



## Himley Village

### Waste Management and Servicing Strategy

*For Countryside Properties*

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# Introduction

*Hydrock Consultants has been appointed to provide planning stage advisory services in relation to the design and construction of the Himley Village development, Cherwell.*

## 1. PURPOSE OF REPORT

This document forms part of the Reserved Matters application for the development and has been produced to inform Cherwell District Council of the proposed waste management and servicing strategy for the site in operation.

For details of construction related site waste management, please see the developments Site Waste Management Plan.

### 1.1 Development Details

The Himley Village development consists of 500 dwellings which will form part of the wider North West Bicester Eco-Town development. This portion of the Eco-Town development has outline planning permission for up to 1,500 homes alongside commercial and community facilities.

## 2. PLANNING POLICY CONTEXT

### 2.1 National Planning Policy

Through the European Waste Framework Directive 2008 and the Waste Strategy for England 2007, the national context of waste management has changed significantly.

In particular, the Waste Strategy for England 2007 sets many targets designed to achieve a more sustainable approach to how we deal with waste.

The strategy, therefore promotes the principles of the "Waste Hierarchy" to prevent, reduce, reuse, recycle and recover.

### 2.2 Approved Document H – Waste and Drainage

Requirement H6 of Approved Document H states the following:

1. Adequate provision shall be made for storage of solid waste.
2. Adequate means of access shall be provided:

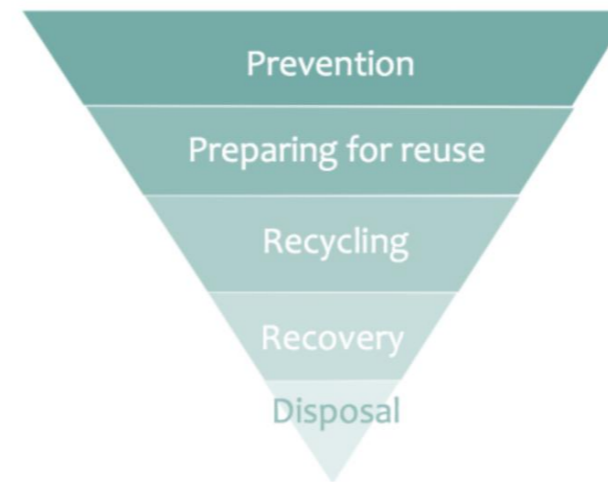


Figure 1 - Principles of the waste hierarchy

- a. For people in the building to the place of storage; and
- b. From place of storage to a collection point.

### 2.3 Cherwell District Council Local Plan 2011

#### Policy ESD 3: Sustainable Construction

All development proposals will be encouraged to reflect high quality design and high environmental standards, demonstrating sustainable construction methods including but not limited to:

- Minimising both energy demands and energy loss Maximising passive solar lighting and natural ventilation
- Maximising resource efficiency Incorporating the use of recycled and energy efficient materials Incorporating the use of locally sourced building materials
- Reducing waste and pollution and making adequate provision for the recycling of waste Making use of sustainable drainage methods
- Reducing the impact on the external environment and maximising opportunities for cooling and shading (by the provision of open space and

water, planting, and green roofs, for example); and

- Making use of the embodied energy within buildings wherever possible and re-using materials where proposals involve demolition or redevelopment.

### Policy Bicester I: North West Bicester Eco-Town

Waste Infrastructure - The provision of facilities to reduce waste to include at least 1 bring site per 1,000 dwellings positioned in accessible locations. Provision for sustainable management of waste both during construction and in occupation shall be provided. A waste strategy with targets above national standards and which facilitates waste reduction shall accompany planning applications.

### 2.4 Planning Condition 41

“Prior to the occupation of any phase of the development, a waste strategy setting targets above national standards for residual waste levels, recycling levels and landfill diversion and which identifies measures to facilitate waste reduction and recycling for commercial occupiers of that phase shall be submitted to and approved in writing by the Local Planning Authority.”

## 3. DESIGN GUIDANCE FOR REFUSE STORAGE

### 3.1 BS 5906 Waste Management in Buildings – Code of Practice

BS 5906 provides guidance on the storage, sizing, and ventilation of refuse areas within commercial and domestic properties.

This document has been referenced by the design team when determining suitable waste refuse areas.

# Waste Management Proposal

*Waste will be managed throughout the operation of the development by adopting a hierarchical approach.*

## 4. OPERATIONAL WASTE HIERARCHY

The following hierarchy will be adopted by residents during the operation of the development to manage waste effectively:

1. Stage 1: Occupier separation
2. Stage 2: Occupier deposit and storage
3. Stage 3: Collection/bulking method
4. Stage 4: Removal method
5. Stage 5: End destination.

This is detailed in Table 1.

## 5. WASTE DEPOSIT AND STORAGE

Each dwelling will be provided with refuse storage in line with Cherwell District Council requirements. This includes:

- Mixed recyclables - Blue 240 litre wheeled bins for mixed recyclables, currently collecting tins and cans, plastic bottles and containers, newspapers and magazines, paper and card and aerosols.
- Garden and food waste – Brown 240 litre brown wheeled bin for garden and food waste collection.
- Residual waste – Green 180 litre wheeled bin to collect residual waste, currently this includes nappies, kitchen

waste, plastic bags, cling film and polystyrene.

Waste storage areas for wheeled bins are proposed within the curtilage of each property (for details please see Architects layout drawings). Residents will be responsible for moving each bin to the kerbside collection point on each collection day.

### 5.1 Recycling Rates and Residual Waste Reduction

Residents will be prompted to recycle as much as possible whilst reducing their residual waste production. The provision of home composting bins for private gardens is not currently proposed, however residents will be provided with information on composting to promote uptake.

Information will be provided to residents on recycling within the home buyers pack to ensure residents are aware of the different waste streams.

### 5.2 External Amenity Space

Litter bins for recyclable and non-recyclable waste will be provided at suitable locations within external amenity areas. The provision of bins for recyclable waste within these areas will increase recycling rates across the site.

## 6. WASTE COLLECTION

All waste generated from the site will be residential in nature and collected by Cherwell District Council.

In line with Cherwell requirements, waste collection services are currently expected to be as follows:

- Fortnightly collection for general refuse
- Fortnightly collection for dry mixed recycling
- Fortnightly collection of garden refuse (if required)

Refuse collection will be provided on-street.

## 7. ACCESS REQUIREMENTS

Kerbside refuse collections from houses will be in presentable locations for collection vehicles, with an access way free of obstructions.

The street layout has been designed to accommodate standard 26 tonne GVW refuse vehicles. For further details please see tracking information provided by the Transport Consultant.

Table 1 - Waste management hierarchy

Stage of Management	Sub-sections of management stage	Recycling scheme
<b>1. Materials</b>	Material stream	Dry recyclate
	Detailed materials	Paper, card, plastic, glass, metal
	Location for separation	Collection units in kitchen e.g. trio bin under sink or similar.
	Estimate volume per unit	0.3 m2
<b>2. Occupier separation</b>	Estimate weight per kg	5 kg
	Number of units with this system	All dwellings
	Deposition description	To be defined, occupants to manage waste to collection point.
	Deposition location	Blue bin – mixed recycling Green bin – non recyclable waste Brown bin – garden waste
<b>3. Occupier deposit and storage</b>	User method of containment	Sealed bin bag, loose collection for recyclables.
	Receptacle for user to deposit materials	Blue bin bags and boxes for houses.
	Access	Bins to be stored to the rear of each property in designated bin storage areas. On collection days bins to be moved to kerbside by residents.
	Method of separation	Occupier to deposit sealed bag or loose collection into appropriate container.
<b>4. Collection method</b>	Compliance with BS 5906 Waste Management in Buildings	Kerbside collection.
	Collection frequency	Alternate weekly collections. Week one blue and brown bins, week two green bins.
	Responsible party	Cherwell District Council
	Method of bulking materials	Resident
<b>5. Removal/onsite treatment method</b>	Compliance with BS 5906 Waste Management in Buildings	Containers/bags to be presented for collection
	Equipment used for removal	Refuse collection vehicle
	Access requirements	Road collection
	Has local authority been consulted	No
<b>6. End destination</b>	Destination of material	No information provided by Cherwell District Council
	Material process to waste hierarchy category	Recycling
	End product	Paper, card, food, cans, glass and residual waste.

## Summary

*This document has provided information on the type of waste expected to be produced by the Himley Village development, and the ways in which waste will be managed throughout the operational phase.*

In order to manage waste effectively and sustainably, and meet the recycling aspirations of the local council, the development will facilitate the separation of waste at source.

Houses will be provided with blue, green and brown wheeled bins for mixed recycling, general waste and garden waste respectively. This is in line with Cherwell District Council refuse requirements.

For details of the construction waste management, please see the development site waste management plan. For vehicle tracking details please see information provided by the transport consultant.

Overall, the development will provide:

- On-site waste collection with storage facilities to ensure segregation of waste and recycling.
- Access arrangements for collection vehicles and personnel.
- Good standards of access to the facilities on site for occupants of the premises, including lighting, avoiding of steps and door arrangements that encourage use by occupants.
- Storage facilities that are not visually intrusive but rather are visually integrated with buildings and the hard and soft landscaping.