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VEOLIA ES (UK) LIMITED

HUYTON WTS

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

JULY 2025

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JULY 2025

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1 INTRODUCTION

1.1 Terms of Reference

1.1.1 Wardell Armstrong LLP (WA) was commissioned by Veolia ES (UK) Limited to produce a Construction Environmental Management Plan (CEMP) in respect of proposed food waste building at Huyton Waste Transfer Station (WTS), Knowsley central Ordnance Survey (OS) grid reference SJ 45805 90173 (hereafter known as the 'Site').

1.1.2 The development has received planning permission (25/00135/FUL), of which there is a pre-commencement condition requirement for a CEMP. The condition states:

"No part of the development hereby permitted including any works of demolition shall be commenced until a Construction Environmental Management Plan that details the means of mitigation of construction effects has been submitted and agreed in writing by the Local Planning Authority. This shall include the following:

- a. measures to protect the existing trees along the eastern site boundary.*
- b. pollution prevention measures to minimise the risk of run-off into Logwood Mill Brook.*
- c. water suppression techniques shall be employed throughout the construction phase to prevent dust travelling off-site.*
- d. Proposed hours of construction (the following is usually acceptable: 0800 to 1800 Monday to Friday, 0800 to 1300 Saturday and not at all on Sundays/Public Holidays.*
- e. All site works shall then proceed only in accordance with the approved management plan unless otherwise agreed in writing beforehand with the Local Planning Authority.*

Reason : To ensure the satisfactory development of the site and in the interests of amenity and protecting the existing trees and any protected species using them and to minimise the risk of pollution to Logwood Mill Brook and to comply with Policy CS2 and CS8 of the Knowsley Local Plan Core Strategy adopted January 2016 and saved policy DQ4 of the Knowsley replacement Unitary Development Plan, adopted June 2006."

1.2 Site Context

1.2.1 The site is approximately 500 m² and located on hardstanding within an existing waste transfer facility, located within a wider industrial estate. Logwood Mill Brook and the associated riparian vegetation lies immediately to the east of the existing waste facility and outside the site boundary. The riparian vegetation is dominated by a mix of conifer and broadleaved tree species.

1.2.2 The closest statutory designated site is Childwall Woods & Fields Local Nature Reserve (LNR), which is over 4 km to the west.

1.2.3 The consented development includes the demolition of a Nissen hut type structure and erection of a food waste transfer building.

1.3 Purpose of Report

1.3.1 This report outlines how the construction of the proposed development will be managed. The successful management of construction environmental issues during the works will be the responsibility of the appointed Contractor and consequently this CEMP is considered a live working document that will be reviewed, and where necessary updated, by the appointed Contractor through the development of their specific method statements.

1.3.2 The ecological management objectives within this document are in line with the recommendations set out in the published British Standards (2013) Biodiversity code of practice for planning and development.

1.3.3 The CEMP will:

- Identify key elements of biodiversity on the Site, including legally protected species and species of high conservation value; and
- Identify means to safeguard species within the Site before and during the construction phase.

1.4 Quality Assurance & Environmental Management

1.4.1 This report has been overseen, checked and verified by a member of CIEEM, who is bound by its code of professional conduct.

2 BASELINE DATA

2.1 Introduction

2.1.1 No ecological surveys have been undertaken in support of the planning application due to the absence of vegetated habitats within the application area.

2.1.2 A search has been undertaken using Magic Maps to identify the following possible constraints within the vicinity of the application area:

- any statutory designated nature conservation sites;
- any habitats included within Natural England's Priority Habitat Inventory; and
- any previously granted European Protected Species licences, which could indicate the presence of protected species.

2.2 Status of Priority Habitats

2.2.1 Table 1 below summarises the protected/priority habitats present or within the potential to be present within or within close proximity to the Site; their legal status; and their current status within the Site.

Table 1: Protected/Priority Habitats Status			
Species		Legislation ¹	Site Status and Potential Impacts
Logwood Mill Brook		s.41	Logwood Mill Brook lies approximately 20 m from the application area. The works may cause degradation of this habitat, as well as habitats downstream, via dust produced during the demolition and pollution incidents during demolition and construction.
Existing trees along the eastern site boundary		Not priority woodland but specifically highlighted within the wording of Condition 4 of the planning permission (25/00135/FUL).	Existing trees are approximately 10 m from the application area. The works are located outside of the canopy spread of the existing trees and are located on an area of existing concrete hardstanding, which extends to the site boundary. Access to the working area may require some removal of overhanging limbs although no trees are to be removed to facilitate the development. Site traffic is not anticipated to result in ground compaction or other harm to the root protection area due to the presence of the existing concrete pad.

¹ S.41 – habitats listed under section 41 of the NERC Act 2006 as habitats of principal importance

		The works may cause degradation of this habitat via dust produced during the demolition and pollution incidents during demolition and construction.
A habitat mosaic including Deciduous Woodland	s.41	Located approximately 175 m west of the application area. No direct or indirect impacts anticipated.
Deciduous Woodland	s.41	Located approximately 225 m north of the application area. No direct or indirect impacts anticipated.

2.3 Status of Protected Species

2.3.1 Table 2 below summarises the protected species present (or with the potential to be present within the Site) their legal status, and their current status within the Site.

Table 2: Protected Species Status		
Species	Legislation ²	Site Status and Potential Impacts
Bats	EPS, WCA, s.41, LBAP	The structure to be demolished is of a type and design not typically associated with roosting bats and there is no evidence to suggest that the structures on site are of greater than 'negligible' bat roost potential. The existing trees along the eastern site boundary have not been formally assessed for their bat potential, although it is expected that this habitat has some value as a commuting and foraging corridor. There may be indirect impacts to bats via degradation of foraging habitats adjacent to the Site as a result of dust produced during the demolition works. Any foraging or commuting bats flying within or adjacent to the Site could be disturbed by the demolition works, should these works be undertaken at night, through noise and light disturbance.
Birds	S.41, WCA Sch1, BoCC	The existing trees along the eastern site boundary provide suitable nesting habitat for common and widespread species. Should overhanging branches require removal to facilitate access for construction direct impacts to nesting bird species may occur, e.g. via destruction of nests. There may be indirect impacts to birds via degradation of habitats

² EPS – European Protected Species, WCA – Wildlife and Countryside Act 1981 (as amended), S.41 – species listed under section 41 of the NERC Act 2006 as species of principal importance, LBAP – Local Biodiversity Action Plan, BoCC – Birds of Conservation Concern

		adjacent to the Site as a result of dust produced during the demolition works. Due to the negligible ecological value of the habitats on site, there are unlikely to be losses of breeding habitat for protected/notable species.
Otter <i>Lutra lutra</i>	EPS, WCA, s.41	The Site itself provides no suitable habitat; however, the adjacent Logwood Mill Brook may provide suitable habitat as an otter foraging and commuting route. There may be indirect impacts to otter via degradation of habitats adjacent to the Site as a result of dust produced during the demolition works and pollution incidents during demolition and construction.
Water vole <i>Arvicola amphibius</i>	WCA, S.41, LBAP	The Site itself provides no suitable habitat; however, the adjacent Logwood Mill Brook may provide suitable habitat for water vole burrowing and foraging. There may be indirect impacts to water vole via degradation of habitats adjacent to the Site as a result of dust produced during the demolition works and pollution incidents during demolition and construction.

3 ASSESSMENT OF POTENTIALLY DAMAGING DEMOLITION ACTIVITIES

3.1 Summary

- 3.1.1 The following activities associated with the proposed works have been assessed as having the potential to impact upon sensitive ecological receptors known, or potentially present.

3.2 Schedule

- 3.2.1 The date for commencement of the works have not been confirmed at the time of preparing this CEMP. Works will be carried out during normal hours 0800 and 1800 from Monday to Friday and 0800 to 1300 on Saturday.

3.3 Dust Produced During Demolition Works

- 3.3.1 Dust may cause degradation of habitats, which in turn can also impact the survival of protected species which utilise these habitats. Dust has the potential to impact upon Logwood Mill Brook and the exiting trees outside the eastern site boundary and indirectly on protected species (bats, birds, otter and water vole). Dust may also be carried along the Logwood Mill Brook and adversely impact habitats and species downstream.

3.4 Environmental Incidents

- 3.4.1 Hazardous substances to be used on Site during construction, or to arise from construction activities have the potential to impact upon adjacent habitats and protected species, in close proximity to the Site, if they are not controlled appropriately and prevented from being released into the environment. Substances include, but not limited to, fuel for plant and/or equipment, concrete and diffuse pollution. Notably, this pertains to the adjacent Logwood Mill Brook.

3.5 Non-physical Disturbance

- 3.5.1 Night-time working, where permitted, has the potential to temporarily affect foraging bats through increases in noise and light spill.

3.6 Vegetation Clearance

- 3.6.1 No trees will be removed to facilitate the development. However, some lopping or limb removal of overhanging branches may be required to facilitate access to the eastern site of the working area. These works have the potential to directly impact nesting birds if undertaken during the bird breeding season.

4 PRACTICAL MEASURES TO AVOID OR REDUCE IMPACTS

4.1 Dust Mitigation Controls

- 4.1.1 The following dust mitigation controls will avoid/minimise impacts to Logwood Mill Brook, the exiting trees outside the eastern site boundary and protected species (bats, birds, otter and water vole).
- 4.1.2 Responsibility for adhering to procedures designed to avoid pollution incidents lies with the Principal Contractor.
- 4.1.3 Site operatives to be made aware of sensitive habitats adjacent to the Site and in the surrounding area, through a toolbox talk by the ECoW.
- 4.1.4 Dust mitigation controls to be implemented are outlined below:

Planning works around weather conditions to help reduce dust.

Recovering dusty materials prior to and avoiding disturbance during demolition wrecking.

- Use of appropriate equipment.
- Use of dust suppression equipment such as motofog, dust cannon or direct hose connections.
- Limiting vehicle movements.
- Soft stripping buildings prior to demolition wrecking.
- Stockpiling dusty materials to limit surface areas.
- Wet sweeping of roads and concrete surfaces.
- Having a trained and experienced workforce who are aware of dust issues.

4.2 Pollution Controls

- 4.2.1 The following pollution protocols will avoid/minimise impacts to Logwood Mill Brook, the exiting trees outside the eastern site boundary and protected species (bats, birds, otter and water vole).
- 4.2.2 The responsibility for adhering to procedures designed to avoid pollution incidents lies with the Site Manager and/or Principal Contractor. The main procedures encompass the following:
- Site operatives to be made aware of sensitive habitats adjacent to the Site through a toolbox talk by the ECoW.

- An incident response plan will be put in place and communicated to personnel, who will be trained to act in accordance with it in the event of a pollution incident.
- In the unlikely event of a pollution incident, the Environment Agency (EA) will be informed via 0800 807 060 and appropriate action taken to reduce/contain the incident.
- Storage tanks will be labelled clearly with contents and storage capacity.
- Fuel, oil, hazardous materials will be stored in accordance with best practice, including storage on an impervious base within bunded containers of sufficient capacity, above flood water level, with clear signage indicating maximum volume to be stored, and away from root protection zones.
- Regular checks to ensure bund and containers are intact and not leaking will be carried out.
- All tanks, drums and bowzers will be stored away from working areas for this development and within the wider waste transfer facility, which is secured to prevent public access.
- Plant to be refuelled in a designated area, on an impermeable base, using a bunded bowser with drip trays and spill kit to be provided.
- Contained area for washing out of concrete batching plant or lorries will not be located within 10 m the eastern site boundary.
- Wash water will be collected for discharge to sewer (with permission from sewerage undertaken) or disposal off Site.
- The wider waste transfer facility will be secured by gates and plant will be stored overnight, or when not in use, within the facility.

4.3 Bats

- 4.3.1 A toolbox talk on bats is to be provided by the ECoW prior to commencement of works.
- 4.3.2 No nighttime working will occur, with all works undertaken between the hours of 0800 and 1800 from Monday to Friday and 0800 to 1300 on Saturday.

4.4 Nesting Birds (General)

- 4.4.1 A toolbox talk on nesting birds is to be provided by the ECoW prior to commencement of works. No lopping or removal of overhanging branches or limbs will be undertaken unless necessary to facilitate safe access of plant equipment to the working area.

- 4.4.2 The ECoW will undertake a nesting bird check no more than 48 hrs prior to the commencement of any lopping or removal of overhanging branches or limbs. If an active nest or a bird constructing a nest is found, which would be damaged or disturbed by the works, no works will commence until the nesting attempt is finished.
- 4.4.3 Any active nests are to be protected until chicks fledge or nesting attempt is confirmed as failed. A buffer will be demarcated around the nest using heras or similar fencing and the distance required will depend upon the species nesting and be a minimum of 5 m around the active nest.

5 COMPLIANCE AND MONITORING

5.1 Key Personnel

The Client

- 5.1.1 The client is responsible for the implementation of this CEMP and to make sure it is updated as necessary.
- 5.1.2 The Client will ensure that the Principal Contractor and all personnel working on the Site, read and adhere to this CEMP which describes the potential for protected species to be present within the Site and surrounding habitats; including the measures to be implemented in order to protect the species and habitats within the Site.

Ecological Clerk of Works (ECoW)

- 5.1.3 The lead Ecological Clerk of Works (ECoW) is Jake Smith, Principal Ecologist on behalf of SLR. Jake is an Associate Member of CIEEM and has 8 years of continued professional consultancy experience. Jake's academic qualifications include a BSc (Hons) in Ecology and Conservation from Manchester Metropolitan University and a MSc in Ecological Consultancy from Newcastle University. The onsite ECoW will be determined at the time of works.
- 5.1.4 The lead ECoW will supervise the onsite ECoW and will be on call at all times during works. The ECoW on Site will supervise vegetation removal works, removal of notable ecological features, assist in the implementation of this CEMP, and will advise how best to proceed if any protected and/or notable species are discovered during works, as detailed below.
- 5.1.5 The ECoW will undertake a toolbox talk to the Site supervisor and all personnel working on the Site. This is to ensure that all personnel are aware of the potential presence of protected species/habitats within the Site.
- 5.1.6 The tool-box talk will include a brief description of the protected species within the Site and how to proceed if they encounter any protected species as detailed in this CEMP. All personnel will be asked to read this CEMP to ensure that they fully understand the requirement for its implementation.

5.2 Monitoring

- 5.2.1 During any required supervision provided by the ECoW, a log-book of activities undertaken to protect the sensitive ecological receptors identified within this report will be maintained while on Site.
- 5.2.2 If ecological issues arise during construction works, such as the unforeseen presence of a protected species which could be impacted by ongoing works, works shall cease.

The Site Manager shall contact the ECoW and record the incident within the log-book.
The course of action taken subsequently will also be logged, alongside any necessary
mitigation measures implemented.

6 CONCLUSION

6.1 Conclusion

- 6.1.1 This CEMP has been prepared to safeguard protected and priority species and habitats identified as potential receptors for the development. It identifies measures to be incorporated in order to protect species with the potential to be present within the Site and surrounding areas. It is considered that with the implementation of mitigation measures proposed within this document, all wildlife legislation will be adhered to.

Bats

Why are they important?	Where may I find bats?	What should I do ON SITE?
All species of bat within the UK are protected under the Wildlife and Countryside Act (1981) as amended, Countryside and Rights of Way Act (2000) and the Conservation of Habitats and Species Regulations (2019) as amended. As a result, it is an illegal offence to: • Intentionally kill, injure or capture bats; • Deliberately or recklessly disturb bats; • Damage, destroy or obstruct access to bat roosts; • Possess or transport a bat or any part of a bat, unless acquired legally; • Sell, barter or exchange bats or parts of bats, or advertise a wish to do so. <i>Breaking the law can result in unlimited fines and/or imprisonment.</i>	Bats use many different roosting places for resting, breeding and hibernating including: • Holes and cracks in trees; • Roofs and walls; • Underground in caves; • Railway tunnels and bridges.  Bat in tree hole  Bat in brickwork	Risky activities • tree felling and timber extraction • increased noise, lighting or vibration • Building demolitions Precautions to follow: • A 20m exclusion zone around any know, or potential roosts will be implemented. • If a bat, or evidence of bats is found, works should stop immediately, and a Suitably Qualified Licenced Ecologist should be consulted. • It is likely that a European Protected Species licence would be required to permit works to continue.

Bats

Site	Job Number	Date

The briefing was provided by:

Name	Signature	Company
		Wardell Armstrong

Personnel who received the briefing:

[illegible]

Nesting Birds

Why are they important?

All wild birds are protected under the **Wildlife and Countryside Act 1981 (as amended)**, which makes it illegal (subject to exceptions) to:

- Intentionally kill, injure, or take any wild bird;
- take, damage or destroy the nest (whilst being built or in use) or eggs of any wild bird.

Additional protection is provided to birds listed on **Schedule 1 of the Wildlife and Countryside Act 1981 (as amended)**. In addition to the offences detailed above relating to all wild birds, it is illegal to:

- Intentionally or recklessly disturb any bird listed on Schedule 1, or their dependent young while nesting.

Breaking the law can result in unlimited fines and/or imprisonment.

What should I do ON SITE?

Risky activities

- tree felling and timber extraction
- increased noise, lighting or vibration
- ground disturbance near nests
- lighting fires
- pile driving and quarry blasting

Precautions to follow:

- If a nesting bird(s), or nest with eggs is found, **works should be stopped immediately**, and an Ecologist should be consulted.
- It is likely that a **protective buffer zone** will have to be enforced and works halted till the nesting attempt is completed.

To bear in mind...

- ! The nesting bird season is from **March to August** included, but some bird species nest all year round (e.g., Robin, Rock dove)
- ! All birds are protected while nesting including gulls, crows, pigeons and other species sometimes referred to as pests.
- ! Birds can nest in a variety of habitats/places and either aboveground or on the ground.



Collard dove in an unorthodox place to nest



Snipe nest on the ground

Nesting Birds

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