

OUR WATER CARE CYCLE

You probably have heard of the water cycle, but did you know that in Southern Nevada, we have a water care cycle?



Here in the desert, our water is a precious resource. In order for us to continue to have safe drinking water, reclaimed water from our wastewater treatment plants must flow into Lake Mead, where it is returned to the environment.

Like the water cycle, the water care cycle involves evaporation, condensation and precipitation. This is first stage of the water care cycle. Moisture from the Pacific Ocean falls over the Rocky Mountains in the form of rain and snow. When the snow melts, it runs into the Colorado River. The Colorado River flows to Lake Mead providing us with drinking water. Once we use the water, it flows through our collection system to one of our wastewater treatment facilities. This is where we “care” for the water. We highly treat and disinfect the water so that it is safe to return back to the environment. Some of the water is reused in parks and facilities, but most of it flows back to Lake Mead.

The Clark County Water Reclamation District has been “caring” for our water for 60 years. Ever since the first drops of water were treated at our Flamingo Water Resource Center, we have been safely returning water to our environment. That is why we are known as the “Clean Water Team”!

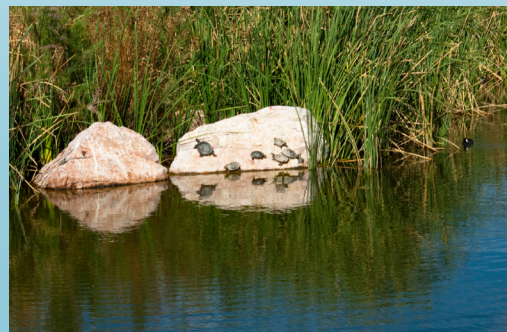
STAGE 4: REUSE

Some of the water is sent to parks and facilities for reuse.



The rest of the reclaimed water flows through the Las Vegas Wash back to Lake Mead.

The water in the Las Vegas Wash provides water for the Wetlands Park Nature Preserve.



Clark County
Water Reclamation
DISTRICT



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STAGE 1: EVAPORATION, CONDENSATION AND PRECIPITATION

Water from the Pacific Ocean evaporates and creates clouds.



As clouds move over the Rocky Mountains, they drop rain and snow.

When the snow melts, it runs off into the Colorado River.



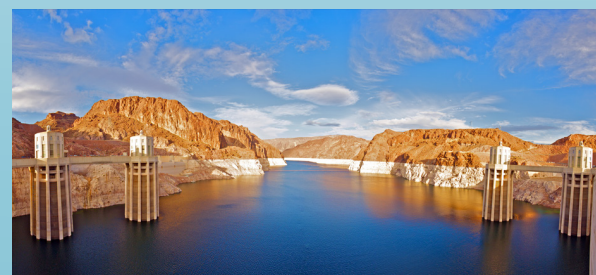
STAGE 2: CONSUMPTION

The Colorado River flows through the states of Colorado, Utah, Arizona, Nevada and California. It also flows through Mexico.



These states depend on the Colorado River for drinking water and irrigation.

The Colorado River flows to Lake Mead, providing drinking water and recreation for Southern Nevada.



STAGE 3: CARE

Water taken from Lake Mead is highly treated and provides a valuable resource for Southern Nevada.



After use the water, it flows to one of our treatment facilities.



The reclaimed water is highly treated and safely returned to the environment.

