

MAXIMIZING CONTROL, MINIMIZING WATER CONSUMPTION

How a property redesign gave Westfield Century City an opportunity to build a better future

When Westfield Century City Mall in Los Angeles, California was undergoing a redesign, planners saw an opportunity to change the way the property handled its water needs. The aim was to reduce reliance on potable water in its cooling system, and instead make use of the groundwater located under the property.



PROBLEM...

Westfield Century City's leaders wanted a water treatment system that reduced water consumption and operating costs associated with their cooling system, but it also had to be safe, and most important of all, effective. The system in place at the time — one reliant on harsh chemicals to treat the cooling water — wasn't going to meet those needs. Capture H₂O had a solution that would.

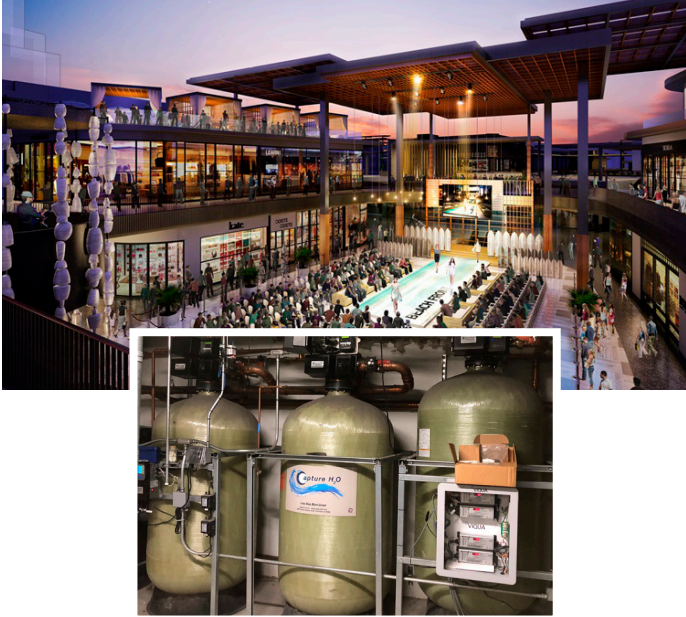
SOLUTION...

A naturally more effective water treatment system

Capture H₂O recommended a system that would allow Century City to capture rainwater and utilize groundwater from beneath the property rather than rely on potable water for its cooling system. Then, to eliminate the use of harsh chemical water treatment, Capture H₂O's High Cycle Program was put in place. It uses a patented program coupling high efficiency softeners with the natural chemistry of the water to control scale, corrosion and bacteria using the water's own chemistry.

The new system maximized control of scale, corrosion and bacteria without exposing workers to harsh, dangerous chemicals. Since implementing the system in 2017, Century City has saved more than 13 million gallons of water to date.

Relying on naturally available water on-site gave Century City a more sustainable, greener water treatment system that is both efficient and effective. Thanks to the success of this initiative, Capture H₂O's systems are planned for more properties in Westfield's portfolio.



“My team and I are grateful for the expertise and service Capture H₂O provides. They provide great control and savings.”

- FRANK DURAN, CHIEF ENGINEER AT WESTFIELD CENTURY CITY



CAPTURE
H₂O

Find out how Capture H₂O can help your business shift to a more sustainable, cost-effective water treatment program at captureh2o.com

CAPTURE H₂O HAS HELPED WESTFIELD CENTURY CITY:

SAVED 5.5 MILLION

GALLONS OF WATER IN 2022 ALONE

SAVED \$47,000

IN WATER SAVINGS ALONE IN 2022

.45 MILLIMETERS

AVERAGE STEEL CORROSION PER YEAR SINCE INCEPTION (UNDER 1.00 IS CONSIDERED EXCELLENT BY AWT).

.03 MILLIMETERS

AVERAGE COPPER CORROSION PER YEAR SINCE INCEPTION (UNDER 0.25 MILLIMETERS IS CONSIDERED VERY GOOD BY AWT).

52% ROI

INITIAL INSTALL WAS \$91,000, 23 MONTH PAYBACK