

# Water Action Plan

**CSU DOMINGUEZ HILLS**

*2020 Calendar Year Update*

## **Office of Sustainability**

---

Tel (310) 243-2303

1000 East Victoria Street  
Carson CA 90747

[www.csudh.edu/sustainability](http://www.csudh.edu/sustainability)  
[sustainability@csudh.edu](mailto:sustainability@csudh.edu)

---

## 2020 Calendar Year Update

### Overall Usage

Since establishing the Water Action Plan in 2017, the campus was able to decrease its overall consumption (reclaimed and potable) of water for yet another consecutive year in a row, decreasing its consumption by an additional 1,474 CCF (or 1,102,552 gallons) compared to the 2019 calendar year, and by 48,365 CCF from 2017 levels (or 36,177,020 gallons).

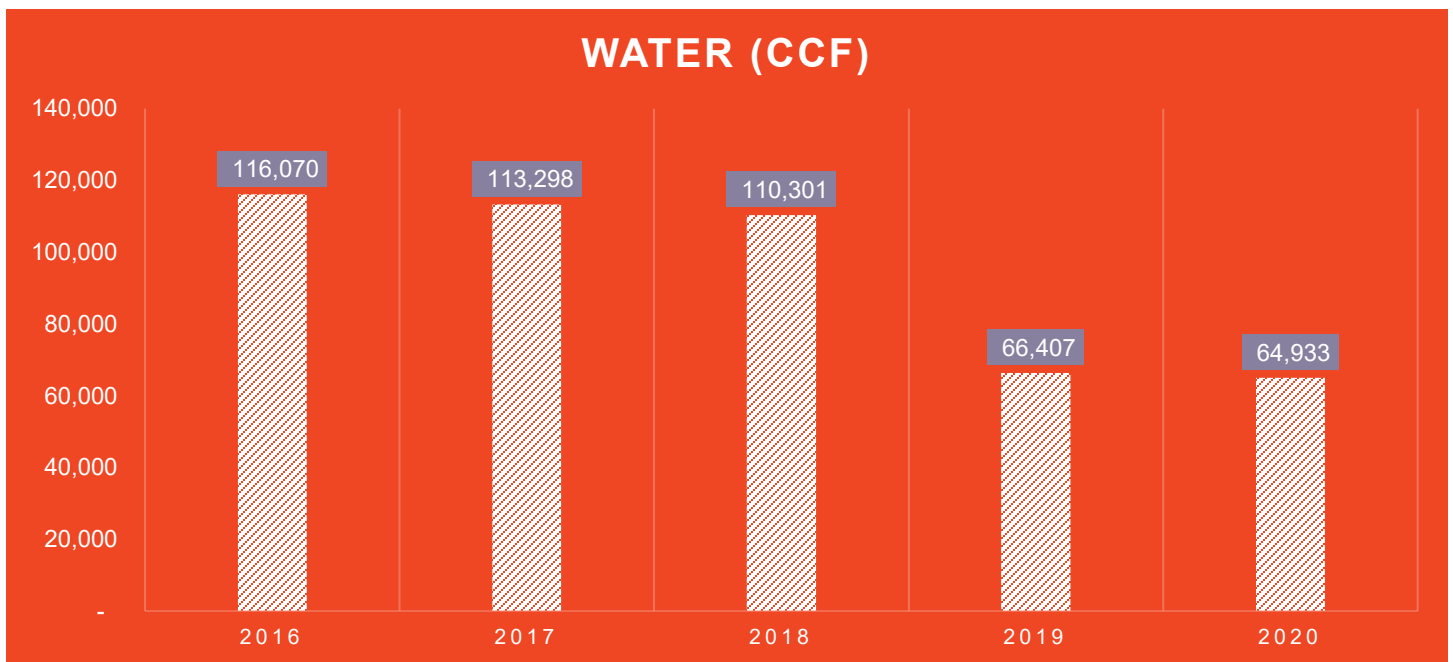


Figure 1- Total campus water consumption by calendar year for CSUDH.

### Reclaimed and Potable Water Usage

Potable water on campus is mostly used for indoor applications, with the exception of landscaping in Housing and parts of Parking Lot 7 while reclaimed water is used exclusively for outdoor irrigation.

Based on the Five Year Water Action Plan, the campus is committed to water conservation targets in all categories: potable water usage, reclaimed water usage, and overall water consumption.

Five-year comparison of actual water consumption in CCF including the 2020 calendar year is included below:

Calendar Year	Potable Water (CCF)	Reclaimed Water (CCF)	Total (CCF)
2016	52,963	63,107	116,070

## 2020 Calendar Year Update

2017	51,561	61,773	113,298
2018	48,587	61,714	110,301
2019	15,369	51,038	66,407
<b>2020</b>	<b>7,842</b>	<b>57,091</b>	<b>64,933</b>

### Water Action Plan Progress

Based on the Five Year Water Action Plan, the campus exceeded its targets in the 2020 calendar year. However, campus users were mostly virtual due to the COVID-19 pandemic starting in March 2020 which significantly reduced indoor water usage on the physical campus.

Category	Goal	2020 CY Usage	Reductions Needed
<i>Net Zero Water: water consumption matches natural water balance</i>	80,228 CCF	64,933 CCF	None (+15,295 CCF)
<i>Chancellor's Office: 20% water conservation from 2013 levels by 2020</i>	76,785 CCF	64,933 CCF	None (+11,852 CCF)
Potable Water: 10% reduction per capita from 2013 levels	2,444.7 gallons/capita (10% from 2013 levels)	367.27 gallons/capita (15,971.2 FTE Employees & Students)	None (+2,077.43 gallons/capita)
Reclaimed Water: 20% reduction from 2013 levels	56,080 CCF	57,091 CCF	<b>1,011 CCF</b>

### 2020 Calendar Year Activities

To support the Water Action Plan's goals, the campus implemented several measures in the 2020 calendar year to support water conservation and efficiency. However, indoor water usage dropped dramatically mostly due to the campus moving to virtual instruction starting in March 2020 due to the COVID-19 pandemic:

- Completion of the new science building in fall 2020 which is a certified LEED Platinum building with highly efficient water fixtures throughout.
- Continued to upgrade the CalWater sensor system to add additional irrigation points for monitoring.
- Enforced code compliance on new toilets and fixtures replacing existing fixtures (1.2 gpm sinks, 1.28 gpf toilets).
- The Sustainable Landscape Committee continued to review landscape projects for ensuring compliance with the Sustainable Landscape Plan which incorporates MWELo standards for irrigation for major capital projects which in 2020 included review of the new INI building (scheduled for completion in Fall 2021).

## 2020 Calendar Year Update

---

- Hired an Irrigation Specialist in October 2020 whose job role focuses on addressing ongoing irrigation leaks and repairs on a full-time basis. This will greatly increase the ability to quickly fix leaks and irrigation issues to minimize water losses.

## Contact Information



Office of Sustainability, Facilities Services  
NSM F-127

California State University Dominguez Hills  
1000 East Victoria Street  
Carson, CA 90747

Tel: (310) 243-2303

[sustainability@csudh.edu](mailto:sustainability@csudh.edu)

*Additional questions?* Contact Sustainability Manager Ellie Perry at [eperry@csudh.edu](mailto:eperry@csudh.edu) or (310) 243-2303