

Archived: Wednesday, February 28, 2024 1:06:45 PM

From: [Southern Nevada Water Authority](#)

Sent: Thu, 8 Feb 2024 16:00:01

To: donblv@aol.com

Subject: Water Update from John J. Entsminger

Importance: Normal

Sensitivity: None

Winter 2024 Water Update
from General Manager John J. Entsminger

[View this email in your browser](#)



Arizona, California and Nevada are saving record-setting volumes of Colorado River water in Lake Mead to protect the entire Colorado River system.

States commit to record-setting conservation to protect Colorado River

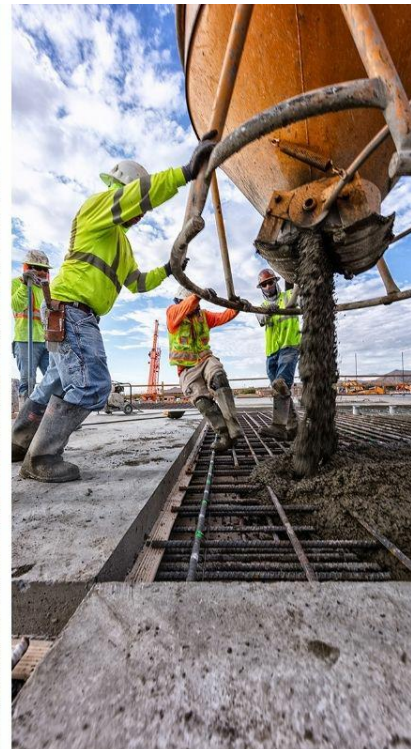
The Bureau of Reclamation is moving the process forward to develop new operating guidelines for the Colorado River that will be in effect after 2026. States, tribes and water users across the Colorado River Basin continue to collaborate on a long-term sustainable plan for the river's stability.

As part of the ongoing process, the Lower Colorado River Basin states of Arizona, California and Nevada have voluntarily conserved more than 1 million acre-feet of water in Lake Mead for the benefit of the entire Colorado River system. The three states have committed to conserve and leave roughly 3 million acre-feet of water in Lake Mead by the end of 2026.

Collective conservation efforts in 2023 by Nevada, Arizona and California resulted in the Lower Basin states having the lowest consumptive water use since 1984.

Last year, Southern Nevada used about 188,000 acre-feet, the lowest annual water use since the early 1990s when the population was 900,000 residents. The community reduced its consumptive use by [enhancing its progressive conservation programs](#).

Hear more about Colorado River water resources and negotiations on the Water Smarts Podcast, "[SURVIVING SHORTAGE: Southern Nevada relies on conservation, future water augmentation](#)."



SNWA collaborated with the business community to develop a Water Investment Rating tool to calculate a new opportunity's impact on Southern Nevada's water supply and whether the business benefits the community.

Water Investment Rating tool is working to

determine water footprint of new businesses

The Southern Nevada Water Authority (SNWA) collaborated with local business leaders to develop a Water Investment Rating tool to help the Las Vegas Valley grow responsibly while protecting its limited water supply.

The rating tool provides a platform by which local and state leaders and businesses can evaluate the water footprint and societal benefit of new industries. The SNWA worked with the Las Vegas Global Economic Alliance (LVGEA) and other economic development groups to create the rating tool, which is a calculation model designed to provide a quantifiable, consistent method for evaluating the water impacts of prospective enterprises.

The assessment operates in two phases.

Phase one determines how much water is going to be delivered to the business' doorstep, and how much of that water can and cannot be recycled. The investment rating tool sets quantifiable measurements for water that cannot be captured and reused.

If a company falls within favorable efficiency and resource impact metrics, it is able to move forward through the economic development process. Consequently, if the new industry falls within unfavorable resource metrics, it is not recommended for development.

New industries that fall within a middle zone during Phase 1 move to the second phase, which assesses the economic and societal benefits of the industry to further determine if it is a good fit for our community. While the second phase requires more qualitative metrics, established measurements help set some objective standards for the review process.

The water investment rating tool is another way that Southern Nevada is innovating to help ensure our community stays water smart.

Learn more about the new rating tool on the Water Smarts Podcast, "[SMART GROWTH: Water Investment Rating tools helps measure water, economic impact of new businesses](#)," or email SNWA at contact.snwa@lwwd.com.





Nevada state law requires decorative grass at HOA entrances, along streetscapes, and at all multi-family and business properties be removed by the end of 2026.

Nonfunctional turf removal deadline quickly approaching

The deadline to replace useless, decorative grass is quickly approaching for commercial complexes, HOAs, government facilities and multi-family properties across the Las Vegas Valley.

A state law passed by the Nevada Legislature in 2021 prohibits the use of Colorado River water to irrigate nonfunctional turf – the decorative grass found in streetscapes, parking lots, medians, HOA entrances and near commercial buildings – starting Jan. 1, 2027. As that deadline creeps closer, there will likely be fewer landscapers available and less product on hand for grass conversion projects.

Through the end of 2024, commercial, HOA and multifamily properties are eligible for a rebate of \$3 per square foot for the first 10,000 square feet of converted grass through the WSL program, and \$1.50 per square foot thereafter. The rebate will decrease to \$2 beginning in 2025, so commercial and multi-family property owners and HOAs are encouraged to act now and replace grass with drip-irrigated trees and plants to take advantage of the \$3 rebate this year.

Through this initiative, Southern Nevada will save 9.5 billion gallons of water annually. Find out how the law may affect your property and apply for the WSL rebate on snwa.com.





Nov - Feb

**WATER ONLY
1 DAY A WEEK
IN WINTER**

IT'S THE LAW!





The Las Vegas Grand Prix installed an atmospheric water generator to capture water vapor exhaust from an existing evaporative cooling tower at the MGM Grand Hotel & Casino to help offset race-related water consumption.

Las Vegas Grand Prix races toward net-zero water consumption

The first Formula 1 Heineken Silver Las Vegas Grand Prix crossed the finish line with several water-saving initiatives to help put the F1 event in the pole position for sustainability.

The Las Vegas Grand Prix installed mechanical cooling systems throughout its pit building instead of water-intensive evaporative cooling systems, which collectively consume about 10 percent of Southern Nevada's limited water supply.

Local ordinances and development codes prohibit the water-cooled systems in new commercial construction projects that submitted building permit applications after Sept. 1, 2023. The pit building construction was well within the timeline to use evaporative cooling, but the race organizers opted to be good water stewards and installed dry-cooled systems as part of its goal to achieve net-zero water consumption.

The F1 organizers and local partners also installed an atmospheric water generator to capture water vapor vented from an existing evaporative cooling tower at the MGM Grand Hotel & Casino to help offset race-related water consumption. The generator condenses moist air vented from the MGM cooling tower into water, which is reused within the cooling system. This reduces demand on our community's water infrastructure and water supply.

The Las Vegas Grand Prix partnered on the atmospheric water generator project with the Southern Nevada Water Authority (SNWA), MGM Resorts International and WaterStart, a nonprofit organization that finds innovative technologies for municipal water agencies.

To help business leaders green flag water-saving solutions for their properties, the SNWA offers the

To help business owners green their water-saving solutions for their properties, we encourage the [Water Efficient Technologies \(WET\)](#) rebate program. Commercial and multifamily property owners who install water-efficient technologies are eligible for a variety of WET cash incentives.

For more information about the [WET rebate](#) and how your facility can participate and achieve a water-saving Grand Slam, visit snwa.com or email our business conservation experts at cashincentives@snwa.com.



Copyright © 2024 Southern Nevada Water Authority, All rights reserved.
You are receiving this new sletter because you signed up at SNWA.com.

Our mailing address is:
Southern Nevada Water Authority
100 City Parkway, Suite 700
Las Vegas, NV 89106

[Add us to your address book](#)

[unsubscribe from this list](#) [update subscription preferences](#)

