

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

2024/92281 Land adj, 17, Whitehall Road West, Birkenshaw, BD11 2LS

Erection of 23 dwellings

Date Responded: 18.09.2024.

Responding Officer: Mike Hibbert

Responding Ref: WPN 24-035

NOTES/COMMENTS:

The following comments are made without prejudice and purely from the point of view of the Waste Collection Authority. They are intended to help create an environment that functions safely and efficiently for waste management; and reduce the negative impacts of bin blight on the neighbourhood. Addressing these will also enable the proposal to better meet the policy requirements of LP24 part d (vi), LP43 and the Kirklees Highway Design Guide SPD in respect of refuse collection. Ultimately this will be to the benefit both residents and the Authority for the life of the development.

This application is for 23 dwellings. The applicant has submitted Drawing Number 2306/001 Site Layout - H-P001 rev H dated 6.06.24

The Transport Statement dated June 2024 reference waste collection in section 6.5 SERVICING AND DELIVERIES.

6.5.1 The Kirklees Highway Design SPD sets a requirement for accommodating 11.85m refuse vehicles within a development. The 11.85m vehicle was utilised to assess the layout for the approved application and the same vehicle has been utilised to assess the currently proposed site layout.

6.5.2 The site layout incorporates a turning head towards the south of the site, to ensure that all properties can be appropriately accessed.

6.5.3 Swept path analysis has been undertaken with the vehicle utilising only the central carriageway area and not overrunning or overhanging the 600mm surfaced hard surfaced servicing strips. As such, a factor of comfort has been allowed for within the design.

6.5.4 The swept path analysis is attached at Appendix A as Figures DPL SK006 to DPL SK009.

Waste storage and presentation:

The Plan is annotated with the location of bin storage areas in the rear gardens of the properties.



- Space will be required for 3 x 240ltr bins in the rear gardens of each property. As the proposed dwellings have private gardens, opportunities to encourage composting should be sought to better meet the council's 'clean and green' objectives for waste reduction. Guidance indicates the storage footprint for a 240ltrs wheeliebin is 940mm x 780mm.

- For plots where bin storage is in the rear gardens gated access should be shown to be secure, gates wide enough to pass through and the route between the rear gardens and the front access road must not require residents to pull bins up/down gradients of more than 1:12.
- Access to the rear garden of Plot 16 is via a convoluted path around the rear of Plot 17. This arrangement can result in bins in being left in the front garden and hence impacting on the Streetscene rather than being returned to the storage space on collection day. Consideration should be given to providing direct access to the rear garden via a ginnel within the terrace of plots 15 to 17.
- There is no indication of space for the presentation of bins on collection day. It is important to ensure that bins do not cause obstruction to pedestrians or other highways users when presented for collection, particularly where space requires these to be left in clusters. Bin presentation space should be identified for each plot, on a hard surface and where a refuse collection vehicle (RCV) can be easily reached.
- The WCA will not take a Refuse Collection Vehicle onto private drives. e.g. Plots 5-8, and 20-22. The layout plan must show the location of Bin Collection Points (BCP's) for presentation of wheeliebins adjacent to the adopted highway. Guidance BS5906:2005 specifies that the maximum drag out distance from the property to the Bin Collection Point (BCP) is 25m. This is an issue for Plots 6 and 7 with a drag out of approximately 46m.
- On sites such as this, waste storage and collection can require careful consideration and the identification of space within the site layout is critical. As such, the details of these arrangements must not be left to Planning conditions.
- Prior to the commencement of development, details of temporary waste collection arrangements to serve occupants of completed dwellings whilst the remaining site is under construction shall be submitted for approval prior to first occupation and shall be so retained thereafter.

Refuse Collection Vehicle access:

The Authority defers to Highways colleagues for technical analysis of the road layout and swept paths in respect of RCV access but offers the following observations in this regard.

- Suitable site access and manoeuvrability space for a Refuse Collection Vehicle is vital to the Council's ability to discharge its obligation to collect waste from domestic properties. This obligation will exist in perpetuity on any residential development and as such will be a critical consideration in the layout of the site.
- **The WCA has a strong preference for looped roads rather than use of turning heads. Consideration should be given to linking the internal access road with Heathfield Lane to remove the need for a turning head.**

- Swept path analysis must show the manoeuvrability of this vehicle throughout the site, demonstrating the safe passing of other vehicles likely to be using the road – either parked or moving.
- The Authority will not take an RCV into private drives or roads that are not built to adoptable standards. Confirmation is sought the roadway are adopted/ constructed to adoptable standard.
- Parked cars are a perpetual problem for RCV access and as such it is important to account for potential parking spaces, even where these are undefined when assessing RCV access around the site.
- **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.”**
- The turning head between Plots 9 and 12 must be demonstrably sufficient for an 11.22m refuse collection vehicle. **Active measures should be taken to prevent parking in the turning head as otherwise an RCV would have a long reverse manoeuvre, that is a recognised safety risk and is not acceptable.**

Full detailed 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>)

Waste policy context:

- Local Plan Policy LP24 (part d.vi) and National Planning Policy for Waste (para 8) by –“incorporating adequate facilities to allow occupiers to separate and store waste for recycling and recovery that are well designed and visually unobtrusive and allows for the convenient collection of waste”
- Local Plan Policy LP43 Waste Management Hierarchy “The council will encourage and support the minimisation of waste production and support the re-use and recovery of waste materials including, for example, recycling, composting and Energy from Waste recovery”.
- Local plan Policy LP15 – residential use in town centres part h: provision of refuse storage and collection.
- Scheme design should conform to Building for a Healthy Life (2020); Building Regulations 2010 part H6; and British Standard 5906:2005 Waste Management in Buildings Code of Practice.

Further advice on Highway matters is contained in the [Kirklees Highway Design Guide SPD](https://www.kirklees.gov.uk/beta/planning-policy/adopted-supplementary-planning-documents.aspx) which can be found at <https://www.kirklees.gov.uk/beta/planning-policy/adopted-supplementary-planning-documents.aspx>