

**Consultation Response from Mike Hibbert,
KC Waste Strategy(Refuse & Recycling)**

2024/90052 Southgate/Leeds Road, Huddersfield, HD1 1TW

Removal of condition 1 (service road scheme) and variation of conditions 7 (cycle storage), 8 (sprinkler tank) and 9 (landscape scheme) on previous permission 2022/91456 for Reserved matter application pursuant to outline permission 2021/91544 for erection of health and research innovation campus comprising: Class F1(a)-education; Class E(e)-medical/health services; Class E(g)(i)-offices; Class E(g)(ii)-research/development of products/processes; multi storey car park; Class E(a)-display/retail of goods; Class E(b)-sale of food/drink; Class E(d)-indoor sport/recreation/fitness, and the discharge of conditions 5 (masterplan), 6 (design code), 8 (access), 9 (internal access) and 19 (BEMP)

Date Responded: 12/02/2024.

Responding Officer: Mike Hibbert

Responding Ref: WPS 24-004

NOTES/COMMENTS:

The following comments are made without prejudice and purely from the point of view of the Waste Collection Authority.

To meet the requirements of the Authority the following issues need to be addressed. Solving these will help create an environment that functions safely and efficiently for waste management. This will also enable the development to better meet the Kirklees Council policy requirements and the Kirklees Highway Design Guide SPD in respect of waste collection. Ultimately this will be to the benefit staff, students, facilities managers, and waste contractors for the life of the development.

The application is for the Removal of condition 1 (service road scheme) and variation of conditions 7 (cycle storage), 8 (sprinkler tank) and 9 (landscape scheme) on previous permission 2022/91456. The application is accompanied by Drawing title GF Landscape General Arrangement Drawing number HWA-GIL-P1-00-DR-L-0101 Revision P16 Update as per BAM feedback - Sprinkler tank fencing, planters near the front door Dated 03.01.202.

The Drawing shows the location of a bin store to the Southeast of the site adjacent to the cycle stores.

Waste storage and presentation:

The applicant may choose to use the waste service from Kirklees Council or a private contractor for collection and treatment of wastes arising on the site. Regardless of the contractor used the WCA does want to ensure any new developments have appropriate waste storage capacity on site for a range of source separated wastes and to maximise recycling and efficient collection.

It is vital thought is given to waste storage within all six developments across the site, including provision for litter collection. Use of Underground Refuse Systems in public open space should be considered.

The Waste Strategy for England 2018 sets out targets to encourage minimising waste, promoting resource efficiency, and moving towards a circular economy. Implementation of

these policies will result in the requirement to source segregate waste to enhance recycling and recovery. This will not increase the volume of waste overall but will require storage capacity for additional containers e.g. dry mixed recycle, food waste and packaging in addition to residual wastes.

It is not clear as to the composition or quantity of waste that is expected to be generated on site. BS:5906 Waste management in buildings — Code of practice dated 2005 provides figures for typical weekly waste arisings and subsequent storage requirements. These figures may not be representative of current waste generation or translate directly to this development. As some of the activities proposed for the buildings are transferring from elsewhere is the University estate current waste arisings data may be available to inform storage requirements.

The bin store shown on the plan is approximately 7m x 5.2m. An individual 1100ltrs wheeliebin requires a storage space of 1575mm x 1190mm. The gate opening to the store is approximately 2.8m that is sufficient to enable passage of a wheeliebin. Construction of the bin store should follow the specification detailed in the Kirklees Waste Management Design Guide 2020, BS5906:2005 Waste management in buildings — Code of practice and Building Regulations 2010-part H6.

- Bin store surfaces should be durable and waterproof enough to withstand heavy duty cleaning such as power washing. The storage area needs to have suitable drainage, with water discharging into a sewerage drain (not into surface water or onto the highway), to allow the washing of bins. There should also be adequate lighting and sufficient space around to allow safe access by staff to all containers.
- The bin storage area and access routes to the Bin Collection Point (BCP) should be constructed to withstand point loading and movement, impacts of larger bins over time, and to resist future rutting, pitting, cracking or other such surface degradation that would impair bin manoeuvring.
- Confirmation is sought as to whether the proposed bin store will be used as a temporary collection point with delivery of waste from the buildings with onward transit to another central hub or collection directly from the bin store by an RCV. This will determine which vehicles will be accessing the site and therefore dimensions of the access road required.
- Consideration should be given to relocating the location of the bin store further North e.g. swapping the location with one of the cycle stores, so the collection point for waste is nearer to the highway.

Refuse Collection Vehicle access:

With regards to turning circles and sweep analysis colleagues in Highway Development will be able to provide more informed comments but the following observations should be addressed: -

- Suitable site access and manoeuvrability space for a large Refuse Collection Vehicle is vital to enable waste collection from premises. This requirement will exist in perpetuity on any development and as such, manoeuvrability must be demonstrated from the outset.
- The surface between the bin store and highway is shown as Paving Type 2 Concrete Paving Setts Mix 1 300x200mm and 200x200mm basketweave and P7 - Paving Type 7 Pedestrian Bitmac. Conformation is sort that these surfaces can withstand use by a waste collection vehicle.
- The access to the bin store is approximately 3.7m wide. The standard width of an RCV is 2530mm.
- There does not appear to be any opportunity for an RCV to turn within the site so a vehicle would have to reverse from the highway to the bin store. Reversing is a recognised safety risk for crews and pedestrians. **The Waste Industry Safety and Health (WISH) Forum guidance states “Reversing causes a disproportionately large number of moving vehicle accidents in the waste/recycling industry. Injuries to collection workers or members of the public by moving collection vehicles are invariably severe or fatal. BS 5906: 2005 recommends a maximum reversing distance of 12 m.”**

Additional guidance on waste management requirements can be found in in the [Kirklees Waste Management Design Guide 2020](#) (available on the Planning advice notes page at: <https://www.kirklees.gov.uk/beta/planning-applications/guidance-and-advice-notes.aspx>)

Policy context:

1. Scheme design should conform to Building Regulations 2010 Part H6; and British Standard 5906:2005 Waste Management in Buildings Code of Practice.
2. Further advice on Highway matters is contained in the [Kirklees Highway Design Guide SPD](#) which can be found at <https://www.kirklees.gov.uk/beta/planning-policy/adopted-supplementary-planning-documents.aspx>