

Total Volume Inorganic Waste Produced Last Year

Type of waste	amount (ton)					
	Produced		reduced	reused	Treated	
	Last year	This Year			down-cycled	up-cycled
inorganic non-toxic	2.23					
- paper	0.53 Tons					
- plastic	0.32 Tons					
- metal wastes	0.83 Tons					
- Electronic waste	0.13 Tons					
- Glass wastes	0.18 Tons					
- Rubber and Foam	0.22 Tons					
- Chemicals and Laboratory Waste	0.03 Tons					

Paper produced wastes approximately 2 kg per day



Plastic Bottles collected in a day is approximately 1Kg



6-2 Kg of metal are collected every 3 days



Rubber and Foam wastes collected quarterly is approximately 90 Kg

Chemicals and Laboratory Wastes collected in a month is approximately 2 Kg
Link: <https://drive.google.com/file/d/18G6equn3VQCIQamEH-u8s4TcWYzDQ/view?usp=sharing>



At WCC-ATC, inorganic non-toxic waste is managed through targeted efforts of reduction, reuse, and up-cycling. A total of 0.53 tons of paper waste was processed, with 0.10 tons diverted through reduction and 0.43 tons up-cycled for uses like educational materials and eco-design projects. The initiative to digitize office and classroom operations, focusing on the Aviation E-Library, E-Resources, and the Paperless Classroom Initiative, has significantly contributed to this success. These digital-first policies decreased the campus's reliance on printed documents and physical records, strengthening the "Paper Allocation Policy" and the broader Paperless Office Campaign that now oversee administrative and academic workflows. Furthermore, the college fully reused 0.32 tons of plastic waste, mainly through the Plastic Bottle Reuse for Sustainable Campus Greening Program, which transforms used bottles into decorative or functional materials for campus beautification. Similarly, 0.83 tons of metal waste and 0.13 tons of electronic scrap were entirely reused, supporting WCC-ATC's zero-waste goal.

For rubber and foam, totaling 0.22 tons, 0.11 tons were reduced, while chemical and laboratory waste decreased by 0.01 tons out of 0.03 tons produced. Only glass waste (0.18 tons) remained unprocessed, highlighting a potential focus for the next phase of the campus waste management plan. These results confirm the institution's steady move toward sustainable resource management and circular waste practices. The ongoing decline in inorganic waste, strengthened by digital transformation and strong policy enforcement— including the "No Plastic on Fridays" and "Bring Your Own Bottle" campaigns—demonstrates WCC-ATC's proactive approach to environmental stewardship. Collectively, these 2024 measures reflect WCC-ATC's commitment to achieving a zero-waste, paperless, and resource-efficient campus that aligns with both institutional sustainability goals and global environmental standards.