

EOEN14

Water  
Edition

Estates Office Energy News

*"You cannot manage what you cannot measure"*



Please help us conserve Water

Send suggestions to

[estatesenergy@dcu.ie](mailto:estatesenergy@dcu.ie)

Although the weather has changed in the last week or so, Ireland is experiencing drought conditions, and our reservoirs are running low. Hard to believe, but it's true! Whilst we are hearing in the news of potential hose-pipe bans from next week we thought it would be an opportune time to let you know how DCU are getting on with regard to our water conservation efforts, .....and it's a continuing good news story! .....and it's down to all of us!

You may remember from our last EOEN Water Edition Newsletter that in 2018 DCU had continued to reduce our consumption of water down to 225,000m<sup>3</sup>. Well, the 2019 figure has further reduced to just over 200,000m<sup>3</sup>.

Since incorporation our water conservation trends have thrown up some interesting performance indicators. For example, in 2017 each person across our community consumed on average 13,943 litres of water; this reduced to 12,309 in 2018 and in 2019 each person on average consumed 10,662 litres. That's a serious reduction! In 2017 we also set a target of a notional wall around the Croke Park pitch, where if we piped all of our water waste, from all of our campuses, down to GAA HQ, it would require a 20 metre high wall to contain the overall volume of water we flush down the drains. In 2018 the wall height reduced down to 17.6 metres high, and in 2019 the height reduced again to 15.7metres. Let's keep this going! .....and let's not forget that these reductions are reaping significant financial savings too.

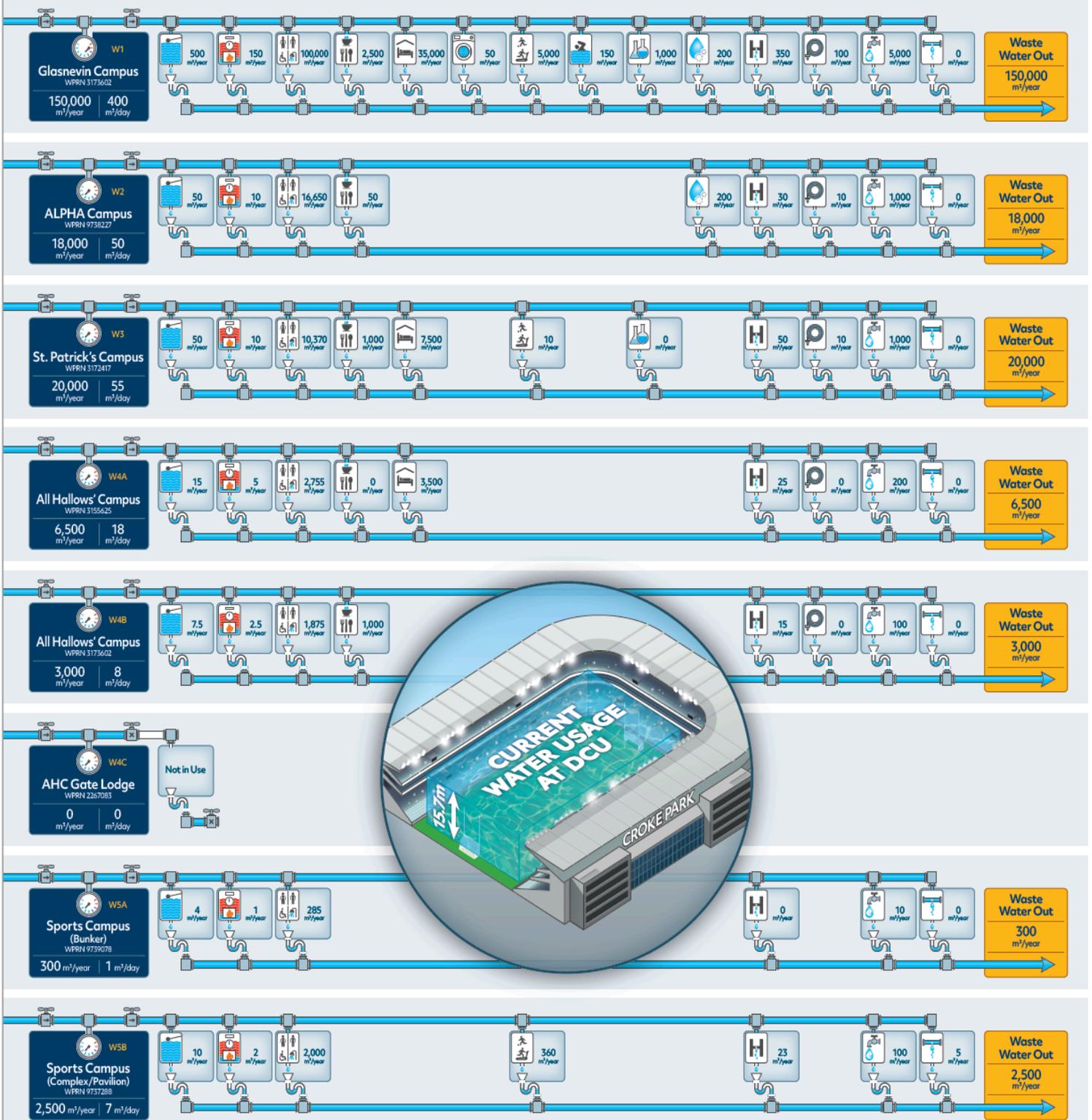
Whether at home or on campus keep trying to conserve water, but remember safety comes first, wash your hands and keep your personal hygiene standards high. But saying that we can still do lots, even in these challenging times: try and understand how much water you use and what you can do to reduce your consumption, take showers over baths, install a rainwater harvesting tank, use a watering can rather than a hose in the garden, fix any dripping taps, and place a basin in your sink when you rinse food to collect the water and use it for your plants.

Overleaf you will see our 2019 DCU Water Balance, and whilst the totalled figures for each metered system are exact, the breakdowns are guesstimates. It's a start and these estimations will lead our sub-metering strategy over the next number of years so that we can determine exactly..... where the water goes!





# Water Balance 2019



NOTE: BREAKDOWNS ARE ESTIMATES ONLY



- WALK
- WATER METER
- COLD WATER STORAGE
- HOT WATER STORAGE
- TOILETS & SHOWERS
- CATERING
- CAMPUS RESIDENCE
- LAUNDRY
- SPORTS
- POOL
- LABS
- PROCESSES
- HYDRANT LEAKS
- IRRIGATION
- UNACCOUNTED WATER
- LEAKS
- DRAIN

