

WASTE MANAGEMENT AND RECYCLING REPORT

Campus Waste Practices, Recycling Initiatives & Sustainability

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Introduction

In line with Saudi Vision 2030, which promotes environmental sustainability and responsible resource management, Alfaisal University has made a deliberate commitment to improving the sustainability of its campus waste management practices. Responsible waste handling is a critical component of any institutional sustainability strategy, and the university has implemented a structured approach to waste collection, segregation, and recycling — reducing the volume of waste sent to landfill and minimizing its overall environmental footprint.

The university manages approximately 3,560 tonnes of waste annually across its campus operations. Dedicated recycling containers have been placed at multiple locations throughout campus to encourage waste segregation at the source, and the university partners with specialized external companies to ensure that collected materials are responsibly processed. Confirmed recyclable streams include paper, plastics, cans, and biohazardous laboratory waste, with approximately 5 tonnes of paper recycled annually through a dedicated paper recycling partner.

Waste monitoring is maintained by the Facility Department through monthly container collection records, contractor collection documents, paper recycling weight records, and biohazardous waste collection documentation. The university is committed to strengthening its waste measurement and reporting practices and has identified several planned initiatives to expand its recycling arrangements and improve overall waste diversion from landfill disposal.

This report, prepared by the Sustainability and Strategic Planning Office in collaboration with the Facility Department, documents the university's current waste management and recycling practices, the types of materials managed, the monitoring systems in place, the partners involved, and the planned initiatives aimed at further reducing campus waste. It also situates these efforts within the framework of Saudi Vision 2030 and the United Nations Sustainable Development Goals.

The primary objectives of the university's waste management programme include:

- Reducing the total volume of waste generated across campus operations.
- Increasing the diversion of waste from landfill through recycling and recovery.
- Ensuring responsible handling of all waste streams, including hazardous and biohazardous materials.
- Maintaining accurate monitoring and reporting of waste generation and recycling performance.
- Engaging with specialist partner companies to ensure compliant and sustainable waste processing.

1. Waste Collection and Sorting Process

Alfaisal University has established a structured approach to waste collection and segregation across its campus. Recycling containers have been placed at multiple locations throughout campus — including offices, open areas, and washrooms — to facilitate the separation of recyclable materials from general waste and promote responsible disposal practices among students, staff, and visitors.

Collection Process

- Dedicated recycling containers are positioned at multiple locations across campus to facilitate the separation of recyclable materials from general waste.
- Campus community members — students, staff, and visitors — are encouraged to segregate waste at the point of disposal through the placement of clearly designated recycling bins.
- General waste is collected using 20-tonne containers by the contracted waste management company (Saham Environmental Services Co. / LANA). The collection company is notified when containers are full and collection is arranged accordingly.
- Monthly container collection records are maintained by the Facility Department.

Sorting and Handover

- Paper waste is collected separately through designated bins and directly from offices, faculty, and staff areas, and is subsequently transferred to Recycle Expert, a dedicated paper recycling company.
- Plastics and cans are collected in designated bins but are subsequently placed in general waste containers. Separate recycling for these materials is not currently verified.
- Biohazardous waste generated from laboratories is collected by Al Heib Co. Ltd, a specialist company, on an as-needed basis under a contractual arrangement.

Total Waste Generated Annually

Approximately 3,560 tonnes/year (2025)

Waste Diverted from Landfill

Approximately 5 tonnes/year of paper confirmed as recycled

General Waste Containers

20-tonne containers, collected by Saham Environmental Services Co. / LANA

Waste Bin Infrastructure

The following photographs illustrate the waste collection infrastructure across the Alfaisal University campus, including office bins, recycling bins, open-area bins, washroom bins, mid-size collection containers, paper recycling collection, and the large 20-tonne waste containers.



Photo 1: Office Waste Bins — Waste bins provided within university office areas.



Photo 2: Recycling Bins — Designated bins provided for collection of recyclable materials.



Photo 3: Open-Area Waste Bins — Waste bins provided in outdoor and common campus areas.



Photo 4: Washroom Waste Bins — Waste bins provided within university washroom facilities.



Photo 5: Mid-Size Waste Containers — Temporary collection before transfer to large waste container.



Photo 6: Paper Recycling Collection — Paper prepared for transfer to the recycling company.



Photo 7: Large Waste Containers — 20-tonne containers used for routine campus waste collection.

2. Types of Recyclable Materials Managed

Alfaisal University manages a range of waste material streams across its campus. The table below details the categories of waste currently collected, whether separate recycling arrangements are in place, and a description of the current handling method for each.

Material Category	Collected (Y/N)	Description
Paper & Cardboard	Y	Collected separately through designated bins and directly from offices; transferred to Recycle Expert, a dedicated paper recycling company.
Plastics	Y	Collected in designated bins; subsequently placed in general waste containers. Separate recycling is not currently verified.
Cans (Aluminium / Steel)	Y	Collected in designated bins; subsequently placed in general waste containers. Separate recycling is not currently verified.
Glass	N	No separate recycling collection currently in place.
Electronic Waste (E-waste)	N	No separate recycling collection currently in place.
Organic / Food Waste	N	No separate recycling collection currently in place.
Hazardous / Biohazardous Waste	Y	Biohazardous waste from laboratories is collected by Al Heib Co. Ltd, a specialist contractor, on an as-needed basis under a contractual arrangement.
Other	N	No other separate recycling stream currently identified.

Total Categories Separately Collected

4 — Paper, Plastics, Cans, and Hazardous / Biohazardous Waste

3. Waste Monitoring and Measurement

Alfaisal University tracks and monitors its waste generation and recycling performance through records maintained by the Facility Department. This section outlines the monitoring systems and key performance data currently in place.

Monitoring Systems

- Facility Department records, including monthly waste-container collection records, contractor collection documents, paper recycling weight records, and biohazardous waste collection documentation.
- Data collection frequency: as required — the waste collection company is notified when containers are full, and collection is arranged accordingly. Monthly container collection records are maintained.
- Responsible department: Facility Department.

Key Performance Data (2025)

~3,560 t Total Waste Generated	Not quantified Overall Recycling Rate	~5 t Paper Recycled Annually
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Note: The overall recycling rate is not currently quantified, as the downstream recycling or recovery route of waste collected through the general waste contractor has not yet been verified. This is identified as a planned initiative for 2026–2027.

Supporting Documentation

The following records are maintained by the Facility Department to support waste monitoring and reporting:



Photo 8: Monthly Waste-Container Collection Record — Waste containers collected by the contracted waste management company.



Mobile: 0559770297 جوال: Customer name: AL FADAIL University اسم العميل:
 Ticket No.: 14138 رقم الأمر: Type: Exchange Service Date: 10/08/26 التاريخ:
 D 459 تسليم تفريغ حاوية 30 ياردة 20 yard piston discharge تفريغ مكبس 20 ياردة
 E P R استبدال 30 yard container unloading 2 yard piston discharge تفريغ مكبس 2 ياردة
 C 506 استعادة 6 yard container unloading 12 yard container unloading تفريغ حاوية 20 ياردة
 deliver: M. HADEIS للمسلم Driver: M. MUBARRAK اسم السائق:
 Customer address: 10LEY AHMAO عنوان العميل: Driver NO: 6 رقم السائق:
 Signature: [Signature] التوقيع: Vehicle: 5803 رقم لوحة المركبة:
 Notes: APC 12-08-2026 ملاحظات:

ترفع الحاوية عند إنتهاء المدة (7) أيام أو عند إمتلاء الحاوية أو عند وجود بلاغ عبر نظام 940 أو أي بلاغ من الجهات المختصة

الإستفسارات : 0506669764

Photo 9: Waste Collection Record — Sample documentation issued by the waste collection company upon container collection.

Recycle Expert
For Carboard Paper, Plastic Recycle
Kingdom of Saudi Arabia - Al Solai / Exit 18
Telefax 2420948
Mob. : 0509577757 - 0590029124

خبراء التدوير
لإعادة تدوير الورق والكرتون والبلاستيك
المنطقة الحرة السعودية - السلي / مخرج ١٨
تلفاكس : ٢٤٢٠٩٤٨
جوال : ٠٥٩٠٠٢٩١٢٤ - ٠٥٠٩٥٧٧٧٥٧

22547 **ENA** **تذكرة ميزان** **23578**
Ticket Balance

U aziz
انعام ورق مفلول
جامعته فيصل رقم السيارة :
Car No.: 2063
Date & Time in : 28/07/2025 11.53 تاريخ ووقت الوزن الأول :
First Weight: 6840 Kg الوزن الأول :
Second Date & Time Out: 28/07/2025 12.11 PM تاريخ ووقت الوزن الثاني :
Second Weight: 4120 Kg الوزن الثاني :
Total Weight: 2720 Kg الإجمالي :
الختم التوقيع
نشترى جميع أنواع الورق والكرتون

Photo 10: Paper Recycling Record — Sample recycling company document confirming the weight of paper received.

شركة الهلب
للحفاظ على البيئة
Al-Heilb CO. Ltd.
To Preserve Environment

14195
MEDICAL WASTE MANIFEST

الشركة GENERATOR	Generator's Name Alfaisal University			اسم المنشأ
	Telephone No/ Mailing Address AL-RIVDH			رقم الهاتف / عنوان بريدي
	Client ID:			تعريف العميل
	Telephone No.			الهاتف
	ID No.			رقم الهوية
	Waste Description HAZARDOUS MEDICAL WASTE	Total Bags مجموع الكيسات	Total Weight الوزن الكلي	وصف النفايات النفايات الطبية الخطرة
	a. Medical waste (Untreated)	02 kils 07 kg		النفايات الطبية (غير المعالجة)
	b. Medical waste (Treated)			النفايات الطبية (المعالجة)
	c. Other Mixed Medical Waste			النفايات الطبية المختلطة الأخرى
	d. Pharmacy / Chemical Waste			نفايات صيدلانية / كيميائية وأخرى
Generator's Certifications: I declare on the behalf of the generator YELLOW				
That the content of this consignment are fully and accurately described above and are classified, package, marked, and labeled in accordance with all applicable to NCEC & MOH regulations, and that I have been authorized, in writing to make such declaration as person in charge of the generator's operation.				
تشهد الشركة: نيابة عن أن محتوى هذه الشحنة موصوف بشكل كامل ودقيق أعلاه وتم تصنيفه وتعبئته ووضع علامة عليه وفقاً لما ينطبق على لوائح NCEC ووزارة الصحة، وأنه قد تم تفويضني كتابياً لتقديم هذا الإقرار كشخص مسؤول من تشغيل الشركة.				
Name md. Akram الاسم Signature Akram التوقيع Date 15-8-2026 التاريخ				
النقل TRANSPORTER	Transporter (Certification of Receipt of Medical Waste as Described in Items)			الناقل (شهادة استلام نفايات طبية كما هو موضح في البنود)
	Car Plate No. 6391 لوحة السيارة Name (printed) SHOHEL اسم Signature Shohel توقيع Date 15-8-2026 التاريخ			
مرفق الوجهة DESTINATION FACILITY	Destination Facility (Certification of Receipt of Medical Waste as Described in accordance with items 10, 11 & 12)			منشأة الوجهة (شهادة استلام النفايات الطبية كما هو موضح وفقاً للبنود 10، 11، 12)
	Name (printed) _____ اسم Signature _____ توقيع Date _____ التاريخ			
	Discrepancy Box (Any Discrepancy should be noted in this box) (يجب ملاحظة أي تناقض في هذا المربع)			

Email : heilbservices@hotmail.com | فرع القصيم : ٥٦٦٣٣٢٣٣ - ٥٤٨١١٤٩٢ | فرع الرياض : ٥٤٧٦٣٣٦٦ - ٥٤٣٣٣٣٢٢ - ٤٥٧٠٥٢ | Qassim Branch: 0566332313 - 0548112492 | Main Branch Riyadh: 0533332002 - 0547632366 - 4057052

شركة الهلب للتجارة والمقاولات
قسم نظافة المدن وحماية البيئة

Photo 11: Hazardous / Biohazardous Waste Collection Record — Sample collection document issued by the specialist biohazardous waste company upon waste collection.

4. Recycling Initiatives and Programmes

This section outlines the specific recycling initiatives and sustainability programmes that Alfaisal University has implemented or is currently operating on campus.

Current Initiatives

- Dedicated recycling containers placed at multiple campus locations for paper, plastics, and cans.
- Paper recycling programme in partnership with Recycle Expert, with confirmed weight records of paper collected and recycled.
- Biohazardous waste management programme for laboratory waste, managed through a specialist contractor (Al Heib Co. Ltd) on an as-needed contractual basis.
- General waste management contract with Saham Environmental Services Co. / LANA for routine campus waste collection using 20-tonne containers.

5. Waste Management Partner Companies

Alfaisal University collaborates with three external companies to ensure that waste is collected, processed, and where applicable, recycled in a responsible and compliant manner. The following partners are currently engaged in the university's waste management operations.

Company Name	Service Provided	Scope / Coverage
Saham Environmental Services Co. / LANA	General waste collection using 20-tonne containers	University campus — campus-wide
Recycle Expert	Paper collection and recycling	University campus — campus-wide
Al Heib Co. Ltd	Collection and specialist handling of laboratory biohazardous waste	University campus — mainly laboratories
Total Partner Companies	3 — Saham Environmental Services Co. / LANA, Recycle Expert, Al Heib Co. Ltd	

6. Future Plans and Waste Reduction Targets

Alfaisal University is committed to continuously improving its waste management performance. The following initiatives are planned to further reduce campus waste generation, increase recycling rates, and strengthen sustainability outcomes.

Initiative	Description	Timeline	Status
Verify downstream treatment	Confirm whether waste collected by the general waste contractor is recycled, recovered, or disposed of, and obtain supporting records.	2026–2027	Planned
Expand recycling	Explore practical recycling arrangements for separately collected plastics and cans.	2026–2027	Planned
Improve waste measurement	Strengthen measurement and reporting of waste streams, recycling quantities, and diversion from landfill.	2026–2027	Planned

7. Alignment with Sustainability and Saudi Vision 2030

Alfaisal University's waste management and recycling initiatives align with the objectives of Saudi Vision 2030 and the United Nations Sustainable Development Goals, reinforcing the university's commitment to responsible resource management and environmental sustainability.

Framework	Contribution
SDG 12 — Responsible Consumption and Production	Promotes responsible waste management, segregation at source, and recycling, reducing overall material waste and encouraging sustainable consumption practices.
SDG 13 — Climate Action	Reduces greenhouse gas emissions associated with landfill waste decomposition through diversion of recyclable materials, particularly paper, from landfill.
SDG 15 — Life on Land	Minimises environmental contamination from improper waste disposal, particularly biohazardous waste, through specialist contractor management.
Saudi Vision 2030 — Environmental Sustainability	Aligns with national goals to reduce waste, improve recycling infrastructure, and promote responsible resource use across institutions.
Saudi Vision 2030 — Quality of Life	Contributes to a cleaner, healthier campus environment that supports the well-being of students, staff, and visitors.
Saudi Green Initiative	Supports the broader national agenda of reducing carbon emissions and promoting sustainable environmental practices across institutions.

8. Conclusion

Alfaisal University is committed to responsible and sustainable campus waste management. The university currently manages approximately 3,560 tonnes of waste annually, with dedicated collection infrastructure across campus including recycling bins for paper, plastics, and cans, large general waste containers serviced by a contracted company, and a specialist biohazardous waste management arrangement for laboratory waste.

Paper recycling is confirmed through a partnership with Recycle Expert, with approximately 5 tonnes of paper recycled annually. Biohazardous waste is managed through Al Heib Co. Ltd under a specialist contractual arrangement. General waste is collected by Saham Environmental Services Co. / LANA using 20-tonne containers, with monthly collection records maintained by the Facility Department.

Three planned initiatives for 2026–2027 aim to verify the downstream treatment of general waste, expand recycling arrangements for plastics and cans, and strengthen overall waste measurement and reporting. Through these efforts, Alfaisal University reinforces its commitment to Saudi Vision 2030, the Saudi Green Initiative, and the United Nations Sustainable Development Goals, contributing to a cleaner, more sustainable campus and broader national environmental objectives.