0933

Received @ Lab:13/04/10/0934

Completed:13/04/24

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - RAW

* User ID: 4TH

Station Number: 1910045-002

* Date/Time of Sample: |13|04|10|0933|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|04|24| *

* Submitted by: _____ Phone #: _____ *

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	

mg/L Total Hardness (as CaCO3) (mg/L)

00900

mg/L Calcium (Ca) (mg/L)

00916

mg/L Magnesium (Mg) (mg/L)

00927

mg/L Sodium (NA) (mg/L)

00929

mg/L Potassium (K) (mg/L)

00937

| Total Cations Meq/L Value: |

mg/L Total Alkalinity (AS CaCO3) (mg/L)

00410

93.8

mg/L Hydroxide (OH) (mg/L)

71830

mg/L Carbonate (CO3) (mg/L)

00445

mg/L Bicarbonate (HCO3) (mg/L)

00440

* mg/L+ Sulfate (SO4) (mg/L)

00945

.5

* mg/L+ Chloride (Cl) (mg/L)

00940

45 mg/L Nitrate (as NO3) (mg/L)

71850

2.0

2 . mg/L Fluoride (F) (Natural-Source)

00951

.1

| Total Anions Meq/L Value: |

Std.Units+ PH (Laboratory) (Std.Units)

00403

*** umho/cm+ Specific Conductance (E.C.) (umhos/cm)

00095

**** mg/L+ Total Filterable Residue@180C(TDS) (mg/L)

70300

15 Units Apparent Color (Unfiltered) (Units)

00081

3 TON Odor Threshold at 60 C (TON)

00086

1.

5 NTU Lab Turbidity (NTU)

82079

0.5 mg/L+ MBAS (mg/L)

38260

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	3.72	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/05/17

Sample ID No.281

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Michelle Olsen

Employed By: AVER Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/05/08/1251

Received @ Lab:13/05/08/1251

Completed:13/05/16

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - RAW

* User ID: 4TH

Station Number: 1910045-002

* Date/Time of Sample: |13|05|08|1251|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|05|16| *

* Submitted by:

Phone #:

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value: |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	87.5	
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: |

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	2.82	0.30
+ Indicates Secondary Drinking Water Standards					

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/06/27

Sample ID No.297

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Kat White

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/06/12/0855

Received @ Lab: 13/06/12/0905

Completed: 13/06/20

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - RAW

* User ID: 4TH

Station Number: 1910045-002

* Date/Time of Sample: 13|06|12|0855|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: 13|06|20|

* Submitted by:

Phone #:

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	

mg/L Total Hardness (as CaCO3) (mg/L)

00900

mg/L Calcium (Ca) (mg/L)

00916

mg/L Magnesium (Mg) (mg/L)

00927

mg/L Sodium (NA) (mg/L)

00929

mg/L Potassium (K) (mg/L)

00937

| Total Cations Meq/L Value:

mg/L Total Alkalinity (AS CaCO3) (mg/L)

00410

87.1

mg/L Hydroxide (OH) (mg/L)

71830

mg/L Carbonate (CO3) (mg/L)

00445

mg/L Bicarbonate (HCO3) (mg/L)

00440

* mg/L+ Sulfate (SO4) (mg/L)

00945

.5

* mg/L+ Chloride (Cl) (mg/L)

00940

45 mg/L Nitrate (as NO3) (mg/L)

71850

2.0

2 . mg/L Fluoride (F) (Natural-Source)

00951

.1

| Total Anions Meq/L Value:

Std.Units+ PH (Laboratory) (Std.Units)

00403

*** umho/cm+ Specific Conductance (E.C.) (umhos/cm)

00095

**** mg/L+ Total Filterable Residue@180C(TDS) (mg/L)

70300

15 Units Apparent Color (Unfiltered) (Units)

00081

3 TON Odor Threshold at 60 C (TON)

00086

1.

5 NTU Lab Turbidity (NTU)

82079

0.5 mg/L+ MBAS (mg/L)

38260

* 250-500-600

** 0.6-1.7

*** 900-1600-2200

**** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	2.87	0.30
+ Indicates Secondary Drinking Water Standards					

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/07/22

Sample ID No.313

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Kat White

Employed By: AVER Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/07/10/0858

Received @ Lab: 13/07/10/0905

Completed: 13/07/16

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - RAW

* User ID: 4TH

Station Number: 1910045-002

* Date/Time of Sample: |13|07|10|0858|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |13|07|16|

* Submitted by:

Phone #:

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value: |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	82.9	
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: |

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	3.27	0.30
+ Indicates Secondary Drinking Water Standards					

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/08/19

Sample ID No.329

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Kat White

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/08/14/0900

Received @ Lab: 13/08/14/0906

Completed: 13/08/16

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - RAW

* User ID: 4TH

Station Number: 1910045-002

* Date/Time of Sample: |13|08|14|0900|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |13|08|16|

* Submitted by:

Phone #:

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value: |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	75.7	
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: |

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C (TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	2.69	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/10/02

Sample ID No.345

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler: Kat White

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 13/09/11/0838

Received @ Lab: 13/09/11/0845

Completed: 13/09/20

System

System

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source: QUARTZ HILL WTP - RAW

* User ID: 4TH

Station Number: 1910045-002

* Date/Time of Sample: |13|09|11|0838|

Laboratory Code: 6080

* YY MM DD TTTT

YY MM DD

* Date Analysis completed: |13|09|20|

* Submitted by:

Phone #:

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	

mg/L Total Hardness (as CaCO3) (mg/L)

00900

mg/L Calcium (Ca) (mg/L)

00916

mg/L Magnesium (Mg) (mg/L)

00927

mg/L Sodium (NA) (mg/L)

00929

mg/L Potassium (K) (mg/L)

00937

| Total Cations Meq/L Value:

mg/L Total Alkalinity (AS CaCO3) (mg/L)

00410

71.4

mg/L Hydroxide (OH) (mg/L)

71830

mg/L Carbonate (CO3) (mg/L)

00445

mg/L Bicarbonate (HCO3) (mg/L)

00440

* mg/L+ Sulfate (SO4) (mg/L)

00945

.5

* mg/L+ Chloride (Cl) (mg/L)

00940

45 mg/L Nitrate (as NO3) (mg/L)

71850

2.0

2 . mg/L Fluoride (F) (Natural-Source)

00951

.1

| Total Anions Meq/L Value:

Std.Units+ PH (Laboratory) (Std.Units)

00403

*** umho/cm+ Specific Conductance (E.C.) (umhos/cm)

00095

**** mg/L+ Total Filterable Residue@180C(TDS) (mg/L)

70300

15 Units Apparent Color (Unfiltered) (Units)

00081

3 TON Odor Threshold at 60 C (TON)

00086

1.

5 NTU Lab Turbidity (NTU)

82079

0.5 mg/L+ MBAS (mg/L)

38260

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	2.45	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/10/22

Sample ID No.361

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Michelle Olsen

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/10/09/0906

Received @ Lab:13/10/09/0910

Completed:13/10/18

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - RAW

* User ID: 4TH

Station Number: 1910045-002 *

* Date/Time of Sample: |13|10|09|0906|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|10|18| *

* Submitted by: _____ Phone #: _____ *

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value: |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	72.4	
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: |

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	2.32	0.30
+ Indicates Secondary Drinking Water Standards					

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/11/21

Sample ID No.377

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Michelle Olsen

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/11/13/0902

Received @ Lab:13/11/13/0910

Completed:13/11/18

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - RAW

* User ID: 4TH

Station Number: 1910045-002

* Date/Time of Sample: |13|11|13|0902|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|11|18| *

* Submitted by:

Phone #:

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
	mg/L	Total Hardness (as CaCO3) (mg/L)	00900		
	mg/L	Calcium (Ca) (mg/L)	00916		
	mg/L	Magnesium (Mg) (mg/L)	00927		
	mg/L	Sodium (NA) (mg/L)	00929		
	mg/L	Potassium (K) (mg/L)	00937		

| Total Cations Meq/L Value: |

	mg/L	Total Alkalinity (AS CaCO3) (mg/L)	00410	75.3	
	mg/L	Hydroxide (OH) (mg/L)	71830		
	mg/L	Carbonate (CO3) (mg/L)	00445		
	mg/L	Bicarbonate (HCO3) (mg/L)	00440		
*	mg/L+	Sulfate (SO4) (mg/L)	00945		.5
*	mg/L+	Chloride (Cl) (mg/L)	00940		
45	mg/L	Nitrate (as NO3) (mg/L)	71850		2.0
2 .	mg/L	Fluoride (F) (Natural-Source)	00951		.1

| Total Anions Meq/L Value: |

	Std.Units+	PH (Laboratory) (Std.Units)	00403		
***	umho/cm+	Specific Conductance (E.C.) (umhos/cm)	00095		
****	mg/L+	Total Filterable Residue@180C(TDS) (mg/L)	70300		
15	Units	Apparent Color (Unfiltered) (Units)	00081		
3	TON	Odor Threshold at 60 C (TON)	00086		1.
5	NTU	Lab Turbidity (NTU)	82079		
0.5	mg/L+	MBAS (mg/L)	38260		

* 250-500-600 ** 0.6-1.7 *** 900-1600-2200 **** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	1.78	0.30

+ Indicates Secondary Drinking Water Standards

GENERAL MINERAL & PHYSICAL & INORGANIC ANALYSIS (9/99)

Date of Report: 13/12/26

Sample ID No.393

Laboratory

Signature Lab

Name: ANTELOPE VALLEY-EAST KERN WATER AGENCY

Director:

Name of Sampler:Michelle Olsen

Employed By: AVEK Water Agency

Date/Time Sample

Date/Time Sample

Date Analyses

Collected:13/12/11/1505

Received @ Lab:13/12/11/1510

Completed:13/12/13

System

System

Name:ANTELOPE VALLEY-EAST KERN WATER AGENCY

Number: 1910045

Name or Number of Sample Source:QUARTZ HILL WTP - RAW

* User ID: 4TH

Station Number: 1910045-002

* Date/Time of Sample: |13|12|11|1505|

Laboratory Code: 6080 *

* YY MM DD TTTT

YY MM DD *

* Date Analysis completed: |13|12|13| *

* Submitted by: _____

Phone #: _____ *

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	

mg/L Total Hardness (as CaCO3) (mg/L)

00900

mg/L Calcium (Ca) (mg/L)

00916

mg/L Magnesium (Mg) (mg/L)

00927

mg/L Sodium (NA) (mg/L)

00929

mg/L Potassium (K) (mg/L)

00937

| Total Cations Meq/L Value: |

mg/L Total Alkalinity (AS CaCO3) (mg/L)

00410

77.5

mg/L Hydroxide (OH) (mg/L)

71830

mg/L Carbonate (CO3) (mg/L)

00445

mg/L Bicarbonate (HCO3) (mg/L)

00440

* mg/L+ Sulfate (SO4) (mg/L)

00945

.5

* mg/L+ Chloride (Cl) (mg/L)

00940

45 mg/L Nitrate (as NO3) (mg/L)

71850

2.0

2 . mg/L Fluoride (F) (Natural-Source)

00951

.1

| Total Anions Meq/L Value: |

Std.Units+ PH (Laboratory) (Std.Units)

00403

*** umho/cm+ Specific Conductance (E.C.) (umhos/cm)

00095

**** mg/L+ Total Filterable Residue@180C(TDS) (mg/L)

70300

15 Units Apparent Color (Unfiltered) (Units)

00081

3 TON Odor Threshold at 60 C (TON)

00086

1.

5 NTU Lab Turbidity (NTU)

82079

0.5 mg/L+ MBAS (mg/L)

38260

* 250-500-600

** 0.6-1.7

*** 900-1600-2200

**** 500-1000-1500

MCL	REPORTING	CHEMICAL	ENTRY	ANALYSES	DLR
	UNITS		#	RESULTS	
mg/L		Total Organic Carbon (TOC) (mg/L)	00680	1.93	0.30

+ Indicates Secondary Drinking Water Standards