



Approving Official: Vice Chancellor

Responsible Office: Administration

Effective Date: 09/08/2017

1st Revision Date: 04/02/2020

STRATEGY ON WASTE DISPOSAL STRATEGY

Government College Women University Sialkot

1. Purpose and scope:

The purpose of this strategy is to reduce landfill waste by using a waste management hierarchy in the university. The strategy sets some rules and procedures for university faculty, students, and other workers to help in the reduction of the amount of disposal waste produced, segregate into reusable and recycling waste to minimize landfill waste.

2. Strategy:

GC Women University is committed to reducing its environmental impacts through effective waste disposal methods. This strategy helps the university to meet the SDGs. To meet our targets, the university required all staff, students, and contractors to comply with this policy. GCWUS aims to divert at least 80 -85 % of the waste from landfills by the end of 2021-2022 following associated procedures on waste management. The university is responsible to make sure that all the waste generated in the campus should be disposed of by following the waste segregation method at the source site and if there is a possibility to convert this waste into environmentally friendly products (e.g., compost from the organic waste of university). University environmental guidance ensures compliance with all the waste legislations. Any solid waste generated on the campus should be managed and handled in accordance with the compliance criteria. Our commitment is to provide a safe and healthy environment for the staff, employees, students, and visitors.

3. Target:

Total active students in the university are 7800 and 168 faculty members. Approximately 145 metric tons of waste are produced in the university's main campus annually. It includes various types of waste and the target is to manage it safely and provision a healthy environment to all.

4. Rules and Regulations:

The strategy is to protect the environment by following SDGs in accordance with all waste legislative requirements and burnish the institutional reputation.

4.1 Waste minimization at source:

- To minimize the waste generation at source by following waste management hierarchy (prevention, minimization, 3Rs)
- Waste that has the potential that can cause hazards should be stored separately from other types of waste collected and disposed of on regular basis.

4.2 Strategic sourcing:

- Separate all waste into recyclable, organic and non-biodegradable waste.
- Installation of multiple waste bins labeled as organic and recycling waste (paper, plastic, glass, food) at different sites of the university campus.
- Maintaining 90% waste diverted from landfills.

4.3 Waste handling and storage:

- Ensure the safe handling & storage of waste on campus by the university administration.
- University can store hazardous waste for a period not exceeding 90 days and shall maintain a record (sale, transfer, storage, recycling, processing)
- Provision of clearly defined roles and responsibilities to coordinate each activity of waste management.

4.4 3Rs strategy and disposal:

- University should make their recycling programs most successful by making programs inclusive, capitalizing on student interest, finding a market for recyclable products and earning profit.
- Non-biodegradable waste should be disposed of in landfills by considering environmental conditions.

4.5 Monitoring and Audit:

- University management should monitor and audit the management system for all waste to ensure safety and compliance.
- If the waste management is not done properly, so we should audit and review the policy.
- University administration should audit the routine waste collection, record information, and monitor the performance of workers.

4.6 Communication:

- Arrange a seminar in university by Environmental Science Department to encourage all the students and staff about waste management and recycling facilities.
- Meetings will be arranged on regular basis with the waste contractors to audit and to improve waste disposal management working performance.

- Arrange training sessions for workers and the students.
- Sending out Emails and pronouncing the programs in the university social media.

4.7 Responsibilities:

Sector	Roles and Responsibility
Students	Helping in waste segregation and disposing of the waste responsibly by following the GCWUS policy procedure. Report an issue and problem belongs to waste disposal to the “Head of Department” and that problem will be deal by Environmental Science department .
Facility Management	Ensure the waste collection contractors are licensed. Maintain the previous 2 years' data on waste collection, transfer. Provide some other recycling facilities on the university campus e.g. paper recycling. The waste is not stored for more than 90 days that is hazardous.
Sustainable waste management sector (Environmental Science Department)	Provide every guidance on waste disposal. Coordinate with all departments and provide valuable information on waste management and how they participate in reducing landfill waste. Set indicators for checking Environmental performance in different sites of campus. Coordination in solving a problem related to waste disposal and management.
Contractors	Provide all data on risk assessment, collection, transfer, and disposal procedure of waste. Agreed with the contract of GCWUS on waste disposal policy and how the waste is managed.
Tenants	Follow and comply with all the waste management guiding principles

5. Collaborative Committees: (Annexure 7)

Following departmental and central committees are collaborating in the effective implementation of this strategy.

Serial No.	Notified Committee	Notification No.	Date
1.	Camus Management Committee	D/REG/19/3152	02/12/2019
2.	Civil Works Committee	D/REG/19/3291	13/12/2019
3.	Departmental committees, Environmental Science Department	GCWUS/ESE/2020/20,21	10/08/2020
4.	Research Ethics Committee	D/REG/1389	09/08/2017

6. Review Committee

Environment and Sustainability Committee

7. Glossary:

Hazardous Waste: Waste that causes substantial or potential threats to public health or the environment e.g. Acids, Pesticides, Fluorescent Tubes, Alkaline Solutions, Photographic Chemicals, Batteries Waste Oils Paint, Solvents, Computer Monitors, radioactive substances.

General waste: A form of controlled waste, comprising of all waste from the university the exception of fiber, co-mingled recyclables, food waste and hazardous waste.

Recycling: Recycling is a method that is used to convert waste materials into new materials. This mainly includes non-hazardous wastes such as organic waste, wood, paper, glass, cardboard, plastic and scrap metal.

Waste: wastes are materials or substance that is discarded or worthless after use.

Segregation: Any activity where waste is separated according to its properties, for example, electronic waste, radiological waste, organic waste, chemical waste etc.

3Rs: 3Rs is a principle by which we reduce, reuse, and recycle resources and products.

Sustainability: Sustainability means meeting our needs without compromising the ability of future generations to meet their own needs.

8. Violation:

Any violation of this strategy may result in disciplinary action to charge penalties, by the university management.

9. Questions and Concerns:

Questions and Concerns may be directed to the administration team and the Department of Environmental Sciences.