

GOAL 6: Clean Water and Sanitation



VILLANOVA 2030 OBJECTIVE

Attain sustainable water practices at Villanova in terms of potable water, watershed, stormwater, water quality, and wastewater management..

12%

Objective Weight

(Objective weight defined as the portion of the overall Sustainability Plan that this goal represents.)

Metric Metric Description

- 6.1** Total potable water used per year.
- 6.2** Average efficiency of green and best management practice (BMP) infrastructure in terms of reducing peak flow. This includes raingardens, constructed wetlands, and green roofs.
- 6.3** Percentage of rainfall captured from impervious surfaces on campus.
- 6.4** Mass of plastic due to water and beverage consumption sold on Villanova's campus (soda, sports drinks, water, coffee, etc.)

2021 Key Result

- Sub-meter the potable water consumption of the ten highest consumption buildings on campus.
- Measure the peak wastewater discharge from campus.
- Measure the average inches of rainfall captured from impervious surfaces on campus. Evaluate capture systems.
- Reduce the sale and availability of single use plastics by 50%.