

# ODOUR MANAGEMENT PLAN

Eco Skips Transfer Facility, Westfield Hole Farm, Westfield Lane, Westfield, East Sussex,  
TN35 4SA

## Eco Skip Waste & Recycling Ltd

Version:	1.0	Date:	25 July 2024		
Doc. Ref:	WES-2555-F	Author(s):	EG	Checked:	CP
Client No:	2555	Job No:	005		



## Oaktree Environmental Ltd

Waste, Planning & Environmental Consultants



Oaktree Environmental Ltd, Lime House, 2 Road Two, Winsford, Cheshire, CW7 3QZ  
Tel: 01606 558833 | Fax: 01606 861183 | E-Mail: [sales@oaktree-environmental.co.uk](mailto:sales@oaktree-environmental.co.uk) | Web: [www.oaktree-environmental.co.uk](http://www.oaktree-environmental.co.uk)  
REGISTERED IN THE UK | COMPANY NO. 4850754

## Document History:

Version	Issue date	Author	Checked	Description
1.0	25/07/2024	EG		Application copy

## CONTENTS

<b>DOCUMENT HISTORY:</b>	<b>I</b>
<b>CONTENTS</b>	<b>II</b>
<b>LIST OF TABLES:</b>	<b>IV</b>
<b>LIST OF APPENDICES:</b>	<b>V</b>
<b>1 INTRODUCTION</b>	<b>1</b>
1.1 GENERAL	1
1.2 HOURS OF OPERATION	2
1.3 REVIEWING AND MONITORING THIS OMP	2
1.4 WASTE TYPES AND QUANTITIES	2
1.5 SITE MANAGEMENT	4
<b>2 ODOUR RISK ASSESSMENT</b>	<b>6</b>
2.1 METHODOLOGY	6
2.2 ODOUR INTENSITY	6
2.3 RECEPTOR SENSITIVITY	6
2.4 SENSITIVE RECEPTOR LOCATIONS	7
2.5 LIST OF RECEPTORS	7
2.6 RISK MATRIX	8
<b>3 POTENTIAL SOURCES OF ODOUR</b>	<b>9</b>
3.1 GENERAL WASTE - STORAGE PRIOR TO PROCESSING	9
3.2 GENERAL WASTE - RESIDUAL WASTES FOR LANDFILL	9
3.3 FOUL SURFACE WATER	10
3.4 PLASTERBOARD/GYPSUM	10
3.5 PROCESSING OF WASTE	11
3.6 BACKGROUND ODOUR SOURCES IN THE AREA	11
<b>4 ODOUR CONTROL</b>	<b>12</b>
4.1 PRE-ACCEPTANCE CHECKS	12
4.2 WASTE ACCEPTANCE PROCEDURE	12
4.3 SITE OPERATIONS	13
4.4 RECEIVING WASTES	13
4.5 STORAGE OF WASTES	14
4.6 LOADING AND TRANSPORT OF GENERAL WASTES	15
4.7 HOUSEKEEPING	15
4.8 SITE INFRASTRUCTURE	17
4.9 LIAISON WITH NEIGHBOURS	17
4.10 TRAINING	18
<b>5 MONITORING</b>	<b>19</b>
5.1 MONITORING ODOROUS RELEASES	19
5.2 ODOUR MONITORING	20
5.3 MONITORING PROCEDURE	21
5.4 COMPLAINTS MONITORING/PROCEDURE	22
5.5 ODOUR DIARIES	22
<b>6 CONTINGENCY PLANS</b>	<b>23</b>
6.1 CONTINGENCIES AND EMERGENCY PLANS	23

6.2	CORRECTIVE ACTIONS FOR VARIOUS SITUATIONS .....	24
6.3	STAFF SHORTAGES/HUMAN ERROR .....	24
6.4	WEATHER CONDITIONS / EMERGENCY SITUATIONS .....	25
6.5	OPERATIONAL FAILURE.....	25

## List of Tables

Table 1.1 – Storage Table Details (Odorous wastes) .....	1
Table 1.2 Accepted wastes with odour potential .....	1
Table 2.1 – Odour Intensity .....	6
Table 2.2 – Receptor sensitivity .....	6
Table 2.3 – Sensitive Receptors .....	7
Table 2.4 – Risk matrix .....	8
Table 3.1 - Other Odour Generating Operators.....	11
Table 4.1 - Waste storage / monitoring for odorous wastes on site .....	15

## **List of Appendices:**

**Appendix I      -      Drawings**

**Appendix II      -      Record Keeping Forms**

Complaints Form

Odour Diary

# **1      Introduction**

## **1.1      General**

- 1.1.1      Oaktree Environmental Ltd have been instructed by Eco Skip Waste & Recycling Ltd (the Operator) to prepare this Odour Management Plan (OMP) for the site situated at Eco Skips Transfer Facility, Westfield Hole Farm, Westfield Lane, Westfield, East Sussex, TN35 4SA.
- 1.1.2      The permit boundary is illustrated on Drawing No. WES/2555/02 Permit Boundary Plan. All reference to 'the site' in this OMP refers to the associated operations, infrastructure, plant, and equipment within this boundary.
- 1.1.3      The site is operated in accordance with Environmental Permit ref. KB3407SL (the Permit). This OMP has been produced to accompany a variation application for the Permit.
- 1.1.4      The Site is operated as a household, commercial and industrial (HCI) waste transfer station with treatment and a physical treatment facility (PTF) for construction and demolition waste to produce soil, soil substitute and aggregate product.
- 1.1.5      This OMP has been prepared in conjunction with a permit variation application to add HCI waste acceptance and treatment activities. It is considered some HCI waste have the potential to emit odour. Therefore, this OMP has been developed with the specific aims of ensuring:
- a)    All potential odour sources are identified.
  - b)    Odour impact is considered as part of routine inspection.
  - c)    The minimisation of the risk of unplanned odour releasing incidents or accidents that could result in offsite annoyance / complaints.
  - d)    Odour is primarily controlled at source by good operational practices, the correct use and maintenance of storage areas and operator training.

1.1.6 This OMP has been produced in accordance with the following guidance:

- a) Environment Agency's guidance: Develop a management system: environmental permits (updated April 2023).
- b) Environmental permitting: H4 odour management (published April 2011).

## **1.2 Hours of Operation**

1.2.1 The site is permitted to be open during the following hours for the receipt, processing and removal of waste:

Monday to Friday	08:00 – 18:00
Saturday	08:00 – 13:00
Sundays & Bank/Public holidays	Closed

## **1.3 Reviewing and monitoring this OMP**

1.3.1 This OMP will be reviewed bi-annually (once every two years) or in the event of the following:

- a) If a change in operation is deemed to potentially increase risk of odour emissions.
- b) Following a report or incident of odour.

1.3.2 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.

## **1.4 Waste Types and Quantities**

1.4.1 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.

- 1.4.2 The maximum amount of waste to be stored on site at any one time is shown on Drawing No. WES/2555/03 Site Layout & Fire Plan with residence times for each waste type.
- 1.4.3 If the maximum storage capacity is reached, no further waste will be accepted until waste can be removed from the site and taken to a suitably permitted or exempt site.
- 1.4.4 The majority of wastes will be accepted under the following EWC codes and stored in the following areas on site:
- 17 08 02 – Gypsum / plasterboard (**AREA 1B**)
  - 17 09 04 - mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03 – (**AREA 8**)
  - 20 03 01 - mixed municipal waste (**AREA 5**)
  - 20 01 39, 17 02 03 – Mixed plastics (**AREA 3**)
- 1.4.5 The table overleaf details a summary of the main waste types which are accepted on and stored on a daily basis at the site, the rows highlighted in red are considered to be those wastes which have the potential to cause odour. It is considered that odorous waste will not be stored for longer than the maximum durations shown on the table overleaf.

Table 1.1 – Storage Table Details (Odorous wastes)

Waste Storage Area Details												
Plan Ref	Description	Storage type	Containment	Height / width of firewall (m)	Max Width (m)	Max Length (m)	Height (m)	Max area (m2)	Conversion factor used	Volume (m3)	Tonnage (approx.)	Maximum storage durations
AREA 1A	Scrap metal bay	Free-standing / unprocessed	Concrete interlocking block firewall	3.0 / 0.6	8.2	4.4	2	36.08	0.75	54	27	<1 week
AREA 1B	Plasterboard skip	Free-standing / unprocessed	40-cubic yard container	N/A	6.1	2.44	2.62	14.884	0.5	19	10	<1 week (or sooner if skip full)
AREA 2	Wood bay (>150mm)	Free-standing / unprocessed	Concrete interlocking block firewall	3.0 / 0.6	8.2	4.4	2	36.08	0.75	54	27	<1 – 2 hours
AREA 3	Mixed plastic (>150mm)	Free-standing / unprocessed	Concrete interlocking block firewall	3.0 / 0.6	8.2	4.4	2	36.08	0.75	54	27	<2 weeks
AREA 4	Mixed waste (residual) bay & POPs	Free-standing / unprocessed	Concrete interlocking block firewall	3.0 / 0.6	8.2	4.4	2	36.08	0.75	54	18	<48 hours
AREA 5	Lights container - mixture of card, plastic, wood etc. (<150mm)	Free-standing / unprocessed	40-cubic yard container	N/A	6.1	2.44	2.62	14.884	0.5	19	6	<1 week (or sooner if skip full)
AREA 6	Tyre bay	Free-standing / unprocessed	Concrete interlocking block firewall	3.0 / 0.6	3.6	3.6	2	12.96	0.75	19	10	<1 week
AREA 7	Green waste	Free-standing / unprocessed	Concrete interlocking block firewall	3.0 / 0.6	3.6	3.6	2	12.96	0.75	19	10	<1 week
AREA 8	Hardcore/rubble for crushing	Free-standing	N/A	N/A	N/A	N/A	5	350	0.5	875	1050	<12 weeks
AREA 9	Road planings	Free-standing / unprocessed	Concrete interlocking block firewall	3.0 / 0.6	9	5.4	2	48.6	0.75	73	87	<12 weeks
AREA 10	Screened soils	Free-standing	N/A	N/A	N/A	N/A	5	150	0.333	250	300	<12 weeks
AREA 11	Inert fines (<75mm)	Free-standing / screened	N/A	N/A	N/A	N/A	5	150	0.333	250	300	<12 weeks
AREA 12	Topsoil	Free-standing / screened	N/A	N/A	N/A	N/A	5	175	0.333	291	350	<12 weeks

- 1.4.6 Prior to hiring out a skip to the customer, the operator will request confirmation of the contents to be placed in the skip 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 odorous wastes 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
<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
01 01 02	wastes from mineral non-metalliferous excavation
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
01 04 09	waste sand and clays
<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 03	plant-tissue waste
02 01 04	waste plastics (except packaging)
02 01 07	wastes from forestry
02 01 10	waste metal
02 02	wastes from the preparation and processing of meat, fish, and other foods of animal origin
02 02 02	shellfish shells from which the soft tissue or flesh has been removed only
<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
03 03	wastes from pulp, paper and cardboard production and processing
03 03 01	waste bark and wood
03 03 08	Wastes from sorting of paper and cardboard destined for recycling
<b>04</b>	<b>WASTES FROM THE LEATHER, FUR AND TEXTILE INDUSTRIES</b>
04 01	Wastes from the leather and fur industry

04 01 08	Waste tanned leather (blue sheetings, shavings, cuttings, buffing dust) containing chromium
04 01 09	Wastes from dressing and finishing
04 02	Wastes from the textile industry
04 02 21	Wastes from unprocessed textile fibres
04 02 22	Wastes from processed textile fibres
<b>10</b>	<b>WASTES FROM THERMAL PROCESSES</b>
10 01	wastes from power stations and other combustion plants
10 01 01	Bottom ash and slag only
10 01 02	Pulverised fuel ash only
10 01 05	Gypsum (solid) only
10 01 07	Gypsum (sludge) only
10 01 15	Bottom ash and slag only from co-incineration other than those mentioned in 10 01 14
10 11	wastes from the manufacture of glass and glass products
10 11 12	Clean glass other than those mentioned in 10 11 11
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)
10 13	wastes from manufacture of cement, lime and plaster and articles and products made from them
10 13 14	waste concrete only
<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
15 01 02	plastic packaging
15 01 03	wooden packaging
15 01 04	metallic packaging
15 01 05	composite packaging
15 01 06	mixed packaging
15 01 07	Clean glass packaging
15 01 09	textile packaging
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
<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 wastes from dismantling of end-of-life vehicles and vehicle maintenance (except 13,14, 16 06 and 16 08)
16 01 03	End-of-life tyres
<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

17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixture of concrete, bricks, tiles, and ceramics other than those mentioned in 17 01 06
17 02	wood, glass and plastic
17 02 01	wood
17 02 02	glass
17 02 03	plastic
17 03	bituminous mixtures, coal tar and tarred products
17 03 02	Road base and road planings (other than those containing coal tar) only
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
17 05 06	Dredging soil other than those mentioned in 15 05 05
17 05 08	track ballast other than those mentioned in 17 05 07
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
17 08	gypsum-based construction materials
17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
17 09	other construction and demolition wastes
17 09 04	mixed construction and demolition waste other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
<b>19</b>	<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 05	wastes from aerobic treatment of solid wastes
19 05 01	non-composted fraction of municipal and similar wastes
19 05 02	non-composted fraction of animal and vegetable waste
19 05 03	off-specification compost
19 08	Wastes from wastewater treatment plants not otherwise specified
19 08 02	Washed sewage grit (waste from desanding) free from sewage contamination only
19 08 99	Stone filter media if free from sewage contamination only
19 09	Wastes from the preparation of water intended for human consumption or water for industrial use
19 09 02	Sludges from water clarification
19 12	wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified
19 12 01	paper and cardboard
19 12 02	ferrous metal
19 12 03	non-ferrous metal
19 12 04	plastic and rubber

19 12 05	glass
19 12 07	wood other than that mentioned in 19 12 06
19 12 08	textiles
19 12 09	minerals (for example sands, stones)
19 12 12	Other wastes (including mixtures of materials comprising non-hazardous residual waste from waste management facilities mechanically treated EWC chapters 15, 17 and 20 coded non-hazardous household, commercial, industrial or municipal wastes other than those mentioned in 19 12 11)
19 12 12	Other wastes (residual waste not containing hazardous substances from waste management facilities mechanically treating 17 01 01, 17 01 02, 17 01 03, 17 01 07, 17 05 04, 17 09 04, and 20 02 02, only and other than those mentioned in 19 12 11)
19 13	wastes from soil and groundwater remediation
19 13 02	solid wastes from soil remediation other than those mentioned in 19 13 01
19 13 04	Sludges from soil remediation other than those mentioned in 19 13 13
<b>20</b>	<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
20 01 02	glass
20 01 10	clothes
20 01 11	textiles
20 01 36	discarded electrical and electronic equipment other than those mentioned in 20 01 21, 20 01 23 and 20 01 35
20 01 38	wood other than mentioned in 20 01 37
20 01 39	plastics
20 01 40	metals
20 01 41	wastes from chimney sweeping
20 02	garden and park wastes (including cemetery waste)
20 02 01	biodegradable waste
20 02 02	soil and stones
20 03	other municipal wastes
20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 03	street-cleaning residues
20 03 06	waste from sewage cleaning
20 03 07	bulky waste

## 1.5 Site Management

- 1.5.1 The Technically Competent Manager (TCM) is responsible for the general management of the site including the acceptance and handling of any potentially odorous wastes.

- 1.5.2 The Operator, 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 as 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**

<b>Odour Intensity</b>	<b>Criteria</b>
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**

<b>Sensitivity of Receptor</b>	<b>Criteria</b>
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. WES/2555/04. The nearest residential receptors are situated on Westfield Lane, approximately 105m west of the site.

## 2.5 List of receptors

- 2.5.1 The receptors listed from the SRP are also shown in the table below with approximate distances to these properties.

**Table 2.3 – Sensitive Receptors**

No.	Receptor	Receptor Type	Direction from Site	Approx distance from the site boundary to the receptor boundary (m)
1	Westfield Lane	Infrastructure	West	15
2	H. Ripley & Co Ltd	Industrial waste management services	East	70
3	Ripley Auto Spares	Commercial	Northeast	80
4	Maplehurst Wood	Site of Special Scientific Interest (SSSI)	South	100
5	Residential dwelling	Residential dwelling	West	105
6	Platinum Ground Works	Industrial	East	160
7	Hole Farm	Agricultural	Northeast	180
8	Juniper Country Park Homes	Recreational (holiday park)	Northwest	535
9	Freshfield Farm Shop	Commercial	North	790
10	Helenswood Sports Centre	Recreational	Southwest	850
11	Ark Alexandra Academy	School	Southwest	900
12	Whitegate Care Home	Residential Dwelling	North	945

- 2.5.2 Other receptors not shown in the above table are illustrated on Drawing No. WES/2555/04 Receptor Plan.

## 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

		<i>Sensitivity</i>		
		Low	Medium	High
<b>INTENSITY</b>	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 on the impermeable pad to undergo sorting and separation the same working day, the location of the tipping area is illustrated on Drawing No. WES/2555/03.
- 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 The residence time of wastes stored in the tipping areas mentioned above is less than 24 hours and all waste deposited in the tipping area is removed / processed before the end of each working day. The residence time is such that the risk of odour will be low.

#### **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 treatment of wastes on site which are stored in a dedicated holding skip (**AREA 5 & 4A**). Some of the finer organic materials are still likely to be present in the material, however, 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 for landfill 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 concreted area is separately sealed.
- 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 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 does not store these skips on site and they are directly tipped into the waste reception area.
- 3.3.4      Skips supplied to customers by the operator have drainage holes at the bottom to drain excess water from being held in the skip while stood at the customers property. This will reduce the amount of water when the skip is being tipped and minimise the risk of odour developing.

### **3.4      Plasterboard/gypsum**

- 3.4.1      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 arrives at the site already segregated from mixed wastes and is stored in a sealed skip (**AREA 1B**).
- 3.4.2      The plasterboard storage skip will remain covered at all times unless being loaded to reduce the risk of exposure to water and therefore minimising the risk of hydrogen sulphide developing.

### 3.5 Processing of waste

- 3.5.1 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.
- 3.5.2 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.

### 3.6 Background Odour Sources in the Area

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

**Table 3.1 - Other Odour Generating Operators**

<b>Company</b>	<b>Address</b>	<b>Type of Business</b>	<b>Approximate distance &amp; location from site boundary (m)</b>
Hole Farm	Hole Farm, Westfield, Hastings, TN35 4SA	Working Farm	Easte

- 3.6.2 There are also several industry and commercial premises situated on the surrounding industrial estate which will all have wheelie bins and/or skips stored externally which could generate a smell if not emptied regularly. There are also numerous agricultural fields in the vicinity which may release odour due to certain fertilisers being used.
- 3.6.3 Odour release could also be the result of abnormal weather conditions, machinery breakdowns and human error.
- 3.6.4 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      Rigorous control of wastes accepted for collection to the site is required. Wastes are thoroughly inspected upon collection from a customer site.
- 4.1.2      The driver collecting the skip will be trained to identify any odorous loads in the skip. If the waste is deemed acceptable following an initial assessment, the driver will load the skip onto the wagon.
- 4.1.3      If any odorous wastes are discovered, the driver would report back to site management who would contact the customer to declare the contents inside the skip. Site management would then decide whether or not to accept the skip. This should prevent any odorous wastes being accepted at the 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)    Vehicle Registration and drivers name and signature.
  - b)    Waste haulier name and valid waste carriers' registration number.
  - c)    Name address (of source site) and signature of transferor.
  - d)    Name, address (of destination site) and signature of the person receiving the waste (transferee).
  - e)    Permit number or exemption reference of person receiving the waste (if applicable).
  - f)    Description of waste including waste type, waste source, waste containment and waste quantity.
  - g)    List of Waste (LoW) code.
  - h)    SIC code of the waste holder.

- 4.2.2 All loads arriving on site undergo a secondary visual inspection prior to tipping, if it is discovered the load contains a significant amount of odour the load will be rejected from the site.
- 4.2.3 If small levels of contamination are noted, the waste would still be tipped, and the small amount of odorous material would be handpicked and placed in a quarantine skip. Waste is stored in the quarantine area for a maximum of five working days.
- 4.2.4 In terms of plasterboard, the operator only intends this waste as source separated material. If a skip is tipped with contrary items of plasterboard present, it will be subject to a more rigorous sort to pick out further items. The operator would inform the customer of a potential penalty charge to prevent a reoccurrence.

## **4.3 Site Operations**

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

## **4.4 Receiving Wastes**

- 4.4.1 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.

4.4.2 **Age of wastes** - Eco Skip Waste & Recycling Ltd hire out skips to customers for a maximum of two weeks meaning that the waste received is unlikely to generate significant odorous emissions. If unauthorised waste is discovered by trained staff following tipping, then actions shown in sections 6.1 and 6.2 will be followed.

4.4.3 All deliveries of mixed waste or directed to the relevant tipping area where they will be tipped immediately to prevent over storing therefore receiving wastes will not present an odour nuisance due to their storage duration.

4.4.4 Incoming mixed waste will then be processed sorted and processed on arrival and the site will never store more than the what the plant can process. The waste is immediately sorted to ensure that any malodorous (or potentially malodorous) wastes contained within the incoming mixed waste can be sorted and disposed of in sealed rejected waste containers. This waste would be black bin bag waste or putrescible waste left inside a skip which would not generate a lot of recyclable material.

## 4.5 **Storage of Wastes**

4.5.1 Table 4.1 below highlights the wastes accepted / stored on site with the highest potential to produce odour and the mitigation measures implemented.

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

WASTE RECEPTION AND SORTING AREA	<ul style="list-style-type: none"> <li>Waste is tipped here upon arrival to the site.</li> <li>Any waste identified after tipping which has the potential to cause odours i.e. a black bin bag, food waste, green waste, packaging with residues will be removed from the pile and stored the quarantine area. Waste in the quarantine area will be stored for a maximum of five working days but typically will be removed within 48 hours.</li> <li>Waste in this area will be cleared by the end of every working day.</li> <li>The site will not tip any further skips 1 hour prior to shutdown ensuring the area is clear out-of-hours.</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> </ul>
AREAS 2-5  SORTED & PROCESSED WOOD, PLASTIC & OTHER WASTES	<ul style="list-style-type: none"> <li>These bays / skips will be for holding the specified materials until the bay reaches capacity, usually &lt;48 hours (based on experience), but a maximum of 1-2 weeks has been provided (depending on waste type) in the event of any extenuating circumstances i.e. breakdowns, transport failures. If the wastes exceed a period of 48 hours, the site will increase monitoring to three times a day every 12 hours.</li> <li>Due to the strict waste acceptance procedures, it is considered the waste in these piles will present a very low risk of odour as they comprise only sorted wastes.</li> </ul>
AREA 4B  PLASTERBOARD SKIP	<ul style="list-style-type: none"> <li>This area comprises plasterboard which has been sorted from the waste reception areas or arriving at the site pre-segregated.</li> <li>The plasterboard will be stored inside a covered three-sided concrete storage bay.</li> <li>There is access to the front of the pile meaning the waste is available and moveable by plant.</li> <li>The plasterboard is covered meaning it should not become wet and degrade.</li> <li>The same procedures apply as the above.</li> </ul>

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

- 4.6.1 In all cases, the drop heights of mixed waste will be kept to a minimum. 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.

## **4.7 Housekeeping**

- 4.7.1 Regular cleaning of operational areas (i.e. minimum once daily) will be carried out using mobile plant and water supplies to discourage odour generation from residual wastes. Other than the use of a road sweeper which may be used to remove finer particles, all mobile plant is available to the site. Additional plant can be sourced instantaneously from the surrounding industrial estate. The odorous materials will then be placed in a sealed

rejected waste skip. This skip will be 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.

4.7.2 In addition to daily visual monitoring of the site; site management will monitor the integrity of the impermeable pad. In the event that there are any issues such as cracks in the pad causing waste to become trapped and odour developing, maintenance works will be carried out within 48 hours.

4.7.3 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.

- a) Avoid fugitive odorous emissions through good housekeeping.
- b) Maintain a clean, well-organised site.
- c) Jet spray and disinfect storage bays once per week.
- d) Clean equipment that has been in contact with odorous materials.
- e) Carry out a deep clean of the reception / processing building and storage bays once a quarter and record this in the site diary.
- f) Concrete floors draining appropriately, and slopes / catchments pits are functioning.
- g) Floors are sealed to prevent absorption and adsorption of odour producing residues.
- h) 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.
- i) Periodically treat drainage systems with bacteria-inhibiting solution

## 4.8 Site Infrastructure

4.8.1 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 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 with the potential to cause odour will not be stored for longer than usually 48 hours and 5 days only in extenuating circumstances ensuring that wastes are not left to stagnate.

## 4.9 Liaison with Neighbours

4.9.1 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 this person is on leave, the local area team.

4.9.2 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.

4.9.3 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.

- 4.9.4 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.

## **4.10 Training**

- 4.10.1 All employees of Eco Skip Waste & Recycling Ltd 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 manager will be responsible for delivering the training to employees within the company.
- 4.10.2 Training will be given to employees of Eco Skip Waste & Recycling Ltd by site management i.e. director/TCM/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.
- 4.10.3 A full test (drill) of the procedures in this document will be carried out every 12 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 be 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

- i) The waste reception and sorting area being at capacity resulting in skips not being tipped and stored for longer than necessary.
- ii) The storage bays being full or no 1.0m freeboard being present.
- iii) 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.
- iv) Standing surface water caused by either a blockage in the drainage system or arising from a heavy rainfall event.
- v) High winds i.e. >35mph in the direction to the nearest residential receptors
- vi) 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.
- vii) Transport failures leading to excessive storage of waste and for longer than necessary.
- viii) Drought/warm periods which causes the waste to stagnate and produce odour.

5.1.2 **On-site** –It is considered at least one staff member 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 Eco Skip Waste & Recycling Ltd 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 Odour Monitoring**

5.2.1 Sniff testing will be carried out weekly or as necessary (i.e., increased regularity should the management have reason to suspect odorous emissions from the site). Sniff testing will be carried out both routinely, to ensure odour is under control, and in response to specific complaints.

5.2.2 Continuous monitoring will be undertaken by site operatives while undertaking their regular duties on site. This continuous monitoring is not recorded unless in the event of an odour emission being detected.

5.2.3 It is not considered necessary to have fixed odour monitoring points due to infrequent weather conditions. Monitoring will be completed with due regard of meteorological conditions on the day, forecasted conditions, potential odour sources and the location of sensitive receptors. Extreme weather conditions (high winds, increased temperatures etc) may affect potential odour pathways and increase odour emissions. Therefore, weather conditions will also be recorded as part of the monitoring.

5.2.4 The results of monitoring exercises and any remedial action taken will be entered into the site diary 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.

5.2.5 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.

- 5.2.6 Should odour controls fail, the site manager may make the decision to cease the acceptance of further wastes until the odorous material is taken off site for disposal at a suitably permitted facility.
- 5.2.7 Should the failure be identified due to a procedure failure, the OMP will be reviewed and updated to account for any necessary changes.

### **5.3 Monitoring Procedure**

- 5.3.1 To prevent odour adoption (or odour 'fatigue'), a suitably trained member of staff will undertake monitoring at the beginning of the working day. Monitoring will be carried out immediately upon arrival to the site at locations dependent on the climatic conditions and receptor locations.
- 5.3.2 The assessor will ensure they do 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 If multiple monitoring is required to be undertaken within the middle of the working day. Prior to carrying out the 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.
- 5.3.4 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:

- i)      Site operations; or,
- ii)     An off-site source (e.g. agricultural spreading operation)

b)      If on site:

- i)      Report incidence to the site or technically competent manager;
- ii)     Identify the point of release of the odour;
- iii)    Identify the cause if the release i.e. machine breakdown, leakage, etc.;
- iv)    Identify a solution;
- v)     Implement a solution;
- vi)    Carry out olfactory tests to check if fix is working;
- vii)   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:

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

- a) Stockpiles containing any odorous waste may be covered with tarpaulin in the event ongoing procedures are not considered effective.
- b) Contact an additional haulier to help remove the waste on site.
- c) Suspend any further waste deliveries to the site.
- d) Contact the EA to agree a suitable course of action
- e) 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.

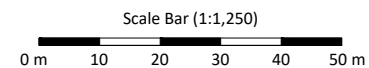
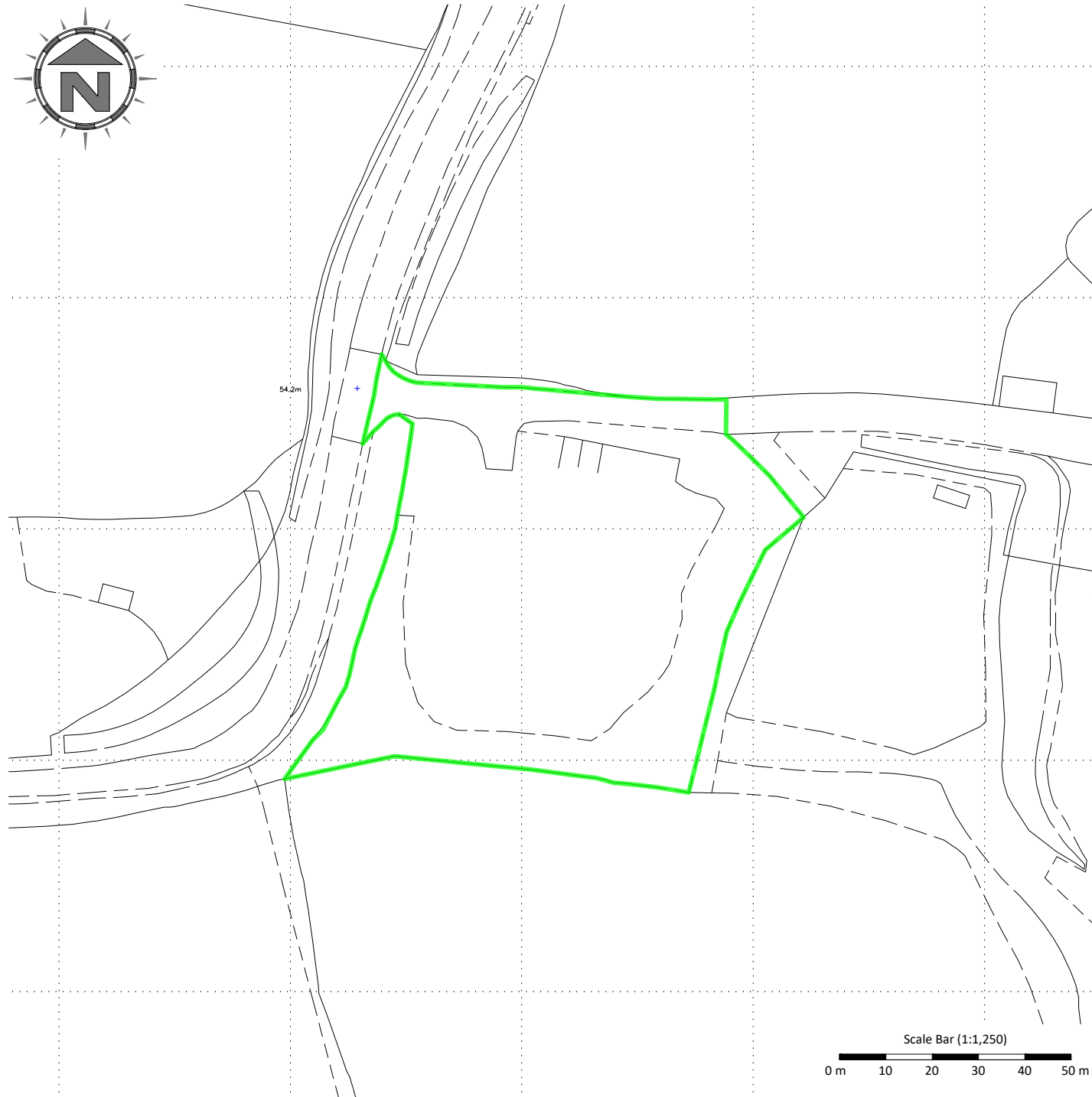
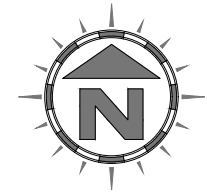
## **6.5 Operational failure**

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 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.

# Appendix I

## Drawings



#### NOTES

Drawing for indication only. Reproduced with the permission of the controller of H.M.S.O. Crown copyright licence No. 100022432. This drawing is copyright and property of Oaktree Environmental Ltd.

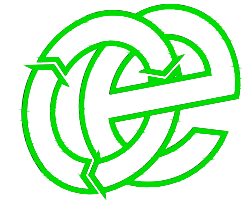
#### REVISION HISTORY

Rev:	Date:	Init:	Description:
-	28.11.23	JH	Initial drawing

#### KEY:

— Permit boundary

**Oaktree Environmental Ltd**  
Waste, Planning and Environmental Consultants



**DRAWING TITLE**  
PERMIT BOUNDARY PLAN

**CLIENT**  
Eco Skip Waste & Recycling Ltd

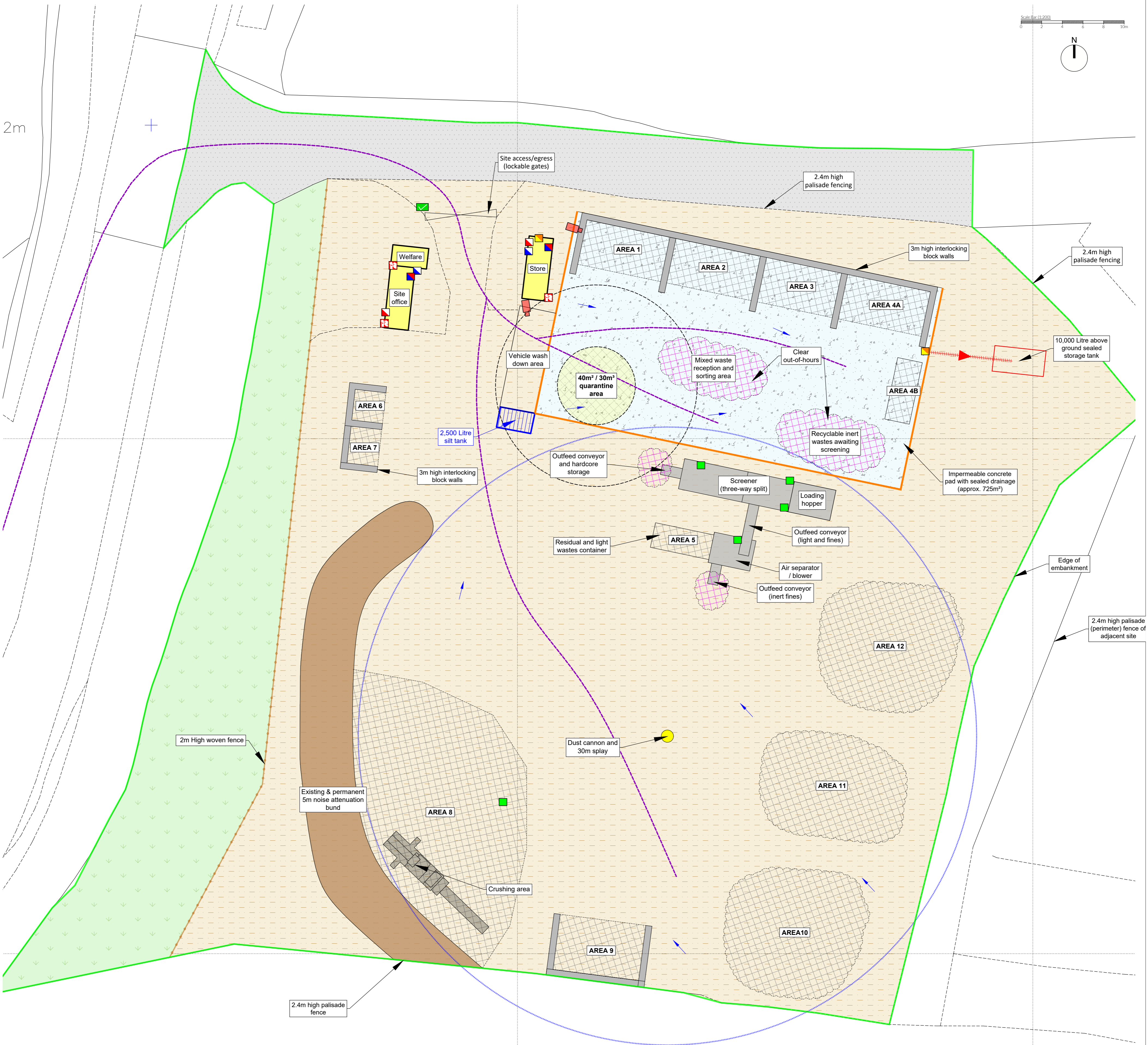
**PROJECT/SITE**  
Westfield Lane, Westfield TN35 4SA

<b>SCALE @ A4</b> 1:1,250	<b>CLIENT NO</b> 2555	<b>JOB NO</b> 005
------------------------------	--------------------------	----------------------

<b>DRAWING NUMBER</b> WES-2555-02	<b>REV</b> -	<b>STATUS</b> Issued
--------------------------------------	-----------------	-------------------------

<b>DRAWN BY</b> JH	<b>CHECKED</b> RS	<b>DATE</b> 28.11.23
-----------------------	----------------------	-------------------------

Lime House, Road Two, Winsford, Cheshire, CW7 3QZ  
t: 01606 558833 | e: sales@oaktree-environmental.co.uk

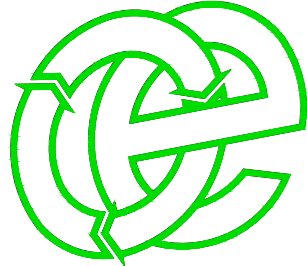


- Key:**
- Permit boundary
  - Waste storage areas
  - Non-waste storage areas
  - Temporary waste storage areas (clear prior to shutdown)
  - Quarantine area
  - Impermeable concrete surface
  - Tarmac surfaces
  - Freely draining (hardstanding surface)
  - Vegetated areas
  - Buildings (offices, etc.)
  - Contaminated water pipe
  - Mains water point
  - Spill kit & containment kits
  - Fire water containment equipment
  - Fire fighting equipment (extinguishers, etc.)
  - Access routes for emergency vehicles
  - Fire alarms including break glass and horns
  - Surface water fall direction
  - 0.1m high kerb seal around concrete pad
  - Dust cannon location
  - Plant /electrics shut off
  - Fire assembly point
  - 0.6m thick concrete interlocking block fire wall
  - Fire hydrant
  - Pan tilt and zoom cameras with 50m coverage
  - Earth bund

Waste Storage Area Details - PILE SIZES BASED ON AREA OF STOCKPILE ON SITE PLAN NOT LENGTH X WIDTH														
Plan Ref	Description	Storage type	Containment	Height / width of firewall (m)	Max Width (m)	Max Length (m)	Height (m)	Max area (m2)	Conversion factor used	Volume (m3)	Tonnage (approx.)	Maximum storage durations	Comments	
AREA 1	Scrap metal bay	Free-standing / unprocessed	Concrete interlocking block firewall	3.0 / 0.6	8.2	4.4	2	36.08	0.75	54	27	<1 week	Removed sooner if full	
AREA 2	Wood bay (>150mm)	Free-standing / unprocessed	Concrete interlocking block firewall	3.0 / 0.6	8.2	4.4	2	36.08	0.75	54	27	<2 weeks	Removed sooner if full	
AREA 3	Mixed plastic (>150mm)	Free-standing / unprocessed	Concrete interlocking block firewall	3.0 / 0.6	8.2	4.4	2	36.08	0.75	54	27	<2 weeks	Removed sooner if full	
AREA 4A	Mixed waste (residual) bay & POPs	Free-standing / unprocessed	Concrete interlocking block firewall	3.0 / 0.5	8.2	4.4	2	36.08	-0.25	-18	-6	<48 hours	Based on Sat - Mon	
AREA 4B	Plasterboard skip	Free-standing / unprocessed	40-cubic yard container	N/A	6.1	2.44	2.62	14.884	0.5	19	10	<1 week (or sooner if skip)	Removed sooner if full	
AREA 5	Lights container - mixture of card, plastic, wood etc... (<150mm)	Free-standing / unprocessed	40-cubic yard container	N/A	6.1	2.44	2.62	14.884	0.5	19	6	<1 week (or sooner if skip)	Removed sooner if full	
AREA 6	Tyre bay	Free-standing / unprocessed	Concrete interlocking block firewall	3.0 / 0.6	3.6	3.6	2	12.96	0.75	19	10	<1 week	Removed sooner if full	
AREA 7	Green waste	Free-standing / unprocessed	Concrete interlocking block firewall	3.0 / 0.6	3.6	3.6	2	12.96	0.75	19	10	<1 week	Removed sooner if full	
AREA 8	Hardcore/rubble for crushing	Free-standing	N/A	N/A	N/A	N/A	5	350	0.5	875	1050	<12 weeks	Pile is not combustible	
AREA 9	Road planings	Free-standing / unprocessed	Concrete interlocking block firewall	3.0 / 0.6	9	5.4	2	48.6	0.75	73	87	<12 weeks	Pile is not combustible	
AREA 10	Screened soils	Free-standing	N/A	N/A	N/A	N/A	5	150	0.333	250	300	<12 weeks	Pile is not combustible	
AREA 11	Inert fines (<75mm)	Free-standing / screened	N/A	N/A	N/A	N/A	5	150	0.333	250	300	<12 weeks	Pile is not combustible	
AREA 12	Topsoil	Free-standing / screened	N/A	N/A	N/A	N/A	5	175	0.333	291	350	<12 weeks	Pile is not combustible	



Oaktree Environmental Ltd  
Waste, Planning and Environmental Consultants



Lime House, Road Two, Winsford, Cheshire, CW7 3QZ  
t: 01606 558833 | e: sales@oaktree-environmental.co.uk

DRAWING TITLE  
SITE LAYOUT & FIRE PLAN

CLIENT  
Eco Skip Waste & Recycling Ltd

PROJECT/SITE  
Westfield Lane, Westfield TN35 4SA

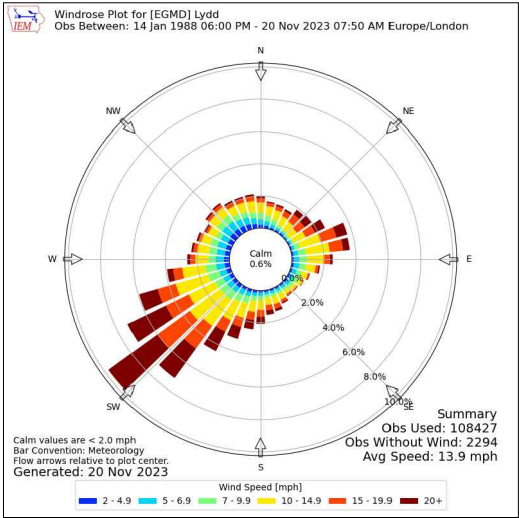
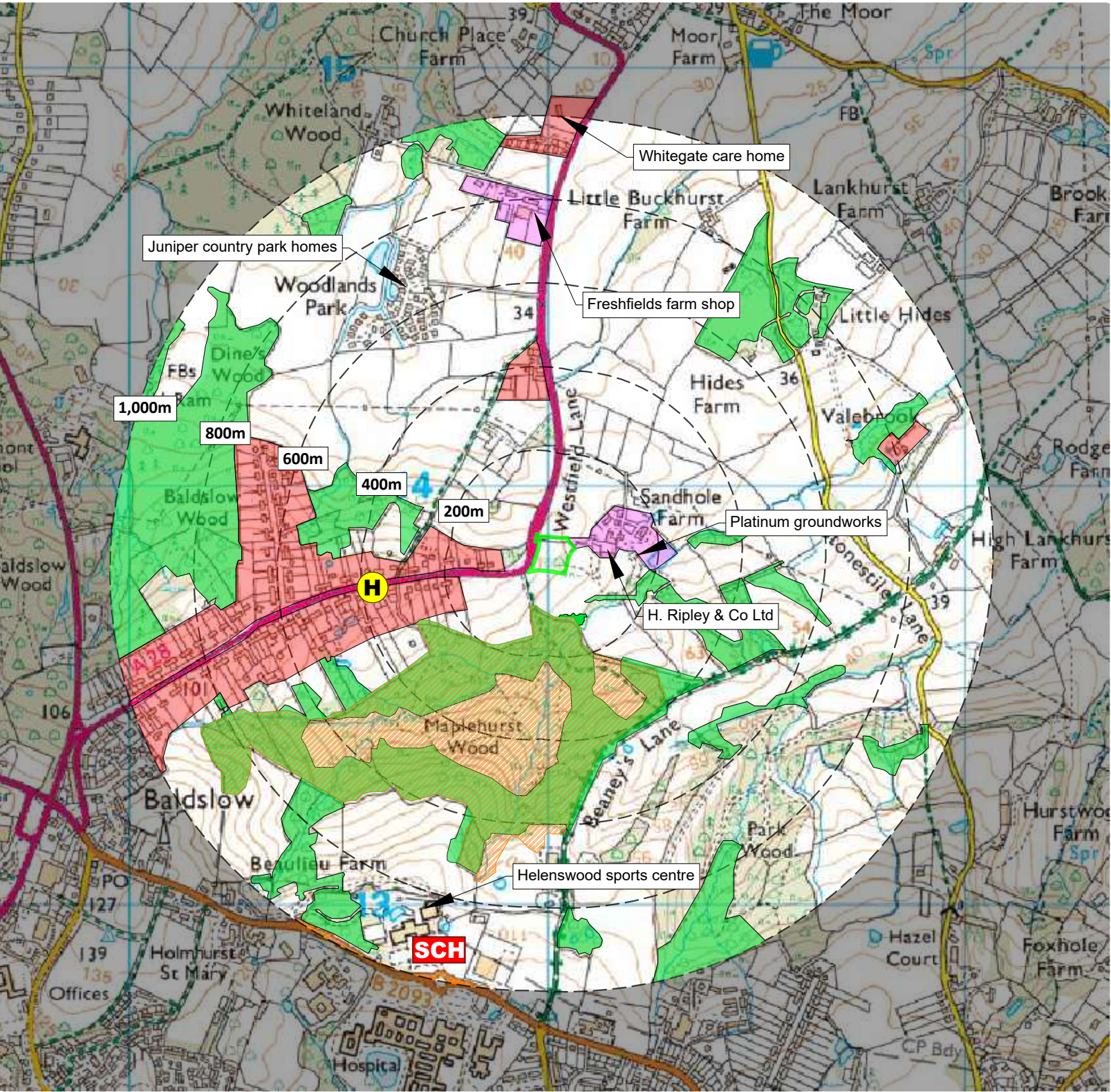
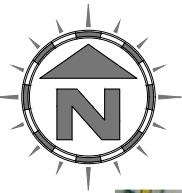
SCALE @ A1 1:200	CLIENT NO 2555	JOB NO 005
DRAWING NUMBER WES/2555/03	REV -	STATUS Issued
DRAWN BY CP	CHECKED --	DATE 29.05.24

NOTES  
Drawing for indication only. Reproduced with the permission of the controller of H.M.S.O. Crown copyright licence No. 100022432. This drawing is copyright and property of Oaktree Environmental Ltd.

REVISION HISTORY			
Rev:	Date:	Init:	Description:
-	29.05.24	CP	Initial drawing

KEY:

- Permit boundary
- Surface water body (river / stream / pond / pool / lake)
- Workplaces (includes agriculture industry, commerce and retail)
- Areas with mix of residential, retail and commercial properties
- Residential blocks
- Class A, B, C roads
- Nearest fire hydrant
- Railway line
- SCH School
- Woodland areas
- Protected sites (Sites of special scientific interest)
- Priority habitat inventory (deciduous woodland)



Compass Wind Rose for (EGMD) Lydd Period 1988-2023  
- source: Iowa State University

Scale Bar (1:12,500)

0 km 500 m 1 km

NOTES

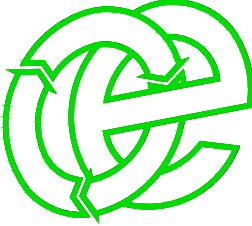
- Boundaries are shown indicatively.
- Wind rose data shows the prevailing wind direction to be Southerly.

Drawing for indication only. Reproduced with the permission of the controller of H.M.S.O. Crown copyright licence No. 100022432. This drawing is copyright and property of Oaktree Environmental Ltd.

REVISION HISTORY

Rev:	Date:	Init:	Description:
-	28.11.23	JH	Initial drawing

Oaktree Environmental Ltd  
Waste, Planning and Environmental Consultants



DRAWING TITLE  
RECEPTOR PLAN

CLIENT  
Eco Skip Waste & Recycling Ltd

PROJECT/SITE  
Westfield Lane, Westfield TN35 4SA

SCALE @ A3 1:12,500	CLIENT NO 2555	JOB NO 005
------------------------	-------------------	---------------

DRAWING NUMBER WES-2555-04	REV -	STATUS Issued
-------------------------------	----------	------------------

DRAWN BY JH	CHECKED RS	DATE 28.11.23
----------------	---------------	------------------

Lime House, Road Two, Winsford, Cheshire, CW7 3QZ  
t: 01606 558833 | e: sales@oaktree-environmental.co.uk

# **Appendix II**

## **Record Forms**

Odour Diary			Sheet No	
Name:		Address:		
Telephone Number:				
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? 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)

**ECO SKIP WASTE & RECYCLING LTD**  
**COMPLAINTS REPORT FORM**

<b>Date Recorded:</b>	<b>Reference Number:</b>
Name and address of caller	
Telephone number of caller	
Time and Date of call	
Nature of complaint (noise, odour, dust, other) (date, time, duration)	
Weather at the time of complaint (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	
<b>Follow Up</b>	
Actions taken	
Date of call back to complainant	
Summary of call back conversation	
<b>Recommendations</b>	
Change in procedures	
Changes to Environmental Management System (EMS)	
Date changes implemented	
<b>Form completed by</b>	
<b>Signed</b>	
<b>Date completed</b>	

## **COMPLAINT RECORDING PROCEDURE:**

Any complaints received will be recorded on form WES/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.