

Did you know that only 1% of the world's water is suitable for human consumption?

The Combat Center isn't just changing the way it conserves water today, it's planning for the future, too! The WCTF is developing a Water Conservation Plan that consists of 6 key elements directly from the CG's Policy: Management & Tracking, Education & Outreach, Infrastructure Assessment, Regulations & Enforcement, Operations & Maintenance, and Research & Development. These 6 elements will serve as a "roadmap" for conservation and planning at MCAGCC. The plan will analyze current efforts and provide suggestions for future courses of action, allowing MCAGCC to continue to be a good environmental steward.

MCAGCC utilizes AstroTurf to reduce the irrigation demands of green space.



MCAGCC is looking into the future at how the installation can better conserve water. Here are a few future projects:

Short-Term

- Developing public outreach brochures & news articles.
- Working with Public Works Department, Marine Corps Community Services, and Lincoln Military Housing to reduce irrigation time & frequency.
- Continue installing low-flow and water-wise fixtures in both new and older buildings.

Long-Term

- Continuing green space (i.e., grass area) reductions.
- Optimizing the wastewater treatment plant for maximum water reuse.
- Developing an installation-wide Water Conservation Plan.
- Developing a matrix for tracking the success of conservation efforts.
- Removing or altering Ocotillo Ponds to reduce evaporation loss.
- Constructing dedicated car wash sites where used water is collected, recycled, and reused.
- Expanding recycled water irrigation system to the parade deck and other fields.
- Installing additional artificial turf in various areas.
- Constructing a system for capturing and utilizing rain water.



For more information, call the NREA Water Resources Manager at 760-830-7883 or visit www.green29.org.

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To report water wasting, call our **HOTLINE: 760-830-SAVE (7283)**.



MARINE CORPS AIR GROUND COMBAT CENTER
WATER CONSERVATION



WATER CONSERVATION IS EVERYONE'S RESPONSIBILITY.



Water is a precious commodity, especially in California, which is why MCAGCC is doing all it can to ensure this resource isn't just going down the drain. California is experiencing an unprecedented drought with no relief in sight. Governor Brown declared a State of Emergency in 2014 and the state adopted new legislation to impose restrictions on water use. MCAGCC is committed to water conservation during this drought and into the future to ensure this precious resource and ultimately, the mission of the Marine Corps.

MCAGCC is leading the charge in water conservation with the development of the Commanding General's Policy and the recently chartered Water Conservation Task Force (WCTF). The WCTF is charged with seeking new methods of conserving water and educating everyone who lives and works aboard the installation. The WCTF has already implemented a number of new water conservation practices across the installation.



Here are some facts about water conservation at MCAGCC:

1. ALL potable water (e.g., irrigation, family housing, MCCS fields and car wash, tactical vehicle wash racks, etc.) comes from the Surprise Springs Sub-basin. Water is extracted by 11 production wells at a depth between 500 and 700 feet below ground surface.
2. MCAGCC has begun landscaping with native and drought-resistant plants, rocks, and artificial turf, reducing the amount of water used for garden and lawn irrigation, while maintaining maximum curb appeal.
3. NO potable water is used to irrigate the golf course. Instead water treated by MCAGCC's wastewater treatment plant is used. The installation will expand recycled water use to include existing recycled water lines (purple pipe) as it's treatment plant is upgraded.
4. Since 2007, non-housing grass areas at MCAGCC have been reduced from 47 acres to 28 acres, saving 265,232 gallons of water per day from irrigation.

Water from the Surprise Springs Sub-basin is of such high quality that it routinely meets or exceeds all EPA and California Department of Public Health Services water standards without any treatment required other than basic disinfection. As usage continues to draw down water levels, water quality will degrade, forcing MCAGCC to build a water treatment facility and tap into another sub-basin to support water demand at MCAGCC.

**Conserving water is good for all of us.
We can all help by going low-flow!**

"DO" TIPS

1. Check faucets, pipes, and toilets for leaks.
2. Use a broom instead of a hose to clean driveways and sidewalks.
3. Run the dishwasher with only full loads.
4. When doing laundry, match the water level with the size of the load.
5. Limit shower time to between 5-8 minutes to increase water savings.
6. Water your landscaping in the early morning or late evening when temperatures are cooler.

"DO NOT" TIPS

1. **Do NOT** let the hose run while washing your car - use a nozzle that shuts off.
2. **Do NOT** let the faucet run while shaving or brushing your teeth.
3. **Do NOT** use the toilet for an ashtray or wastebasket.
4. **Do NOT** let the faucet run while cleaning vegetables or rinsing dishes.
5. **Do NOT** over water landscaping creating "squishy" lawns and causing runoff to sidewalks and roadways.
6. **Do NOT** use potable water for fountains or decorative water features.

For more tips visit www.green29.org

