

San Mateo County Community College District Includes Innovative Water Savings Technology on 3 Campuses – 13.3 Acres of Turf



CSM College Center



CSM Turf Fields & Track Perimeter



CANADA CAMPUS



SKYLINE CAMPUS

RESULTS

Campus grounds teams are managing turf irrigation, post Aqua Cents installation, with the goal of reducing irrigation by 40%-50% compared with recommended ETC irrigation requirements.

KEY BENEFITS

Water and cost savings resulting from the reduced need for irrigation for a sustained life of 5-7 years

Maintenance of an environment for student interaction and relaxation while reducing water use

Challenge

College of San Mateo (CSM) is one of 3 Campuses that make up the San Mateo County Community College District (SMCCCD). In 2017 CSM worked with CLEAResult engineers to conduct an extensive Water Use Evaluation for the CSM Campus, which includes 850,000 sq. ft. of irrigated landscape (approx. 19 acres).

As a benchmark measurement, CSM utilized **39 million gallons** of water in the 12 months prior to the evaluation, with 74% - approx. **29.3 million gallons -utilized in landscape irrigation.** The campus had previously upgraded to pressure regulated sprinklers in 2014, but challenged themselves further to find additional, innovative solutions to reduce irrigation water use and costs.

Solution

Working with Cal Water, who serves 484,900 customers throughout the state, CSM was able to partner on the cost of utilizing Aqua Cents® on 13.3 acres of turf across SMCCCD's three campus system. Aqua Cents, with its sustained ability to absorb and release stored water, was injected on sports fields, high traffic venues, and essential turf areas that support student relaxation and recreation.

Contact

Aqua Cents Water Management
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Through our sustainability initiatives, SMCCCD aims to advance environmental stewardship that embodies fiscal responsibility within the college and community. The use of Aqua Cents water savings technology furthers our goals of achieving sustainability that also delivers cost savings.

Joe Fullerton
Energy & Sustainability Manager
San Mateo Community College District – May 2019

At SMCCCD our goal is to continuously improve, and to incorporate Best Practices in sustainability. Aqua Cents water savings was an integral part of our District Wide Water Efficiency Program, and sustainability strategy. Aqua Cents provides the ability to enhance our physical environment and green space, while also achieving our goals for cost savings and more efficient use our water resources.

Madeline Willett
Utility & Sustainability Specialist
San Mateo Community College District – May 2019