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Cardiff and Vale  
University Health Board

# **Cardiff and Vale University Health Board**

## **Waste Policy Statement**

### **Wedal Road Waste Compound**

**Date: 5<sup>th</sup> June 2025**

**Prepared by: Waste Management Department**

**Cardiff and Vale UHB**

## **Contribution to National Waste Policy**

This proposal supports the objectives of 'Towards Zero Waste' and the Collections, Infrastructure and Markets Sector Plan by:

- Facilitating the segregation and temporary storage of recyclable materials.
- Supporting efficient collection logistics by contractors, reducing unnecessary transport emissions.
- Promoting reuse and recycling in line with the waste hierarchy.

## **Policy Compliance**

The proposed use of the Wedal Road site aligns with:

- Local Development Plan (LDP) policies on sustainable waste management.
- TAN 21 guidance on appropriate siting and use of existing infrastructure for waste purposes.
- The proximity principle, ensuring waste is managed close to its source.

## **Demand and Capacity**

The proposed facility at Wedal Road will serve the Cardiff and Vale University Health Board's University Hospital of Wales (UHW) site, which currently generates approximately 230 tonnes of recyclable waste annually. Projected demand has been calculated based on existing waste generation data from UHB facilities, with an anticipated growth rate of 5–10% factored in to accommodate future increases.

The compound will be designed to accommodate segregated recycling streams, including paper and card, plastics, metals, and cardboard. It is expected that the facility will manage approximately 63% of the recyclable waste generated at the UHW site, supporting compliance with statutory waste separation requirements and enhancing overall waste management efficiency.

## **Market Identification**

Recyclable waste from the Wedal Road facility will be collected by licensed waste contractors and transported to authorised recycling centres for processing. The current designated processing site is Nationwide Works, Viking Place, Roath Dock, Cardiff, South Glamorgan, CF10 4TS.

Contractors are selected based on their ability to meet all relevant regulatory and environmental standards. The current service provider under contract is BIFFA Waste Services Limited, a licensed operator with a proven track record in compliant and sustainable waste management.

## **Capacity Shortfall**

The proposal seeks to address a current shortfall in on-site waste storage capacity at the University Hospital of Wales (UHW) site. At present, recyclable waste is stored and collected in a single mixed container. However, compliance with the Waste Separation Requirements (Wales) Regulations 2023 will necessitate the segregation of recyclable materials into separate containers for collection. Due to existing spatial constraints, the UHW site does not

currently have the capacity to accommodate the additional containers required for compliant waste separation and storage.

Centralising waste storage at the Wedal Road facility enhances operational efficiency and ensures compliance with waste management regulations. This approach facilitates the provision of additional containers necessary for the proper segregation, storage, and collection of recyclable materials in accordance with regulatory requirements.

## **Consultation**

Pre-application discussions have been held with:

**Cardiff Council Planning Department:** Informal pre-application discussions were held with Cardiff Council and no objections were raised to the principle of the use.

**Natural Resource Wales:** Initial discussions with Natural Resources Wales, held on 29 May 2025, addressed the following key areas:

- Compliance obligations under the Waste Separation Requirements (Wales) Regulations 2023
- Identification of potential waste streams to be stored at the proposed facility
- Clarification of any applicable registration, permits or exemption requirements

Ongoing engagement with NRW will continue throughout the implementation phase to ensure full regulatory compliance and alignment with environmental best practices.

**Internal Cardiff and Vale UHB Capital Estates and Facilities Teams:** Ongoing collaboration between the University Health Board's Waste Management and Capital Planning teams has focused on the following key areas:

- Ensuring compliance with the Waste Separation Requirements (Wales) Regulations 2023
- Assessing current facilities and identifying spatial constraints at the UHW site
- Determining additional space and resource requirements to support regulatory compliance
- Planning the logistics of waste transfer, storage, and collection to and from the Wedal Road facility
- Evaluating staffing, equipment, and operational resource needs
- Establishing monitoring and control measures to manage risks and ensure effective operation of the new facility at Wedal Road
- Addressing health and safety considerations for staff and contractors involved in waste handling and transport
- Minimising environmental impact through efficient transport routes and sustainable waste practices
- Managing financial implications, including capital investment and ongoing operational costs
- Developing contingency plans to mitigate potential disruptions in service or capacity

- Implementing performance monitoring and reporting mechanisms to support continuous improvement
- Facilitating clear communication and coordination with internal stakeholders and external partners

### **Waste Hierarchy Declaration**

The proposal has been developed in alignment with the principles of the waste hierarchy, with a clear emphasis on prioritising:

**Prevention:** The scheme encourages waste prevention by streamlining waste handling processes and raising awareness of regulatory compliance. By enhancing recycling operations, it supports better oversight and education around reducing waste generation at source, particularly at the UHW site.

**Reuse:** While the primary focus is on recycling, the additional facility at Wedal Road allows for improved sorting and identification of materials that may be suitable for reuse before being processed as waste. This supports the reuse of items such as furniture, equipment, or containers where feasible.

**Recycling:** This is the core driver of the proposed scheme. The Waste Separation Requirements (Wales) Regulations 2023 mandate the separate collection of recyclable materials (e.g., paper, glass, plastics, metals, food waste). The UHW site currently lacks the space to accommodate the additional containers required for this separation. By relocating storage to Wedal Road, the scheme enables full compliance with these regulations, ensuring that recyclable waste streams are properly segregated and stored for collection by contractors.

**Recovery:** Although not the primary focus, the improved segregation at Wedal Road enhances the potential for energy recovery from non-recyclable waste streams. Proper sorting ensures that only appropriate materials are directed to recovery processes, reducing contamination and improving efficiency.

**Disposal (only where necessary):** The scheme minimises reliance on disposal by prioritising the upper tiers of the hierarchy. Only residual waste that cannot be prevented, reused, recycled, or recovered will be sent for disposal, in line with regulatory expectations.

## **Development**

### **Timescale**

**Operational Lifespan:** The compound is intended for long-term use 5 – 20 years to support ongoing waste management needs across the UHW Site.

**Futureproofing:** While future expansion in terms of capacity or throughput is not currently anticipated, any potential need for additional capacity arising from changing circumstances would be subject to the appropriate planning processes and environmental regulatory controls at that time, if required

**Operating Hours:** Monday to Friday, 07:00–18:00, Weekends, 7am-3pm.

## **Types and Quantities of Waste to be Managed**

### **Waste Types:**

- Recyclable paper and Card
- Recyclable Plastic, Metal and Cartons
- End of Life Plastics

**Estimated Annual Quantity:** Approx. 200-300 tonnes of recyclable waste.

**Facility Capacity:** Designed to handle up to 500 tonnes/year.

**Minimum Operational Threshold:** 100 tonnes/year.

**End Destinations:** All waste streams are collected by licensed contractors and transported to approved recycling facilities.

## **Design, Layout, Buildings and Plant**

### **Site Layout:**

- Secure gated entrance
- Clearly marked containers for different waste streams
- Covered storage for recyclable waste
- Hardstanding surface for vehicle access and container placement

### **Transport:**

- Recyclable waste will be transported from the UHW site to the Wedal Road Facility using internal logistics vehicles (Luton vans equipped with tail lifts), with deliveries occurring two to four times daily.
- Waste is collected by contracted service providers through scheduled pickups, occurring three times per week.

**Lighting:** Low-energy external lighting will be installed to ensure safety and minimise light pollution.

**No landfill gas or leachate infrastructure** is required as the site is not for waste treatment or disposal.

**Restoration:** not applicable, site is for ongoing operational use.

## **Amenity and Nuisance**

**Compatibility:** The site is located in an area with existing service and utility uses, minimising conflict with residential or sensitive land uses.

### **Control Measures:**

It is anticipated that the proposed use of the Wedal Road facility will require an environmental permit. The control measures outlined are consistent with the standard requirements set out by Natural Resources Wales for permitted waste storage operations.

### **Site Infrastructure:**

- Hardstanding surfaces to prevent ground contamination
- Drainage systems to manage runoff and prevent pollution

### **Waste Storage Controls:**

- Enclosed or covered storage to prevent litter, odour, and water ingress
- Clearly labelled and segregated containers for different waste streams
- Limits on the quantity and duration of waste storage

### **Operational Controls:**

- Regular cleaning schedules and pest control measures
- Specific operating hours to minimise noise and disruption
- Spill response procedures and containment equipment

### **Monitoring and Record-Keeping:**

- Documentation of waste types, volumes, and movements
- Inspection logs and maintenance records
- Incident reporting and corrective action protocols

### **Staff Training and Supervision:**

- Competent personnel trained in waste handling and emergency procedures
- Clear roles and responsibilities for compliance monitoring

**Emissions:** No emissions from treatment processes, only vehicle emissions from transport.

## **Air Pollution**

No specialist treatment or recovery processes are undertaken on-site.

Air quality impacts are limited to vehicle movements, which are minimised through efficient routing and scheduling

**Energy Efficiency**

Not applicable – the site does not involve energy recovery or incineration.

**Declaration**

This statement sets out how the waste hierarchy has been considered in developing the proposals currently forming this planning application.

Signed: 

James Bromley – Head of Waste Compliance and Recycling

Date: 23<sup>rd</sup> May 2025

