

YOUR DRINKING WATER

2019 Annual Water Quality Report

MARINE CORPS BASE, CAMP PENDLETON

INSIDE THIS REPORT

This report describes the quality of water provided to residents and personnel living and working aboard Marine Corps Base, Camp Pendleton (MCB CamPen) during 2019. Included are details about where the water comes from, what it contains, and how it compares to established drinking water standards.

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Este informe contiene información muy importante sobre su agua potable. Tradúzcalo o hable con alguien que lo entienda bien.

DRINKING WATER SOURCES

Unlike most of Southern California which relies on imported water supplies, nearly all of MCB CamPen's drinking water comes from local groundwater sources. Wells located on Base supply water to all of MCB CamPen except for San Mateo Point Housing, which receives water from the South Coast Water District. Residents of San Mateo Point Housing should receive a consumer confidence report from this off-base water supplier.

WATER SERVICE AREAS

MCB CamPen provides water to the base through two drinking water systems:

Northern Water System: Services all areas north of Las Pulgas Road except for the 43 Area and San Mateo Point housing. Wells located in the San Onofre and San Mateo River basins supply water to this water system.

Southern Water System: Services the 43 Area and all areas south and southeast of Las Pulgas Road. Wells located in the Las Pulgas and Santa Margarita River basins supply water to this water system.



Camp Pendleton Water Service Areas

WATER QUALITY MONITORING

MCB CamPen routinely tests the water to ensure that it meets safe drinking water standards. In addition to monitoring for contaminants with established drinking water standards, the base also monitors for unregulated contaminants, which helps the U.S. Environmental Protection Agency (USEPA) and the California State Water Resources Control Board (SWRCB) determine where certain contaminants occur and whether such contaminants require regulation.

Last year, MCB CamPen completed over 20,000 water quality tests to evaluate compliance for over 200 different drinking water contaminants. While most contaminants registered below detectable levels, some occasionally did not achieve a drinking water standard. The tables on pages 4 - 6 depict these contaminants along with others that require reporting. The tables contain separate columns to distinguish between the water quality measured in the Northern and Southern Water Systems.

We are committed to providing you with information because informed customers are our best allies. PAGE I

GENERAL INFORMATION ABOUT DRINKING WATER

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

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

In order to ensure that tap water is safe to drink, the USEPA and the SWRCB prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. These regulations also establish limits for contaminants in bottled water that provide the same protection for public health.



DRINKING WATER CONSIDERATIONS

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791). Some people may be more vulnerable to contaminants in drinking water than the general population. Immunocompromised persons such as persons with cancer undergoing chemo-therapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. USEPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

TERMS USED IN THIS REPORT

ACTION LEVEL (AL) - The concentration of a contaminant in drinking water which, if exceeded, triggers treatment or other requirements that a water system must follow.

HEALTH ADVISORY (HA) - The concentration of an unregulated contaminant in drinking water which, if exceeded over a lifetime, may have associated health risks.

MAXIMUM CONTAMINANT LEVEL (MCL) - The highest level of a contaminant allowed in drinking water. Primary MCLs are set as close to the Public Health Goal (PHG) or Maximum Contaminant Level Goal (MCLG) as is economically and technologically feasible.

MAXIMUM CONTAMINANT LEVEL GOAL (MCLG) - The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are set by the USEPA.

MAXIMUM RESIDUAL DISINFECTANT LEVEL (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary to control microbial contaminants.

MAXIMUM RESIDUAL DISINFECTANT LEVEL GOAL (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

<u>MICROSIEMENS PER CENTIMETER (\muS/CM</u>) - A unit of measurement to express electrical conductivity of drinking water. One μ S/cm equals one ppm of conductive particles in drinking water (see definition for ppm).

NEPHELOMETRIC TURBIDITY UNIT (NTU) - A unit of measurement to express the amount of suspended particles in drinking water.

NON DETECT (ND) - Either a contaminant is not present in the drinking water or the contaminant is below the laboratory detection limit or state-required reporting level.

NOTIFICATION LEVEL (NL) - A health-based advisory level established by the SWRCB for chemicals in drinking water that lack MCLs. When chemicals are found at concentrations greater than their notification levels, certain regulatory requirements and recommendations apply.

PART PER MILLION (PPM) - A unit of concentration often used to represent how much of a pollutant exists in drinking water. One ppm is like one second in 11.5 days. Units are expressed as mg/l (milligrams per liter)

PART PER BILLION (PPB) - A unit of concentration often used to represent how much of a pollutant exists in drinking water. One ppb is like one second in nearly 32 years. Units are expressed as ug/L (micrograms per liter)

PART PER TRILLION (PPT) - A unit of concentration often used to represent how much of a pollutant exists in drinking water. One ppt is like one second in nearly 32,000 years. Units are expressed as ng/L (nanograms per liter)

<u>PICOCURIES PER LITER (PCI/L)</u> - A unit of measurement to express activity of radionuclide contaminants in drinking water.

PRESENT/ABSENT (P/A) - A unit of measurement to express bacteriological sample results in drinking water.

PRIMARY DRINKING WATER STANDARD (PDWS) - MCLs and MRDLs for contaminants in drinking water that affect health along with their monitoring, reporting, and water treatment requirements.

PUBLIC HEALTH GOAL (PHG) - The level of a contaminant in drinking water below which there is no known or expected risk to health. PHGs are set by the California Environmental Protection Agency.

SECONDARY MAXIMUM CONTAMINANT LEVEL (SMCL) - The highest level of a contaminant allowed to protect the odor, taste, and appearance of drinking water; these contaminants do not present a health risk at the SMCL.

STATE WATER RESOURCES CONTROL BOARD (SWRCB) - The SWRCB preserves the quality of California's water resources and drinking water for protection of the environment and public health.

2019 WATER QUALITY MONITORING RESULTS

Inorganics with Primary Drinking Water Standards							
Persenator		Water System		мсі	РИС	Unite	Turnical Sources
i ai ainetei		Northern	Southern	TICE	IIIG	Onits	i ypical sources
America	Range	ND -1.00	ND - 2.89	10	0.004	ppb	Encies of network description
Arsenic	Average	0.13	1.24	10			Erosion of natural deposits
Barium	Range	0.05-0.06	0.03-0.13	I	2	ррт	Leaching from natural deposits and industrial waste
	Average	0.05	0.07				
Chromium	Range	ND	ND - 2.2	5	0.04	ppb	Erosion of natural deposits and Industrial waste
(total)	Average	ND	0.50				
Fluoride	Range	0.26-0.30	0.13-0.83	2	I	ррт	Erosion of natural deposits
(Natural-Source)	Average	0.28	0.41	2			
Nitrate as N	Range	1.44-1.78	ND - 1.82	10	10	ppm	Runoff and leaching from fertilizer use; erosion of natural deposits
	Average	1.65	0.74		10		

Radionuclides with Primary Drinking Water Standards

Parameter		Water System		мсі	PHG	Linita	Typical Sources
		Northern	Southern	TICL	(MCLG)	Onits	i ypical sources
Gross Alpha ^I	Range	ND - 7.81	ND - 22.1	15	(0)	⊳Ci/l	Frosion of natural deposits
Gi OSS Aiplia	Average	2.63	6.0	13	(0)	P0//2	
Uranium ²	Range	NA	1.44 - 15.8	20	0.43	pCi/L	Erosion of natural deposits
	Average	1.11	9.5	20			

¹Compliance with the gross alpha MCL is determined by subtracting uranium values from the gross alpha values. After subtracting uranium, the Southern Water System was in compliance with the gross alpha MCL (the adjusted gross alpha result was 6 (pCi/L).

 2 Uranium testing is determined from a trigger level of 5 pCl/L of Gross Alpha. In the North for 2019 only one Uranium test was trigged by a Gross Alpha value over the trigger level so the average is only that one result.

Disinfectants and Disinfection Byproducts with Primary Drinking Water Standards

Parameter		Water System		MCL	PHG	Linita	Turbical Sources
		Northern	Southern	[MRDL]	[MRDLG]	Onits	Typical Sources
Total Chlorine Residual	Range	1.10-1.38	1.44-1.76	[4]	[4]	ppm	Drinking water disinfectant added for treatment
rotal Chiornie Residual	Average	1.23	I.64	ניין			
Haloacetic Acids	Range	ND - 10	2.3 - 21	60	None	ррb	Byproduct of drinking water disinfection
	Average	9	9				
Total Trihalomethanes ³	Range	3 - 68	19 - 94	80	None	pph	Byproduct of drinking water disinfection
	Average	50	39			PPD	

³Compliance with the Total Trihalomethanes MCL is determined by a locational running annual average of four quarters of results. Based on these averages both the Northern and Southern Water Systems were in compliance with the MCL during 2019.

2019 WATER QUALITY MONITORING RESULTS

Bacteriological with Primary Drinking Water Standards								
Parama			Water	System	MCI	PHG	l Inite	T : 10
i al ameter		Northern	Southern	MCL	(MCLG)	Units	i ypical sources	
Total Coliform Bacte	eria	Coliform Positive	ND	1.2%	Varies ⁴	(0)	P/A	Naturally present in the environment
⁴ Per the SWRCB's Total Coliform Rule, the MCL for total coliform bacteria is based on the number of total coliform positive samples per month. The Northern Water System complies with the MCL when no more than one monthly sample tests positive. The Southern Water System complies with the MCL when no more than 5% of monthly samples tests positive. Both the Northern and Southern systems were in compliance in 2019. Please see page 8 for more information on the Revised Total Coliform Rule.								
Contaminants	with	seconda	ary Drinki	ing Wateı	^r Standaı	·ds		
Paramot	tor		Water	System	MCL	PHG	Unite	Typical Sources
Faranie	ler		Northern	Southern	(SMCL)	(MCLG)	Units	rypical sources
Chlorida		Range	79—98	82 - 224	(500)			Runoff/leaching from natural
Chionde		Average	93	164	(500)	None	ррт	deposits
		Range	ND – 83	ND - 84	(200)	None	aab	Internal corrosion of plumbing,
Copper		Average	19	20	(300)	None	рро	erosion of natural deposits
Sulfate		Range	89 - 117	53 - 258	(500)	Nono	000 000	Runoff/leaching from natural
		Average	103	124	(300)	INONE	ррш	deposits
Specific Conductant	ce	Range	720 - 846	560- 1430	(1600)	None	uS/cm	Substances that form ions when
		Average	800	1122	(1000)	None	µ5/cm	in water
Total Dissolved Soli	ds	Range	432 - 506	284 - 894	(1000)	None	DDM	Runoff/leaching from natural
		Average	475	395	(1000)		PPIII	deposits
Turbidity		Range	ND - 0.211	ND - 0.210	(5)	None	NTU	Soil runoff
		Average	0.043	0.030	(•)			
Tap Water Monitoring for Lead and Copper								
Parameter			Water	System	AL	PHG	Units	Typical Sources
			Northern	Southern				
Copper ⁵	San	nples > AL	0 of 30	0 of 30	13	03	maa	Internal corrosion of household
	90th	percentile	0.56	0.09	1.5	0.5 рр	PPIII	plumbing systems
Lead ⁵	Sam	nples > AL	0 of 30	0 of 30	15	0.2	pph	Internal corrosion of household
	90th	n percentile	ND	ND	13	0.2	PPU	plumbing systems

⁵Both the Northern and Southern Water Systems were in compliance with the lead and copper Action Levels during 2019. Compliance is based on the 90th percentile of all samples collected, which must be less than the AL. The system is out of compliance when more than 10% of samples exceed the AL.

2019 WATER QUALITY MONITORING RESULTS

Sodium and Hardness							
Parameter		Water	System	NI	PHC	Lipite	Typical Sources
r ai airietei		Northern	Southern		mg	Onits	i ypical Sources
Sodium	Range	61 - 80	70 - 173	Nono	None	DDM	Losching from patural deposits
Sodium	Average	72	122	TNOHE	INONE	ррш	Leaching it offit flatural deposits
Total Hardness	Range	210 - 247	104 - 448	None	None	DDM	Naturally occurring minerals
Total Hai diless	Average	233	155	INONE	None	ppm	Naturally occurring minerals
Unregulated Contan	ninant M	onitoring	Rule 3 (UC	CMR3)'			
Parameter		Water	System	NL	PHG	Units	Typical Sources
Tarameter		Northern	Southern	(HA)	ma		
Chlorato	Range	120 - 220	97 - 560	800	None	ррb	Agricultural defoliant; disinfection byproduct
Chlorate	Average	187	320				
Hexavalent Chromium	Range	0.10 - 0.43	0 - 0.37	None	None	ррЬ	Erosion of natural deposits
Hexavalent Chromium	Average	0.21	0.14				
	Range	3.0 - 3.8	1.7 - 7.6				
Molybdenum	Average	3.3	4.4 None None	None ppb	Naturally present in the environment		
Perfluorohexanesulfonic	Range	ND	ND - 62	None	None	pot	Industrial use chemical
Acid (PFHxS)	Average	ND	23	None	None	PPC	
Perfluorooctanoic Acid	Range	ND	ND - 21	(70)	None	pot	Industrial use chemical
(PFOA)	Average	ND	3.5	(70)	INONE	ρρι	industrial use chemical
Stroptium	Range	270 - 450	130 - 590	None	None	pph	Naturally present in the environment
Suonuum	Average	320	365	None	None	660	reaction any present in the environment
Vanadium	Range	2.2 - 3.0	0.2 - 7.4	50	None	pph	Naturally present in the onvironment
Vanadium	Average	2.7	3	50	None	рро	Naturally present in the environment

⁶Testing for these contaminants was performed in accordance with the USEPA's Third Unregulated Contaminant Monitoring Rule (UCMR3). Unregulated contaminant monitoring helps the USEPA and SWRCB to determine where certain contaminants occur and whether the contaminants need to be regulated. The Southern Water System was sampled during 2013 and 2014. The Northern Water System was sampled during 2014 and 2015. The Health Advisory (HA) Notification Limit is the combined values of PFOA and PFOS. Health Advisory Notification Limit shown is at time of sampling

Monitoring for Other Unregulated Contaminants

Parameter		Water System		NII			
		Northern	Southern	(HA)	PHG	Units	Typical Sources
Perfluorooctane Sulfonic Acid (PFOS)	Range	12 - 21	ND - 23	6.5	None	ppt	Industrial use chemical
	Average	16	8				
Perfluorooctanoic Acid (PFOA)	Range	ND – I I	ND - 15		None	ppt	Industrial use chemical
	Average	3	4	5.1	None		

During 2019 for the Southern System, well water was monitored to ensure no water to consumers exceeded USEPA's HA (70 ppt) for combined perfluorooctanoic acid (PFOA) and perfluorooctane sulfonate (PFOS). The Northern System was monitored and no wells exceeded the HA. The new lower NL's were established in Aug. 2019. Please see page 7 for more information and health effects.

2019 CONSUMER NOTIFICATIONS

WATER SYSTEM MONITORING AND REPORTING VIOLATIONS

Perfluorooctanoic Acid (PFOA) and Perfluorooctane Sulfonate (PFOS)

In August 2019 the State of California lowered the notification levels to 5.1 ppt. for PFOA and 6.5 ppt. for PFOS. Lifetime Health Advisory Levels, had previously been established at 70 ppt as the combine PFOA and PFOS concentration. During 2019 all samples were below the Lifetime Health Advisory Response Levels however some samples exceeded the Notification Levels. Lifetime consumption of drinking water with PFOA and PFOS above the NL may result in adverse health effects. Perfluorooctanoic Acid (PFOA) exposures resulted in increased liver weight in laboratory animals. Perfluorooctane Sulfonic Acid (PFOS) exposures resulted in immune suppression, specifically, a decrease in antibody response to an exogenous antigen challenge.

CAMP PENDLETON DRINKING WATER SAFEGUARDS

2019 –2020 Lead Testing in Drinking Water at Child Development and School Age Centers

In response to the Marine Corps Safe Drinking Water Program outlined in Marine Corps Order 5090.2A, water samples were collected from ten CDC's, and SAC's and analyzed for lead. Of four hundred thirty three (433) outlet samples, eleven (11) samples had lead concentrations higher than 15 parts per billion (ppb), which is the USEPA recommended maximum standard for outlets in individual buildings, also known as an Action Level. Ninety seven percent (97%) of the water outlets tested did not have lead detections above the Action Level. Of the eleven outlets with lead levels above 15 ppb, two were in the kitchen sink area and nine hose bibs. None were found to be used for the purpose of providing drinking water or food prep, only for outside watering or dishwashing. All 11 faucets and hose bibs were replaced and retested to be below the USEPA Action Level. All locations had notifications displayed throughout the testing and mitigations outlining procedures and results which are available for viewing at each location upon request.

A NOTE ON FLUORIDE

MCB CamPen currently does not add fluoride to the drinking water. However, the presence of naturally-occurring fluoride in our source water may help to prevent tooth decay. General information on the oral health benefits of fluoride in drinking water is available at the following web links:



SWRCB, Division of Drinking Water

http://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/Fluoridation.shtml

Department of Health and Human Services Center for Disease Control and Prevention (CDC) http://www.cdc.gov/fluoridation/index.htm

REGULATORY INFORMATION: LEAD AND TOTAL COLIFORM

LEAD IN DRINKING WATER

Although sampling of residential taps during 2019 achieved standards for lead in drinking water, federal regulations require us to communicate the following health advisory regarding lead in drinking water: 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. Marine Corps Installations West—Marine Corps Base, Camp Pendleton is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/lead.

REVISED TOTAL COLIFORM RULE (RTCR)

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially harmful, waterborne pathogens may be present or that a potential pathway exists through which contamination may enter the drinking water distribution system.

All state water systems are required to comply with the state Total Coliform Rule. As of April 1, 2016, all state water systems are also required to comply with the federal Revised Total Coliform Rule. The new federal rule maintains the purpose to protect public health by ensuring the integrity of the drinking water distribution system and monitoring for the presence of microbials (i.e., total coliform and *E. coli* bacteria). Water systems that exceed a specified frequency of total coliform occurrences are required to conduct an assessment to determine if any sanitary defect exists. If found, these must be corrected by the water system.

In 2019 MCB CamPen did not exceeded the MCL for total coliforms and no E. Coli was detected for both the Northern and Southern systems.

FROM THE GROUND TO YOUR TAP

WELLS

Water is pumped from groundwater wells on Base.

WATER TREATMENT

Treatment processes remove naturally occurring iron, manganese, and dissolved solids (Southern System only).

A small, safe amount of chlorine disinfects the water; then the water is treated to limit corrosion.

RESERVOIRS

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Water is sent to storage tanks until needed.

YOUR TAP

Water comes out of your tap safe to drink.

BOTTLED VS. TAP WATER

Though many people prefer bottled water to tap water for perceived health considerations and taste, both bottled water and tap water must meet strict regulatory standards before they reach the consumer. Bottled water is regulated by the U.S. Food and Drug Administration, while tap water is regulated by the USEPA and the California EPA. Varying factors, such as residence time in the water distribution system, natural mineral content, and residual chlorine from the water disinfection process can impart an unpleasant taste to tap water. Below are some ways that you can improve the taste of tap water. vs vs

Prior to consumption:

- Flush the water from the tap for a couple of seconds.
- Allow the water to air for a period of time.
- Chill the water.
- Use a sink filter attachment or filter pitcher.

Tap water is a bargain relative to the cost of bottled water. Using tap water also alleviates the cost and environmental burden associated with the manufacture, transport, and recycling or disposal of plastic water bottles. Go ahead and give our drinking water a try!

DID YOU KNOW?

Americans use the most bottled water of any nation—about 29 billion plastic bottles per year. The amount of oil required to produce a single plastic water bottle is enough to fill a quarter of that bottle. Filling up a reusable bottle with tap water helps save energy and prevents these plastic bottles from ending up in our landfills and our oceans. It also saves you money; your tap water is free!

SOURCE WATER ASSESSMENT

The SWRCB's Division of Drinking Water conducted an assessment of the Base's drinking water sources during July 2002. The assessment evaluated whether MCB CamPen's groundwater supplies are vulnerable to contamination from activities that occur, or have occurred, on Base. The assessment determined that wells in both water systems are most vulnerable to contamination commonly associated with military installations; chemical or petroleum processing or storage; historic and operational waste dumps and landfills; and airport maintenance and fueling areas. You may request a summary of this assessment by contacting Water Resources Division at 760-725-0602. The complete assessment may be viewed at Water Resources Division, Drinking Water Dept. at Building 2291, Room 7.

HOUSEHOLD HAZARDOUS WASTE

Another way to help protect our source water is to properly dispose of household hazardous waste. These are products that are typically corrosive, toxic, ignitable, or reactive, such as paints, cleaners, oils, batteries, and pesticides. The Housing District Offices provide a free program for the disposal of household hazardous waste. Never throw unwanted hazardous waste into the trash; this may injure workers and contaminate sanitation the environment. Similarly, never dispose of household hazardous waste liquids down your drains, as this also provides an easy pathway for hazardous waste to enter the environment. For questions or for more information on household hazardous waste drop-off points, call the following Housing District Offices at:

•	Del Mar	760-430-0040
•		

- Wire Mountain 760-430-8476
- San Onofre 949-940-9178
- Stuart Mesa 760-430-0694
- DeLuz 760-385-4835
- Mesa
 760-385-5318

SOURCE WATER PROTECTION

Because MCB CamPen's groundwater resources are located near areas where we live and work, our activities have the potential to introduce contaminants into our drinking water supplies. Water runoff from storm and non-stormwater related events can pick up and deposit contaminants into the rivers and streams that recharge our aquifers. Surface water contamination can also harm aquatic life and pollute our beaches. Below are some simple ways you can help us to reduce water pollution, safeguard our drinking water resources and protect the environment:

- Check your car for leaks.
- Take your car to a carwash instead of washing it in the driveway.
- Pick up after your pet.
- Use fertilizers and herbicides sparingly.
- Sweep driveways and sidewalks instead of using a hose.
- Dispose of chemicals properly; never dispose of waste, trash or any materials down storm drains.

For more information on stormwater, or to report illegal discharges into the storm drain system, call the Environmental Security Stormwater Section at 760-763-7880.



WATER CONSERVATION

MCB CamPen's limited groundwater resources are vulnerable to wasteful water-use activities. In order to help conserve our groundwater supplies, please consider your water consumption, and use only the water you need. For more information, please visit the following USEPA site:

HOW YOU CAN HELP

Report leaking faucets, toilets, and irrigation systems to your housing office or the Facilities Customer Service Line.

www.epa.gov/watersense.

DID YOU KNOW?

- California State Governor, Jerry Brown, declared a drought state of emergency on January 17, 2014. Although the drought emergency was called off in 2018 by Governor Brown, it is still important to conserve water. We cannot predict how much precipitation California will receive in the upcoming years.
- 2015 was the warmest year on record in California.
- 2018 had the warmest summer on record in California.
- California's recent drought is the driest period on record.
- Over 10 million California residents live in a drought-susceptible area.

QUESTIONS?

Marine Corps Installations West—Marine Corps Base, Camp Pendleton is committed to providing safe drinking water for the Marines, their families, and all who live and work aboard MCB CamPen. We are happy to answer any questions you may have or provide you with additional information. You may also request that a hard copy of this report be mailed to you. See page 12 for contact information. Use a spray nozzle that allows you to adjust or stop flow. Wash only full loads of laundry and dishes. Do not leave water running unattended.

Sweep driveways and sidewalks instead of hosing. Take short, five-minute showers.

Run water only when using it, **not** while brushing teeth, shaving or washing counters.

CONTACT INFORMATION AND ADDITIONAL RESOURCES

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FOR QUESTIONS, COMMENTS, OR TO REQUEST A HARD COPY OF THIS REPORT:

Water Resources Division 760-725-0602

FOR MORE INFORMATION ON FLUORIDE:

SWRCB, Division of Drinking Water http://www.waterboards.ca.gov/ drinking_water/ certlic/drinkingwater/ Fluoridation.shtml

Department of Health & Human Services CDC http://www.cdc.gov/fluoridation/index.htm

HOUSEHOLD HAZARDOUS WASTE DROP-OFF POINTS OR TO REPORT LEAKS:

Base Housing Offices

760-430-0040
760-430-8476
949-940-9178
760-430-0694
760-385-4835
760-385-5318

Facilities Maintenance Division (FMD) Customer Service Line 760-725-4683

ADDITIONAL DRINKING WATER RESOURCES:

SWRCB, Division of Drinking Water http://www.waterboards.ca.gov/drinking_water/ programs/index.shtml

California Office of Environmental Health Hazard Assessment www.oehha.ca.gov/water.html

USEPA http://water.epa.gov/drink USEPA Safe Drinking Water Hotline I-800-426-4791

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