



3D Printing Materials Recycling Pilot

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Pilot Program Summary



The Office of Sustainability is sponsoring a pilot to understand the volume of waste that is produced from 3D printers across campus.

This data will help to quantify the environmental impact of this technology and understand the long-term cost of maintaining a 3D Printing Materials Recycling program at Temple University.

We will be utilizing TerraCycle's Zero Waste Box recycling system for 3D printing materials.



Participation in the Pilot



By participating in the pilot, you are agreeing to the following:

1. You will educate lab users about the program to minimize the occurrences of contamination of the Zero Waste Box.
2. You will monitor the container to ensure that it is only used to collect 3D printer waste materials.
3. You will reach out to sustainability@temple.edu when your box is full.

By participating in the pilot, you will receive:

1. Zero Waste Boxes to recycle 3D printing material for one year.
2. Delivery and pick-up of your Zero Waste Box by a Zero Waste EcoRep employed by the Office of Sustainability.
3. Impact reports

Zero Waste Box Program



How does it work?

1. We will arrange to drop-off your first Zero Waste Box at a predetermined date this summer.
2. You can begin collecting waste material generated from your 3D printers immediately.
3. When your box is full, email sustainability@temple.edu to request a pick-up.
4. A Zero Waste EcoRep employed by the Office of Sustainability will switch out the full box with an empty box. After weighing your full box, they will ship it out to TerraCycle for recycling.
5. The Zero Waste EcoRep will send you impact reports at the end of the semester and a final summary report at the end of the pilot.
6. More information about TerraCycle's Zero Waste Box program can be found on the preceding slides.