

# ODOUR MANAGEMENT PLAN

Energy Pk Wy, Healing, Grimsby DN31 2TT

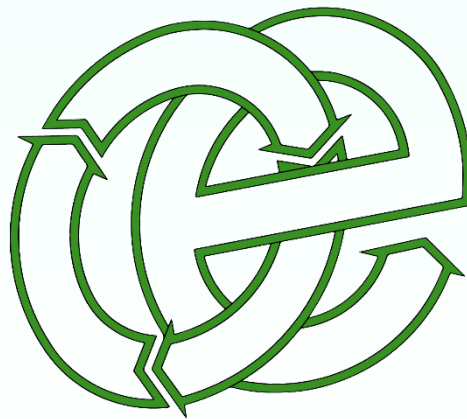
Rapid Collections Limited

|            |               |            |               |          |    |
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## Oaktree Environmental

Waste, Planning & Environmental Consultants



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# **1**      Introduction

## **1.1**      General

- 1.1.1      Oaktree Environmental Ltd has been instructed by Rapid Collections Limited to prepare an Odour Management Plan ("OMP") for their facility at Energy Pk Wy, Healing, Grimsby DN31 2TT. The permit will authorise the site to be operated as Household, Commercial and Industrial Waste Transfer Station and Physical Treatment Facility. Recycled product arising from the above treatment process will comprise sand & aggregates.
- 1.1.2      The site is also operated in accordance with an Environmental Management System (EMS) and Fire Prevention Plan (FPP) along with other documents targeted to specific environmental considerations including this OMP.
- 1.1.3      This OMP will be kept in the site office and all staff will be trained in the contents of the document which will allow Rapid Collections Limited and its employees to implement an action plan should the site operatives detect an odour presence, receive complaints from local business or residents and if the EA suspects odour emissions from the site during an inspection.
- 1.1.4      This OMP has been prepared to meet the requirements of the Odour Management: comply with your environmental permit, published 03/12/2025.

## **1.2**      Site Location

- 1.2.1      The site is located on Land at Energy Pk Wy, Healing, Grimsby DN31 2TT. The site is situated in an industrial area with no residential receptors within 1km of the facility.

### **1.3**     Hours of operation

- 1.3.1     The site will be open during the following hours for waste operations including the delivery, receipt, and processing of waste:

|                               |               |
|-------------------------------|---------------|
| Monday to Friday              | 06:30 – 16:30 |
| Saturday                      | 06:30 – 12:30 |
| Sundays, Bank/Public holidays | Closed        |

- 1.3.2     The only activities on site which will be permitted outside of these hours are onsite maintenance works, emergency deliveries of waste/plant/machinery and general office use.
- 1.3.3     During times where the site is closed or not in operation, the site will be locked and secured to prevent unauthorised access.

### **1.4**     Reviewing and monitoring this OMP

- 1.4.1     This document will be due for review two years from the date of approval, or, as a result of any incidents which may lead to the requirement for immediate review or the OMP guidance changing, whichever is the sooner. The circumstances which would warrant a review are the following:
- Experiencing an odour incident
  - Additional odorous waste streams accepted on site.
  - Increase waste volumes accepted and stored.
  - Development of site infrastructure – new buildings.
  - Installation of new equipment or plant – baler/loading shovel/sort-line/ etc.
- 1.4.2     Reference should be made to Section 4.10 which details procedures for staff training in the event of any changes in relations to the OMP.

## **1.5**     Waste Types and Quantities

- 1.5.1     The waste types handled on site will be household, commercial and industrial wastes as defined in the Controlled Waste (England and Wales) Regulations 2012 and Section 75 of the Environmental Protection Act 1990.
- 1.5.2     The maximum amount of waste to be stored on site at any one time is shown on Drawing No. 3640-HEAL-03 with residence times for each waste type.
- 1.5.3     If the maximum storage capacity is reached, then no further waste will be accepted until waste can be removed from the site and taken to a suitably permitted or exempt site.
- 1.5.4     The table overleaf details a summary of the main wastes types which are accepted on and stored on a daily basis at the site, the rows highlighted in in red are considered to be those wastes which have the potential to cause odour.

Table 1.1 – Waste Storage Table

| Storage Area Details - Pile volume based on Area x Height and rows in blue are non-combustible wastes |                               |                                                                                             |                                                    |                                         |                     |                      |                                 |                      |                           |                        |                   |                                                                             |
|-------------------------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------------------------|---------------------|----------------------|---------------------------------|----------------------|---------------------------|------------------------|-------------------|-----------------------------------------------------------------------------|
| Plan Ref                                                                                              | Description                   | Unprocessed/<br>Processed                                                                   | Containment                                        | Height /<br>width of<br>firewall<br>(m) | Max<br>Width<br>(m) | Max<br>Length<br>(m) | Max<br>storage<br>height<br>(m) | Approx.<br>Area (m2) | Conversion<br>factor used | Approx. volume<br>(m3) | Tonnage (Approx.) | Max storage time                                                            |
| AREA 1                                                                                                | Wood                          | Unprocessed                                                                                 | Free-standing<br>against<br>concrete<br>panel wall | 3 / 0.3                                 | 6                   | 11.5                 | 2                               | 53                   | 0.75                      | 80                     | 50-100            | <1 month                                                                    |
| AREA 2                                                                                                | General waste<br>tipping area | Unprocessed                                                                                 | Free-standing<br>against<br>concrete<br>panel wall | 3 / 0.3                                 | 10                  | 16.6                 | 2                               | 125                  | 0.333                     | 85                     | 50-100            | <24 hours prior to being transferred into<br>the relevant storage container |
| AREA 3                                                                                                | Fines                         | Processed by trommel                                                                        | 3-sided bay<br>beneath<br>trommel                  | 3 / 0.3                                 | 4.6                 | 4                    | 2                               | 15 per bay           | 0.75                      | 23 per bay             | 30                | <24 hours                                                                   |
| AREA 4                                                                                                | General                       | Processed/sorted via<br>picking line                                                        | 3-sided bay<br>beneath<br>picking line             | 3 / 0.3                                 | 3.4                 | 3                    | 2                               | 9                    | 0.75                      | 14                     | 30                | <24 hours prior to being transferred into<br>the relevant storage container |
| AREA 5                                                                                                | Wood                          | Processed/sorted via<br>picking line                                                        | 3-sided bay<br>beneath<br>picking line             | 3 / 0.3                                 | 3.4                 | 3                    | 2                               | 9                    | 0.75                      | 14                     | 30                | <24 hours prior to being transferred into<br>the relevant storage container |
| AREA 6                                                                                                | Metal                         | Processed/sorted via<br>picking line                                                        | 3-sided bay<br>beneath<br>picking line             | 3 / 0.3                                 | 3.4                 | 3                    | 2                               | 9                    | 0.75                      | 14                     | 30                | <24 hours prior to being transferred into<br>the relevant storage container |
| AREA 7                                                                                                | Plastic                       | Processed/sorted via<br>picking line                                                        | 3-sided bay<br>beneath<br>picking line             | 3 / 0.3                                 | 3.4                 | 3                    | 2                               | 9                    | 0.75                      | 14                     | 30                | <24 hours prior to being transferred into<br>the relevant storage container |
| AREA 8                                                                                                | Oversize                      | Processed/sorted via<br>picking line                                                        | 3-sided bay<br>at the end of<br>picking line       | 3 / 0.3                                 | 3.4                 | 3                    | 2                               | 9                    | 0.75                      | 14                     | 30                | <3 months (typically processed every 8<br>weeks)                            |
| AREA 9                                                                                                | Plastic                       | Processed/sorted by<br>hand/grab from<br>tipping area or via<br>picking line                | 3-sided<br>concrete<br>walled bay                  | 3 / 0.3                                 | 3.5                 | 8                    | 2                               | 23                   | 0.75                      | 35                     | 50                | <1 month                                                                    |
| AREA 10                                                                                               | Scrap metal                   | Processed/sorted by<br>hand/grab from<br>tipping area or via<br>picking line                | 3-sided<br>concrete<br>walled bay                  | 3 / 0.3                                 | 4                   | 5.5                  | 2                               | 25 per bay           | 0.75                      | 38 per bay             | 50                | <1 month                                                                    |
| AREA 11                                                                                               | Scrap Metal                   | Processed/sorted by<br>hand/grab from<br>tipping area or via<br>picking line                | 3-sided<br>concrete<br>walled bay                  | 3 / 0.3                                 | 7                   | 7                    | 2                               | 49                   | 0.75                      | 74                     | 74                | <1 month                                                                    |
| AREA 12                                                                                               | Mixed Waste                   | Processed/sorted by<br>hand/grab from<br>tipping area awaiting<br>processing via<br>trommel | 3-sided<br>concrete<br>walled bay                  | 3 / 0.3                                 | 7                   | 7                    | 2                               | 49                   | 0.75                      | 74                     | 74                | <24 hours                                                                   |

| Storage Area Details - Pile volume based on Area x Height and rows in blue are non-combustible wastes |                                                                                                                                       |                                                                                                       |                                   |                                         |                     |                      |                                 |                      |                           |                        |                   |                                               |
|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------|---------------------|----------------------|---------------------------------|----------------------|---------------------------|------------------------|-------------------|-----------------------------------------------|
| Plan Ref                                                                                              | Description                                                                                                                           | Unprocessed/<br>Processed                                                                             | Containment                       | Height /<br>width of<br>firewall<br>(m) | Max<br>Width<br>(m) | Max<br>Length<br>(m) | Max<br>storage<br>height<br>(m) | Approx.<br>Area (m2) | Conversion<br>factor used | Approx. volume<br>(m3) | Tonnage (Approx.) | Max storage time                              |
| AREA 13                                                                                               | Topsoil<br>(interchangeable<br>storage area i.e.<br>may be used to<br>store IBA)                                                      | Processed/sorted by<br>hand/grab arising<br>from tipping area                                         | 3-sided<br>concrete<br>walled bay | 3 / 0.3                                 | 13.5                | 10                   | 2.5                             | 105                  | 0.75                      | 200                    | 200               | <3 months (typically processed every 8 weeks) |
| AREA 14                                                                                               | Hardcore                                                                                                                              | Processed/sorted by<br>hand/grab from<br>tipping area or via<br>picking line                          | 3-sided<br>concrete<br>walled bay | 3 / 0.3                                 | 7.5                 | 23                   | 2.5                             | 160                  | 0.75                      | 300                    | 300               | <3 months (typically processed every 8 weeks) |
| AREA 15                                                                                               | Tyres                                                                                                                                 | Processed/sorted by<br>hand                                                                           | Loose                             | N/A                                     | 1                   | 5                    | 2                               | 5                    | 1                         | 10                     | 10                | <1 month                                      |
| CONT 1 –<br>7                                                                                         | Segregated<br>recyclables<br>comprising<br>general,<br>plasterboard,<br>wood, PVC,<br>plastic, metal,<br>green waste &<br>gypsum etc. | Processed/sorted via<br>AREA 2 or picking line<br>and transferred into<br>40 cubic yard<br>containers | In 40cuyd<br>containers           | N/A                                     | 2.4                 | 6.1                  | 2.75                            | N/A                  | 1                         | 38 per container       | 30                | <1 month                                      |

- 1.5.5 Prior to arranging a waste delivery at the site, the operator will request confirmation of the contents to be placed in the delivery vehicle carrying the waste so in the event the below wastes are accepted, they can be stored and removed as detailed below. The table below details the EWC codes for all wastes which have the potential to cause which could be accepted into the site. The columns to the right indicate the level of risk associated to the waste type using a **high**, **medium**, **low** risk basis. As discussed, the site will only routinely store the wastes stored in the table on the previous page.

Table 1.2 – Accepted wastes with odour potential

| Waste Code | Description                                                                                                                                                                                                    | Odour risk level |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| <b>01</b>  | <b>WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS</b>                                                                                                   |                  |
| 01 01      | wastes from mineral excavation                                                                                                                                                                                 |                  |
| 01 01 01   | wastes from mineral metalliferous excavation                                                                                                                                                                   | Low              |
| 01 01 02   | wastes from mineral non-metalliferous excavation                                                                                                                                                               | Low              |
| 01 04      | wastes from physical and chemical processing of non-metalliferous minerals                                                                                                                                     |                  |
| 01 04 08   | waste gravel and crushed rocks other than those mentioned in 01 04 07                                                                                                                                          | Low              |
| 01 04 09   | waste sand and clays                                                                                                                                                                                           | Low              |
| 01 04 13   | wastes from stone cutting and sawing other than those mentioned in 01 04 07                                                                                                                                    | Low              |
| <b>02</b>  | <b>WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING</b>                                                                                      |                  |
| 02 01      | wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing                                                                                                                              |                  |
| 02 01 01   | soil from cleaning and washing vegetables                                                                                                                                                                      | Low              |
| 02 01 03   | plant-tissue waste                                                                                                                                                                                             | Low              |
| 02 01 04   | waste plastics (except packaging)                                                                                                                                                                              | Medium           |
| 02 01 07   | wastes from forestry                                                                                                                                                                                           | Low              |
| 02 01 10   | waste metal                                                                                                                                                                                                    | Low              |
| 02 03      | wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve production; yeast and yeast extract production, molasses preparation and fermentation |                  |
| 02 03 01   | soil from cleaning and washing vegetables                                                                                                                                                                      | Low              |
| 02 04      | wastes from fruit, vegetables, cereals, edible oils, cocoa, coffee, tea and tobacco preparation and processing; conserve                                                                                       |                  |

|           |                                                                                                                     |        |
|-----------|---------------------------------------------------------------------------------------------------------------------|--------|
|           | production; yeast and yeast extract production, molasses preparation and fermentation                               |        |
| 02 04 01  | soil from cleaning and washing beet                                                                                 | Low    |
| <b>03</b> | <b>WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE PULP, PAPER, AND CARDBOARD</b>            |        |
| 03 01     | wastes from wood processing and the production of panels and furniture                                              |        |
| 03 01 01  | waste bark and cork                                                                                                 | Low    |
| 03 01 05  | sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04                 | Low    |
| 03 03     | wastes from pulp, paper and cardboard production and processing                                                     |        |
| 03 03 01  | waste bark and wood                                                                                                 | Low    |
| 03 03 07  | mechanically separated rejects from pulping of waste paper and cardboard                                            | Medium |
| 03 03 08  | wastes from sorting of paper and cardboard destined for recycling                                                   | Medium |
| <b>07</b> | <b>WASTES FROM ORGANIC CHEMICAL PROCESSES</b>                                                                       |        |
| 07 02     | wastes from the MFSU of plastics, synthetic rubber and man-made fibres                                              |        |
| 07 02 13  | waste plastic                                                                                                       | Medium |
| <b>10</b> | <b>WASTES FROM THERMAL PROCESSES</b>                                                                                |        |
| 10 11     | wastes from manufacture of glass and glass products                                                                 |        |
| 10 11 12  | waste glass other than those mentioned in 10 11 11                                                                  | Low    |
| 10 12     | wastes from the manufacture of ceramic goods, bricks, tiles, and construction products                              |        |
| 10 12 08  | waste ceramics, bricks, tiles, and construction products (after thermal processing)                                 | Low    |
| 10 13     | wastes from manufacture of cement, lime, plaster and articles and products made from them                           |        |
| 10 13 14  | waste concrete and concrete sludge                                                                                  | Low    |
| <b>15</b> | <b>WASTE PACKAGING: ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED</b> |        |
| 15 01     | packaging (including separately collected municipal packaging waste)                                                |        |
| 15 01 01  | paper and cardboard packaging                                                                                       | Medium |
| 15 01 02  | plastic packaging                                                                                                   | Medium |
| 15 01 03  | wooden packaging                                                                                                    | Low    |
| 15 01 04  | metallic packaging                                                                                                  | Low    |
| 15 01 05  | composite packaging                                                                                                 | Low    |
| 15 01 06  | mixed packaging                                                                                                     | Medium |
| 15 01 07  | glass packaging                                                                                                     | Low    |
| 15 01 09  | textile packaging                                                                                                   | Low    |

|               |                                                                                                                                                                                                    |        |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 15 02         | absorbents, filter materials, wiping cloths and protective clothing                                                                                                                                |        |
| 15 02 03      | absorbents, filter materials, wiping cloths, protective clothing other than those mentioned in 15 02 02                                                                                            | Low    |
| <b>16</b>     | <b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>                                                                                                                                                  |        |
| 16 01         | end-of-life vehicles from different means of transport [including off-road machinery] and waste from dismantling of end-of-life vehicles and vehicles maintenance (except 13, 14, 16 06 and 16 08) |        |
| 16 01 03      | end-of-life tyres                                                                                                                                                                                  | Low    |
| 16 02         | Wastes from electrical and electronic equipment                                                                                                                                                    |        |
| 16 02 14      | discarded equipment other than those mentioned in 16 02 09 to 16 02 13                                                                                                                             | Low    |
| 16 02 16      | components removed from discarded equipment other than those mentioned in 16 02 51                                                                                                                 | Low    |
| 16 03         | off-specification batches and unused products                                                                                                                                                      |        |
| 16 03 04      | inorganic wastes other than those mentioned in 16 03 03                                                                                                                                            | Low    |
| 16 03 06      | organic wastes other than those mentioned in 16 03 05                                                                                                                                              | Low    |
| <b>17</b>     | <b>CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)</b>                                                                                                       |        |
| 17 01         | concrete, bricks, tiles, and ceramics                                                                                                                                                              |        |
| 17 01 01      | concrete                                                                                                                                                                                           | Low    |
| 17 01 02      | bricks                                                                                                                                                                                             | Low    |
| 17 01 03      | tiles and ceramics                                                                                                                                                                                 | Low    |
| 17 01 07      | mixture of concrete, bricks, tiles, and ceramics other than those mentioned in 17 01 06                                                                                                            | Low    |
| 17 02         | wood, glass and plastic                                                                                                                                                                            |        |
| 17 02 01      | wood                                                                                                                                                                                               | Low    |
| 17 02 02      | glass                                                                                                                                                                                              | Low    |
| 17 02 03      | plastic                                                                                                                                                                                            | Medium |
| 17 03         | bituminous mixtures, coal tar and tarred products                                                                                                                                                  |        |
| 17 03 02      | Road base and road planings (other than those containing coal tar) only                                                                                                                            | Low    |
| 17 04         | metals (including their alloys)                                                                                                                                                                    |        |
| 17 04 01      | copper, bronze, brass                                                                                                                                                                              | Low    |
| 17 04 02      | aluminium                                                                                                                                                                                          | Low    |
| 17 04 03      | lead                                                                                                                                                                                               | Low    |
| 17 04 04      | zinc                                                                                                                                                                                               | Low    |
| 17 04 05      | iron and steel                                                                                                                                                                                     | Low    |
| 17 04 06      | tin                                                                                                                                                                                                | Low    |
| 17 04 07      | mixed metals                                                                                                                                                                                       | Low    |
| 17 04 10<br>* | cables containing hazardous substances other than oil or coal tar                                                                                                                                  | Low    |
| 17 04 11      | cables other than those mentioned in 17 04 10                                                                                                                                                      | Low    |

|          |                                                                                                                                                                               |        |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 17 05    | soil (including excavated soil from contaminated sites), stones and dredging spoil                                                                                            |        |
| 17 05 04 | soil and stones other than those mentioned in 17 05 03                                                                                                                        | Low    |
| 17 05 08 | track ballast other than those mentioned in 17 05 07                                                                                                                          | Low    |
| 17 06    | Insulation materials and asbestos-containing construction materials                                                                                                           |        |
| 17 06 04 | Insulation materials other than those mentioned in 17 06 01 and 17 06 03                                                                                                      | Low    |
| 17 08    | gypsum-based construction materials                                                                                                                                           |        |
| 17 08 02 | gypsum-based construction materials other than those mentioned in 17 08 01                                                                                                    | Low    |
| 17 09    | other construction and demolition wastes                                                                                                                                      |        |
| 17 09 04 | mixed construction and demolition wastes restricted to non-hazardous soil, bricks, stones and concrete                                                                        | Medium |
| 19       | <b>WASTES FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTEWATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE</b> |        |
| 19 01    | Wastes from incineration of pyrolysis of waste                                                                                                                                |        |
| 19 01 12 | bottom ash and slag other than those mentioned in 19 01 11                                                                                                                    | Low    |
| 19 02    | wastes from physico/chemical treatments of waste (including dechromatation, decyanidation, neutralisation)                                                                    |        |
| 19 02 03 | premixed wastes composed only of non-hazardous wastes                                                                                                                         | Low    |
| 19 02 10 | combustible wastes other than those mentioned in 19 02 08 and 19 02 09                                                                                                        | Medium |
| 19 12    | wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified                                                |        |
| 19 12 01 | paper and cardboard                                                                                                                                                           | Medium |
| 19 12 02 | ferrous metal                                                                                                                                                                 | Low    |
| 19 12 03 | non-ferrous metal                                                                                                                                                             | Low    |
| 19 12 04 | plastic and rubber                                                                                                                                                            | Medium |
| 19 12 05 | glass                                                                                                                                                                         | Low    |
| 19 12 07 | wood other than that mentioned in 19 12 06                                                                                                                                    | Low    |
| 19 12 08 | textiles                                                                                                                                                                      | Low    |
| 19 12 09 | minerals (for example sands, stones)                                                                                                                                          | Low    |
| 19 12 10 | combustible waste (refuse derived fuel)                                                                                                                                       | Medium |
| 19 12 12 | Incinerator bottom ash (IBA)                                                                                                                                                  | Low    |
| 19 12 12 | restricted to crushed bricks, tiles, concrete and ceramics only. Does not include fines from the treatment of any non-hazardous waste or gypsum from recovered plasterboard   | Low    |

|          |                                                                                                                                                                          |        |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 19 12 12 | soil substitutes other than those containing dangerous substances only                                                                                                   | Low    |
| 19 12 12 | mixtures of paper, cardboard, plastic glass and metal and other non-hazardous wastes from the processing of dry mixed recyclable and source segregated recyclable wastes | High   |
| 19 13    | wastes from soil and groundwater remediation                                                                                                                             |        |
| 19 13 02 | solid wastes from soil remediation other than those mentioned in 19 13 01                                                                                                | Low    |
| 20       | <b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>                           |        |
| 20 01    | separately collected fractions (except 15 01)                                                                                                                            |        |
| 20 01 01 | paper and cardboard                                                                                                                                                      | Medium |
| 20 01 02 | glass                                                                                                                                                                    | Low    |
| 20 01 10 | clothes                                                                                                                                                                  | Low    |
| 20 01 11 | textiles                                                                                                                                                                 | Low    |
| 20 01 34 | batteries other than those mentioned in 20 01 33 not including li-ion traction batteries                                                                                 | Low    |
| 20 01 36 | discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35                                                              | Low    |
| 20 01 38 | wood other than mentioned in 20 01 37                                                                                                                                    | Low    |
| 20 01 39 | plastics                                                                                                                                                                 | Medium |
| 20 01 40 | metals                                                                                                                                                                   | Low    |
| 20 01 41 | wastes from chimney sweeping                                                                                                                                             | Low    |
| 20 02    | garden and park wastes (including cemetery waste)                                                                                                                        |        |
| 20 02 01 | biodegradable waste                                                                                                                                                      | Medium |
| 20 02 02 | soil and stones                                                                                                                                                          | Low    |
| 20 03    | other municipal wastes                                                                                                                                                   |        |
| 20 03 01 | mixed municipal waste                                                                                                                                                    | High   |
| 20 03 03 | street-cleaning residues                                                                                                                                                 | Medium |
| 20 03 07 | bulky waste                                                                                                                                                              | Medium |

## 1.6 Site Management

- 1.6.1 The site will have a Technically Competent Managers (TCM) who is responsible for the general management of the site including the acceptance and handling of any wastes with the potential to cause odour.
- 1.6.2 The company, through the TCM, will ensure that a nominated deputy is sufficiently trained and familiar with all site management documentation (which includes this OMP) in addition

to all relevant company procedures who, in the absence of the TCM, will act the competent person.

## 2 Odour Risk Assessment

### 2.1 Methodology

- 2.1.1 This OMP has been completed to identify where the likely risks are in relation to surrounding land uses. This assessment has been used to inform Section 5.0 of this OMP with regard to specific odour monitoring procedures.

### 2.2 Odour Intensity

- 2.2.1 The table below highlights the intensity of the odour and provides a description by which to measure the intensity:

Table 2.1 – Odour Intensity

| Odour Intensity | Criteria                                                                 |
|-----------------|--------------------------------------------------------------------------|
| Negligible      | No detectable odour                                                      |
| Low             | Faint odour (barely detectable)                                          |
| Moderate        | Moderate odour easily detected while walking, possible interference)     |
| High            | Strong odour (bearable, but offensive)                                   |
| Severe          | Very strong odour (this is when you really wish you were somewhere else) |

### 2.3 Receptor Sensitivity

- 2.3.1 The table below outlines the receptor sensitivity to odour which will be used when determining nearby odour sensitive receptors:

Table 2.2 – Receptor sensitivity

| Sensitivity of Receptor | Criteria                                   |
|-------------------------|--------------------------------------------|
| Low                     | Industrial workplaces                      |
| Medium                  | Industrial workplaces / Residential >250 m |
| High                    | Residential areas <200m                    |

## 2.4 Sensitive Receptor Locations

- 2.4.1 The sensitive receptors in proximity to the site are shown on Drawing No. 3640-HEAL-04.
- 2.4.2 Given the significant distance of the site from the nearest sensitive receptors of high sensitivity, which includes a residential property approximately 1.6km to the West-South-West, no significant impacts from odour are expected. Furthermore, the potential for odour from the process is negligible, given that any potential malodorous wastes are not stored for extended periods.

## 2.5 List of receptors

- 2.5.1 A full list of receptors within 1km of the site have been included in the table below. A Receptor Plan illustrating these receptors is included in Appendix I, see Drawing No. 3640-HEAL-04 – Receptor Plan.

Table 2.3 – Distances to Selected, Representative Sensitive Locations

| Receptor                                                         | Direction from Site | Approx distance from the site boundary to the receptor boundary (m) |
|------------------------------------------------------------------|---------------------|---------------------------------------------------------------------|
| <b>Commercial / Industrial</b>                                   |                     |                                                                     |
| Industrial & Commercial users of Energy Park Way Industrial area | Surrounding         | 10<                                                                 |
| FBM Zinc                                                         | Southeast           | 50                                                                  |
| Humber Energy                                                    | Southeast           | 160                                                                 |
| GY Self Storage                                                  | Southeast           | 170                                                                 |
| South Humber Bank Power Station                                  | Northwest           | 800                                                                 |
| <b>Watercourses / Surface Water Features</b>                     |                     |                                                                     |
| Oldfleet Drain                                                   | Northwest           | 320                                                                 |
| Humber Estuary (SSSI, SAC, SPA & Ramsar)                         | North               | 650                                                                 |
| <b>Infrastructure (major roads and transport links)</b>          |                     |                                                                     |
| Energy Park Way                                                  | South               | 250                                                                 |
| Railway Line                                                     | Southwest           | 325                                                                 |
| <b>Ecological Sites</b>                                          |                     |                                                                     |
| Deciduous woodland                                               | North & Southwest   | 100 & 900                                                           |

- 2.5.2 Other receptors not shown in the above table are illustrated on Drawing No. 3640-HEAL-04 but adjacent users could be affected by any potential odour release.

## 2.6 Risk Matrix

- 2.6.1 The odour risk in any particular event can be established using the risk assessment matrix given in the table below.

Table 2.4 – Risk matrix

|           |            | Sensitivity |        |           |
|-----------|------------|-------------|--------|-----------|
|           |            | Low         | Medium | High      |
| INTENSITY | Negligible | NEGLIGIBLE  | LOW    | LOW       |
|           | Low        | LOW         | LOW    | MEDIUM    |
|           | Moderate   | LOW         | MEDIUM | MEDIUM    |
|           | High       | MEDIUM      | MEDIUM | HIGH      |
|           | Severe     | MEDIUM      | HIGH   | VERY HIGH |

### **3      Potential sources of odour**

#### **3.1      General waste - storage prior to processing**

- 3.1.1      This waste would be stored within AREA 2 comprising mixed waste which has been tipped in a covered area.
- 3.1.2      Whilst these wastes are not commonly associated with odorous emissions, they can contain some fine organic materials which can, in some cases, be attributed to a general “musty” odour. This smell is exacerbated following ingress of rainwater which occurs predominantly whilst the wastes are resident in skips/containers at the sites of production and prior to receipt at the site.
- 3.1.3      Whilst not common, these wastes have the potential to contain materials of a putrescible nature which are not identifiable until the load has been tipped at the site.
- 3.1.4      As detailed above, this material will be tipped within a covered area which will prevent further ingress of rainwater.

#### **3.2      General waste - residual wastes for landfill**

- 3.2.1      These wastes are essentially the lighter, non-recyclable fraction of the “general waste” input which is residual following any treatment/sorting of wastes on site. These wastes will be transferred to a suitable storage area pending offsite removal.
- 3.2.2      The finer organic material will have been separated via the initial hand sorting, and any putrescible materials (such as ‘black bag’ wastes) will have been identified, isolated, and rejected during the tipping and sorting process. Therefore, these residual wastes have less potential to cause odour than the original mixed waste input described in Section 3.1 above.

### **3.3**     Foul surface water

- 3.3.1     In the event of a rainfall incident, the external concreted areas comprise sealed drainage.
- 3.3.2     In the event of a rainfall incident which leads to flooding, an emergency drainage consultant would be called to the site and water pooling in the external concreted areas of the site would be pumped from site.
- 3.3.3     Some skips which have stood on producer's sites for a long time often contain foul smelling water which may give rise to odour when tipped which will not be found until deposit in assuming the skip is sealed. It is important to note the site would not look to accept this material onto the site.

### **3.4**     Green wastes

- 3.4.1     It is important to note that the site is not a dedicated green waste handling facility – green waste produced at the site comprises predominantly of either clean or potentially contaminated wood i.e. branches with or without leaves, tree trunks, internal doors etc. from householder skips, it is unlikely that this will contain grass cuttings. The waste is sorted and transferred to a container for storage prior to offsite removal.
- 3.4.2     As mentioned previously, it is unlikely the green waste will comprise grass cuttings which typically harbour the greatest potential for odour due to their susceptibility to aerobic composting and decomposition while in storage (particularly if wet). Any loads containing grass cuttings or other malodorous green waste would be rejected from the site or the unauthorised waste picked out and put in the quarantine area or rejected container for removal to a suitably permitted site.
- 3.4.3     Any separated wood is considered clean as any potential contaminants will have been removed prior to storage within the designated container pending collection / removal off site.

### **3.5     Plasterboard/gypsum**

- 3.5.1     Due to the nature of gypsum, it can react with water to produce an odorous/toxic gas, hydrogen sulphide. Also, under the waste hierarchy it is incumbent on producers/holders of controlled waste to recycle, the reaction of water with plasterboard will impact the recovery of the waste. Plasterboard will be segregated during the initial sorting and transferred to a suitable covered container.
- 3.5.2     Storing plasterboard undercover significantly reduces the potential for the waste to come into contact with water producing hydrogen sulphide.
- 3.5.3     Once plasterboard has been sorted into a container it will typically be removed from site within 1 month or sooner if full (this accounts for any delays in collections etc), minimising the potential for hydrogen sulphide developing.

### **3.6     Processing of waste**

- 3.6.1     The processing of waste may result in odorous emissions; however, the risk of this occurring is low due to the duration of the stored material and the limited mechanical treatment of any odorous wastes undertaken at present. All odorous waste will be subject to separation via hand sorting, using the onsite excavator/loading shovel, trommel or picking line.
- 3.6.2     Should non-conforming and potentially odorous wastes be discovered during the sorting of waste, these will be rejected in accordance with the waste rejection procedure included in the EMS. The site also has strict pre-acceptance procedures which are detailed in the EMS.

### 3.7 Background Odour Sources in the Area

3.7.1 Other potentially odour emitting operators, sites or areas are tabulated below in the table below.

Table 3.1 - Other Odour Generating Operators

| Company               | Address                | Type of Business | Approximate distance & location from site boundary (m) |
|-----------------------|------------------------|------------------|--------------------------------------------------------|
| N/A - Treatment works | Energy Park Way Estate | Industrial       | Adjacent / northwest                                   |

3.7.2 There are also several commercial premises which will all have wheelie bins stored externally which could generate a smell if not emptied regularly. There is also the Humber Estuary and are numerous agricultural fields in the vicinity which may release odour due to certain fertilisers being used.

3.7.3 Odour release could also be the result of abnormal weather conditions, machinery breakdowns and human error.

3.7.4 In order to determine whether complaints are the result of activities from the site or from other nearby sites an odour complaints form will need to be completed in line with the company's complaints procedure which is attached in Appendix II.

## 4 Odour control

### 4.1 Pre-acceptance checks

- 4.1.1 The driver collecting the waste being delivered to the site will be trained (by site management) to identify any loads which have the potential to cause odour. If any odour release is present during the collection, the driver would report back to site management who would contact the customer who would need to declare the contents of the wastes being removed from their site. Site management would then take the decision to reject the waste depending on the outcome of the enquiry with the producer site.

### 4.2 Waste acceptance procedure

- 4.2.1 Strict waste acceptance procedures are in place at the site as shown below and the following details will be recorded for every load deposited at the site:
- a) The date and time of delivery.
  - b) The name and address of the waste producer.
  - c) The detailed and accurate description of the waste including type, quantity (in tonnes and/or cubic metres) and EWC codes.
  - d) How the waste is contained e.g. loose, container type.
  - e) The carrier's name and address.
  - f) Driver's name, signature and vehicle registration No.
  - g) Signature or initials of person(s) producing/ accepting/ inspecting/ carrying the waste.
  - h) Additional handling details/notes made by the driver after inspection of the load.
  - i) SIC code of the premises which produced the waste (where relevant).
  - j) Waste hierarchy declaration.
  - k) Information on previous treatment of the waste e.g. manual or mechanical.
- 4.2.2 Once a load has been tipped, it will undergo a further visual inspection and if the load is found to have contained levels of odour which are likely to escape off site, the load will be loaded back onto the delivery vehicle and returned to source. As mentioned in the section

above, the likelihood of this occurring from the operator's own drivers would be low but could apply to third party loads being delivered. If small levels of contamination are present, these would be noted in the site diary so feedback could be provided to the producer site and the waste would still be tipped. The waste giving rise to the odour would be handpicked placed in a sealed, covered quarantine skip and removed from site within 48 hours.

### **4.3**     Rejected waste

- 4.3.1     The wastes before being unloaded will be inspected for contrary items, pests, odour and any material found not suitable for the site will not be unloaded and returned to source.
- 4.3.2     Any wastes which do not conform to site acceptance criteria and are discovered following acceptance will be quarantined immediately to await safe removal from site. The EA will be contacted (where necessary) if the non-conforming waste discovered is likely to lead to a breach of permit conditions. The quarantined material will be stored in a sealed container or bay with weatherproof covering and removed from the site within seven days or within 48 hours if odorous in nature.

### **4.4**     Site Operations

- 4.4.1     Limiting odour from the waste recycling facility can best be achieved through employing effective site management and good general practice. It is much easier to minimise odours in the first instance rather than dealing with problems when they occur.
- 4.4.2     The next section addresses the general site management guidelines and identifies specific procedures to mitigate against odorous emissions.

### **4.5**     Receiving Wastes

- 4.5.1     Rigorous control of wastes delivered to the site is required, with contaminated or odorous wastes (stored too long) rejected in line with the procedures in the EMS and EP. Trained competent staff are in place to recognise odorous material and to inspect incoming wastes as it is deposited at the site. Malodorous waste will be returned to the producer or sent to

another authorised facility for treatment. Waste suppliers and HGV skip vehicle drivers are required to ensure that only acceptable material is brought to site to minimise the incidence of rejection. If staff continually bring odorous waste to the site, the operator will initiate their three-strike rule:

- a) Additional waste type recognition training (see EMS)
- b) A verbal and written warning
- c) Refused entry into the site or potentially disciplinary.

4.5.2 Age of wastes - Rapid Collections Limited maybe receiving waste from third party waste facilities so waste could have stored at the producer for longer than necessary. The procedures shown in the above would however limit any wastes with significant odour potential being accepted. Significant meaning odour being realised from the site which could lead to complaints or from following inspections for odour potential.

## 4.6 Storage of Wastes

4.6.1 The site may store the following wastes shown in Section 1.5 which could be regarded as those which could present odour issues at the site. The table below details how accepting and storing these wastes would reduce any potential odour release from the site.

Table 4.1 - Waste storage / monitoring for odorous wastes on site

| Storage Area & Type of Waste                                                                          | Odour Monitoring Procedures for Stored Wastes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AREAS 2 and 12<br><br>General waste/tipping and sorting area, including mixed wastes to be processed. | <ul style="list-style-type: none"><li>• This area comprises the general and mixed waste tipping area awaiting sorting.</li><li>• No food wastes are accepted at the site which are considered to be particularly malodorous.</li><li>• The operator implements strict waste acceptance procedures on site including pre-acceptance checks at a customer premises, any waste considered to be malodorous will not be accepted. Further information on the waste acceptance procedure can be found in sections 4.1 and 4.2.</li><li>• Skips are typically only stored at customer premises for a maximum of 14 days; the age of waste is considered to not be susceptible to developing odour. Waste is then only stored on site for a maximum of 24 hours prior to sorting and further processing</li><li>• If odorous waste is identified during monitoring, the site will investigate, find the root cause, and quarantine the odorous load in</li></ul> |

|                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                             | <p>sealed containers which will be removed from site as soon as practicable.</p> <ul style="list-style-type: none"> <li>• Site operatives will all be trained to recognise odour.</li> <li>• Due to the strict pre-acceptance checks and waste acceptance procedures, it is considered the waste in this pile will present a relatively low risk of odour.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <p>AREAS 4, 7 &amp; 9</p> <p>General waste and plastics</p> | <ul style="list-style-type: none"> <li>• These areas comprise the storage of sorted and processed general waste and plastics which have been segregated via hand sorting, the loading shovel/excavator or by the trommel and picking line</li> <li>• Waste will have been sorted prior to storage in the bays so any malodorous waste will have been rejected and removed prior to storage.</li> <li>• Waste storage times range dependent on the type of material (see Table 1.1 for storage durations). The material stored in the picking line bays will be cleared within 24 hours i.e. waste will be transferred to the relevant container or storage bay; plastics stored within the external bay will be stored for no longer than &lt;1 month.</li> <li>• If odorous waste is identified during monitoring, the site will investigate, find the root cause, and quarantine the odorous load in sealed containers which will be removed from site as soon as practicable.</li> <li>• Site operatives will all be trained to recognise odour.</li> <li>• Due to the fact that wastes have been processed and will not contain any contaminated material, the short storage time and the secure storage, the risk of odour is considered to be low.</li> </ul> |
| <p>CONT 1 - 7</p> <p>Separated recyclables</p>              | <ul style="list-style-type: none"> <li>• These containers are used to store processed wastes which have been segregated via hand sorting, the loading shovel/excavator or by the trommel and picking line</li> <li>• Waste will have been sorted prior to storage in containers so any malodorous waste will have been rejected and removed prior to storage.</li> <li>• Waste storage times range dependent on the type of material (see Table 1.1 for storage durations) Waste will be stored in containers for less than &lt;1 month..</li> <li>• If odorous waste is identified during monitoring, the site will investigate, find the root cause, and quarantine the odorous load in sealed containers which will be removed from site as soon as practicable.</li> <li>• Site operatives will all be trained to recognise odour.</li> <li>• Due to the fact that wastes have been processed and will not contain any contaminated material, the short storage time and the secure storage, the risk of odour is considered to be low.</li> </ul>                                                                                                                                                                                                              |

4.6.2 In summary, the wastes being accepted have the potential to cause given their EWC code, but strict acceptance procedures proposed by the operator would eliminate loads with significant odour potential being accepted initially.

4.6.3 Waste will be stored to ensure compliance with the EP and as detailed in the EMS, FPP and this OMP document.

## **4.7      Loading and Transport of General Wastes**

- 4.7.1      In all cases, the drop heights of mixed waste will be kept to an absolute minimum i.e. 1-2m above the ground. On most occasions, the waste will be removed from the HGV into the tipping area within the covered area where they will be sorted into the relevant waste stream therefore reducing any drop height. All waste vehicles entering/leaving the site containing light and/or potentially malodorous wastes will be securely sheeted or enclosed at all times to ensure that odour pollution is not caused beyond the site boundary via queuing collection/delivery vehicles.

## **4.8      Housekeeping**

- 4.8.1      Regular cleaning of operational areas (i.e. minimum once daily) such as roads, drainage channels and holding tank will be carried out using mobile plant and water supplies to discourage odour generation from old degrading materials. Additional plant can be sourced to clean the site more thoroughly if required i.e. by using a road sweeper. The odorous materials collected will then be placed in a sealed, covered skip, stored in the quarantine area and removed/emptied every 48 hours or sooner if staff detect odorous emissions following daily inspections. Site management will delegate these tasks to operational staff and seek radio or written confirmation that the tasks have been complete and whether any odours have been detected.
- 4.8.2      In addition to daily visual monitoring of the site; site management will monitor the integrity of the covered area and associated structure on a quarterly basis. In the event that there are any issues resulting in increased odour release, the maintenance works will be carried out within 48 hours.
- 4.8.3      A housekeeping schedule has been produced overleaf, and site management will train operational staff via toolbox talks every 6 months or sooner if site operations change to ensure the following housekeeping schedule is strictly adhered to.
- Avoid fugitive odorous emissions through good housekeeping
  - Maintain a clean, well-organised site

- Jet spray and disinfect storage bays once per week
- Clean equipment that has been in contact with odorous materials
- Carry out a deep clean of the reception / processing areas and storage bays once a quarter and record this in the site diary
- Concrete floors draining appropriately and slopes / catchments pits are functioning
- Floors are sealed to prevent absorption and adsorption of odour producing residues.
- Solid waste storage containers shall be robust, easily cleanable, designed for safe handling, and constructed to prevent loss of wastes from the equipment during storage. If such equipment is used to store other wet or liquid producing wastes, or wastes composed of fine particles, such equipment shall in all cases be non-absorbent and leak resistant.
- Periodically treat drainage systems with bacteria-inhibiting solution

## **4.9**     Site Infrastructure

4.9.1     The site deploys the following measures ensuring odours do not escape beyond the site boundary.

- Monitoring – The site will carry out Olfactory/Sniff assessments which have been outlined further in Section 5 of this OMP.
- Stock rotation – All potentially odorous wastes stored on site are within a covered area, skips or storage bays which undergo continuous monitoring. The site follows the first in, first out principle which ensures that the oldest wastes are removed from the site first and aren't left to stand for a long period of time.
- Housekeeping – The site will carry out regular cleaning (minimum once daily) of all operational areas at the site paying special attention to storage areas for odorous wastes. The site has a housekeeping schedule shown in section 4.7.
- Storage procedures – All odorous wastes are contained within skips or storage bays. Any wastes giving rise to odour will not be stored for longer than usually 48 hours.

4.9.2     Site management will visually monitor the baler and covered area on a daily basis and will carry out quarterly monitoring of the storage bays to ensure their integrity is suitable. In the

event that there are any issues, the bays and covered structure will undergo maintenance/repair works within 48 hours.

#### **4.10 Liaison with Neighbours & the EA**

- 4.10.1 In the event of significant but temporary odour releases outside normal operations, immediate neighbours within 200m will be contacted via phone call or face to face to advise them of the situation and the action being taken. The EA will also be notified by a telephone call or email to the inspecting officer or if this person is on leave, the local area team.
- 4.10.2 An open-door policy will be encouraged by the operator to enable any complaints from neighbouring premises (if received) to be dealt with immediately. The complainant will then be supplied with remedial actions taken and any procedures or measures put in place by the operator to reduce or ideally eradicate the likelihood of a subsequent complaint.
- 4.10.3 If any odour complaints are received, the complaint will be assigned to an operative familiar with the sites operation who will complete a 'complaints and events log' and detailed individually on the complaints form (in Appendix II), both of which will be kept for inspection on request by the EA. Details of information to be completed are dates, nature of complaint, weather conditions at the time of the complaint, investigation details, action taken and a signature (as a minimum). Odour complaints will be investigated and responded to within 24 hours and suitably reviewed by the site manager who is ultimately responsible.
- 4.10.4 The operator would also be required to make a note of any unavoidable events plant/equipment malfunctions in the site diary, rather than just actual complaints received. This will ensure that if complaints are received retrospectively from either the Council/EA or directly, any circumstances which led to that complaint as a result of elements outside of the operator's control would be able to be attributed to the cause of the complaint. If there are significant odour releases outside normal operations, the operator will cease operation, investigate and resolve the issue before continuing.

#### **4.11    Training**

- 4.11.1    All employees of Rapid Collections Limited involved with storage and handling of potentially odorous materials will receive sniff test training (including office/admin workers allocated to undertake the Sniff test) and complaint reporting (management and operations staff). Site management comprising the director/TCM/site foreman/site manager will be responsible for delivering the training to employees within the company.
- 4.11.2    Training will be given to employees of Rapid Collections Limited by site management i.e. director/TCM/site foreman/site manager ensuring all employees are competent in completing olfactory assessment survey forms, odour complaint report forms and the odour diary to ensure sufficient monitoring and reporting of odours can be carried out.
- 4.11.3    A full test (drill) of the procedures in this document will be carried out every 6 months to test that the plan works. The first test will take place within one month of the agreement of this document with the EA. The outcome and any follow up training for staff will be documented in the site diary and relevant forms in the EMS and this OMP. The OMP checklist will also be used during the drill. Site management will responsible for completing the drill.

## 5 Monitoring

### 5.1 Monitoring Odorous Releases

5.1.1 The site has identified the following process trigger levels which could result in an odour release at the site

- a) AREA 2 being at capacity resulting in incoming skips not being tipped and stored for longer than necessary.
- b) The storage bays being full.
- c) Plant/machinery breakdowns resulting in the inability to sort/process waste efficiently and being stored longer than necessary. This could also lead to excessive fumes or leakages of diesel / oil.
- d) Standing surface water caused by either a blockage in the drainage system or arising from a heavy rainfall event
- e) High winds i.e. exceeding 7 on the Beaufort scale (over 35mph) in the direction to the nearest residential receptors
- f) Staff illness, negligence or no shows meaning waste acceptance is failing, waste is not being processed as it should be and housekeeping/daily checks may reduce or not taking place
- g) Transport failures leading to excessive storage of waste and for longer than necessary
- h) Drought/warm periods which causes the waste to stagnate and smell

5.1.2 On-site – There will be several members of staff working at the site, it is considered at least one of these staff members would be able to detect if any odour is present on site, this would be usually office staff who are not continually exposed. If a non-operational staff member identifies an odour, they will report this to site management and then the procedure shown in section 5.2.3 will be followed. This would ensure the odour problem can be investigated on site prior to a potential odour complaint.

5.1.3 In the event of one of the scenarios in shown in Section 5.1.1 occurs on site, site management will carry out odour management monitoring immediately using the procedures shown in the next sections of this OMP.

5.1.4 Rapid Collections Limited will use the following techniques to monitor odorous releases if a complaint has been made to the company:

- a) Olfactory Monitoring
- b) Complaints Monitoring
- c) Odour Diaries (when necessary)

## 5.2 Olfactory Monitoring

5.2.1 The site supervisor will monitor odour around the entire site perimeter at least twice daily and an Odour Diary will be completed (Appendix II). The monitoring will be carried at intervals out while the site is operational, additional monitoring may be carried should there be reason to suspect a potential odour problem (potentially malodorous waste onsite, foul surface water issues etc.). It is not considered necessary to have fixed odour monitoring points due to infrequent weather conditions. If there is an easterly or westerly wind, the staff member carrying out the monitoring will observe the area from the north or south so odour can be easily identified. The site staff member will complete the monitoring and form in Appendix II at least once every 12 hours or in the event of the circumstances shown in Section 5.1.1 immediately then every 3 hours afterwards. The monitoring will be carried out while the site is operational and should it be observed if odour is being released, the staff member will radio site management who will find the odour release and rectify the problem immediately.

5.2.2 The results of monitoring exercises and any remedial action taken will be entered into the logbook which is available for the EA to inspect upon request. The name of the site supervisor will be stated in the site's diary / inspection form for each day of operation along with notes on weather including precipitation, temperature, wind speed and direction (from Met Office information).

5.2.3 Should the monitoring conclude that a certain activity/waste is giving rise to odour which is migrating offsite, steps will be made to reduce the impact of this activity, which may include, but is not limited to; removal offsite to a suitably permitted facility, faster processing/lower

storage rates, pumping and removal of standing surface water, removal of waste to a more suitable area of the site etc.

- 5.2.4 The site supervisor will be suitably trained to carry out these duties. Further information regarding training and technical competence is provided within the site's EMS.
- 5.2.5 Prior to carrying out a routine odour check, the relevant member of staff will vacate the site for a period of 30 minutes (in addition to 5.3.2 below) and then carry out the assessment on their return to ensure they are not desensitised to the odour.

### **5.3 Odour Monitoring Procedure**

- 5.3.1 Sniff testing will be carried out by trained; competent staff daily (at least twice) should the management have reason to suspect odorous emissions from the site or complaints received. Assessments will be carried out both routinely and in response to specific complaints.
- 5.3.2 The assessor should not:
- a) Smoke or consume strongly flavoured food or drink for at least 30 minutes before the assessment.
  - b) Consume confectionary or soft drinks immediately before the assessment.
  - c) Apply scented toiletries, such as perfumes or aftershave immediately before an assessment.
- 5.3.3 Starting points of assessments should be downwind of the site, progressing towards the site boundary and then away from the site in an upwind direction. The person carrying out the assessment should walk slowly and breathe as normal. The points have not been provided on the site plan due to the regular variations in wind speed and direction.

## **5.4**      Complaints Monitoring/Procedure

- 5.4.1      All odour complaints will be investigated promptly, and appropriate remedial action will be taken if the complaint is validated e.g. remove odorous materials off site as soon as reasonably possible. Complaints will be recorded on the form found in Appendix II.
  
- 5.4.2      Complaints to the EA will also be recorded and taken into account. An olfactory assessment survey will be carried out from where the complaint was made and from any convenient locations between the complainant/receptor and the site so that the complaint can be validated or rejected.

## **5.5**      Odour Diaries

- 5.5.1      If members of the local community are frequently reporting odour issues in the vicinity, then they will be asked (if agreeable) to keep an odour diary. This will help to build up an account of when the odour occurs, their location and the site operations that were being carried out at the time, as well as the duration of the activities taking place. Any obvious problems can then be addressed.

## 6 Contingency Plans

### 6.1 Contingencies and Emergency Plans

6.1.1 In accordance with the EA's guidance on OMPs, the operator will develop contingency plans to react to situations 'where monitoring indicates that a potential odour source is not completely under control, meteorological conditions are unfavourable or that adverse impact has occurred'. Odours will be based on a 1 – 5 scoring scheme as shown below and also in the odour diary shown in Appendix II:

- 1 = No detectable odour
- 2 = Faint odour (barely detectable, need to stand still and inhale facing into the wind)
- 3 = Moderate odour (odour easily detected while walking & breathing normally)
- 4 = Strong odour
- 5 = Very strong odour (possibly causing nausea depending on the type of odour)

6.1.2 If odours based on 3-5 are detected at the site boundary, other monitoring point or a complaint is received, the following remedial procedures will be taken:

a) Firstly, identify the odour source; is it from:

- Site operations; or,
- An off-site source (e.g. agricultural spreading operation)
- If on site:
  - Report incidence to the site or technically competent manager;
  - Identify the point of release of the odour;
  - Identify the cause if the release i.e. machine breakdown, leakage, etc.;
  - Identify a solution;
  - Implement a solution;
  - Carry out olfactory tests to check if fix is working;
  - Record actions taken on relevant forms and site diary as required by this plan

6.1.3 Then actions taken if odour is being produced on site will be:

- a) Normal Operations: The offending odour will be traced and the reason for the cause of the problem will be investigated. Once solutions are in place, olfactory monitoring will be carried out to ensure the solutions put in place are having the desired effect.
- b) Abnormal Conditions: Adverse weather conditions can promote generation of odour and inhibit its effective dispersion e.g. hot weather with little wind, resulting in increased risk of odour to receptor locations. If this happens odour causing operations will cease until more favourable meteorological conditions return.

## 6.2 Corrective Actions for Various Situations

6.2.1 The table below summarises the various problems likely at the site and the standard responses available, which will assist in reducing odour potential.

Table 6.1 –Corrective actions

| Process                  | Problem                    | Corrective Action                                                                                                                                                                                                                                                                     |
|--------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Waste Delivery (tipping) | Deposit of odorous load    | Isolate material. Reject material giving rise to odour.                                                                                                                                                                                                                               |
| Stored wastes (general)  | Odorous emissions detected | Olfactory/SNIFF test required to pinpoint source. Ensure procedures outlined in Section 5 are adhered to in full. Remove malodorous waste to a suitably permitted facility. Implement liaison programme if risk deemed HIGH or VERY HIGH i.e. strong or severe as shown in Table 2.1. |

## 6.3 Staff shortages/human error

6.3.1 In the event of unforeseen staff shortages arising from illness, suspension or no shows, the operator will make a judgement whether to reduce the number of incoming loads, thus reducing processing frequency and storage of potentially odorous wastes. The operator will then seek further employment within a timely manner to ensure the site can continue to operate at its required capacity.

- 6.3.2 All staff are trained and undergo toolbox talks every 6 months (or sooner if operations change) to reduce the impact of human error. In instances where a human error has caused to an odour issue, the site may suspend operations until the issue has been rectified, and the member of staff will be warned and re-trained accordingly.

## **6.4 Weather conditions / emergency situations**

- 6.4.1 The site will set up a notification alert system with the Met Office to receive updated weather information for the following weather conditions which could cause a potential on or off-site odour issue:

- High winds >45mph which could exaggerate an odour
- Droughts or periods of hot weather exceeding 3 major dry days which could lead to water shortages, hosepipe bans and excessive odour
- Flooding

- 6.4.2 The site would install the following preventative/contingency measures (in addition to control measures in Section 4) to avoid serious odour issues as a result of the above weather conditions or fire incident:

- Stockpiles containing any odorous waste may be covered with tarpaulin in the event ongoing procedures are not considered effective.
- Contact an additional haulier to help remove the waste on site.
- Suspend any further waste deliveries to the site.
- Contact the EA to agree a suitable course of action
- Contact members of the public or any other persons who could be affected by the odour and advise of the contingency measures the site has employed and timescales when the odour is likely to be reduced.

## **6.5 Operational failure**

- 6.5.1 The manager will be contacted by staff in the event of any operational failure such as the breakdown of plant, systems or equipment and will decide whether operations are to

continue or be suspended prior to corrective action being taken. Serious operational failures, which result in the closure of the site, will be recorded in the site diary.

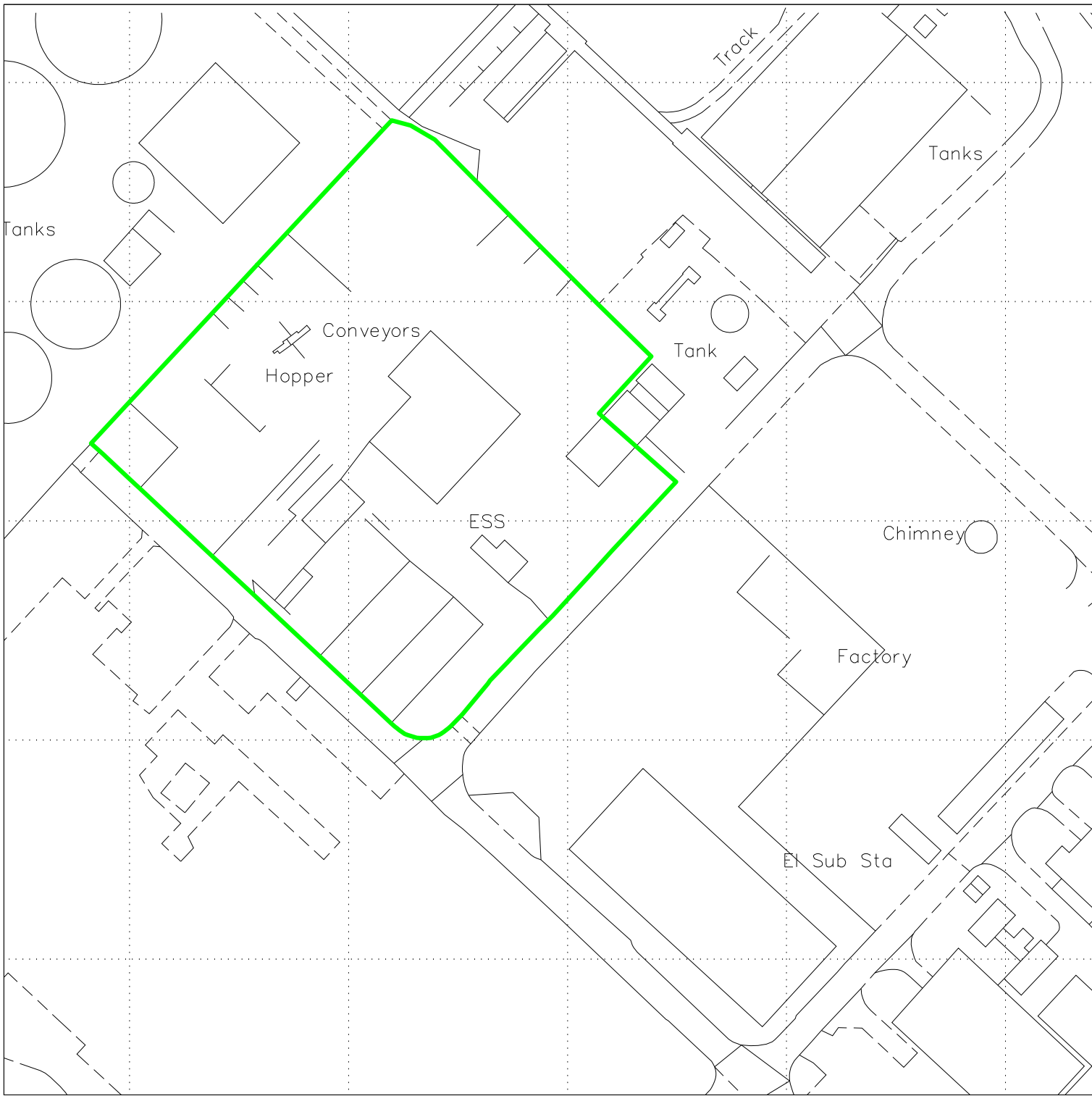
- 6.5.2 All repairs to site security will be made within on the discovery of the damage if possible and the site will be made secure until the repair has been carried out.
- 6.5.3 Any major defects found during the daily site inspection which are likely to lead to a breach of permit conditions will be repaired by the end of the working day in which they are found, where possible. If a repair is not possible by the end of the working day and a potential breach of permit conditions may occur, the EA will be contacted to agree a suitable timescale for repair.
- 6.5.4 All defects and problems likely to give rise to odour will be recorded on the form HEAL/RF/4 or the operators own recording procedures with repairs/solutions being carried out immediately; neighbours will be alerted if the problem cannot be rectified immediately and provided a timescale when the problem will cease.

## **6.6 OMP Management**

- 6.6.1 This OMP will be reviewed at least annually unless it becomes apparent that the activities are giving rise to pollution outside the site due to odour, in which case it will be revised within 7 days and a copy forwarded to the EA for approval before implementation. It may also be revised upon request from EA, should the permit be varied, transferred etc.

# Appendix I

## Drawings



**NOTES**  
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| REVISION HISTORY |          |       |                 |
|------------------|----------|-------|-----------------|
| Rev:             | Date:    | Init: | Description:    |
| -                | 22.01.26 | JH    | Initial drawing |

N

Scale Bar (1:1,250)

TITLE:  
PERMIT BOUNDARY PLAN

CLIENT:  
Rapid Collections Limited

PROJECT/SITE:  
Energy Park Wy, Healing, Grimsby DN31 2TT

SCALE @ A4:  
1:1,250

CLIENT NO:  
3640

JOB NO:  
001

DRAWING NO:  
3640-HEAL-02

REV:  
-

STATUS:  
Issued

DATE:  
22.01.26

DRAWN:  
JH

CHECKED:  
TB

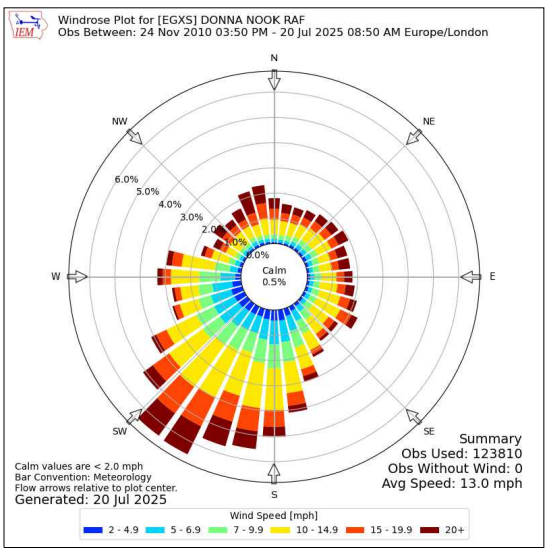
Oaktree Environmental

Waste, Planning & Environmental Consultants

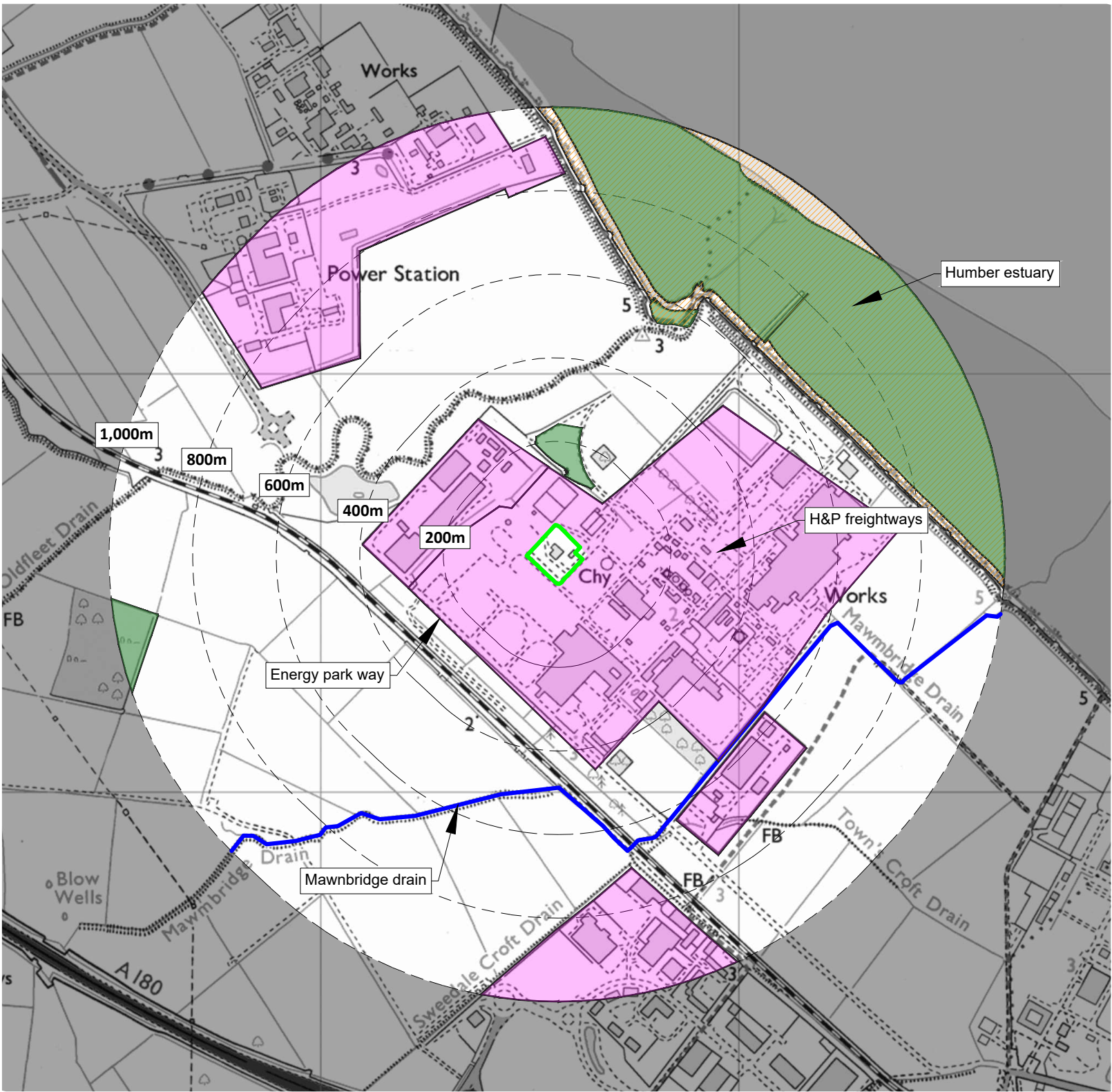


KEY:

- Permit boundary
- Main river
- Workplaces (includes agriculture industry, commerce and retail)
- Class A, B, C roads
- Railway line
- Woodland areas
- Deciduous Woodland
- SSSI / Ramsar / SPA



Compass Wind Rose for (EGXS) Donna Nook RAF  
Period 2010-2025  
- source: Iowa State University

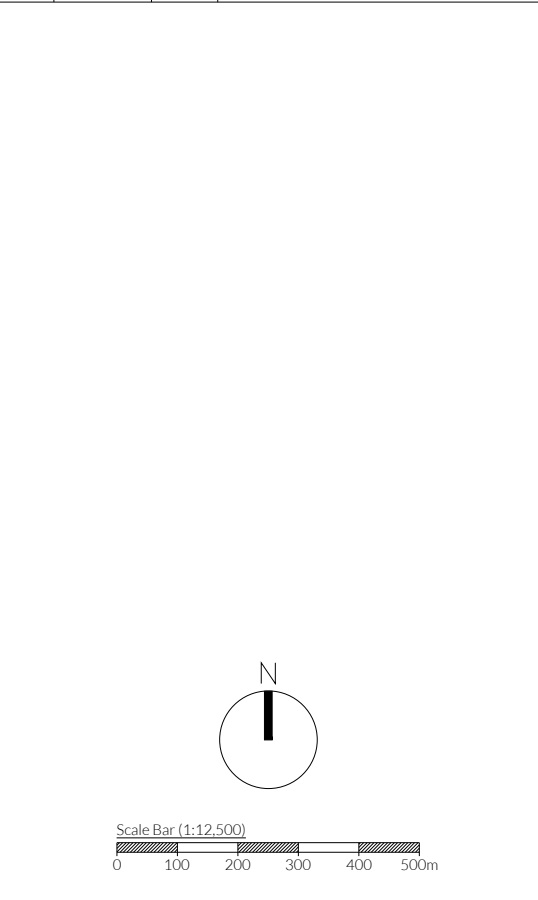


NOTES

- Boundaries are shown indicatively.
  - Wind rose data shows the prevailing wind direction to be Southerly.
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REVISION HISTORY

| Rev: | Date:    | Init: | Description:    |
|------|----------|-------|-----------------|
| -    | 22.01.26 | JH    | Initial drawing |



|                                                            |                    |                   |
|------------------------------------------------------------|--------------------|-------------------|
| TITLE:<br>RECEPTOR PLAN                                    |                    |                   |
| CLIENT:<br>Rapid Collections Limited                       |                    |                   |
| PROJECT/SITE:<br>Energy Park Wy, Healing, Grimsby DN31 2TT |                    |                   |
| SCALE @ A3:<br>1:12,500                                    | CLIENT NO:<br>3640 | JOB NO:<br>001    |
| DRAWING NO:<br>3640-HEAL-04                                | REV:<br>-          | STATUS:<br>Issued |
| DATE:<br>22.01.26                                          | DRAWN:<br>JH       | CHECKED:<br>TB    |



# Appendix II

## Record Forms

|                                                                                         |  |                 |          |  |
|-----------------------------------------------------------------------------------------|--|-----------------|----------|--|
| Odour Diary                                                                             |  |                 | Sheet No |  |
| <b>Name:</b><br><br><b>Telephone Number:</b>                                            |  | <b>Address:</b> |          |  |
| Date of odour:                                                                          |  |                 |          |  |
| Time of odour:                                                                          |  |                 |          |  |
| Location of odour, if not at above address:                                             |  |                 |          |  |
| Weather conditions (dry, rain, fog, snow etc ):                                         |  |                 |          |  |
| Temperature (very warm, warm, mild, cold or degrees if known):                          |  |                 |          |  |
| Wind strength (none, light, steady, strong, gusting):                                   |  |                 |          |  |
| Wind direction (e.g. from NE):                                                          |  |                 |          |  |
| What does it smell like? How unpleasant is it?<br>Do you consider this smell offensive? |  |                 |          |  |
| Intensity – How strong was it? (see below 1-5):                                         |  |                 |          |  |
| How long did go on for? (time):                                                         |  |                 |          |  |
| Was it constant or intermittent in this period:                                         |  |                 |          |  |
| What do believe the source/cause to be?                                                 |  |                 |          |  |
| Any actions taken or other comments:                                                    |  |                 |          |  |

Intensity (Detectability)

- 1 No detectable odour
- 2 Faint odour (barely detectable, need to stand still and inhale facing into the wind)
- 3 Moderate odour (odour easily detected while walking & breathing normally)
- 4 Strong odour
- 5 Very strong odour (possibly causing nausea depending on the type of odour)

RAPID COLLECTIONS LIMITED  
COMPLAINTS REPORT FORM (HEAL/RF/7)

|                                                                              |  |                   |  |
|------------------------------------------------------------------------------|--|-------------------|--|
| Date Recorded:                                                               |  | Reference Number: |  |
| Name and address of caller                                                   |  |                   |  |
| Telephone number of caller                                                   |  |                   |  |
| Time and Date of call                                                        |  |                   |  |
| Nature of complaint<br>(noise, odour, dust, other)<br>(date, time, duration) |  |                   |  |
| Weather at the time of complaint<br>(rain, snow, fog, etc.)                  |  |                   |  |
| Wind (strength, direction)                                                   |  |                   |  |
| Any other complaints relating to this report                                 |  |                   |  |
| Any other relevant information                                               |  |                   |  |
| Potential reasons for complaint                                              |  |                   |  |
| The operations being carried out on site at the time of the complaint        |  |                   |  |
| Follow Up                                                                    |  |                   |  |
| Actions taken                                                                |  |                   |  |
| Date of call back to complainant                                             |  |                   |  |
| Summary of call back conversation                                            |  |                   |  |
| Recommendations                                                              |  |                   |  |
| Change in procedures                                                         |  |                   |  |
| Changes to Environmental Management System (EMS)                             |  |                   |  |
| Date changes implemented                                                     |  |                   |  |
| Form completed by (Print)                                                    |  | Signed            |  |
| Date Completed                                                               |  |                   |  |

## COMPLAINT RECORDING PROCEDURE:

Any complaints received will be recorded on form HEAL/RF/7. This form will normally be completed, signed and dated by the Site Manager; if they are not available the Office Manager will complete the form.

- 1) The name, address and telephone number of the caller will be requested.
- 2) Each complaint will be given a reference number.
- 3) The caller will be asked to give details of:
  - a) the nature of the complaint;
  - b) the time;
  - c) how long it lasted;
  - d) how often it occurs;
  - e) Is this the first time the problem has been noticed; and
  - f) what prompted them to complain.
- 4) The person completing the form will then, if possible, make a note of:
  - a) the weather conditions at the time of the problem (rain, snow, fog etc.);
  - b) strength and direction of the wind; and
  - c) the activity or activities taken place on the site at the time the noise was detected, particularly anything unusual.
- 5) The reason for the complaint will be investigated and a note of the findings added to the report.
- 6) The caller will then be contacted with an explanation of the source of the complaint if identified and the action taken to prevent a recurrence of the problem in future.
- 7) If the caller is unhappy about the outcome or unwilling to identify themselves the caller will be invited to contact the Environment Agency and/or the Local Authority.

Note: Following any complaint the relevant management plan(s) will be reviewed to ensure appropriate actions are in place to counter any problems.