

# Water Action Plan

**CSU DOMINGUEZ HILLS**

*2022 Calendar Year Update*

## **Office of Sustainability**

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## 2022 Calendar Year Update

### Overall Usage

Since establishing the Water Action Plan in 2017, the campus was able to keep its overall consumption (reclaimed and potable) of water well below the established baseline using 34,417 CCF less than 2017 levels.

However, there has been a steady rebound and increase of 40% in reclaimed water usage since 2019 (20,957 CCF) while potable water usage has decreased dramatically (by nearly 45%) in that same time frame (8,483 CCF).

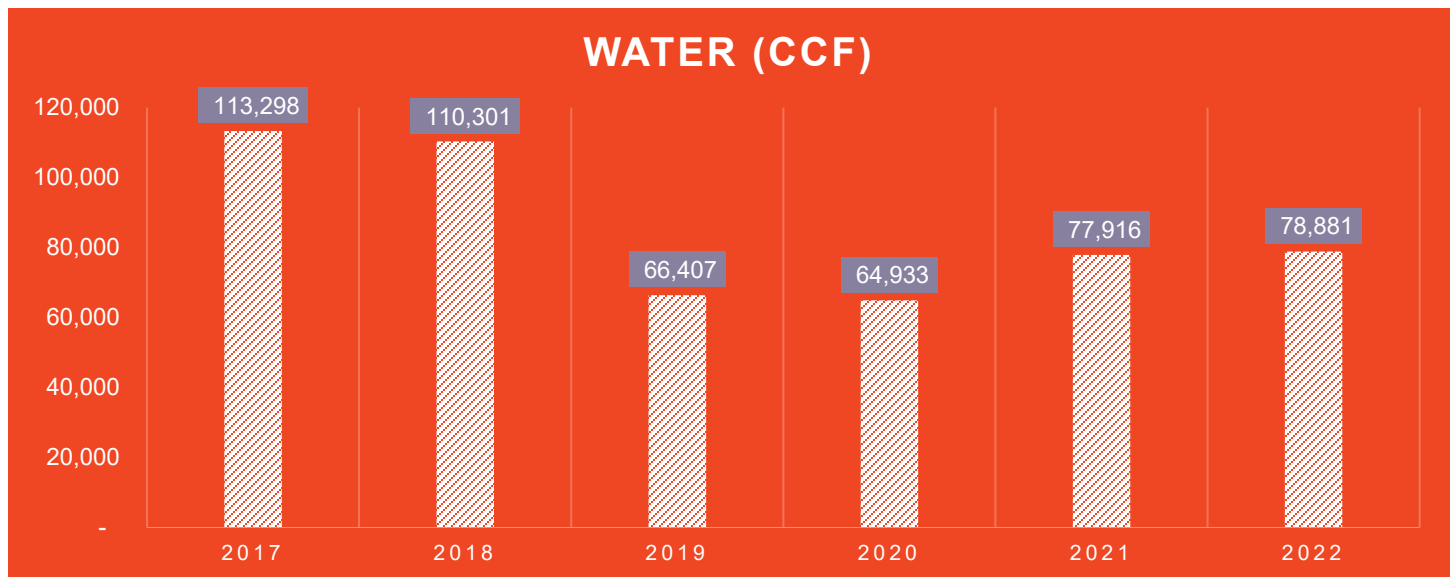


Figure 1- Total campus water consumption by calendar year for CSUDH.

### 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 2022 calendar year is included below:

Calendar Year	Potable Water (CCF)	Reclaimed Water (CCF)	Total (CCF)
2017	51,561	61,773	113,298
2018	48,587	61,714	110,301

## 2022 Calendar Year Update

2019	15,369	51,038	66,407
2020	7,842	57,091	64,933
2021	7,370	70,546	77,916
<b>2022</b>	<b>6,886</b>	<b>71,995</b>	<b>78,881</b>

### Water Action Plan Progress

Based on the Five Year Water Action Plan, the campus exceeded its potable water usage targets in the 2022 calendar year. However, any targets involving reclaimed water usage were not met, as that consumption continues to rise.

Category	Goal	2022 CY Usage	Reductions Needed
<i>Net Zero Water: water consumption matches natural water balance</i>	80,228 CCF	78,881 CCF	None (+1,347 CCF)
<i>Chancellor's Office: 20% water conservation from 2013 levels by 2020</i>	76,785 CCF	78,881 CCF	2,096 CCF
Potable Water: 10% reduction per capita from 2013 levels	2,444.7 gallons/capita (10% from 2013 levels)	371.49 gallons/capita (13,865 FTE Employees & Students)	None (+2,073.21 gallons/capita)
Reclaimed Water: 20% reduction from 2013 levels	56,080 CCF	71,995 CCF	15,915 CCF

### 2022 Calendar Year Activities

To support the Water Action Plan's goals, the campus implemented several measures in the 2022 calendar year to support water conservation and efficiency:

- Began implementing the Restroom Alert program which allows campus users to text in maintenance and other restroom-related issues to Facilities Services. This ensures quicker resolution of leaks and other maintenance issues related to water waste.
- Enforced code compliance on new toilets and fixtures replacing existing fixtures (1.2 gpm sinks, 1.28 gpf toilets).
- Leveraged building-level water meters to identify and fix ongoing water leaks as well as address user issues (e.g. turning on faucets and leaving them on).
- Continued to upgrade the CalWater sensor system to add additional irrigation points for monitoring and to support a full-time Irrigation Specialist position to identify and fix leaks in outdoor watering.
- Began exploring rebate opportunities to reduce high water-using lawn in Housing.

## Contact Information



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