

How can I get involved?

Please feel free to contact the number provided below for more information or for a translated copy of the report if you need it in another language.

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San Pasqual Domestic Water Authority

2017 Annual Water Quality Report



A Message from the San Pasqual Water Authority

We are very pleased to share with you that the San Pasqual Water Department continues to provide high quality and affordable drinking water to you each and every day.

While we are extremely confident about the quality of water delivered to your homes, as a community we must rethink how we use this quality water. Because of the severe drought the entire state of California is facing, this is a very challenging time in San Pasqual's water history. We have to challenge ourselves to adapt to this new water reality: it is a limited resource and it is becoming more so. Rethinking water use outdoors is by far the area with the most potential for savings. However there are other ways to save so that we all can do our part to reduce water use.

Water is integral to maintaining the San Pasqual's way of life. Together, we must value water, use it more wisely and never waste it. I am confident this report will shed some light on just how valuable water is, how much effort is involved to deliver this precious resource, and some tools to help us reduce our use.

*Sincerely,
San Pasqual Domestic Water Authority*

Microbiological Testing:

We are required to test your water regularly for signs of microbial contamination. Positive test results could lead to follow-up investigations called assessments and potentially the issuance of public health advisories. Assessments could lead to required corrective actions. The information below summarizes the results of tests.

Sampling requirements	Sampling conducted	Total E. Coli Positive	Assessment Triggers	Assessment Conducted
1 sample due monthly	12 out of 12	0	0	0

Definitions:

ppm= Parts per million, or milligrams per liter (mg/L)

ppb = parts per billion

N/A =Not Applicable

ND = not detectable at testing limit

NR = monitoring not required, but recommended

MCGL = Maximum Contaminant Level Goal: The highest level of contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety.

MCL = Maximum Contaminant Level. Highest level allowed in drinking water by EPA. MCL's are set as close to the MCLG's as feasible using the best available treatment technology

TT = Total Technique: A required process intended to reduce the level of a contaminant in drinking water.

AL = Action Level: The concentration of a contaminant which, if exceeded, trigger treatment or other requirements which a water system must follow.

Test Result Updates:

Public Water Systems A and B are monitored monthly for bacteriological contaminants. None of the samples tested positive for Total Coliform or Fecal Coliform. The tables provided list all the drinking water contaminants that were detected in the domestic water supply in 2017. No chemical contaminants exceeded EPA health-based criteria (MCLs).

Monitoring Violations:

There were no monitoring violations in 2017.

District B (*Kumeyaay Way, Nyemii Pass, Kunyaaw Path, Morning Star, Kunyaaw Court, South San Pasqual*)

Contaminants	MCLG	MCL	Your water	Sample Range	Sample Range	Date	Violation	Typical Source
Disinfection By-Products								
Five Halo acetic Acids (HAA5) Units: ppb	N/A	60	13	N/A	N/A	2017	No	By-Product of Drinking Water Chlorination
Total Trihalomethanes (TTHMs) Units: ppb	N/A	80	24	N/A	N/A	2017	No	By-Product of Drinking Water Chlorination
Lead and Copper Rule								
Contaminants	MCLG	Action Level	Your water	Range		Date	Violation	Typical Source
Copper Units: ppm - 90th percentile	1.3	1.3	0.4305	0 sites over Action Level		2017	No	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead Units: ppb - 90th percentile	0	15	4	0 sites over Action Level		2017	No	Corrosion of household plumbing systems; discharges from industrial manufactures; erosion of natural

Health Effects Language

Arsenic

Some people who drink water containing arsenic in excess of the MCL over many years may experience skin damage or circulatory system problem, and may have an increased risk of getting cancer.

Special Education Statements

Additional Information for Lead

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. PWS system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at 1-800-426-4791 or at <http://www.epa.gov/your-drinking-water/basic-information-about-lead-drinking-water>.

We at the San Pasqual Water Department are pleased to present you with the Annual Drinking Water Quality Report for 2017, also known as the Consumer Confidence Report. The U.S. Environmental Protection Agency and the California Division of Drinking Water require that all water agencies produce an annual report on the previous year informing customers about the quality of their drinking water.

This report is a snap shot of your water quality. Included are details about where your water comes from, what it contains, and how it compares to standards set by regulatory agencies. We are committed to providing you with information because informed customers are our best allies.

Our Water Supply for PWS ID 0605017 & PWS ID 0605080

SOURCE OF THE TRIBES DRINKING WATER

The Tribal ground water supply begins as rainwater and snowmelt that is naturally filtered through the soil. This water percolates through the soil and settles, usually several hundred feet below the Earth’s surface, to form aquifers. Well #4 and Well #3 on District A pumps from such an aquifer for domestic use. The Reservation also uses chlorinated and fluoridated water purchased from Valley Center Municipal Water District for both Water Systems A & B. The 2017 Water Quality Report for Valley Center may be accessed at <http://www.vcmwd.org/>. In an effort to supply you with the safest possible product, the Tribe also chlorinates the water at Well #4 and Well #3 to help control viruses and bacteria. The level of chlorine is monitored to ensure proper dosages.

DO I NEED TO TAKE ANY SPECIAL PRECAUTIONS?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised individuals such as a person with cancer undergoing chemotherapy, individuals who have undergone organ transplant, people with HIV/AIDS or other immune system disorders, some elderly and infants can be particularly at risk from infections. These individuals should seek advice about drinking water from their health care providers. The Environmental Protection Agency (EPA) and Center for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the EPA Safe drinking Hotline (800-426-4791) or at <https://www.epa.gov/ground-water-and-drinking-water/safe-drinking-water-hotline>



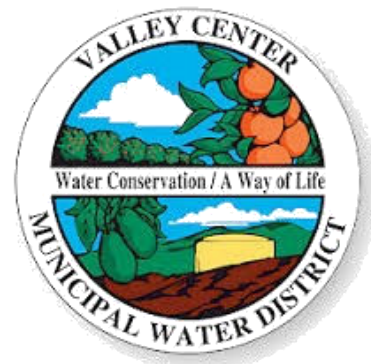
OUR IMPORTED WATER SUPPLY AND THE IMPACT ON WATER QUALITY

The San Pasqual Reservation imported 98% of its total potable water supply in 2017. This imported water is provided by Valley Center Municipal Water District, which purchases water from the San Diego County Water Authority, which purchases water from the Metropolitan Water District of Southern California. The remaining 2% of the potable water was supplied by two ground water wells located in District A. Ultimately, our water is a blend from three different sources from Colorado River water, California State Water Project water, and ground water from Wells #3 & #4. Throughout the year, the blend changes.

Several forces negatively impact the quality of water from the Colorado River and California State Water Project. The Colorado River winds through thousands of miles of unprotected watershed containing towns, farms, old mining sites and industrial sites.

Water from the California State Water Project is also subject to potential contaminants such as pesticides and herbicides. This water source also has a higher organic carbon and bromide level than the Colorado River water. As organic carbon and bromide levels increase, the potential for creating higher levels of disinfection by-products exists.

Colorado River and California State Water Project water is treated by the San Diego County Water Authority and Valley Center Municipal Water District. San Pasqual Water Department treats all ground water pumped from the aquifers below the Reservation from Wells #3 & #4. Furthermore, the San Pasqual Water Department regularly monitors the quality of all water to ensure all drinking water quality standards are met.



Contaminants	MCLG	MCL	Your water	Sample Range	Sample Range	Date	Violation	Typical Source
Radiological Contaminants								
Selenium Units: ppb	50	50	2.1	N/A	N/A	2017	No	Discharge from petroleum, glass and metal refineries; Erosion of deposits; deposits from mines and chemical manufactures
Sodium Units: ppm	0	N/A	96	65	96	2016	N/A	Erosion of natural deposits; Salt water intrusion
Contaminants	MCLG	MCL	Your water	Sample Range	Sample Range	Date	Violation	Typical Source
Lead and Copper Rule								
Copper Units: ppm - 90th percentile	1.3	1.3	0.12	0 sites over Action Level		2017	No	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead Units: ppb - 90th percentile	0	15	3.5	0 sites over Action Level		2017	No	Corrosion of household plumbing systems; discharges from industrial manufactures; erosion of natural deposits
Contaminants High	MCLG	MCL	Your water	Sample Range Low		Date	Violation	Typical Source
Radiological Contaminants								
Adjusted Alpha (Excel. Radon & U) Units: pCi/L	0	15	11	N/A		2016	No	Erosion of natural deposits
Uranium (Combined) Units: ppb	0	30	17.9	ND		2016	No	Erosion of natural deposits

WATER QUALITY TABLE

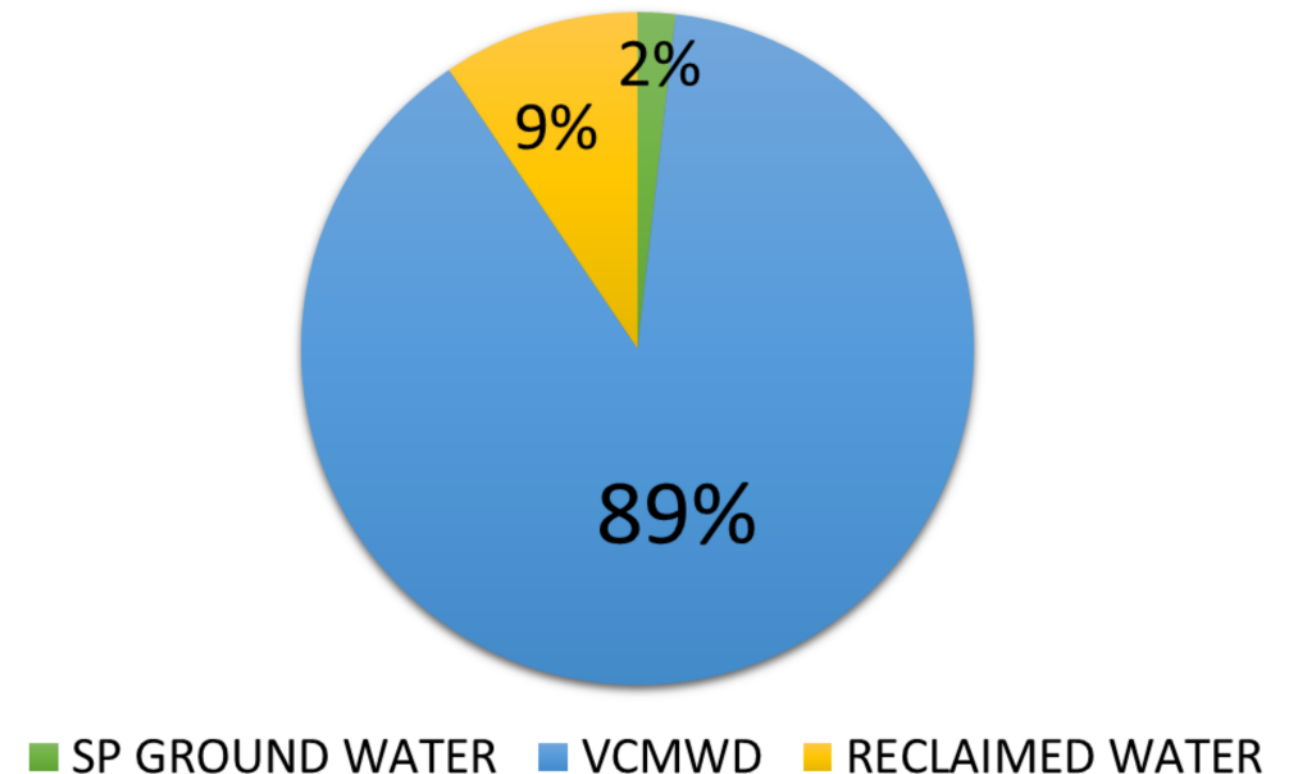
The table below lists all of the drinking water contaminants detected during the calendar year of this report. The presence of contaminants in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires monitoring for certain contaminants less than once per year because the concentrations of these contaminants do not change frequently.

District A (Canal Road, Oos Road, Paradise Mtn Road, Ipaii, Ashaa, Eagle Way)

Contaminants	MCLG	MCL	Your water	Sample Range	Sample Range	Date	Violation	Typical Source
Disinfection By-Products								
Five Halo acetic Acids (HAA5)	N/A	60	6.3	2.6	10	2017	No	By-Product of Drinking Water
Total Trihalomethanes	N/A	80	19	17	21	2017	No	By-Product of Drinking Water
Inorganic Contaminants								
Arsenic Units: ppb	0	10	15	2.6	15	2017	Yes	Erosion of natural deposits; runoff from orchards; glass and electronics production waste
Barium Units: ppm	2	2	0.07	N/A	N/A	2017	No	Discharge of oil drilling wastes and from metal refineries; erosion of natural deposits
Fluoride Units: ppm	4	4	0.69	N/A	N/A	2017	No	Erosions of Natural Deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Nitrate [Reported as Nitrogen] Units: ppm	10	10	0.65	0.36	.065	2017	No	Runoff and leaching from fertilizer use; leaching from septic tanks; sewage; erosion of natural deposits

SAN PASQUAL DOMESTIC WATER AUTHORITY USAGE FOR 2017

WATER SOURCE	CUBIC FEET DRAWN
DISTRICT A	
VCMWD	1,867,500
WELL 3	27,300
WELL 4	47,020
DISTRICT B	
VCMWD	1,782,400
RECLAIMED WATER	389,400
TOTAL ANNUAL USAGE FOR 2017	
4,113,620 CUBIC FEET	



LINKS TO OUTSIDE WATER SOURCE CCR FOR 2017

Valley Center Municipal Water District

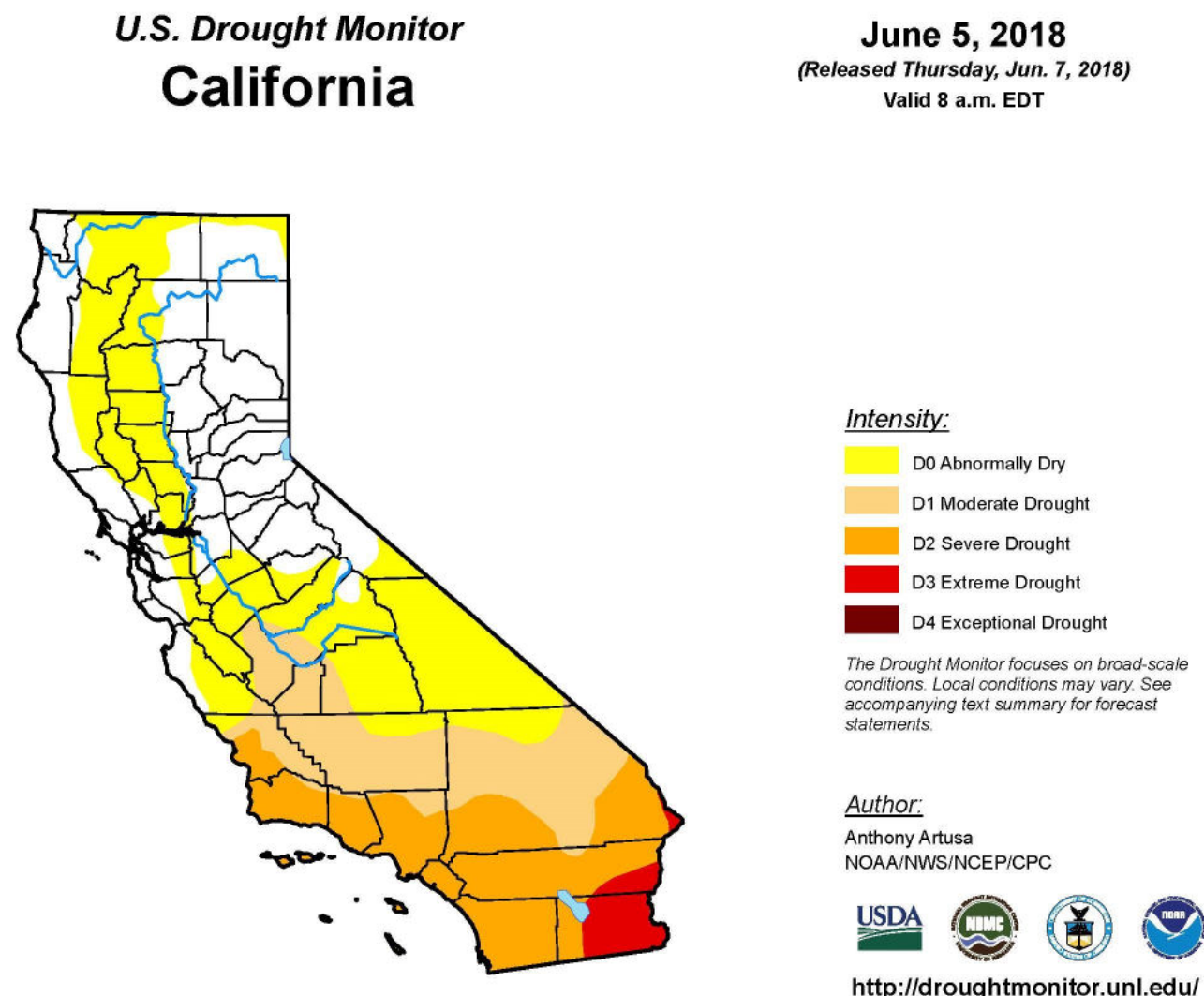
<http://www.vcmwd.org/Services/Water-and-Customer-Service/Water-Quality-Reports>

San Diego County Water Authority

<https://www.sdcwa.org/water-quality>

Metropolitan Water District of Southern California

http://www.mwdh2o.com/pdf_about_your_water/2.3.1_annual_water_quality_report.pdf



WHY IS THERE ANYTHING IN MY WATER?

Drinking Water, including Bottled water, may reasonably be expected to contain at least small amounts of contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe drinking Hotline (800-46-4791).

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include:

- **Microbial contaminants**, such as viruses and bacteria that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.
- **Inorganic contaminants**, such as salts and metals, that can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.
- **Pesticides and herbicides**, that may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.
- **Organic chemical contaminants**, including synthetic and volatile organic chemicals that are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, agricultural application, and septic systems.
- **Radioactive contaminants**, that can be naturally occurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Food and Drug Administration regulations establish limits for contaminants in bottled water which must provide the same protection for public health.

OUR WATER TREATMENT PROCESS

The San Pasqual Water Department provides high-quality drinking water by utilizing proven technology, updated facilities, and state-certified operators. Water is treated at the Tribes water treatment plant using several processes, with each process providing additional water quality improvements. Using several treatment processes provides multiple barriers for added safety. Our treatment plant employs a combination of time-tested conventional water treatment processes. Conventional water treatment consists of potassium permanganate treatment for iron and manganese, sedimentation for sand removal, and sand/multi-media filtration; this cost-effective, proven method of treatment is used throughout the modern world.

2017 Water Quality Data - Valley Center Municipal Water District

Our water quality information for 2017 is listed in the tables on this page. Contained in the table are the test results for clarity and microbiological safety. Also included are results for 10 inorganic and secondary standards (aesthetic). Finally, the table includes results for 11 "other parameters" for which there are no current state or federal standards.

What do all the abbreviations mean?

A number of abbreviations are contained on the Water Quality tables which are important to your understanding of the data, and those are:

Maximum Contaminant Level or MCL: The highest level of a contaminant that is allowed in drinking water. Primary MCLs are set as close to the PHGs (or MCLGs) as is economically and technologically feasible. Secondary MCLs are set to protect the odor, taste, and appearance of drinking water.

Maximum Contaminant Level Goal or 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.

Maximum Residual Disinfection Level or MRDL.
Maximum Residual Disinfection Level Goal or MRDLG.

Public Health Goal or PHG: The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

Primary Drinking Water Standard or PDWS: MCLs for contaminants that affect health along with their monitoring and reporting requirements, and water treatment requirements.

Secondary Drinking Water Standards (SDWS): MCLs for contaminants that affect taste, odor, or appearance of the drinking water. Contaminants with SDWS do not affect the health at the MCL levels.

Regulatory Action Level (AL): The concentration of contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

2017 ABBREVIATIONS

A	=	Absence
AI	=	Aggressive Index
AL	=	Action Level: the concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow
CFU/mL	=	Colony-forming units per milliliter
DBP	=	Disinfection Byproducts
DLR	=	Detection Limits for purposes of Reporting
HPC	=	Heterotrophic Plate Count
LRAA	=	Locational Running Annual Average
MCL	=	Maximum Contaminant Level
MCLG	=	Maximum Contaminant Level Goal
MRDL	=	Maximum Residual Disinfectant Level
MRDLG	=	Maximum Residual Disinfectant Level Goal
MRL	=	Method Reporting Limit
N	=	Nitrogen
NA	=	Not Applicable
ND	=	Non Detectable
NL	=	Notification Level
NTU	=	Nephelometric Turbidity Units is a measure of the suspended material in water
P	=	Presence
pCi/L	=	Pico Curies per liter (a measure of radiation)
PHG	=	Public Health Goal
ppb	=	Parts per Billion
ppm	=	Parts per Million
ppt	=	Parts per Trillion
SI	=	Saturation Index
TOC	=	Total Organic Carbon
TON	=	Threshold Odor Number
TT	=	Treatment Technique: a required process intended to reduce the level of a contaminant in drinking water
µS/cm	=	Micromhos per centimeter

PARAMETER (a)	Units	MCL [MRDL]	PHG (MCLG) [MRDL G]	Skinner Treatment Plant Test Results		Twin Oaks Treatment Plant Test Results		Carlsbad Desalination Plant Test Results		Major Sources in Drinking Water
				Range	Average	Range	Average	Range	Average	
PRIMARY STANDARDS – MANDATORY HEALTH RELATED STANDARDS										
CLARITY										
Combined Filter Effluent Turbidity	NTU %	TT = 1 TT(b)	NA	Highest %<0.3	0.10 100%	Highest %<0.01	0.01 100%	Highest % <0.1	1.0 99.7%	Soil runoff
CONTAMINANTS MONITORED BUT NOT DETECTED										
VCMWD Total Coliform Bacteria (c) (m)	%	5.0	0	0-1	0.002	0-1	0.002	0-1	0.002	Naturally present in the environment
VCMWD Fecal Coliform Bacteria and E. Coli (c) (m)	CFU /mL	0	0	NA	0	NA	0	NA	0	Human and animal fecal waste
INORGANIC CHEMICALS										
Arsenic	ppb	10	0.004	ND	ND	2	2	ND	ND	Natural deposits erosion, glass and electronics production wastes.
Nitrate (as N) (i)	ppm	10	10	ND	ND	0.3-0.6	0.5	ND	ND	Runoff and leaching from fertilizer use; sewage; natural deposit erosion
VCMWD Copper (f) Triennial 2016	ppm	AL = 1.3	0.3	90 th Percentile	0.276	90 th Percentile	0.276	90 th Percentile	0.276	Internal corrosion of household plumbing; natural deposit erosion
Fluoride Treatment-related (l)	ppm	2.0	1	0.5-0.9	0.7	0.5-1.1	0.7	0.55-0.90	0.746	Water additive for dental health
VCMWD Lead (f) Triennial 2016	ppb	AL = 15	0.2	90 th Percentile	6	90 th Percentile	6	90 th Percentile	6	Internal corrosion of household plumbing; natural deposit erosion
RADIOLOGICAL										
Uranium	pCi/L	20	0.43	ND-3	ND	2.7-3.1	2.9	0.03-0.16	0.085	Erosion of natural deposits
DISINFECTION BY - PRODUCTS, DISINFECTANT RESIDUALS, AND DISINFECTION BY - PRODUCTS PRECURSORS										
VCMWD Total Trihalomethanes (e)	ppb	80	NA	Highest LRAA 23 9.2-23.2	16.5	Highest LRAA 23 9.2-23.2	16.5	Highest LRAA 23 9.2-23.2	16.5	By -product of drinking water chlorination
VCMWD Haloacetic Acid (d)	ppb	60	NA	Highest LRAA 7 0.0-10.5	4.75	Highest LRAA 7 0.0-10.5	4.75	Highest LRAA 7 0.0-10.5	4.75	By -product of drinking water chlorination
VCMWD Total Chlorine Residual (Chloramines)	ppm	[4.0]	[4.0]	1.5-2.1	1.9	1.5-2.1	1.9	1.5-2.1	1.9	Drinking water disinfectant added for treatment
SECONDARY STANDARDS – AESTHETIC STANDARDS										
Chloride	ppm	500	NA	56-72	64	59	59	39.7-127	76.9	Runoff/leaching from natural deposits; seawater influence
VCMWD Color	Units	15	NA	<1-15	1.58	<1-15	1.58	<1-15	1.58	Naturally occurring organic materials
VCMWD Odor Threshold (h)	TON	3	NA	0-<1	<1	0-<1	<1	0-<1	<1	Naturally occurring organic materials
Specific Conductance	µS/cm	1600	NA	445-571	513	470	470	304.3-694.1	430.7	Substances that form ions in water; seawater influence
Sulfate	ppm	500	NA	66-81	74	56	56	11.4-41.0	16.6	Runoff/leaching from natural deposits; industrial waste
Total Dissolved Solids(TDS)	ppm	1000	NA	459-321	290	280	280	80-426	232.7	Runoff/leaching from natural deposits; seawater influence
VCMWD Turbidity (b)	NTU	5	NA	0.07-0.61	0.16	0.07-0.61	0.16	0.07-0.61	0.16	Soil runoff
OTHER PARAMETERS										
Alkalinity (as CaCO ₃)	ppm	NA	NA	62-78	70	77	77	48-88	59.7	
Boron	ppb	NL=1 000	NA	110	110	120	120	0.33-0.95	0.59	Runoff/leaching from natural deposits; industrial waste
Calcium	ppm	NA	NA	27-32	30	26	26	19.4-43.9	23.9	
Corrosivity (k) (as Aggressive Index)	AI	NA	NA	11.8-12.0	11.9	12	12	11.30-12.01	11.57	Elemental balance in water; affected by temperature, other factors
Corrosivity (g) (as Saturation Index)	SI	NA	NA	0.04-0.25	0.14	0.55	0.55	0.02-0.66	0.28	Elemental balance in water; affected by temperature, other factors
Hardness (CaCO ₃)	ppm	NA	NA	109-129	119	110	110	43.4-96.2	53.3	
Magnesium	ppm	NA	NA	11-13	12	10	10	0.48-1.09	0.75	
Ph	Units	NA	NA	8.2	8.2	7.3-8.9	8.3	7.41-8.93	8.52	
Potassium	ppm	NA	NA	2.8-3.2	3.0	2.7	2.7	1.31-4.36	2.46	
Sodium	ppm	NA	NA	48-56	52	50	50	32.7-80.4	52.3	
Total Organic Carbon (TOC)	ppm	TT	NA	1.9-3.1	2.5	2.0-3.0	2.4	NA	NA	Various natural and man-made sources

PARAMETER	Units	MCL	[DLR] MRL	Test Results		Major Sources in Drinking Water
				Range	Average	
Chlorate	ppb	NL=800	[20]	34-80	52.1	By product of water chlorination
Chromium	ppb	50	[10]	0.38-0.40	0.39	Industrial waste discharges, natural causes
Hexavalent Chromium	ppb	10	[1]	0.040-0.071	0.054	Industrial waste discharges, natural causes
Molybdenum	ppb	NA	1	2.9-4.7	4.0	Mineral salt oxidation
Strontium	ppb	NA	0.3	600-1100	900	Decay of natural deposits
Vanadium	ppb	NL=50	[3]	0.20-0.21	0.206	Mineral and fossil fuel deposits

2017 FOOTNOTES

- (a) Data shown are annual averages and ranges.
- (b) As Primary Standards, the turbidity level of the filtered water shall be less than or equal to 0.3 NTU in 95% of the measurements taken each month and shall not exceed 1.0 NTU for more than one hour. Turbidity is a measure of the cloudiness of the water and is an indicator of treatment performance.
- (c) Total coliform MCLs: No more than 5.0% of the monthly samples may be total coliform positive. When collecting <40 samples, if two or more are total coliform positive, the MCL is violated. The MCL was not violated. E. coli MCLs: The occurrence of 2 consecutive total coliform positive samples, one of which contains fecal coliform/E. coli, constitutes an acute violation. Standards and results are based on distribution system monthly sampling averages. Compliance is based on distribution system sampling from all pressure zones. 416 samples were analyzed in 2017. The MCL was not violated.
- (d) Calculated from the average of quarterly samples. Compliance is based on a running annual average of 16 distribution system samples. VCMWD was in compliance with the Stage 2 Disinfection By-Products (D/DBP) Rule.
- (e) Calculated from the average quarterly samples. Compliance is based on a running annual average of 16 distribution system samples. VCMWD was in compliance with the Stage 2 Disinfection By-Products (D/DBP) Rule.
- (f) Lead and copper are regulated in a Treatment Technique under the Lead and Copper Rule. The lead and copper results for 2016 are from 30 water samples collected from the consumers' tap throughout the VCMWD distribution system. The federal action level, which triggers water systems into taking treatment steps if exceeded in more than 10% of the tap water samples, is 1.3 ppm for copper and 15 ppb for lead. There were zero samples that exceeded the action level.
- (g) Positive SI index = non-corrosive; tendency to precipitate and/or deposit scale on pipes. Negative SI index = corrosive; tendency to dissolve calcium carbonate.
- (h) Results are from VCMWD's laboratory's flavor-profile analysis that detects odor occurrences more accurately.
- (i) State MCL is 45 ppm as nitrate, which equals 10 ppm as (N).

Important!
2017 Water Quality Report

If appropriate, please post this report so that others may review its contents. Additional copies may be obtained by contacting the District at (760) 735-4500.

- (j) In 2014, the USEPA required VCMWD to test for a specific list of compounds. VCMWD is required to report the results on this CCR in order to comply with State of California reporting requirements.
- (k) AI <10.0 = highly aggressive and very corrosive water
AI >12.0 = non-aggressive water
AI (10.0 – 11.9) = moderately non-aggressive water
- (l) Metropolitan Water District was in compliance with all provisions of the State's Fluoridation System Requirements. For additional information, visit the Health Department's fluoridation website: https://www.waterboards.ca.gov/drinking_water/certific/drinkingwater/Fluoridation.html
- (m) VCMWD had one total coliform present sample in 2017. As a result, the MCL was not violated. Samples are collected every Monday, and the number collected per month is either 32 or 40.