

# Construction Waste Management Plan (CWMP) The Biscuit Factory 100 Clements Road, Bermondsey, London, SE16 4DG



<b>Contractor</b>	<b>Erith Contractors Ltd</b>
<b>Client</b>	<b>McLaren</b>

### Document Production / Authorisation Record

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## 1.0 Introduction

### 1.1 Construction Waste Management Plan

Erith Group's Environment Management System (EMS) sets out in detail how environment and sustainability is managed during our activities. The EMS is accredited to ISO14001:2015 and our processes are aligned with the standard's requirements. A copy of the policy is included in Appendix A.

This Construction Waste Management Plan (CWMP) sets out the ways in which resources and waste on this project will be effectively controlled and minimised. This DWMP will demonstrate how the project activities will incorporate the waste hierarchy, design out waste and focus on minimisation, set out the relevant duty of care, design out waste and focus on minimisation, meet project BREEAM requirements (target Excellent) and track and analyse actual waste produced.

Planning permission (Southwark Council ref: 17/AP/4088) is subject to pre-commencement Condition 17 - Construction and Construction Waste Management Plan. The CWMP will be submitted to the Local Planning Authority to discharge that condition prior to commencement of Construction Activities.

All parties working for Erith Contractors Limited on the project will be required to meet the plan requirements.

The CWMP will be held on Erith's EZone system and reviewed and updated every 3 months as a minimum.

### 1.2 Project Details

<b>Project Name:</b>	<b>Former Biscuit Factory, Bermondsey</b>
<b>Project Number:</b>	<b>TBC</b>
<b>Start Date:</b>	<b>February 2024</b>
<b>Completion Date:</b>	<b>TBC</b>
<b>Project Value</b>	<b>TBC</b>
<b>Site Address:</b>	<b>The Biscuit Factory, 100 Clements Road, Bermondsey, London, SE16 4DG</b>
<b>Client:</b>	<b>McLaren</b>
<b>Principal Contractor:</b>	<b>Erith Contractors Limited</b>
<b>Party Responsible for DWMP Implementation:</b>	<b>Erith Contractors Limited</b>
<b>Waste Producer:</b>	<b>Erith Contractors Limited</b>
<b>SIC Code:</b>	<b>44.999 Construction Activity</b>

## 1.2.1 Project Description

### Nature of the Work

Erith have been engaged to undertake enabling and demolition works at Block F known as the former Biscuit Factory Building, 100 Clements Road, Bermondsey, London SE16 4DG. Structural demolition will be taken from 4<sup>th</sup> to 2<sup>nd</sup> floor and the ground floor bearing slab will be removed. These works comprise structural demolition, ground floor slab, external walls and asbestos removal.

Follow on works from the demolition include pad foundation strengthening. The site is 5.4 hectares comprised of the former Peek Frean Biscuit Factory (Biscuit Factory) site and the former Lewisham and Southwark College Site (Bermondsey Campus) as well as additional land adjacent to and beneath the railway viaduct, located in Bermondsey in the London Borough of Southwark (LBS). The wider context surrounding the site is characterised predominantly by residential areas containing a mix of terraced properties and housing estates.



Figure 1 – Site Location

### 1.2.2 Summary of Main Works

Reviewing the tender information, ECL have identified the main works to be undertaken for the Biscuit Factory – Block F redevelopment as below:

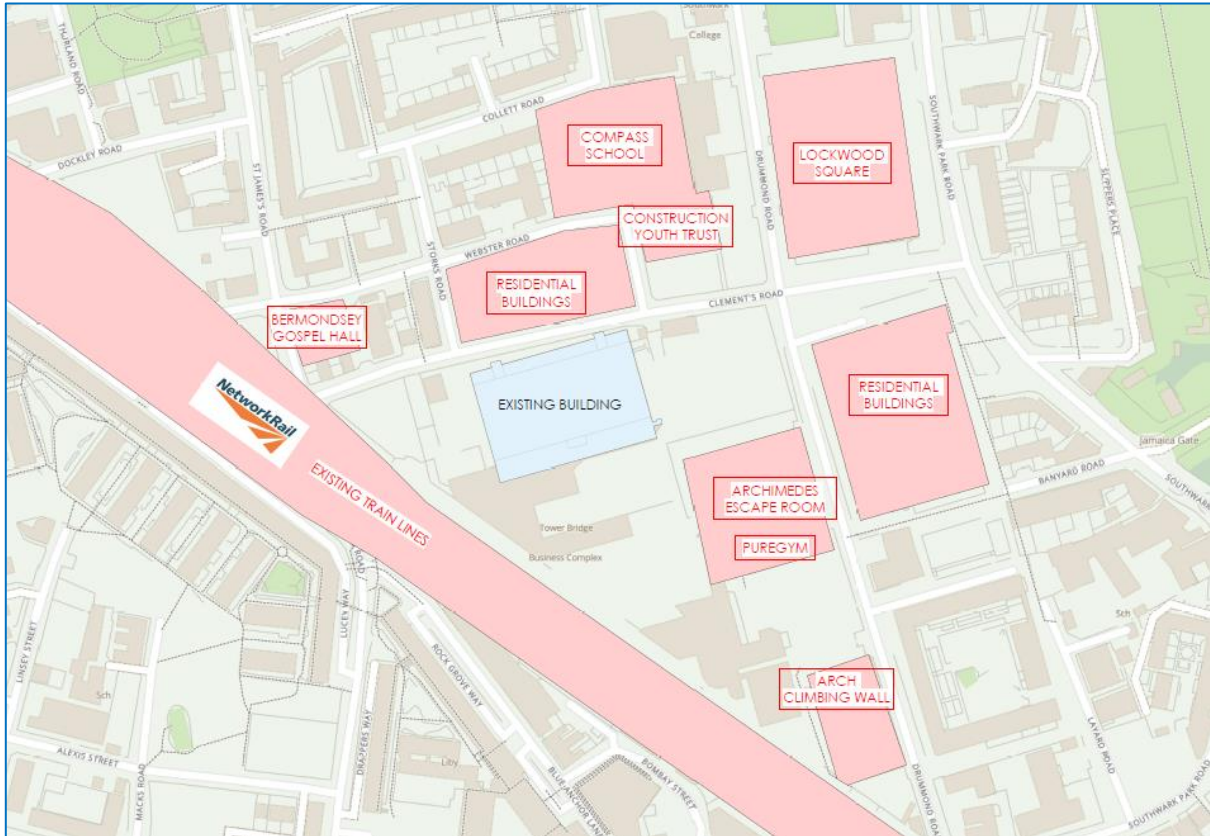
- Reduced Level Dig and Pad Foundation Strengthening

### 1.2.3 Site Constraints

The specific constraints that have been identified are included below:

- Network Rail infrastructure approx. 30m from the nearest SW corner of the building.
- Neighbouring residents to the North
- Neighbouring noise & vibration sensitive businesses to the East (“Escape Rooms” & climbing centres)
- Proximity of local school with the connection to Clement Road and Drummond Road which has a large pedestrian foot fall.
- Traffic logistics, pedestrian volumes and neighbouring deliveries.
- The project resides within the Ultra-Low Emissions Zone (ULEZ) and hence, plant and machinery will be compliant with Non-Road Mobile Machinery (NRMM) requirements of the Greater London Authority (GLA) under “LONDON'S 'LOW EMISSION ZONE' FOR NON-ROAD MOBILE MACHINERY”
- Noise, dust and vibration controls including hoarding along the perimeter of the site.
- Interfacing and sequencing work with other high-profile projects due to commence on the same development.
- Maintaining vehicle access onto the site





**Figure 2 – Neighbours**

- Bermondsey London Underground Station to the east of the site and a busy commuter station.
- Due to the nature of the works some residents and businesses may be disrupted during working hours. Erith will delegate a specific public liaison employee to keep relations with neighbouring parties. Dedicated traffic Marshals will be on hand to assist with traffic movements

### **Project Timescales**

Anticipated start date: 15<sup>th</sup> February 2024  
 Duration: 4 Weeks  
 Hours of work: 0800h – 1800h Monday-Friday  
 0800h – 1300h Saturdays

A Section 61 agreement will be developed between Southwark Council, Environmental Team and Erith Contractors Ltd will incorporate reduced noisy working hours for noisy works on a 2 hour on 2 hours off basis in line with their recommendations and current practices.

This will allow for quiet periods between 1000h – 1200h and 1400h – 1600h. Only “quiet” works can be carried out on Saturdays.

Due to the location of the works there will be a requirement to undertake works outside of the above permitted hours. These works are limited to movement of large items plant. Movement orders will be required from the local authority, TFL and police authorities.

In the event of extended working hours, dispensation will be sought from Southwark Noise Team. The local residents and neighbours will be kept up to date with site activities including being notified of out of hours working.

No noise related operations are permitted on Saturday, Sunday or Public Holidays without prior consent from Southwark Council

### Extent and location of existing records and plans

Information supplied with tender documents and within the Pre-Construction Information Plan, along with project specific information received from Client/Client’s Agent are all available in the project office.

The following further site-specific documents relating to the project will also be produced and will be held on site.

Document Details	Yes	No	N/A	Supplied By:
R&D Asbestos Survey				
Structural Survey				
Service Drawings				
As Built Drawings				
Drainage Survey				
Topographic Survey				
UXO Survey				
Habitat Survey				
Ecological Survey				
Permits and Authorisations				

## 1.2.4 Communication and Management of the work

### Management Structure and Responsibilities

The Director responsible for safety has overall responsibility for the Quality, Health, Safety, Environmental and Equality policies.

The Board of Directors have appointed Director, Tony Darsey, as having responsibility for Quality, Health, Safety, Environmental and Equality matters within the Company.

Tony Darsey has delegated his responsibilities to Chris Turok-Hallam, as Group Health, Safety & Environmental Director. He co-ordinates all Quality, Health and Safety, Environmental and Equality activities within the Company, reviews as necessary and reports to the Board of Directors at regular intervals.

A nominated person will undertake the role of Site Safety Supervisor. The Site Safety Supervisor role encompasses the overall on-site implementation and monitoring of safety procedures and health and safety issues.

The duties of the Site Safety Supervisor may be delegated but the responsibility will remain with the nominated person at all times. The Site Safety Supervisor should be available for briefings and any necessary safety liaison with the client at all times.

## 1.3 Project Targets

The project will, as a minimum, target the BREEAM excellent target for diversion of demolition / construction waste from landfill, unless specified otherwise.

**>90% by weight of non-hazardous waste diverted from landfill.**



It is believed this is achievable with the careful selection of waste management contractors and careful site controls.

There is always the potential for unknown/unexpected materials to be found on site which may not be able to be diverted from landfill due to changes to waste acceptance and reprocessing. This document does not account for these eventualities.



All activities will take place in line with the waste hierarchy to ensure that we maximise waste minimisation, re-use and recycling from the asbestos removal processes.

However, under this plan, Erith intend to divert material from landfill apart from asbestos or un-treatable hazardous wastes where treatment is not technically feasible or where treatment would not reduce its quantity or the risk to people's health or the environment.

#### 1.4 Training and Communication

Relevant training regarding this DWMP and waste management on site will be carried out via inductions, toolbox talks and other training i.e., duty of care awareness.

Compliance with the plan and performance against targets will be discussed at meetings.

Erith will comply with the procedures set out within our Standard Operating Procedure (SOP) *SOP03 - Training* and *SOP 12 – Induction Training*.

Specific training needs will be identified and provided for all personnel involved in work activities that could result in an adverse impact on the environment. The training will include reference to the importance of adhering to the contents of the DWMP and the potential consequences of departure from specified method statements. All Operatives shall have the appropriate **Asbestos Awareness Training** and **Manual Handling Training**.

Project Management Team will be trained in DWMP and supporting management plans. Error! Reference source not found. shall be completed and maintained to evidence training.

Health, Safety & Environmental training in the form of toolbox talks will also be undertaken on site, evidence of which (along with all other training) will be maintained on record as part of the Erith project management system.

## 1.5 Site Inductions

Prior to commencing work on site, all personnel will undergo a site induction, where Erith will communicate the environmental objectives, requirements, and responsibilities to the workforce. Site Rules will detail site personnel's obligations while on site. This will introduce accountability for personnel working on the Project.

The site induction and training shall cover relevant parts of the following DWMP areas to a level of sufficient detail for the workforce:

- Site rules
- Emergency Response Procedures
- Spill kit use and locations
- Material storage
- Waste Segregation and Storage

## 1.6 Toolbox Talks

In addition, Erith will establish a regime of toolbox talks such that every employee receives a health, safety & environmental briefing as appropriate. Records must be kept of toolbox talks carried out, and of who attended them.

Requests for new/specific toolbox talks can be made to the Environmental & Sustainability Team.

# 2 Construction Waste Management Plan

## 2.1 Resource and Waste Management on Site

Throughout Erith's activities on site, we will look to maximise the reuse and recycling of construction waste,

1. Non-hazardous waste materials including construction and excavation waste.
2. Accurate data records on waste arisings and waste management routes.
3. Meet or improve upon the benchmarks for non-hazardous construction waste, excluding demolition and excavation waste.
4. Meet, where applicable, the diversion from landfill benchmarks for non-hazardous construction waste and demolition and excavation waste generated.
5. Sort waste materials into separate key waste groups either on-site or through a licensed contractor for recovery.

Erith will ensure that resources are managed in such a way so that they are not over ordered, damaged or enter the waste streams.

Waste will be stored and sorted into segregated waste streams on site where space and logistics allows. If this is not possible, Erith will utilise properly licensed waste management contractors who are able to ensure high levels of segregation and diversion from landfill off-site.

Section 4.1 sets out the proposed waste management streams and areas on site. If unable to segregate on site this will detail the restrictions and proposed off-site segregation method.

The above waste targets will be recorded on SMARTWaste software (accredited by BRE) and regularly monitored by the Environmental and Sustainability team.

## 2.2 Waste Monitoring

All waste and associated tickets will be reported on a monthly basis via Erith's Ezone waste log. This will allow checking of compliance, waste levels and diversion rates against what was expected at that stage of the project. Regular monthly reviews and audits will be carried out, by the SHEQ Team, both on site, and of the associated paperwork.

High levels of diversion from landfill will be attained by using audited waste management contractors who can demonstrate high levels of compliance and high historic diversion rates.

The waste log will be used to update the actual figures within this DWMP.

## 2.3 Waste Minimisation

Non-hazardous resources and waste minimisation practices are set out in the following table and will be updated when this plan is reviewed and as the project phases change.

Erith will minimise hazardous waste from our activities by following the requirements of our Sustainable Procurement Policy. Where possible hazardous materials will be replaced by non-hazardous products.

The following table will be developed further prior to project start.

Project Phase	Waste Minimisation Idea	Carried Out By	Intended Results
Excavation, Demolition, Enabling Works / Asbestos Waste Removal	Source Materials from Local Suppliers	Erith	Reduces the transport requirements and associated impacts.
	Ensure site layout allows for appropriate waste management	Erith	Increase segregation, increasing re-use, recycling and diversion rates
	Careful selection of waste management contractors and regular audits	Erith	Increased re-use and recycling to maximise diversion from landfill. Where possible this will avoid "downcycling" of materials
	Utilise Quality Protocols and other legislation	Erith	Where possible this will ensure material does not become a

			waste and is reused prior to entering waste streams. Soils, concrete and inert will be reused (e.g. crushed concrete slab materials for the piling mat.) Metals recycled
	Source materials with Responsible Sourcing certification (ISO14001, BES6001) and recycled content	Erith	Minimise virgin resource use and only use sustainable suppliers.
	Source timber from FSC and PEFC sources	Erith	Ensure timber is from sustainable sources
	Packaging take-back scheme	Erith	Reduce the production of new packaging items
	Avoid over-ordering of materials and arrange take-back where not all required	Erith	Reduce disposal of excess material
	Appoint a waste champion	Erith	Focus of the champion on site: to educate and improve waste management
	Train operatives regarding method statements, procedures and waste management	Erith	Ensure the DWMP and waste procedures are followed
	Designated material and waste storage areas	Erith	Ensure materials and waste are kept separate; and segregation of waste is maintained
	Maintain good housekeeping on site	Erith	Stop damage to retained features; and creating excess waste
	Re-use protection, site barriers, signage, temporary lighting	Erith	Re-use protection to avoid disposing of material that can be re-used.
	Diversion from landfill	Erith	Segregation techniques are applied and reduce cross-contamination to an absolute minimum.

## 2.4 Waste Segregation and Storage

**The Waste Champion will monitor the following aspects of waste / waste storage:**

- Prevention of pollution to air, water, or environment. Protects flora and fauna, ecosystems, residents and interested parties.
- Ensure that waste is secure, thereby preventing the theft of waste, resources or materials and safe from intrusion from the ongoing works.
- Store away from drains, interceptors or where not viable, ensure that drains will be protected.
- Hazardous wastes will be segregated in line with current best available technologies and company risk assessments and method statements in line with current legislation, regulation and sector guidance.
- Liquid waste is stored and managed appropriately.

- All containers will be clearly labelled, including European Waste Codes, and protected from the elements and fly-tipping.
- Waste is stored for a short period of time as possible (no longer than 12 months). Aim is to have minimum waste stored on site or in lay-down areas. Designated waste container storage areas will be confirmed before works commence and will be shown on a site plan in line with current legislation, regulation, and sector guidance.
- Waste is segregated in accordance with segregation requirements of the Waste Hierarchy (1.5).
- Waste containers are inspected periodically to ensure they remain fit for purpose. This includes on-Site storage, loading/unloading to or from a transport vehicle and transportation by public road as applicable.

## 2.5 Waste Management

A designated secure waste compound will be provided on site. Proposed locations for storing materials prior to disposal will be included within the task specific Method Statements, including dedicated waste containers for segregation of wastes.

Erith will ensure that the temporary on-site waste lay-down area will be supervised and suitably secured to control depositions and removal of waste.

Wind-blown litter will be prevented using suitable waste storage containers and all site personnel will ensure that there is no unauthorised mixing of wastes or overfilling of waste containers.

## 2.6 Storage and packing of asbestos containing materials waste

Asbestos removal and disposal will be conducted by ECL's Asbestos Division (the Asbestos Licence Holder). All activities will be carried out in accordance with the Method Statement. The Control of Asbestos Regulations 2012 (CAR2012) apply.

Encountered ACM's will be bagged, sealed with tape, prior to spraying and placing inside a second bag, sealed again with appropriate industry tape and clearly marked "Asbestos Waste". The first bag shall be red, the second shall be clear and both bags must be UN-approved standard.

Asbestos waste will be stored and transported in closed vehicles or a sealed lockable skip container.

## 2.7 Dealing with unknown waste – not identified on CWMP

If an unknown waste is found, which has not been identified on the CWMP the following procedure must be followed:

- Operatives to stop works, and secure area
- Report finding to Erith Contracts Manager



- On confirmation of the waste type an EWC Code can be assigned, the waste designated and the CWMP updated. Lessons Learned section in the CWMP should be completed.

## 2.8 Waste Classification

It is required that waste is classified, and hazardous properties are identified.

The classification:

- must be determined before the waste is moved, disposed of, or recovered
- must be included on waste documents and records
- determines the controls that apply to the movement of the waste
- is needed to identify a suitably authorised waste management option

Erith will employ the seven-step procedure for waste classification and a WM3 assessment. Technical Guidance WM3<sup>1</sup> aims to assess any potential hazards in the waste itself and ensures a duty of care around the safe handling of waste.

First three steps used to classify waste:

1. Check if the waste needs to be classified
2. Identify the code or codes that may apply to the waste
3. Identify the assessment needed to select the correct code

Steps to assess the waste:

4. Determine the chemical composition of the waste
5. Identify if the substances in the waste are 'hazardous substances' or 'Persistent Organic Pollutants'
6. Assess the hazardous properties of the waste
7. Assign the classification code and describe the classification code

Followed by the four types of 'class' under which waste may be categorised:

- Absolute Non-Hazardous
- Absolute Hazardous
- 'Mirror' Hazardous; and
- 'Mirror' Non-Hazardous

All asbestos waste is defined as 'hazardous waste' in England and Wales when it contains more than 0.1% asbestos.

HazWasteOnline can be used to complete Waste Classification Assessments.

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<sup>1</sup> <https://www.gov.uk/government/publications/waste-classification-technical-guidance>

## 2.9 Waste Wood Guidance

Waste wood may have been treated with or contaminated during its life with hazardous chemical preservatives (or other oils or chemicals) in concentrations that can have an impact on human health and the environment if not correctly handled and disposed of. Many of these preservative treatments and contaminants are not visibly identifiable.

By law, waste wood must be assessed for hazardous properties in accordance with technical guidance WM3 (see 2.9 Waste Classification), and then classified by production process using the appropriate European waste catalogue (EWC) code. ALL WASTE WOOD SHOULD BE CONSIDERED HAZARDOUS UNLESS PROVED TO BE NON-HAZARDOUS.

The flow chart below (Figure 2) will guide you through the type of action that is required for wood, where wood falls into "may be Hazardous" category.

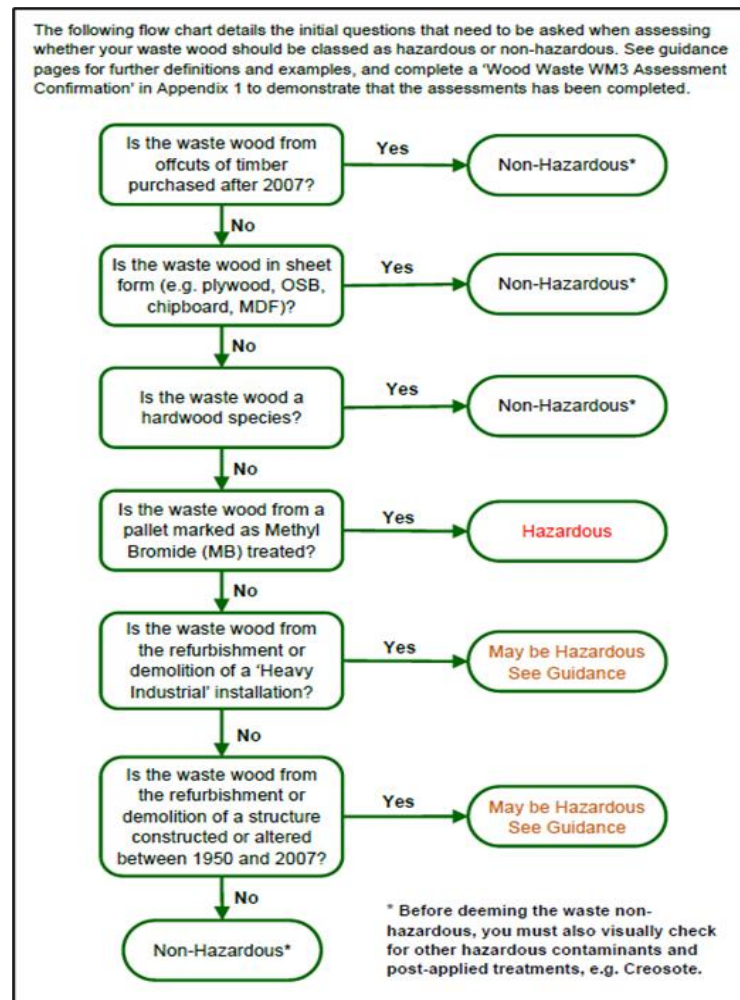


Figure 3 - Waste Wood Guidance

An assessment must be completed for waste wood on site to show evidence of the wood's hazardous properties, if any. Dependent on the age of the timber you should check if the waste wood is likely to be hazardous or non-hazardous. Please refer to Table 1 & Table 2 for information related to this.

All wood should be graded into 4 classes – Grade A: clean, untreated waste wood (non-Hazardous, clean, untreated) – Grade B: Business waste wood (non-Hazardous, treated) – Grade C: Municipal Waste Wood (non-Hazardous, treated) and Grade D: Waste Wood (Hazardous, treated). Sites should segregate all wood into the different grades on site, prior to it being removed from site. If the waste wood is believed to be non-hazardous the WM3 Assessment confirmation form must be completed (DWMP Appendix D) - a link to the form is available: [https://ezone.erith.com/DMS/view\\_document.aspx?ID=3006518&Latest=true](https://ezone.erith.com/DMS/view_document.aspx?ID=3006518&Latest=true)

For further guidance please refer to Wood Waste Guidance 2021<sup>2</sup> – or contact a member of the Environmental and Sustainability team.

## 2.10 Transferring Waste

Waste containing asbestos must be consigned under the relevant waste rules which include a "duty of care". That duty of care means, amongst other things, that duty holders prevent escape of the waste whilst it is in their control. All movements must be accompanied by a hazardous waste consignment note. The Control of Asbestos Regulations 2012 (CAR2012) apply.

To prevent the illegal transport of waste by others, the chosen Contractors (and their sub-contractors) must comply with Duty of Care requirements. Waste carriers appointed by Erith will be required to supply Erith with the appropriate Duty of Care documentation necessary to transport waste legally.

These details should be recorded in the DWMP and will include:

- Validity of Waste Carrier's Registration Certificate (Carrier's Licence).
- Identification of Disposal Site(s), Registered Name and address, Site Address, Permit Number.

Periodic (6-monthly) duty of care checks should be undertaken to ensure that waste contractors have valid authorisation and to check:

- Any changes to the Waste Facility's Permit (e.g., a new Permit Variation)
- Any changes to the Waste Facility's operations (e.g., the site is closed)
- Waste Carrier/Broker details remain the same in the [Environment Agency's Public Register](#).

All waste leaving the site will be accompanied by a Waste Transfer Note (WTN) (non-hazardous) or Hazardous Waste Consignment Note (HWCN) (see Appendix C). All duty of care paperwork will be retained by the project and uploaded to Ezo

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<sup>2</sup> [WRA-Waste-Wood-Assessment-Guidance-V2-November-2021.pdf \(woodrecyclers.org\)](#)

## 3 Producing Site-Won Recycled Aggregates

### 3.1 Quality Protocol: Aggregates from Inert Waste

The Quality Protocol sets out end of waste criteria for the production and use of aggregates from inert waste. If the criteria is met, the aggregates will normally be regarded as having been fully recovered and to have ceased to be waste. A quality protocol identifies the point at which waste, having been fully recovered, may be regarded as a non-waste product that can be used in specified markets, without the need for waste management controls.

Aggregates will be produced in accordance with product standard BS EN 13242.

The following items are in place before the activity:

- Factory Production Control (FPC) in place
- Acceptance procedures for the concrete, brickwork and hard blockwork
- Inspection and testing regime defined (1 sample per 500m<sup>3</sup>)

Erith will maintain records including the waste origin and description, sampling and testing records and quality statement that the materials have been produced under the Quality Protocol.

### 3.2 Waste Treatment - Use of mobile plant on site

A mobile crusher and screener will be used on site to reduce the volume of concrete and brick demolition material produced and to process the material to a specification to enable it to be reused on-site or exported. The owner or operator of the plant is responsible for ensuring it has the necessary Part B authorisation (also referred to as local authority pollution prevention and control (LAPPC)). A notification must be submitted to the local authority who issued the part B authorisation and the local authority where the work is being undertaken. A copy of the notification must be retained on site.

### 3.3 Use of recycled aggregate

Compliant recycled material could be reused on site to backfill all voids and trenches.

Any surplus material can be removed from site as recycled aggregate. Non-compliant aggregate or unprocessed inert waste will be transferred to an offsite authorised waste facility as a waste material.

#### 4 Waste Forecasting and Management Options

To be reviewed The following is a list of waste streams and estimated quantities to be considered, dependent on-site activities and scope of works.

<i>Key Group</i>	<i>Sub Group</i>	<i>EWC</i>	<i>Description</i>	<i>Predicted Volume (m<sup>3</sup>)</i>
<b>Concrete</b>	<i>Concrete</i>	17 01 01	<i>Concrete slab crushed</i>	<b>&lt;50</b>
<b>Soils</b>	<i>Soil and Stone</i>	17 05 04	<i>Soil and Stone</i>	<b>&lt;100</b>
<b>Hazardous</b>	<i>Mixed hazardous materials</i>	17 09 03*	ACM	<b>tbc</b>

Crushed Material generated from the Demolition Phase of Works will be utilised where required.



#### 4.1 Duty of Care - Register of Licence Carriers & Waste Facilities

To be completed once waste management contractors are confirmed. All waste companies will be pre-approved through our procurement process to ensure that all carrier licences and waste management permits are valid for the waste streams they will receive.

Waste Carrier Licence Check					
Name of Waste Carrier		Registration Number	Date checked with EA / SEPA (dd/mm/yyyy)	Expiry Date (dd/mm/yyyy)	
Erith Contractors Ltd					
Erith Haulage Ltd					
Augean South Ltd					
O'Donovan Waste Disposal Ltd					
Waste Disposal Site Licence/Exemption Check					
Name and Address of Disposal Site	Licence/Exemption Type	Material Type	Details of Exempt Activity (if exemption applies)	Date checked with EA (dd/mm/yyyy)	Expiry Date (if exemption applies) (dd/mm/yyyy)
East Northants Resource Management Facility, Stamford Rd, Kings Cliffe, Peterborough. PE8 6XX		Contaminated soils	N/A		N/A
European Metal Recycling, Manor Road, Erith. Kent. DA8 2AD		Metals	N/A		N/A
Erith Contractors Ltd - Anchor Bay, Manor Rd, Erith. Kent DA8 2AW		Asbestos Waste	N/A		N/A
Veolia Pitsea Marshes, Basildon. Essex. SS16 4UH		Soils	N/A		N/A

Land & Water Rainham Marshes, Coldharbour Lane, Rainham. Essex RM13 9YQ		Soils	N/A		N/A
O'Donovan Waste Disposal Ltd - 100a, Markfield Rd, Tottenham, London. N15 4QF		Mixed C&D	N/A		N/A
Asbestos Waste Solutions 27a Oliver Close, Grays. Essex. RM20 3EE		Asbestos Waste	N/A		N/A
Biffa Waste Services Cormongers Lane, Nutfield. Surrey. RH1 4ER		Hazardous Waste Landfill	N/A		N/A

#### 4.2 Waste Data Log

Waste data log will be held on Ezone (Example shown in Figure 3) and on the SMARTWaste platform where this will be updated. Data is based on waste tickets, invoices and HWCN Part E returns from our waste management contractors. This log is a computer-based spreadsheet detailing all the relevant information for each load removed from site. This is formulated as part of Erith's Integrated Management System (IMS), Ezone. Output from the Waste Log is reviewed at progress meetings, audited by the SHEQ Team and a hard copy (an Excel spreadsheet) can be produced for the verification document where this is required.

Month	Date Left Site On	Site	Area	EWC Code	Description	Consignment Note	Physical Form	Weight Tns	Quantity	Disposal Site	D or R Code No.	Container Size	Haz/Non Haz	D/ R	Carrier	Consigner
January	21/01/2019	Wilton	Central Control	170201	Wood	1234	solid	2	1	Biffa insertsite name	R03	Skip	NH	R	Biffa	John Smith

Figure 4 -Excel waste log templat

### 4.3 Project Performance

<b>Total Waste Generated to Date:</b>			
<b>Demolition Waste Diversion from Landfill Percentage:</b>			
<b>Total Waste Re-used:</b>			%
<b>Total Waste Recycled:</b>			%
<b>Total Waste Recovered:</b>			%
<b>Total Waste Disposed:</b>			%
<b>Total Energy from Waste</b>			%

Table 1. Project Performance Review - Actual vs Estimated.

Work Package	Waste Type	EWC Code	Estimated Amount m <sup>3</sup> or t	Actual Amount m <sup>3</sup> or t	Notes
<b>e.g. Asbestos Removal</b>					
<b>Overall Totals:</b>					

### 4.4 Final Review

This section will be completed within 3 months of Erith's works being completed on this project.

This section will discuss:

- How successfully the DWMP has been implemented.
- Details of any changes
- Estimated Cost Savings
- Lessons Learnt

<b>Contractor Signature -</b>	<b>Print Name -</b>	<b>Date -</b>

We confirm that this DWMP has been monitored and updated on a regular basis and that this review has been completed within 3 months of project finish.

## Appendix A – Erith Environmental Policy

### ENVIRONMENT & SUSTAINABILITY POLICY STATEMENT

The Directors of Erith have produced the following statement of policy in respect of the environment and sustainability. In accordance with our duties under current environmental legislation and guidance, and in fulfilling our obligations to the environment, employees, regulators and interested parties who may be affected by its activities:

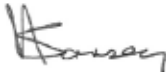
We undertake to discharge our statutory duties by:

- Complying with applicable legal requirements, industry and regulator best practice and guidance and with other requirements to which the company subscribes regarding the protection of the environment.
- Implementing a certified environmental management system (ISO14001) that allows our operations to track, report and minimise our impacts on waste, resource use, biodiversity, carbon, and emissions.
- Identifying the environmental risks our activities entail and implementing appropriate preventative and protective measures, while considering new opportunities and technologies to improve our operations.
- Setting business operation targets in relation to Environmental and Sustainable performance
- Preventing environmental incidents through regular inspections, reporting, and through "Near Miss" and positive observation reporting.
- Embedding sustainability in our decision-making process to provide sustainable solutions for clients, the community, and the environment.
- Recruiting and developing personnel with appropriate skills and knowledge. We will maintain their competence through training, CPD and membership of corporate environmental bodies (IEMA, BREEAM etc)
- Promoting environmental and sustainability awareness and good practice through effective communications, ensuring all employees are aware of their individual environmental and sustainability responsibilities.
- Ensuring that environmental protection, sustainability and reducing our impact on climate change will not be compromised by other objectives.
- Ensuring waste is correctly managed according to the waste hierarchy and optimum reuse and recycling rates achieved.
- We will create Sustainable Procurement Pathways to ensure plant and materials adhere to highest environmental standards (EPD, FSC, BES6001) certification.
- Improving resource efficiency and circularity, by incorporating good practice examples from previous projects including salvage and re-use of materials.
- Providing sufficient resources to ensure the intent of this policy is achieved.

All employees are encouraged to contribute actively towards achieving a workplace that minimises impacts to the Environment and seeks to reduce climate changing emissions. We will promote and share opportunities to progress Environmental change, in order to pursue continual improvement from year to year.

Our environment and sustainability policy will be reviewed annually to monitor its effectiveness and to ensure that it remains relevant and appropriate. we will

Signed for and on behalf of the Executive Board:



Steven Darsey  
Company Chairman  
25/09/2023 (maximum review period 1 year)



## Appendix B – Erith Sustainable Procurement Policy.

### SUSTAINABLE PROCUREMENT POLICY STATEMENT

Erith is committed to the procurement of products and services in an environmentally, sustainable, and socially responsible way; working with our supply chain to source products and services with integrity and care and develop greater understanding and diversity; while ensuring value for money for the company, our customers, and the supply chain. This sustainable procurement policy is an integral part of our wider sustainability strategy and is supported by our other policies including environment and sustainability policy, corporate social responsibility policy, anti-slavery and human trafficking, quality policy and health, safety, and wellbeing policy.

Our procurement process for materials, plant and other services will support our objective to be a more sustainable organisation. We will recognise and develop our supply chains and continue to develop positive relationships. We will understand and measure our impacts to the environment from these relationships.

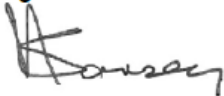
- **Healthy materials** - We are committed to proactively selecting and using, where possible, materials that are non-polluting and non-toxic including low and Volatile Organic Compound (VOC)-free products. We will seek to substitute materials that can potentially be harmful to health and the wider environment.
- **Renewable fuels** - Erith actively encourage the use of alternatively powered vehicles and plant, biogas and sustainably produced biodiesel and electricity. We will invest in appropriate technologies and source alternatively powered equipment where these can support our overall objectives and are viable for our business needs.
- **Timber** - All timber products supplied will be certified as ethically and sustainably sourced meeting FSC, PEFC or government timber procurement standards. In addition, where viable, Erith will give preference to the use of re-used/re-claimed timber and timber products which are also assured as 'Grown in Britain' from renewable sources. This is extended to our procurement of paper, which should also be 100% recycled and chlorine free where possible.
- **Responsibly sourced products** - Erith will seek to procure products that have been certified as responsibly sourced, such as those certified BES6001 (Responsible Sourcing of Construction Products). If applicable we will also procure products certified by a member of Fairtrade Labelling Organisations International (FLO) or other ethical sourcing bodies, where they represent value for money and do not compromise other objectives. Alternatives will be sought to prevent the purchase of single-use plastics, such items include disposable cutlery, plates, cups.
- **Circular Economy & Resource Efficiency** – We will minimise waste and use of materials and give preference to materials, products, and services with greatest circular-economy benefits. Where possible Suppliers and Subcontractors should provide us with all relevant documents relating to the embodied carbon of the products and services provided, either in the form of a Life Cycle Analysis (LCA), Environmental Product Declaration (EPD) or carbon analysis and provide any relevant data so we can assess the impact of the product or service.
- **Supplies of Recycled Aggregates** - Must be in full compliance of the duty of care requirements of the Waste Management Regulations or the Aggregates Quality Protocol end of waste criteria.
- **Assured steel certification** - All reinforcement manufacturers, processors and suppliers shall hold a valid CARES Steel for the Reinforcement of Concrete scheme Certificate of Approval. All reinforcement shall be fully traceable and comply with the relevant standards as appropriate.
- **Labour and sub-contract support** - Erith will seek to procure services and sub-contract support that do not support modern day slavery, illegal employment and unethical behaviours. All providers will be reviewed for compliance with our sustainability goals prior to engagement and will be required to help us meet these objectives.

- **Tools and equipment** - We will endeavour to source environmentally friendly tools and equipment where possible or practicable to do so. Alternative materials, that provide a more positive sustainable impact will be prioritised. Where practicable, we will repair, re-use and re-distribute rather than dispose of and re-purchase. We will continue to drive innovation in partnership with our suppliers.
- **Publications and other printed materials** - Erith wishes to minimise the use of printed publications and other printed materials and as such, favours the use of electronic publications and information, use of video and tele-conferencing facilities and the use of our Ezone digital system for project management. We will ensure that individuals requiring the use of these methods are provided with appropriate software and hardware.
- **Buildings** – We will continue to identify the latest energy saving technologies to apply to our infrastructure and temporary welfare; endeavour to develop further utility reductions; and reduce our reliance on higher energy using infrastructure and continue to work with our supply partners to achieve this.
- **Disposal, recycling, re-use (“off-takers”)** - We will work with our off-taker community to identify the most energy efficient, compliant, and local facilities to reduce carbon impact in transport of waste and materials to these facilities.
- **Vehicle & plant** - We will procure plant, machinery, and vehicles in compliance with current legislation, carbon reduction statement and in anticipation of future requirements, such as the Non-Road Mobile Machinery Regulations (NRMM) and Ultra Low Emissions Zone (ULEZ) . We will continue to work with our suppliers to maintain knowledge of new technologies to drive efficiencies.
- **Supply Chain Carbon Emissions** - We will work with our supply chain partners to report and reduce embodied carbon in materials they supply to us.

We ensure that all members of our procurement team receive training on sustainable procurement and sustainability. As a Partner of the Supply Chain Sustainability School extensive learning opportunities are available to all employees and supply chain.

This policy has been approved by the board and will be reviewed annually by the SHEQ and procurement departments and amended as necessary.

*Signed for and on behalf of the Executive Board:*

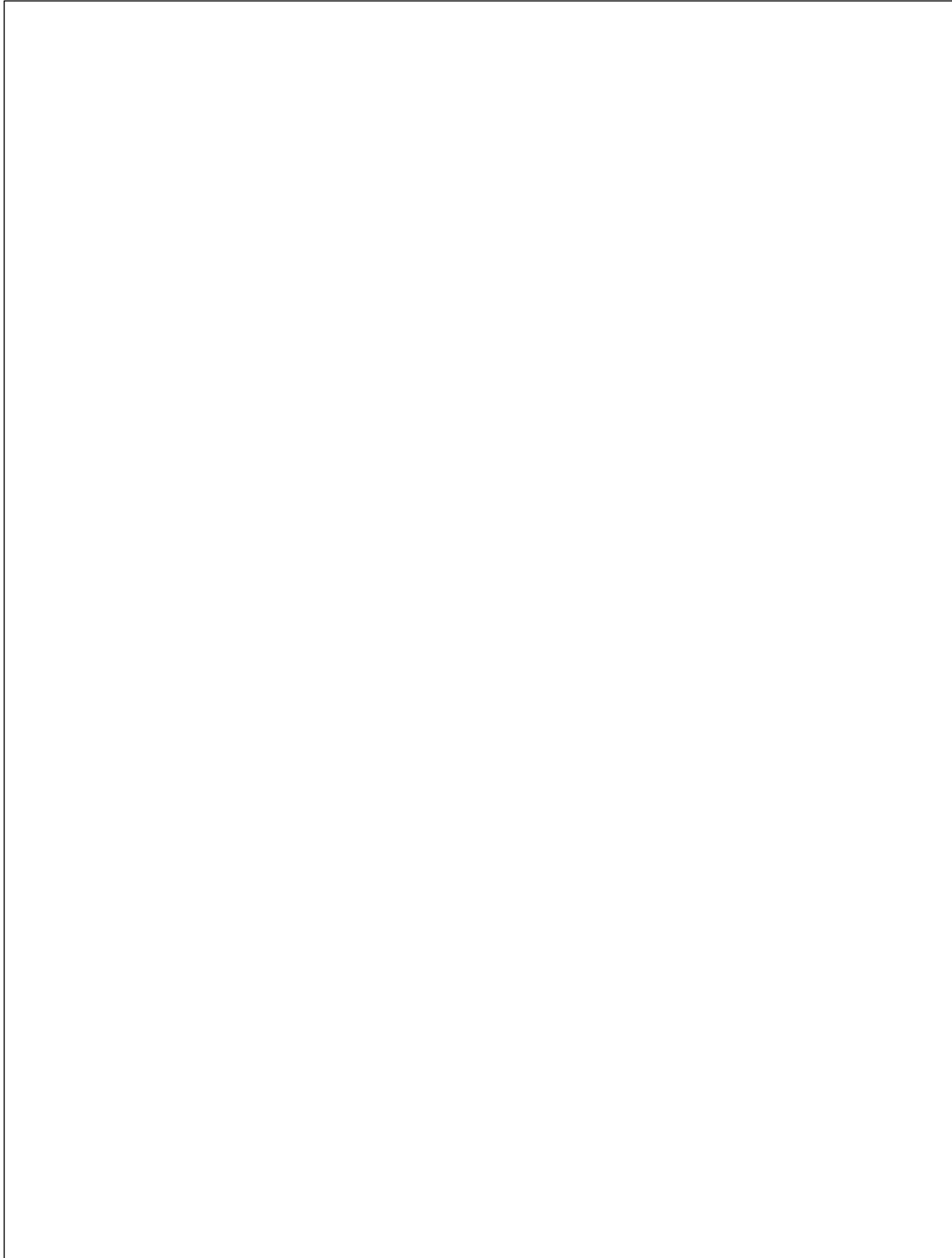


**Steven Darsey Company Chairman**

25/09/2023 (Maximum review period 3 years)

## Appendix C – Waste Management Designated Areas

Plan of Designated Waste areas - TBC



## Appendix D – Duty of Care Controlled Waste Transfer Note / HWCN templates

### Duty of care: waste transfer note Keep this page and copy it for future use. Please write as clearly as possible.

#### Section A – Description of waste

A1 Description of the waste being transferred

\_\_\_\_\_

\_\_\_\_\_

List of Waste Regulations code(s)

\_\_\_\_\_

A2 How is the waste contained?

Loose  Sacks  Skip  Drum

Other  \_\_\_\_\_

A3 How much waste? For example, number of sacks, weight

\_\_\_\_\_

#### Section B – Current holder of the waste – Transferor

By signing in Section D below I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the Waste (England and Wales) Regulations 2011 Yes

B1 Full name

\_\_\_\_\_

Company name and address

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Postcode \_\_\_\_\_ SIC code (2007) \_\_\_\_\_

B2 Name of your unitary authority or council

\_\_\_\_\_

B3 Are you:

The producer of the waste?

The importer of the waste?

The local authority?

The holder of an environmental permit?

Permit number \_\_\_\_\_

Issued by \_\_\_\_\_

Registered waste exemption?

Details, including registration number

\_\_\_\_\_

A registered waste carrier, broker or dealer?

Registration number \_\_\_\_\_

Details (are you a carrier, broker or dealer?)

\_\_\_\_\_

#### Section C – Person collecting the waste – Transferee

C1 Full name

\_\_\_\_\_

Company name and address

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Postcode \_\_\_\_\_

C2 Are you:

The local authority?

C3 Are you:

The holder of an environmental permit?

Permit number \_\_\_\_\_

Issued by \_\_\_\_\_

Registered waste exemption?

Details, including registration number

\_\_\_\_\_

A registered waste carrier, broker or dealer?

Registration number \_\_\_\_\_

Details (are you a carrier, broker or dealer?)

\_\_\_\_\_

#### Section D – The transfer

D1 Address of transfer or collection point

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Postcode \_\_\_\_\_

Date of transfer (DD/MM/YYYY) \_\_\_\_\_

D2 Broker or dealer who arranged this transfer (if applicable)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Postcode \_\_\_\_\_

Registration number \_\_\_\_\_

Time(s) \_\_\_\_\_

Transferor's signature \_\_\_\_\_

Name \_\_\_\_\_

Representing \_\_\_\_\_

Transferee's signature \_\_\_\_\_

Name \_\_\_\_\_

Representing \_\_\_\_\_

Figure 1. Controlled Waste Transfer Note ([Environment Agency Template](#))



**The Hazardous Waste Regulations 2005:  
Consignment Note**

**Erith**  
CONSIGNOR COPY

PART A Notification details							
1. Consignment note code: <input style="width: 100%;" type="text"/>		4. The waste will be taken to (name, address and postcode):					
2. The waste described below is to be removed from (name, address, postcode, telephone, e-mail, facsimile).						5. The waste producer was (if different from 2) (name, address, postcode, telephone, e-mail, facsimile):	
3. Premises code (where applicable): <input style="width: 100%;" type="text"/>							
						Contract No. <input style="width: 100%;" type="text"/>	
PART B Description of the waste							
1. The process giving rise to the waste(s) was: <input style="width: 100%;" type="text"/>				2. SIC for the process giving rise to the waste: <input style="width: 100%;" type="text"/>			
3. WASTE DETAILS (where more than one waste type is collected all of the information given below must be completed for each EWC identified)							
Description of waste	List of wastes (EWC code)(6 digits)	Quantity (kg)	The chemical/biological components of the waste and their concentrations are:		Physical form (gas, liquid, solid, powder, sludge or mixed)	Hazard code(s)	Container type, number and size
			Component	Concentration (% or mg/kg)			
The information given below is to be completed for each EWC identified							
EWC code	Packing group(s)	UN identification number(s)	Proper shipping name(s)	UN class(es)	Special handling requirements		
PART C Carrier's certificate				PART D Consignor's certificate			
(If more than one carrier is used, please attach schedule for subsequent carriers. If a schedule of carriers is attached tick here. <input type="checkbox"/> ) I certify that I today collected the consignment and that the details in A2, A4 and B3 are correct and I have been advised of any specific handling requirements. 1. Carrier name: PRINT DRIVER <input style="width: 100%;" type="text"/> On behalf of (name, address, postcode, telephone, e-mail, facsimile):				I certify that the information in A, B and C above is correct, that the carrier is registered or exempt and was advised of the appropriate precautionary measures, all of the waste is packaged and labelled correctly and the carrier has been advised of any special handling requirements.  I confirm that I have fulfilled my duty to apply the waste hierarchy as required by Regulation 12 of the waste (England and Wales) Regulations 2011. 1. Consignor name: PRINT <input style="width: 100%;" type="text"/> On behalf of (name, address, postcode, telephone, e-mail, facsimile):			
2. Carrier registration no./reason for exemption:  3. Vehicle registration no. (or mode of transport, if not road): <input style="width: 100%;" type="text"/> Signature <input style="width: 100%;" type="text"/> Date <input style="width: 50%;" type="text"/> Time <input style="width: 50%;" type="text"/>				Signature <input style="width: 100%;" type="text"/> Date <input style="width: 50%;" type="text"/> Time <input style="width: 50%;" type="text"/>			
PART E Consignee's certificate (where more than one waste type is collected all of the information given below must be completed for each EWC)							
Individual EWC code(s) received	Quantity of each EWC code received (kg)	EWC code Accepted (A) Rejected (R)	Waste management operation (R or D code)				
1. I received this waste at the address given in A4 on: Date <input style="width: 50%;" type="text"/> Time <input style="width: 50%;" type="text"/> 2. Vehicle registration no. (or mode of transport if not road): <input style="width: 100%;" type="text"/> PRINT Name: <input style="width: 100%;" type="text"/> On behalf of (name, address, postcode, telephone, e-mail, facsimile):							
3. Where waste is rejected please provide details:  I certify that waste management licence/permit/authorised exemption no(s). <input style="width: 100%;" type="text"/> Signature <input style="width: 100%;" type="text"/> Date <input style="width: 50%;" type="text"/> Time <input style="width: 50%;" type="text"/>							
authorises the management of the waste described in B at the address given in A4.							

HAZI

White copy - CONSIGNOR Pink copy - CLIENT Yellow copy - CARRIER Blue copy - CONSIGNEE

Figure 2. Hazardous Waste Consignment Note (HWCN) Erith Template

## Appendix E – Wood Waste WM3 Assessment Confirmation

### Appendix 1 – Wood Waste WM3 Assessment Confirmation

This assessment is to be completed for each project / load as applicable.

Waste Producer (Transferor): .....

Project Address: .....

Waste Carrier / Disposer (Transferee): .....

Waste Transfer Note no. (if applicable): ..... Date: .....

The construction and demolition wood waste for the above Project / Waste Transfer Note\* has been assessed against the requirements of WM3 'Guidance on the classification and assessment of waste' in accordance with the 'Waste Wood Assessment Guidance for the Construction and Demolition Sectors' and includes the following: (\* Delete as applicable)

**Non-hazardous waste not requiring additional test information.** (Please ✓)

Structural softwood timber produced prior to 1950 or from 2008 onwards. (E.g. timber frame, floor joists, roof trusses and rafters, tiling battens).	
Softwood external joinery produced prior to 1950 or from 2008 onwards. (E.g. doors, door frames, window frames, soffit, fascia or barge boards).	
Softwood external cladding (from any era) (E.g. machined softwood cladding, waney edge cladding).	
Softwood internal joinery and first fix (from any era) (E.g. doors, screens, architraves, flooring, skirting, wall studs, stair parts).	
Hardwood internal or external joinery (from any era) (E.g. doors, screens, window frames, architraves, skirting, flooring, stair parts).	
Sheet material (from any era) (E.g. plywood, OSB, chipboard, MDF)	
Engineered timber (from any era) (E.g. Glulam beams, CLT panels, LVL).	
Internal furniture (from any era) (E.g. kitchen units and worktops, wardrobes, loose furniture)	
Garden timber deemed non-hazardous, and not treated with creosote. (E.g. softwood prior to 1950 or from 2008 onwards, fence panels, hardwood)	
Packaging and transportation timber produced from 1989 onwards and not treated with Methyl Bromide. (E.g. pallets, cable drums)	
Temporary works timber (E.g. hoarding timbers, formwork)	

**Non-hazardous waste requiring additional test information.** (Independent laboratory test results confirming timber is non-hazardous is to be attached to this assessment confirmation).

Structural softwood timber produced between 1950 and 2007. (E.g. timber frame, floor joists, roof trusses and rafters, tiling battens).	
Softwood external joinery produced between 1950 and 2007. (E.g. doors, door frames, window frames, soffit, fascia or barge boards).	
Garden timber deemed potentially hazardous (E.g. Softwood fence posts and decking produced between 1950 and 2007 or treated with creosote)	
Softwood, hardwood and sheet material from heavy industrial demolition sites.	

Signed: ..... Print Name: .....  
(on behalf of Waste Producer)

## Appendix F – BREEAM Credits Targeted

TBC



## Appendix G – CWMP Training Register

Training Register			
Construction Waste Management Plan			
Record / Version No:		Instructor:	
Attendees:			
	Name	Signature I have read and understood this method statement and will not deviate from it	Date
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
Operative Feedback and Suggestions			
If you have any comments or ideas on better methods of working, then write them here and discuss them with the instructor			