

KIBWORTH RECYCLING AND  
HOUSEHOLD WASTE SITE


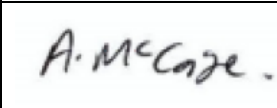

PEST MANAGEMENT PLAN

LEICESTERSHIRE COUNTY COUNCIL

JULY 2021



<b>SUMMARY TABLE</b>	
<b>SITE:</b>	Kibworth Recycling and Household Waste Site – Pest Management Plan
<b>SITE ADDRESS:</b>	Harborough Road, Kibworth, Leicestershire, LE8 0EX
<b>CLIENT:</b>	Leicestershire County Council
<b>DATE:</b>	July 2021
<b>REFERENCE</b>	IV.342.19
<b>DEVELOPMENT PROPOSAL:</b>	Operation of a Recycling and Household Waste Facility

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Date:	July 2021	
Version:	2.0	



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Permit Boundary and Site Layout  
List of Permitted Waste  
Complaints Procedure  
Site Condition Log

**1.0 REVIEW****1.1 Document Review Procedures**

This Pest Management Plan is to be reviewed every year or when required by a change in operations, breach of permit, or substantial pest occurrences.

**Table 1: Document Review**

Date of Review	Comments	Name and Signature of Reviewer	Date of Next Review
July 2021	Plan Prepared		July 2022

## **2.0 Introduction**

### **2.1 Report Context**

This document has been prepared by Ivy House Environmental Limited (Ivy) on behalf of the Applicant, Leicestershire County Council (LCC) as part of the management for the proposed Kibworth Recycling and Household Waste Site at Harborough Road.

This report assesses the risk of pests at the facility and provides details of the pest management procedures that will be in place to control and prevent any occurrences at the facility and has been prepared in accordance with Environment Agency draft guidance document 'Non-hazardous and inert waste: appropriate measures for permitted facilities, dated July 2020. The purpose of this is to ensure that the risk of pest impacts on potentially nearby receptors is minimised.

This document forms part of the site's Environmental Management System (EMS) and will be reviewed on an annual basis and in the event of any incidents.

### 3.0 SITE OPERATIONS

Kibworth Recycling and Household Waste Site will be located approximately 1km south of Kibworth and 15.3 km northeast of the city of Leicester. The site will be situated within agricultural land with the A6 to the south of the site and a railway to the north of the site. The site will be centred at approximate National Grid Reference (NGR) SP 69822 93236.

The site location and the environmental permit boundary is provided on Drawing Number M00460-MAB-00-ZZ-DR-A-1100-S4-P02.

Access for staff and visitors to the site will be achieved via Harborough Road (A6), which is located to the south of the site. The nearest residential dwelling is located approximately 670m northwest of the site on Harborough Road.

The site is to be a Recycling & Household Waste Site with additional wastes being accepted from commercial contracts. The site will consist of two areas, a Recycling & Household Waste Site area (RHWS) where members of the public will be able to drop off unwanted items and waste items, and a Bulking Area where wastes received via HGV's will be bulked for onwards transport.

The main Recycling & Household Waste Site yard boasts a number of Roll on Roll off (RoRo) containers which will store separate waste streams (metals, plastics, bottles, paper, hard core, plaster board, green wastes, wood wastes, cement bonded asbestos etc), as well as a canopied area for WEEE wastes (televisions, fridges, computers etc) and a separate area for liquid wastes which will be contained in appropriate tanks that are double skinned (oil's, fats, paints etc). In addition, batteries and fluorescent tubes will also be stored within the WEEE area in appropriate containers.

The public will be greeted upon arrival where they will be questioned about what waste they are wanting to deposit and will be directed to the relevant drop off point within the Recycling & Household Waste Site.

The waste brought to the site by HGV vehicles will be separate to that brought to the site via public vehicles. HGV vehicles will be directed to the Bulking Area where they will unload the waste for inspection before moving it into the relevant bay (the bulking area is located to the west of the site as per Site Layout Plan, Drawing Number M00460-MAB-00-ZZ-DR-A-1101-S4-P02). The Bulking Area will have covered/canopied storage bays to the west which will contain green wastes, wood wastes and other 'residual waste'.

In addition, the site will have designated storage areas for hazardous and non-hazardous wastes, oils, fats and paints to ensure that hazardous wastes do not mix with non-hazardous wastes.

The site will be fully bunded with sealed drainage. The site will contain any quarantined waste in containers/separate area within the Bulking Area which will be covered with tarpaulin if required (this will ensure that quarantined wastes do not contaminate those which have been deemed suitable for acceptance on the site) as well as a fire quarantine area.

### 3.1 Operating Hours

The facility is designed to be operational between the following hours:

- 06:00 – 20:00

The facility will operate seven day per week, including public holidays, with the exclusion of Christmas Day, Boxing Day and New Year's Day.

As detailed in the Environment Permit Application, Leicestershire County Council will undertake the following Disposal and Recovery operations, provided for in Annex II to Directive 2008/98/EC of The Council of 19<sup>th</sup> November.

**Table 2: Recovery and Disposal Activities**

R/D Code	Activity
R13	Storage of waste pending any of the operations numbered R1 to R12 (excluding temporary storage, pending collection, on the site where it is produced)
D15	Storage pending any of the operations numbered D1 to D14 (excluding temporary storage, pending collection, on the site where it is produced;
D14	Repackaging prior to submission to any of the operations numbered D1 to D13;
D9	Physico-chemical treatment not specified elsewhere in Annex II which results in final compounds or mixtures which are discarded by means of any of the operations numbered D1 to D8 and D10 to D12;
R3	Recycling/Reclamation of organic substances which are not used as solvents
R4	Recycling/Reclamation of metals and metal compounds
R5	Recycling/Reclamation of other inorganic materials.

The site will ensure that there is no more than 50 tonnes of hazardous wastes onsite at any one time.

### 3.2 Permitted Waste Types

Waste types to be accepted into the facility are set out in Appendix B of this document.

### 3.3 Waste Acceptance Procedures

The site will comply with the waste acceptance procedures outlined in the Operating Techniques. Below is the summary of the acceptance procedures for the Recycling & Household Waste Site area and Bulking Area.

#### Recycling & Household Waste Site area

When arriving at the site members of the public will be greeted by meet and greet person who will enquire about the type and amount of waste brought to site. They will verify the type of the waste and confirm that the waste is allowed to be accepted at the site and will check for any visible dust. They will then direct the person to the relevant skip/area. If the meet and greet person identifies the householder brought non-conforming wastes to the site, they will inform the person that this waste cannot be accepted at the site and needs to be taken to an alternative facility.

#### Bulking Area

With regards to the bulking area, every vehicle which transfers waste material which arrives on site, must have a Waste Carriers Licence if required by legislation (with regards to public drop off of wastes, wastes will be checked by the site greeters and vehicles will be directed to the relevant skip). Checks will be made to ensure that waste carriers are properly licensed. This information can be checked by the following methods:

- By phoning the Environment Agency on 08708 506 506 and requesting an instant Waste Carrier Validation Check; or
- Checking online on the Environment Agency's waste carrier register on their website.

Wastes will be characterised, as required under the Duty of Care Regulations, prior to acceptance of the delivery. Non-conforming wastes will be rejected. Records of the waste characteristics and origin of the waste will be kept in accordance with Duty of Care requirements.

The following steps will be followed to ensure that waste accepted on site is done so correctly:

1. On arrival to the bulking area, vehicles will supply the with the relevant paperwork for initial checks. Any discrepancies will be resolved before the waste is accepted on site. The load will be checked at this point.
2. Checks on storage capacity will take place to ensure that suitable space is available for incoming wastes.
3. The vehicle will be directed by the relevant Operative to the waste reception area.



4. A visual load inspection will take place, before the waste is unloaded, by a technically competent site Operative or other designated person, to ensure consistency with the waste delivery/acceptance/rejection note. If this is not possible, the waste will be inspected immediately after offloading in the waste reception area.
5. The waste will be unloaded or tipped in the appropriate area, and then the vehicle will leave the site.

### **3.4 Unauthorised and Rejected Wastes**

Leicestershire County Council will have a clear and unambiguous criterion for the rejection of wastes, together with a written procedure for tracking and reporting such non-conformance. This will include notification to the customer/waste producer. Written/computerised records will form part of the waste tracking system information.

LCC will also have a clear and unambiguous criterion for the subsequent storage and disposal of such rejected wastes. This policy will achieve the following:

- identifies the hazards posed by the rejected wastes;
- labels rejected wastes with all information necessary to allow proper storage and segregation arrangements to be put in place; and
- segregates and stores rejected wastes safely pending removal.

In the event that unauthorised wastes are delivered to the site, the material will be loaded back onto the vehicle that discharged it, if it is possible and safe to do so. If this is not possible, then the material will be quarantined within a designated area and removed from the site as soon as practicable.

### **3.5 Technical Competence**

The site will be supervised by designated technically competent managers who hold the appropriate certificate of technical competence issued by the Waste Management Industry Training and Advisory Board.

### **3.6 Environmental Management System**

LCC will operate their own management system which will ensure that:

- the risks that pests pose to the environment are identified;
- the measures that are required to minimise pest risks are identified;
- the activities are managed in accordance with the pest management system;
- performance against the pest management system is audited at regular intervals; and

- they are in compliance with the environmental permit.

The pest management system will be reviewed at least once a year or in response to significant changes to the activities, accidents or non-compliance.

### **3.7 Pest Records**

LCC will keep records of a number of performance indicators and environmental indicators on site. Records will be legible and easily retrievable on request (either in hard copy or electronically). Records will be kept in line with the conditions of the Environmental Permit issued for the site. For example, the following records will be kept:

- records of potentially polluting events will be kept at the facility during the life of the permit;
- waste inputs to all processes will be recorded 'en masse'; and
- Storage locations and amounts of materials.

The above list is not exhaustive. Records will be kept to satisfy the requirements of the Environmental Permit and all other relevant statutory legislation.

### **3.8 Incidents and Non-Conformance**

LCC has in place procedures to account for the potential for incidents and non-conformances which may affect the environmental performance of the facility. The procedures as set out below show how any abnormal operation including malfunction, breakdown or failure of plant, equipment or techniques will be dealt with to ensure that normal operation of the facility is regained promptly.

As a minimum, procedures will:

- detect abnormal operation and investigate the causes;
- assess the information and decide on the appropriate course of action;
- retain normal operation in the short term; and
- prevent against the reoccurrence of the problem in the long term.

As will be detailed further in LCC EMS, the procedures will ensure that non-conformances are reported, investigated and rectified, and that failures and weaknesses are prevented.

LCC's EMS will provide a means for the management system and the environmental performance of the facility to be evaluated. This will be accomplished through regular work

place inspections and will include, where appropriate, the identification of areas where improvements are required. The regular review of the EMS and its procedures will form an essential role in ensuring that the systems and procedure remain appropriate to the site activities and legal requirements (including compliance with the Environmental Permit) throughout the life time of the facility.

To assist in the reporting of incidences, LCC will display a notice at or near the site entrance with the following information clearly visible:

- Company name;
- Permit number;
- Emergency contact name and the permit holder's (i.e. Leicestershire County Council) telephone number;
- A statement that the site is permitted by the Environment Agency; and
- Environment Agency national number (08708 506 506) and incident hotline number (0800 807060).

### **3.9 Complaints Procedure and Daily Log**

LCC has in place procedures for any complaints received from the operation of site activities. The Complaints Procedure can be found in Appendix B.

LCC will maintain a conditions log which will note any abnormal weather conditions, any incidences at the site such as pests, dust, noise, odour, spills or discharges or any malfunction with regards to machinery. Paperwork will be kept so that there is a record of vehicles which have brought waste onto site or removed it from site so that vehicles can be traced and identified if complaints are received.

The daily log shall also record all housekeeping activities. The daily record sheet can be found in Appendix D of this document.

### **3.10 Accident Management**

#### **Site Surfaces**

The site will comprise concrete hardstanding which will be maintained to prevent the pooling of surface water and prevent the attraction of pests through stagnant water.

#### **Leaks and Spillage**

In the event of any potentially polluting leak or spillage occurring on site which could attract pests, the following actions will be taken.

1. Minor spillages will be cleaned up immediately, using sand or a proprietary absorbent. The resultant materials will be placed in a container for off-site disposal to a suitable facility as appropriate.
2. In the event of a major spillage, which is causing or is likely to cause polluting emissions to the environment that may attract pests, immediate action will be taken to contain the spillage and prevent liquid from entering surface water drains and un-surfaced ground. The spillage will be cleared immediately and placed in containers for off-site disposal and the area where the spillage occurred will undergo a thorough cleaning. Records of spillages and incidents will be kept on site together with a summary of the remedial action taken.

### **3.11 Maintenance Procedures**

A planned preventative maintenance programme (PPM) will be put in place to minimise the risk to safety, health and the environment by ensuring that all appropriate items and elements within the site are serviced and inspected on a regular basis.

Details of faults, breakdowns and repairs are documented and records are maintained at the site office. Faults and breakdowns will be investigated and the service schedule revised if necessary.

## 4.0 PEST MANAGEMENT

### 4.1 Receptors

Sensitive receptors within 1,000m of the facility have been identified in Table 3 below. As the Dust Management Plan looks at the 'worst case' scenario, any receptors at a distance greater than 1 km have not been assessed unless they have the potential to be impacted.

**Table 3: Relevant Receptors within 1,000m**

ID on the Receptor Plan	Receptor	Direction from Operational Area	Minimum Distance from proposed permit boundary (m)
<b>Designated ecological habitats e.g. Ramsars, SAC, SPA, SSSI</b>			
-	-		
<b>Other Designations e.g. National Parks, ANOB, World Heritage Sites</b>			
-	-		
<b>Historic buildings / listed buildings / archaeological sites</b>			
-	-		
<b>Domestic Dwellings</b>			
1	Marriot Drive	NW	722m
2	Milestone Close	NW	827m
3	Braymish Close	NW	815m
4	Harborough Road	NW	750m
5	New Road	NW	911m
6	Fairway	NW	960m
7	Birdie Close	NW	915m
8	Wentworth Close	W	950m
<b>Schools, Shops, Commercial and Industrial</b>			
9	Kibworth Golf Club	SW	443m
10	Beech Tree Bunnies	SSE	768m
11	Unnamed Farm	SW	300m
12	Kibworth Gun Club	SE	500m
13	Premier Music International	NW	500m
14	ACI Financial	NW	487m
15	Readicut Crafts	NW	470m
17	Total Community Care	NW	487m
18	UK Property Finance	NW	493m
19	Cornerstone Tax Advisors	NW	501m
20	Jefferson Payroll Bureau	NW	510m
21	Secured-loans.co.uk	NW	496m
22	Creative World of Crafts	NW	508m
16	CLA UK	NW	519m
24	Crouch Recovery	NW	531m
25	Dynamic Wealth	NW	561m
26	Farleys	NW	625m
27	Spenders Motorcycles	NW	653m
30	Allotments	N	50m
29	Kemps Clothing	NW	850m
28	Horsewear House Ltd	NW	684m
23	DD Automotive	NW	646m

ID on the Receptor Plan	Receptor	Direction from Operational Area	Minimum Distance from proposed permit boundary (m)
<b>Highway, Minor Road and Railway</b>			
32	Harborough Road (A6)	S	10m
33	W Langton Road	N	125m
34	Railway	N	18m
<b>Farmland</b>			
31	Farmland	W	14m
31	Farmland	N	36m
31	Farmland	E	30m
31	Farmland	S	20m
31	Farmland	SE	65m
<b>Local Wildlife Sites</b>			
-	-		
<b>Protected Species</b>			
-	-		
<b>Protected Habitats</b>			
-	-		
<b>Surface Water</b>			
35	Langton Brook	S	950m
36	Drainage Channel flowing into the Langton Brook	NE	10m
<b>Groundwater (sensitivity)</b>			
-	In accordance with the MAGIC website, the site is not within a Groundwater Protection Zone.		

## 4.2 Pest Management

### Source/Pathway

The Area Supervisor will be responsible for managing all pest management procedures on site.

The effects of pests may be both immediate and long term, presenting a significant burden for the Operator, neighbours and regulatory agencies. The potential causes of a pests are identified below:

- Waste types;
- Storage methodology;
- Poor housekeeping;
- Waste acceptance procedures;
- Transferring/bulking up of material from one vessel to another;

- Poor infrastructure containment;
- Spillages;
- Accidental loss of containment from failed plant and equipment; and
- Tanker and vessels manhole opening and other access points.

### 4.3 Agency Guidelines for Management of Pests

The facility is a waste operation under the Environmental Permitting Regulations 2016, and so is subject to Appropriate Measures. The Operator has adopted the relevant measures for pest control as outlined within Agency Guidance – Non-hazardous and inert waste: appropriate measures for permitted facilities. The relevant control measures undertaken by the Operator are as follows:

- Inspection and control of pests;
- Rejection of loads of infested wastes;
- Treating pest infestations promptly;
- Removal of wastes if necessary;
- Provision of a registered pest contractor; and
- Storing, handling and using approved pest control products.

The risk assessment in Table 4 represents the risk of exposure to a pest before mitigating controls are put in place. The probability of exposure is therefore not necessarily a reflection of the severity of the impact on the receptor, which may not be sensitive to the hazard. The severity of the unmitigated consequence presumes the receptor has been exposed to the hazard.

**Table 4 - Pest Risk Assessment and Management Plan**

What do you do that can harm and what could be harmed			Managing the Risk	Assessing the Risk		
Hazard	Receptor	Pathway	Risk Assessment	Probability of Exposure	Consequence	What is the overall risk?
What has the potential to cause harm?	What is at risk? What do I wish to protect	How could it get to the receptor?	What measures will you take to reduce the risk? If it occurs – who is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains? The balance of probability and consequence.
Flies	Occupiers of domestic dwellings in Table 3.  Commercial and Industrial premises in Table 3.  Users of the A6.	Air.	The site will undertake the following measures to minimise the impact of flies on the surrounding environment: <ul style="list-style-type: none"> <li>• Wastes which are likely to attract flies will be stored within sealed containers (i.e. incidental food wastes) or under cover (green wastes);</li> <li>• Regular housekeeping will be undertaken, including the cleaning of all waste storage areas on a regular basis with appropriate cleaning materials;</li> <li>• Any wastes which are received that are already infested will be removed from site as a priority (unless the flies can be appropriately eradicated by a licenced contractor);</li> <li>• Wastes will have a five-day turnaround and the site will prioritise the removal of any wastes which could have the potential to attract pests;</li> <li>• Fly traps can be placed around the site; and</li> </ul>	Unlikely due to control measures that will be put in place.	Nuisance to local businesses and residents.  Predation of habitats.  Spread of pathogens and disease i.e., cholera, E. coli, typhoid fever, dysentery and tuberculosis.	Not significant due to the management techniques employed.



What do you do that can harm and what could be harmed			Managing the Risk	Assessing the Risk		
Hazard	Receptor	Pathway	Risk Assessment	Probability of Exposure	Consequence	What is the overall risk?
What has the potential to cause harm?	What is at risk? What do I wish to protect	How could it get to the receptor?	What measures will you take to reduce the risk? If it occurs – who is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains? The balance of probability and consequence.
			<ul style="list-style-type: none"> <li>The site has a pest management contract already in place in the event that flies become a problem at the site.</li> </ul> <p>The Recycling Operatives or designated LCC staff member worker will undertake regular reviews of flies at the site. All site Operatives will be vigilant and report any problems to the Area Supervisor.</p>	Unlikely due to control measures that will be put in place.	.	
Wasps	<p>Occupiers of domestic dwellings in Table 3.</p> <p>Commercial and Industrial premises in Table 3.</p> <p>Users of the A6.</p>	Air.	<p>The site will undertake the following measures to minimise the impact of wasps on the surrounding environment:</p> <ul style="list-style-type: none"> <li>Wastes which are likely to attract wasps will be stored in sealed containers (i.e., incidental food wastes) or under cover (green waste);</li> <li>Regular housekeeping will be undertaken, including the cleaning of all waste storage areas on a regular basis with appropriate cleaning materials;</li> </ul>	Unlikely due to control measures that will be put in place.	<p>Nuisance to local businesses and residents.</p> <p>Predation of habitats.</p>	Not significant due to the management techniques employed.

What do you do that can harm and what could be harmed			Managing the Risk	Assessing the Risk		
Hazard	Receptor	Pathway	Risk Assessment	Probability of Exposure	Consequence	What is the overall risk?
What has the potential to cause harm?	What is at risk? What do I wish to protect	How could it get to the receptor?	What measures will you take to reduce the risk? If it occurs – who is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains? The balance of probability and consequence.
			<ul style="list-style-type: none"> <li>Any wastes which are received that are already infested or contain wasp nests will be removed from site as a priority (unless the wasps can be appropriately eradicated by a licenced contractor);</li> <li>Removal of site litter which may attract wasps;</li> <li>Ensuring good maintenance of the concrete pad to prevent holes where wasps may infiltrate;</li> <li>Ensuring regular inspection and maintenance of storage infrastructure to prevent any holes where wasps may create a nest;</li> <li>Putting wasp traps around the site, which act to lure the wasps into the trap whereby they can then be removed by a licenced contractor; and</li> <li>The site has a pest management contract already in place in the event that wasps become a problem at the site.</li> </ul>			

What do you do that can harm and what could be harmed			Managing the Risk	Assessing the Risk		
Hazard	Receptor	Pathway	Risk Assessment	Probability of Exposure	Consequence	What is the overall risk?
What has the potential to cause harm?	What is at risk? What do I wish to protect	How could it get to the receptor?	What measures will you take to reduce the risk? If it occurs – who is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains? The balance of probability and consequence.
			The Recycling Operative or designated LCC staff member will undertake regular reviews of wasps at the site. All site Operatives will be vigilant and report any problems to the Area Supervisor.			
Rats and Mice	Occupiers of domestic dwellings in Table 3.  Commercial and Industrial premises in Table 3.	Ground.  Surface water.	The site will undertake the following measures to minimise the impact of rats and mice on the surrounding environment: <ul style="list-style-type: none"> <li>• Wastes which are likely to attract rats will be stored in sealed containers (i.e., incidental food wastes) or under cover (green waste);</li> <li>• Regular housekeeping will be undertaken, including the cleaning of all waste storage areas on a regular basis with appropriate cleaning materials;</li> <li>• Site infrastructure will be inspected regularly to ensure that any cavities that may attract nesting rats and mice are identified and filled;</li> </ul>	Unlikely due to control measures that will be put in place.	Nuisance to local businesses and residents.  Predation of habitats.  Spread of pathogens and disease.	Not significant due to the management techniques employed.

What do you do that can harm and what could be harmed			Managing the Risk	Assessing the Risk		
Hazard	Receptor	Pathway	Risk Assessment	Probability of Exposure	Consequence	What is the overall risk?
What has the potential to cause harm?	What is at risk? What do I wish to protect	How could it get to the receptor?	What measures will you take to reduce the risk? If it occurs – who is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains? The balance of probability and consequence.
			<ul style="list-style-type: none"> <li>All waste is removed from site within 5 days of receipt, the fast turnaround of wastes will prevent nests developing;</li> <li>Any wastes which are received that are already infested or contain rats and mice will be removed from site as a priority (unless the rats and mice can be appropriately eradicated by a licenced contractor);</li> <li>Traps can be set within the external yard area;</li> <li>Removal of site litter which may attract mice and rats; and</li> <li>The site has a pest management contract already in place in the event that mice and rats become a problem at the site.</li> </ul> <p>The Recycling Operative or designated LCC staff member will undertake regular reviews of rats and mice at the site. All site Operatives will be vigilant and report any problems to the Area Supervisor.</p>			

What do you do that can harm and what could be harmed			Managing the Risk	Assessing the Risk		
Hazard	Receptor	Pathway	Risk Assessment	Probability of Exposure	Consequence	What is the overall risk?
What has the potential to cause harm?	What is at risk? What do I wish to protect	How could it get to the receptor?	What measures will you take to reduce the risk? If it occurs – who is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains? The balance of probability and consequence.
Birds	Occupiers of domestic dwellings in Table 3.  Commercial and Industrial premises in Table 3.  Users of the A6.	Air.	The site will undertake the following measures to minimise the impact of birds on the surrounding environment: <ul style="list-style-type: none"> <li>• Wastes which are likely to attract birds will be stored in sealed containers (i.e., incidental food wastes) or under cover (green waste);</li> <li>• Regular housekeeping will be undertaken, including the cleaning of all waste storage areas on a regular basis with appropriate cleaning materials;</li> <li>• Infrastructure maintenance and inspections will be undertaken to ensure that entry points are identified early and remediated;</li> <li>• All waste is removed from site within 5 days of receipt, the fast turnaround of wastes will prevent birds having a ready food source;</li> <li>• Removal of site litter which may attract scavenging birds;</li> </ul>	Unlikely due to control measures that will be put in place.	Nuisance to local businesses and residents.  Predation of habitats.  Spread of pathogens and disease.	Not significant due to the management techniques employed.

What do you do that can harm and what could be harmed			Managing the Risk	Assessing the Risk		
Hazard	Receptor	Pathway	Risk Assessment	Probability of Exposure	Consequence	What is the overall risk?
What has the potential to cause harm?	What is at risk? What do I wish to protect	How could it get to the receptor?	What measures will you take to reduce the risk? If it occurs – who is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains? The balance of probability and consequence.
			<ul style="list-style-type: none"> <li>The site may employ bird hawkers if required;</li> <li>A bird scarer may be deployed; however, this is unlikely given that a bird scarer may attract noise complaints; and</li> <li>The site has a pest management contract already in place in the event that birds become a problem at the site.</li> </ul> <p>The Recycling Operative or designated LCC staff member will undertake regular reviews of birds at the site. All site Operatives will be vigilant and report any problems to the Area Supervisor.</p>	Unlikely due to control measures that will be put in place.	<p>Nuisance to local businesses and residents.</p> <p>Predation of habitats.</p> <p>Spread of pathogens and disease.</p>	Not significant due to the management techniques employed.
Mosquitos	<p>Occupiers of domestic dwellings in Table 3.</p> <p>Commercial and Industrial premises in Table 3.</p>	<p>Air.</p> <p>Surface water.</p>	<p>The site will undertake the following measures to minimise the impact of mosquitos on the surrounding environment:</p> <ul style="list-style-type: none"> <li>Site drainage will be implemented and maintained to ensure it is kept clear of debris, this will ensure that drains do not back up causing pools of water which could become stagnant;</li> </ul>	Unlikely due to control measures that will be put in place.	<p>Nuisance to local businesses and residents.</p> <p>Predation of habitats.</p>	Not significant due to the management techniques employed.

What do you do that can harm and what could be harmed			Managing the Risk	Assessing the Risk		
Hazard	Receptor	Pathway	Risk Assessment	Probability of Exposure	Consequence	What is the overall risk?
What has the potential to cause harm?	What is at risk? What do I wish to protect	How could it get to the receptor?	What measures will you take to reduce the risk? If it occurs – who is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains? The balance of probability and consequence.
			<ul style="list-style-type: none"> <li>• All wastes which could cause a leachate will be contained or kept covered to prevent the formation of dirty water which could attract mosquitos in the event of a rain incident;</li> <li>• Any spills of wastes or breaches of containment will be rectified as soon as is practicable to prevent the formation of a leachate that could attract mosquitos;</li> <li>• Regular housekeeping will be undertaken, including the cleaning of all waste storage areas on a regular basis with appropriate cleaning materials;</li> <li>• Regular infrastructure maintenance and inspections will be undertaken to ensure that entry points are identified early and remediated;</li> <li>• The site has a pest management contract already in place in the event that mosquitos become a problem at the site.</li> </ul>		Spread of pathogens and disease.	

What do you do that can harm and what could be harmed			Managing the Risk	Assessing the Risk		
Hazard	Receptor	Pathway	Risk Assessment	Probability of Exposure	Consequence	What is the overall risk?
What has the potential to cause harm?	What is at risk? What do I wish to protect	How could it get to the receptor?	What measures will you take to reduce the risk? If it occurs – who is responsible for what?	How likely is this contact?	What is the harm that can be caused?	What is the risk that still remains? The balance of probability and consequence.
			The Recycling Operative or designated LCC staff member will undertake regular reviews of mosquitos at the site. All site Operatives will be vigilant and report any problems to the Area Supervisor.			
Windblown litter.	Occupiers of domestic dwellings in Table 3.  Commercial and Industrial premises listed in Table 3.  Users of the A6.	Air then deposition.	Litter has the potential to attract pests at waste sites, giving them a food source and nesting materials. Strict waste acceptance procedures will be in place to minimise the risk of non-compliant wastes being accepted in accordance with the permit application.  Wastes will be contained within canopied skips or within appropriate containment and under cover. If litter is observed at the site boundary, netting will be provided if required.  All incoming waste via HGV and outgoing wastes will be contained, sheeted, netted or covered to prevent any litter escaping.  Site Operatives will be vigilant and report any litter problems to the Area Supervisor.  In the event that litter is generated by site activities, the Area Supervisor will implement a litter collection as necessary.	Unlikely due to control measures that will be put in place.	Local nuisance.	Not significant due to the nature of the waste types and the management techniques employed



## 5.0 CONCLUSION

Kibworth Recycling and Household Waste Site is operated by LCC and is situated within close proximity to a number of sensitive industrial/commercial receptors which may be affected generated from activities.

The information contained within the assessment detailed in Table 4 above indicates that site activities are unlikely to cause any disturbance from pests and litter due to the storage and management techniques employed by the applicant. The management techniques will ensure that any fugitive emissions will be adequately contained and managed so as not to attract pests to the site.

Due to the above measures, we conclude that it is unlikely that local receptors will be impacted by the proposal.

**Appendix A – Permit Boundary and Site Layout**  
**(Forwarded under separate cover)**

## **Appendix B – List of Permitted Wastes**

<b>EWC Code</b>	<b>Description</b>
<b>02</b>	<b>WASTES FROM AGRICULTURE, HORTICULTURE, AQUACULTURE, FORESTRY, HUNTING AND FISHING, FOOD PREPARATION AND PROCESSING</b>
<b>02 01</b>	<b>wastes from agriculture, horticulture, aquaculture, forestry, hunting and fishing</b>
02 01 03	plant-tissue waste
02 01 04	waste plastics (except packaging)
02 01 07	wastes from forestry
02 01 10	waste metal
<b>02 02</b>	<b>wastes from the preparation and processing of meat, fish and other foods of animal origin</b>
02 02 03	materials unsuitable for consumption or processing
<b>02 03</b>	<b>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</b>
02 03 04	materials unsuitable for consumption or processing
<b>02 04</b>	<b>wastes from sugar processing</b>
02 04 01	soil from cleaning and washing beet
<b>02 05</b>	<b>wastes from the dairy products industry</b>
02 05 01	materials unsuitable for consumption or processing
<b>02 06</b>	<b>wastes from the baking and confectionery industry</b>
02 06 01	materials unsuitable for consumption or processing
02 06 02	wastes from preserving agents
<b>03</b>	<b>WASTES FROM WOOD PROCESSING AND THE PRODUCTION OF PANELS AND FURNITURE, PULP, PAPER AND CARDBOARD</b>
<b>03 01</b>	<b>wastes from wood processing and the production of panels and furniture</b>
03 01 01	waste bark and cork
03 01 04*	sawdust, shavings, cuttings, wood, particle board and veneer containing hazardous substances
03 01 05	sawdust, shavings, cuttings, wood, particle board and veneer other than those mentioned in 03 01 04
<b>03 03</b>	<b>wastes from pulp, paper and cardboard production and processing</b>
03 03 01	waste bark and wood
03 03 08	wastes from sorting of paper and cardboard destined for recycling
<b>w07</b>	<b>WASTES FROM ORGANIC CHEMICAL PROCESSES</b>
<b>07 02</b>	<b>Waste from the MSFU of plastics, synthetic rubber and man-made fibres</b>
07 02 13	Waste plastic
<b>12</b>	<b>WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS</b>
<b>12 01</b>	<b>wastes from shaping and physical and mechanical surface treatment of metals and plastics</b>
12 01 01	ferrous metal filings and turnings
12 01 03	non-ferrous metal filings and turnings
12 01 05	plastics shavings and turnings
<b>13</b>	<b>OIL WASTES AND WASTES OF LIQUID FUELS (EXCEPT EDIBLE OILS, AND THOSE IN CHAPTERS 05, 12 AND 19)</b>
<b>13 02</b>	<b>Waste engine, gear and lubricating oils</b>
13 02 04*	mineral-based chlorinated engine, gear and lubricating oils
13 02 05*	mineral-based non-chlorinated engine, gear and lubricating oils
13 02 06*	synthetic engine, gear and lubricating oils
13 02 07*	readily biodegradable engine, gear and lubricating oils
<b>15</b>	<b>WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED</b>

<b>15 01</b>	<b>packaging (including separately collected municipal packaging waste)</b>
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	glass packaging
15 01 09	textile packaging
<b>15 02</b>	<b>absorbents, filter materials, wiping cloths and protecting clothing</b>
15 02 03	absorbents, filter materials, wiping cloths and protective clothing other than those mentioned in 15 02 02
<b>16</b>	<b>WASTES NOT OTHERWISE SPECIFIED IN THE LIST</b>
<b>16 01</b>	<b>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)</b>
16 01 03	end-of-life tyres
<b>16 02</b>	<b>wastes from electrical and electronic equipment</b>
16 02 11*	discarded equipment containing chlorofluorocarbons, HCFC, HFC
16 02 14	discarded equipment other than those mentioned in 16 02 09 to 16 02 13
16 02 16	components removed from discarded equipment other than those mentioned in 16 02 15
<b>16 05</b>	<b>gases in pressure containers and discarded chemicals</b>
16 05 04*	gases in pressure containers (including halons) containing hazardous substances
<b>16 06</b>	<b>batteries and accumulators</b>
16 06 04	alkaline batteries (except 16 06 03)
16 06 05	other batteries and accumulators
<b>17</b>	<b>CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)</b>
<b>17 01</b>	<b>concrete, bricks, tiles and ceramics</b>
17 01 01	concrete
17 01 02	bricks
17 01 03	tiles and ceramics
17 01 07	mixtures of concrete, bricks, tiles and ceramics other than those mentioned in 17 01 06
<b>17 02</b>	<b>wood, glass and plastic</b>
17 02 01	wood
17 02 02	glass
17 02 03	plastic
<b>17 03</b>	<b>bituminous mixtures, coal tar and tarred products</b>
17 03 02	bituminous mixtures other than those mentioned in 17 03 01
<b>17 04</b>	<b>metals (including their alloys)</b>
17 04 01	copper, bronze, brass
17 04 02	aluminium
17 04 03	lead
17 04 04	zinc
17 04 05	iron and steel
17 04 06	tin
17 04 07	mixed metals
17 04 11	cables other than those mentioned in 17 04 10
<b>17 05</b>	<b>soil (including excavated soil from contaminated sites), stones and dredging spoil</b>
17 05 04	soil and stones other than those mentioned in 17 05 03
<b>17 06</b>	<b>insulation materials and asbestos-containing construction materials</b>
17 06 01*	insulation materials containing asbestos

17 06 04	insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 06 05*	construction materials containing asbestos
<b>17 08</b>	<b>gypsum-based construction material</b>
17 08 02	gypsum-based construction materials other than those mentioned in 17 08 01
<b>17 09</b>	<b>other construction and demolition waste</b>
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>WASTE FROM WASTE MANAGEMENT FACILITIES, OFF-SITE WASTE WATER TREATMENT PLANTS AND THE PREPARATION OF WATER INTENDED FOR HUMAN CONSUMPTION AND WATER FOR INDUSTRIAL USE</b>
<b>19 12</b>	<b>wastes from the mechanical treatment of waste (for example sorting, crushing, compacting, pelletising) not otherwise specified</b>
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 06*	wood containing hazardous substances
19 12 07	wood other than those mentioned in 19 12 06
19 12 08	Textiles
19 12 09	minerals (for example sand, stones)
19 12 10	combustible waste (refuse derived fuel)
<b>20</b>	<b>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</b>
<b>20 01</b>	<b>separately collected fractions (except 15 01)</b>
20 01 01	paper and cardboard
20 01 02	Glass
20 01 08	biodegradable kitchen and canteen waste
20 01 10	clothes
20 01 11	textiles
20 01 13*	solvents
20 01 14*	acids
20 01 15*	alkalines
20 01 17*	photochemicals
20 01 19*	pesticides
20 01 21*	fluorescent tubes and other mercury-containing waste
20 01 23*	discarded equipment containing chlorofluorocarbons
20 01 25	edible oil and fat
20 01 26*	oil and fat other than those mentioned in 20 01 25
20 01 27*	paint, inks, adhesives and resins containing hazardous substances
20 01 28	paint, inks, adhesives and resins other than those mentioned in 20 01 27
20 01 29*	detergents containing hazardous substances
20 01 30	detergents other than those mentioned in 20 01 29
20 01 33*	batteries and accumulators included in 16 06 01, 16 06 02 or 16 06 03 and unsorted batteries and accumulators containing these batteries
20 01 34	batteries and accumulators other than those mentioned in 20 01 33
20 01 35*	discarded electrical and electronic equipment other than those mentioned in 20 01 21 and 20 01 23 containing hazardous components
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 37*	wood containing hazardous substances
20 01 38	wood other than those mentioned in 20 01 37
20 01 39	plastics
20 01 40	metals
20 01 41	wastes from chimney sweeping

<b>20 02</b>	<b>garden and park wastes (including cemetery waste)</b>
20 02 01	biodegradable waste
20 02 02	soil and stones
20 02 03	other non-biodegradable wastes
<b>20 03</b>	<b>other municipal wastes</b>
20 03 01	mixed municipal waste
20 03 02	waste from markets
20 03 03	street-cleaning residues
20 03 07	bulky waste

## **Appendix C – Complaints Procedure**



Action	Person responsible for ensuring action is carried out	Timescale for Action Completion
<p>1. The Area Supervisor will be notified of the complaint and will make the appropriate managerial staff and site Operatives aware of the complaint.</p> <p>The complaint shall be formally recorded using the Complaint Report sheet contained within the site's EMS.</p>	Area Supervisor	Within one working day of receipt of the complaint.
<p>2. The complaint shall be investigated by:</p> <p>a) Checking the Site Diary and Waste Acceptance Records to see if any wastes were received which could cause pest issues.</p> <p>b) Checking the Site Diary to see whether the complaint corresponds to any operational issues at the site, such as damage to roller shutter doors, drainage, traps or damage to other pest management infrastructure.</p> <p>If the cause of the complaint is established it will be recorded within the Complaint Record Sheet. If no particular cause is identified then this will also be recorded.</p>	Area Supervisor	Within one working day of receipt of the complaint.
<p>3. If a number of complaints are received about a particular incident, then it might be necessary to bring in the pest management contractor. If this is the case, the Environment Agency shall be informed.</p>	Area Supervisor	Within one working day of receipt of the complaint.
<p>4. The Area Supervisor will instigate any necessary reviews of procedures and will implement any required changes. Any maintenance to pest management infrastructure will be undertaken as soon as possible.</p>	Area Supervisor	Within seven working days of receipt of the complaint.
<p>5. If appropriate, the complainant and the Environment Agency will be informed of any corrective actions taken.</p>	Area Supervisor	Within seven working days of receipt of the complaint.
<p>6. A follow up audit on the corrective actions shall be undertaken to ensure the preventative procedure was effective and to determine if any additional actions are required.</p>	Area Supervisor	Within two weeks of receipt of the complaint.
<p>7. Once the follow up audit has been completed, the Area Supervisor will ensure that the complaint and any action taken and the effectiveness of that action are recorded in the EMS.</p> <p>This record shall also note any amendments to procedures, both environmental and health and safety, which may be required following the investigation. The record shall be kept in the site office at all times or if it is an electronic record, it will be accessible at the site.</p>	Area Supervisor	Within two weeks of receipt of the complaint.

## **Appendix D – Site Conditions Log**

# **Kibworth Recycling and Household Waste Site Site Conditions Log**

**Date:**

**Name:**

**Observations:**

**Actions:**

**Signature:**