

# CSU Dominguez Hills Combines Sustainability and Education with HVAC Condensate Reuse System



**Water Savings Incentive Program**

**CaseStudy**

CSU Dominguez Hills Central Plant - Carson, CA

## IMPACT

**4**

campus buildings reuse HVAC condensate

**200**

annual visitors



Central Plant Tour



Condensate Tank

**CSUDH**

CALIFORNIA STATE UNIVERSITY  
DOMINGUEZ HILLS

## PROJECT DESCRIPTION

California State University, Dominguez Hills is located in Carson CA, and prides itself on an education grounded in sustainability, innovation, and community engagement. It exemplifies its commitment in these areas through its heating, ventilation, and air conditioning (HVAC) condensate recovery project. Conceived and designed by observant engineering students, the project captures and reuses high-quality water from HVAC condensation that was previously lost to sewer drains.

The system, installed by CSUDH's Sustainability Office and the Central Plant team, involves a network of clear pipes and tanks to collect condensate from various campus buildings and redirect it for use in the school's cooling towers. Saving approximately 80,000 gallons of water annually, the project has become a living educational lab, attracting over 200 visitors each year, from elementary school classes to industry professionals.

As part of wider-reaching sustainability goals, CSUDH shares this project through tours and hands-on learning, attracting hundreds of visitors annually. Dominguez Hills is amplifying the message of water stewardship far beyond the campus boundaries.

## PROJECT BENEFITS

- Inspiring students and the community to actively seek out solutions for all forms of water waste at all scales
- Reduced maintenance costs and potential for flood damage from drain failures
- Demonstrates CSUDH's education and water conservation commitment
- Prevents water damage from HVAC drain failures



THE METROPOLITAN WATER DISTRICT  
OF SOUTHERN CALIFORNIA



**bewaterwise.com**

## PROGRAM CONTACT

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