



## Appendix E - Waste Management Strategy (v7.00 from September 2023)

Planning Application Number:

Date Submitted:

Estimated volumes / m2 required by the development 4210ltr

|                                                                                             |    |
|---------------------------------------------------------------------------------------------|----|
| Will this property be used as a House in Multiple Occupation (HMO)?                         | No |
| If this property will be used as an HMO, how many people do you intend to accommodate (5+)? |    |

### Low Rise Domestic

| Waste Types        | Capacity required (litres)                  | Number of bins required (per household)    | Confirm what is to be provided (and whether the developer or the resident will be responsible for ordering these) |
|--------------------|---------------------------------------------|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| General refuse     | 140 standard / 240 in certain circumstances | 1 x wheeled bin (possibly more for HMO)    |                                                                                                                   |
| Pulpable Recycling | 240                                         | 1 x wheeled bin (possibly more for HMO)    |                                                                                                                   |
| Mixed Recycling    | 240                                         | 1 x wheeled bin (possibly more for HMO)    |                                                                                                                   |
| Garden Waste       | 240                                         | 1 x wheeled bin (possibly more for HMO)    |                                                                                                                   |
| Food Waste         | 23                                          | 1 x 23 litre caddy (Possibly more for HMO) |                                                                                                                   |



## High Rise Apartment Developments

|                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>0.43m<sup>2</sup> has been provided per apartment for the containers, with extra space for residents to access each container and space for staff to manoeuvre each container for collection.</p> <p>(different for purpose-built student accommodation – see guidance)</p> | <p>Yes / No (delete as appropriate)</p> <p>How many of each container do you plan to provide?</p> <p>_____ x general refuse x 1100 litre<br/>(based on 110 litres per apartment)</p> <p>_____ x pulpable Recycling x 1100 litre<br/>(based on 55 litres per apartment)</p> <p>_____ x mixed recycling x 1100 litre<br/>(based on 55 litres per apartment)</p> <p>_____ x food waste x 240 litres<br/>(based on 10 litres per apartment)</p> <p>_____ x garden waste (if applicable) x 240 litres</p> |
| <p>Is it as easy, or easier, for residents to recycle, as it is for them to dispose of general waste?</p>                                                                                                                                                                      | <p>Yes / No (delete as appropriate)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

## Commercial Developments

Please state number of bins you propose, showing calculations where appropriate.

|                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>General Waste -            1 x 1100ltr</p> <p>Dry recycling (include material type details) - 3 x 1100ltr</p> <p>Food Waste -</p> <p>Industrial Waste -</p> <p>Other -</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                         |            |
|-------------------------------------------------------------------------|------------|
| <p>Has / will a contract be obtained with a licenced waste carrier?</p> | <p>Yes</p> |
|-------------------------------------------------------------------------|------------|

## Mixed Use Developments

|                                                                                                                                                                                                                      |                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Are the stores for residential and commercial waste completely separate from each other, with residents having no access to the commercial store and the commercial units having no access to the residential store? | Yes / No<br>(delete as appropriate) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|

### Internal Stores (Residential and Commercial)

Please provide details of internal stores / segregation of waste and recycling.

Table 1 provides details of internal stores, segregation of waste and recycling.

### Storage Areas for Waste Containers (Residential and Commercial)

Please provide details of container stores, attaching plans if appropriate.

| Year                       | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023  | 2024  | 2025  | 2026  | 2027  | 2028  | 2029  | 2030  |
|----------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| Population (millions)      | 7.5  | 7.6  | 7.7  | 7.8  | 7.9  | 8.0  | 8.1  | 8.2  | 8.3  | 8.4  | 8.5  | 8.6  | 8.7  | 8.8   | 8.9   | 9.0   | 9.1   | 9.2   | 9.3   | 9.4   | 9.5   |
| GDP (trillion USD)         | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 | 25.0 | 26.0 | 27.0 | 28.0  | 29.0  | 30.0  | 31.0  | 32.0  | 33.0  | 34.0  | 35.0  |
| Life expectancy (years)    | 75.0 | 75.5 | 76.0 | 76.5 | 77.0 | 77.5 | 78.0 | 78.5 | 79.0 | 79.5 | 80.0 | 80.5 | 81.0 | 81.5  | 82.0  | 82.5  | 83.0  | 83.5  | 84.0  | 84.5  | 85.0  |
| Urban population (%)       | 55.0 | 56.0 | 57.0 | 58.0 | 59.0 | 60.0 | 61.0 | 62.0 | 63.0 | 64.0 | 65.0 | 66.0 | 67.0 | 68.0  | 69.0  | 70.0  | 71.0  | 72.0  | 73.0  | 74.0  | 75.0  |
| Renewable energy (%)       | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0  | 24.0  | 25.0  | 26.0  | 27.0  | 28.0  | 29.0  | 30.0  |
| CO2 emissions (Gt)         | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 | 25.0 | 26.0 | 27.0 | 28.0  | 29.0  | 30.0  | 31.0  | 32.0  | 33.0  | 34.0  | 35.0  |
| Forest cover (%)           | 30.0 | 29.5 | 29.0 | 28.5 | 28.0 | 27.5 | 27.0 | 26.5 | 26.0 | 25.5 | 25.0 | 24.5 | 24.0 | 23.5  | 23.0  | 22.5  | 22.0  | 21.5  | 21.0  | 20.5  | 20.0  |
| Healthcare expenditure (%) | 10.0 | 10.5 | 11.0 | 11.5 | 12.0 | 12.5 | 13.0 | 13.5 | 14.0 | 14.5 | 15.0 | 15.5 | 16.0 | 16.5  | 17.0  | 17.5  | 18.0  | 18.5  | 19.0  | 19.5  | 20.0  |
| Internet usage (%)         | 40.0 | 45.0 | 50.0 | 55.0 | 60.0 | 65.0 | 70.0 | 75.0 | 80.0 | 85.0 | 90.0 | 95.0 | 98.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Gender inequality index    | 0.75 | 0.76 | 0.77 | 0.78 | 0.79 | 0.80 | 0.81 | 0.82 | 0.83 | 0.84 | 0.85 | 0.86 | 0.87 | 0.88  | 0.89  | 0.90  | 0.91  | 0.92  | 0.93  | 0.94  | 0.95  |
| Human Development Index    | 0.70 | 0.72 | 0.74 | 0.76 | 0.78 | 0.80 | 0.82 | 0.84 | 0.86 | 0.88 | 0.90 | 0.92 | 0.94 | 0.96  | 0.98  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  | 1.00  |

|                                                                     |                          |
|---------------------------------------------------------------------|--------------------------|
| Ensure all bins in the store are accessible                         | <input type="checkbox"/> |
| Ensure recycling facilities are as easy to access as general refuse | <input type="checkbox"/> |

Please confirm details of waste store ventilation and hygiene / cleaning proposals

Ventilation -

Hygiene -

Please provide details of who will be responsible for placing the bins at the collection point and returning them to the store / property promptly e.g., resident / management company

Management Team

Please ensure that you have attached:

|                                                                                                                                                                                                                                                  |                                     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| Detailed plans of bin stores                                                                                                                                                                                                                     | <input checked="" type="checkbox"/> |
| Location plans showing stores                                                                                                                                                                                                                    | <input checked="" type="checkbox"/> |
| Location plans showing the proposed collection point and the route the collection vehicle will take<br>(please refer to the Road, Vehicle and Waste Operative Access Specification – paying particular attention to turning space and reversing) | <input checked="" type="checkbox"/> |

Please ensure that you have completed this form in accordance with the latest version of GD04 Waste Storage and Collection Guidance for New Developments – v.7 September 2023, read in conjunction with the Waste and Recycling Service Standard found on the Council website.