

WASTE AUDIT AND ACTION PLAN

PROJECT DESCRIPTION

Everyday items that could be recycled or composted are being thrown in the trash. This greatly increases the volume of waste going to landfills. When landfills fill up, additional land is used that could otherwise be utilized for different purposes. Villanova strives to lessen its contribution to the local landfills by conducting a waste audit to calculate how much recyclable material is misplaced, how much total waste is in each stream, and the amount of post-consumer organic waste is going to the landfill. Auditing waste also helps identify other problem areas and could help avoid hindering the health of marine ecosystems and promote better food management.

PROJECT UPDATES

Waste audit will take place in as many buildings as possible – ones that are up to standards for waste uniformity and ones that do not currently meet the standards – will then compare.

PROJECT OUTCOMES

- Understand campus recycling rate, contamination rate, and waste habits
- Develop an RFI for third party waste audit managers to conduct a campus wide waste audit
- Contract for a campus wide waste audit in Fall 2020

AFFECTED METRICS



Metric	Metric Description	2021 Key Result
2.3	Percentage of food disposed of in a non circular manner.	Divert 100% of pre-consumer food waste from landfill or incineration.
6.1	Mass of plastic due to water and beverage consumption sold on Villanova's campus (soda, sports drinks, water, coffee, etc.).	Reduce the sale and availability of single use plastics by 50%.
12.1	Proportion of total waste disposed of in a non-circular manner.	Conduct a waste audit and develop an action plan.
12.2	Percentage of food disposed of in a non circular manner.	Divert 100% of pre-consumer food waste from landfill or incineration.
12.3	Campus recycling rate.	Conduct a waste audit and develop an action plan.
14.2	Percent of unrecycled plastic waste produced on campus.	Conduct a waste audit and develop an action plan.