

YOUR DRINKING WATER 2023 JANUARY - JUNE 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 Jan-June 2023. 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

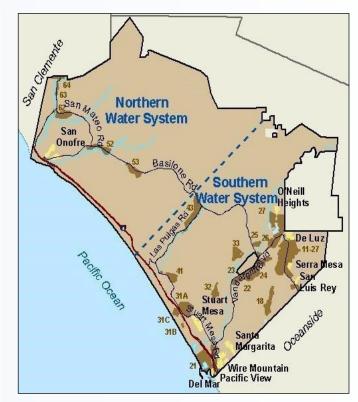
Unlike most of Southern California which relies on imported water supplies, nearly all of MCB CamPen's drinking water comes from local groundwater sources. Wells located on Base supply water to all of MCB CamPen except for San Mateo Point Housing, which receives water from the South Coast Water District. 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 along with the South-North pipeline.

<u>Southern Water System</u>: 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 - 7 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.

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 other Cryptosporidium and 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.

Consumer Confidence Report Detection Level (CCRDL) - A State Water Board calculation presented as a reporting level that was achievable in 90 percent of all negative results. This is not a regulatory limit.

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. Secondary MCL's are set to protect the odor, taste, and appearance of drinking water.

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

<u>MICROSIEMENS PER CENTIMETER (μ S/cM)</u> - A unit of measurement to express electrical conductivity of drinking water. One μ Siemen 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.

<u>PART PER MILLION (PPM)</u> - 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</u> <u>PER LITER (PCI/L)</u> - A unit of measurement to express activity of radionuclide contaminants.</u>

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.

<u>RESPONSE</u> <u>LEVEL (RL)</u> – Recommended chemical concentration at which the water systems consider removing the source or provide treatment.

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.

Inorganics with Primary Drinking Water Standards								
Parameter		Water Northern	System Southern	MCL	PHG	Units	Typical Sources	
	Range	ND	ND - 1.5		0.004			
Arsenic	Average	ND	0.9	10	0.004	ppb	Erosion of natural deposits	
Barium	Range	0.05	0.02- 0.08		2	ppm	Leaching from natural deposits and	
Darium	Average	0.05	0.05	· ·			industrial waste	
Fluoride	Range	0.27	ND - 0.82	2	1	ppm	Erosion of Natural deposits	
(Natural-Source)	Average	0.27	0.41	-		PPm	Liosion of Natural deposits	
	Range	0.57	0.26 – 3.2	10	10	ppm	Runoff and leaching from fertilizer use; erosion of natural deposits	
Nitrate as N	Average	0.57	1.4	10				

Radionuclides with Drinking Water Standards

Parameter		Water System		MCI	PHG		T : 16	
		Northern	Southern	MCL	PHG (MCLG)	Units	Typical Sources	
Gross Alpha ²	Range	ND	ND – 17.7	15	(0)	pCi/L	Erosion of natural deposits	
Gross Alpha	Average	ND	7		(0)			
Uranium ³	Range	ND	1.1 - 18	20	0.43	pCi/L	Erosion of natural deposits	
Granium	Average	ND	9.6	20	0.45	р с //С	Li osion or natural deposits	

²Compliance 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 of 15 pCi/L.. ³ Uranium testing is determined from a trigger level of 5 pCi/L of Gross Alpha. In the Northern System no Uranium tests were triggered between Jan - June 2023.

Disinfectants and Disinfection Byproducts with Primary Drinking Water Standards

Parameter		Water System		MCL	PHG	Units	Typical Sources	
i ai airietei		Northern	Southern	[MRDL]	[MRDLG]	Units	i ypical sources	
Total Chlorine Residual	Range	1.54–1.73	1.45-1.63	[4]	[4]	שחח	Drinking water disinfectant added	
rotar Chiorine Residuar	Average	1.58	1.53	ניז	ניז ניז	ppm	for treatment	
Haloacetic Acids	Range	2.2 – 20	2.0 – 9.2	60	None	ppb	Byproduct of drinking water	
Taloacetic Acids	Average	8.1	5.8	00	INONE		disinfection	
Total Tribalomethanes ⁴	tal Trihalomethanes ⁴ Range 10 - 62 5.8 - 57 80 Average 33 35	None	pph	Byproduct of drinking water disinfection				
rotar rimalomethalles			ррр					

⁴ Compliance 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 for four consecutive quarters in 2022 - 2023.

	Bacteriological with Primary Drinking Water Standards								
	Parameter		Water System		MCL	PHG (MCLG)	Units	Typical Sources	
Í			Northern	Southern		(MCLG)		<i>"</i>	
	Escherichia coli (E.coli) Bacteria	E.coli Positive	ND	ND	0	0	P/A	Microbial contaminate that may come from sewage treatment plants, septic systems and wildlife	

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 or less than 5% of the total test positive. The Southern Water System complies with the MCL when no more than 5% of monthly samples tests positive. The Southern System was in compliance for this 6-month period while the Northern system was out of compliance in June at 10.6% prompting a level I assessment. Please see page 9 for more information on the Revised Total Coliform Rule.

Contaminants with Secondary Drinking Water Standards

Parameter		Water	System	MCL	PHG	Units	Turnical Sources	
Parameter		Northern	Southern	(SMCL)	(MCLG)	Units	Typical Sources	
Chloride	Range	86	53 - 230	(500)	Nene		Runoff/leaching from natural	
Chioride	Average	86	139	(500)	None	ррт	deposits	
	Range	ND	ND - 0.15	(1.0)	Niene		Internal corrosion of plumbing,	
Copper	Average	ND	0.058	(1.0)	(1.0) None	ppm	erosion of natural deposits	
Sulfate	Range ND 61 - 200	Nissa		Runoff/leaching from natural				
Sunace	Average	ND	92	(500)	None	ppm	deposits	
Specific Conductance	Range	750	420 - 1400	(1(00)	News	None µS/cm		Substances that form ions when
Specific Conductance	Average	750	750	(1600)	None		in water	
Total Dissolved Solids	Range	430	240 - 810	(1000)			Runoff/leaching from natural	
Total Dissolved Solids	Average	430	363	(1000)	None	ррт	deposits	
Turbidity	Range	0.35	ND - 0.2		N		Soil runoff	
	Average	0.35	0.12	(5)	None	NTU		

Tap Water Monitoring for Lead and Copper

Parameter		Water System		AL	PHG	Units	Typical Sources
		Northern	Southern		me	Onics	i ypical sources
Copper⁵	Samples > AL	0 of 30	0 of 30	1.2	0.2		Internal corrosion of household plumbing systems
Соррсі	90th percentile	0.41	0.09	1.3	0.3	ррт	
Lead⁵	Samples > AL	0 of 30	0 of 30				Internal corrosion of household
Lead	90th percentile	ND	ND	15	0.2	ppb	plumbing systems

⁵Camp Pendleton is required to do lead and copper testing once every three years so these are the latest results. Both the Northern and Southern Water Systems were in compliance with the lead and copper Action Levels during 2022. 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. The next sampling is scheduled in September 2025.

Unregulated Contaminant Monitoring Rule 4(UCMR4) ⁶															
Demonstern		Water	System	NL	PHG	Units	Traciant Correcto								
Parameter		Northern	Southern	INL	PHG	Units	Typical Sources								
Manager	Range	ND	0 - 0.95	500	News		l an abia a farana a sa anal								
Manganese	Average	ND	0.28	500	None	ppb	Leaching from natural deposits								
Duemide	Range	170 - 290	0 - 610	None	N	N		N		N	N	N	News	h	Naturally present in the
Bromide	Average	217	425		None	ppb	environment								
	Range	0.8 - 7.6	2.9 - 8.0								Byproduct of drinking				
HAA5	Average	4.3	5.2	None	None	ppb	water disinfection								
	Range	0.6 –17.0	8.5 – 18.7	N1	NI		Byproduct of drinking								
HAA6Br	Average	10.9	12.9	None	None	ppb	water disinfection								
114.40	Range	0.8—18.0	8.5 - 21.6		Niene		Byproduct of drinking								
HAA9	Average	11.7	15.5	None	None	ppb	water disinfection								

⁶Testing for these contaminants was performed in accordance with the USEPA's Fourth Unregulated Contaminant Monitoring Rule (UCMR4). Unregulated contaminant monitoring helps the USEPA and SWRCB to determine where certain contaminants occur and whether the contaminants need to be regulated. Both the Southern and Northern Water Systems were sampled in 2020.

Monitoring for Other Contaminants

Fionicoring for Oci			System						
Parameter		Northern	Southern	NL (HA)	PHG	CCRDL	Units	Typical Sources	
Perfluorooctane Sulfonic	Range	4.6 - 43	ND – 8.5	. ,		_	_		
Acid (PFOS)	Average	15.6	3.6	6.5	None	4	ppt	Industrial use chemical	
Perfluorooctanoic Acid	Range	ND-8.4	ND – 7.2						
(PFOA)	Average	1.1	0.64	5.1	None	4	ppt	Industrial use chemical	
Perfluorobutanesulfonic	Range	ND – 12	ND- 7.8	500	None	3	ppt	Industrial use chemical	
Acid (PFBS)	Average	5.3	2.7	500					
Perfluorohexanesulfonic	Range	4.8 - 49	ND- 10	03 N	None	3	ppt	Industrial use chemical	
Acid (PFHXS)	Average	21	4.3						
Perfluoroheptanoic	Range	ND – 7.7	ND	NA	None	3	ppt	Industrial use chemical	
Acid (PFHpA)	Average	0.74	ND					No regulatory limits	
Perfluorohexanoic	Range	ND - 13	ND – 3.8	NA	None	3	ppt	Industrial use chemical	
Acid (PFHxA)	Average	1.6	0.3					No regulatory limits	
Perfluorobutanonic	Range	ND – 9.7	ND			-		Industrial use chemical	
Acid (PFBA)	Average	2.8	ND	NA	None	5	ppt	No regulatory limits	
Perfluoropentanesulfonic	Range	ND – 9.2	ND	NA	None	4	ppt	Industrial use chemical	
Acid (PFPeS)	Average	3.4	ND		None	Ţ	ppt	No regulatory limits	
Perfluoropentanonic Acid (PFPeA)	Range	ND – 14	ND – 4.1	NA	None	ne 3	ppt	Industrial use chemical	
	Average	1.6	0.27					No regulatory limits	

Sodium and Hardness							
Demonstern		Water	System	NII	PHG	Linite	Traciant Correcto
Parameter		Northern	Southern	NL	PHG	Units	Typical Sources
	Range	NA	46 - 150				
Sodium	Average	68	99	None	None	ррт	Leaching from natural deposits
Total Hardness	Range	NA	85 - 360	None	None	ppm	Netwolk
i otar i fai dhess	Average	230	144	None			Naturally occurring minerals

2023 CONSUMER NOTIFICATIONS

What are per- and polyfluoroalkyl substances and where do they come from?

Per- and polyfluoroalkyl substances (PFAS) are a group of thousands of man-made chemicals. PFAS have been used in a variety of industrial and consumer products around the globe, including in the U.S., for decades. Due to their widespread use and environmental persistence, most people in the United States have been exposed to certain PFAS. PFAS have been used to make coatings abs products that are used as oil and water repellents or carpets, clothing, paper packaging for food and cookware. They are also contained in some foams (aqueous film-forming foam or AFFF) used for fighting petroleum fires.

Is there a federal or California regulation for PFAS in drinking water?

There is currently no federal drinking water standard for any PFAS compounds. In May 2016, the U.S. Environmental Protection Agency (EPA) established a lifetime drinking water health advisory (HA) level of 70 parts per trillion (ppt) for individual or combined concentrations of perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS). In 2023 the HA limit was met for PFOA and PFOS in both North and South systems. Both chemicals are types of PFAS.

In California there is not a PFAS drinking water regulation.

The Department of Defense (DoD) issued a policy in 2020 to monitor drinking water for PFAS at all DoD owned and operated water systems at a minimum of every three years. The DoD policy states that is a water sampling results confirm that drinking water contains PFOA and PFOS at individual or combine concentrations greater than the 2016 EPA HA level of 70 ppt, water systems would 1) take immediate action to reduce exposure to PFOS or PFOA, to include providing alternative drinking water: and 2) undertake additional sampling to assess the level, scope, and localized source of contamination.

What about the EPA's 2022 Interim Health Advisories or proposed regulations?

EPA issued interim Health Advisories for PFOS and PFOA in 2022. However these newer levels are below quantifiable limits (i.e., below detection levels). EPA is expected to issue a proposed regulation on PFAS in drinking water standards for public comment in the next few months. DoD looks forward to the clarity that a nationwide regulatory standard for PFOS and PFOA in drinking water will provide. In anticipation of this EPA drinking water regulation and to account for emerging science that shows potential health effects of PFOS and PFOA at levels lower than 70 ppt, DoD is evaluating its efforts to address PFAS in drinking water, and what actions we can take to be prepared to incorporate this standard, such as reviewing our current data and collecting additional sampling where necessary. DoD remains committed to communicating and engaging with our communities throughout this process.

Has Camp Pendleton tested its water for PFAS?

Yes, in the first 6 months of 2023 we tested all locations where water enters the distribution system from our treatment plants monthly.

PFAS Detected but PFOA/PFOS were below the 2016 EPA HA.

We are informing you that PFOA and PFOS were detected but below the 2016 EPA HA. Other PFAS compounds covered by the sampling method were detected above the method reporting limit (MRL) but EPA does not have a HA for those compounds at this time. These results are reported on page 6. PFOA and PFOS were below the 2016 EPA HA of 70 parts per trillion, we will continue to monitor the drinking water monthly.

REGULATORY INFORMATION:

LEAD IN DRINKING WATER

Although sampling of residential taps during 2022 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 <u>http://www.epa.gov/lead.</u>

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 California Revised Total Coliform Rule (RTCR). As of July 1, 2021, the RTCR became effective. The revisions include the new Coliform Treatment Technique requirement replacing the Total Coliform MCL, and a new E. coli MCL regulatory limit. The Revised Total coliform Rule establishes a "find-and-fix" approach for investigating and correcting causes of coliform problems within the water distribution system.

During the past year we were required to conduct one level on assessment. One level one assessment was completed. In addition we were required to take one corrective action and we completed one of these actions.

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 Water is sent to storage tanks until needed. YOUR TAP

Water comes out of your tap safe to drink.

VS

BOTTLED VS. TAPWATER

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.

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!

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:



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

Department of Health and Human Services Center for Disease Control and Prevention (CDC)



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 sanitation workers and contaminate 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:

٠	Del Mar	760-430-0040

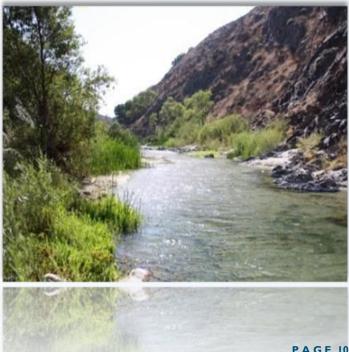
- Wire Mountain 760-430-8476
- San Onofre 949-940-9178
- Stuart Mesa 760-430-0694
- DeLuz 760-385-4835
- Mesa 760-385-5318

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, G a v i n Newsom, proclaimed a drought state of emergency on October 19, 2021. The State Water Board adopted it in early 2022 so 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.
- 2021 had the warmest summer on record in California.
- 2021 was the driest year in over a century
- California's recent drought is the driest period on record.

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 13 for contact information. Use a spray nozzle that allows you to adjust and 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

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

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

Public Works Department (PWD) 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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