

Appendix 4.1: Outline CEMP

**Project Excellence, Land at Wiggs Farm, Station Road,
Coalville**

Barberry Bardon Limited

Environmental Statement

Appendix 4.1: Outline

Construction

Environmental

Management Plan

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1. Introduction

1.1 Overview

- 1.1.1 This Outline Construction Environmental Management Plan (oCEMP) has been prepared by Envance to support a full planning application by Barberry Bardon Limited (the Applicant) for the construction of a new Pall-ex distribution centre (B8 Use) (Proposed Development) at land off Station Road, Coalville, Leicestershire (the Site). This Outline CEMP forms Appendix 4.1 of the Environmental Statement (ES) which accompanies the planning application. Details of the Proposed Development can be found within the ES (Volume 1) and the design and Access Statement which accompanies the Planning Application.
- 1.1.2 The aim of this document is to provide framework demonstrating how the construction phase mitigation set out in the ES could be controlled post-consent via a pre-commencement planning condition. This document therefore would be updated when the timing of construction is known, methods, selected contractor etc.

1.2 Purpose

- 1.2.1 The purpose of this Outline CEMP is to provide a framework that outlines how the Applicant and any contractor appointed to the project will manage, and where practicable, minimise negative environmental effects during the construction of the Proposed Development. Construction is considered to include all site preparation, enabling works, materials delivery, materials and waste removal, construction activities and associated engineering works.
- 1.2.2 This Outline CEMP identifies the minimum requirements with regard to the appropriate mitigation, monitoring, inspection and reporting mechanisms that need to be implemented throughout construction. Compliance with this Outline CEMP does not absolve the Contractor or its sub-contractors from compliance with all legislation and bylaws relating to their construction activities.
- 1.2.3 This Outline CEMP has been produced as part of the planning application for consent to ensure compliance with legislative requirements and the Environmental Statement (ES) that has been prepared for the Proposed Development.

1.3 Approach

- 1.3.1 This Outline CEMP will provide a framework which aims to address the following:
- outline the programme for environmental management during construction;
 - implement the monitoring and mitigation measures identified throughout the ES during construction;
 - describe the principles and minimum standards required of the Contractor during the development of the Detailed CEMP (and associated Method Statements) throughout construction;
 - identify the relevant roles and responsibilities for developing, implementing, maintaining and monitoring environmental management; and
 - outline the procedures for communicating and reporting on environmental aspects of the Proposed Development throughout construction.
- 1.3.2 This Outline CEMP outlines the likely types of construction methods, plant and equipment which may be used by the Contractor appointed in order to enable their impacts to be



assessed for the purposes of determining whether to grant planning permission.

- 1.3.3 This Outline CEMP may require updating prior to the commencement of any construction activities. The Contractor will be required to produce and submit a more Detailed CEMP that is cognisant of the proposed construction activities, equipment and plant usage and environmental monitoring plan for the Proposed Development. The Detailed CEMP will be specific, targeted, and consist of stand-alone plans developed to support the detailed design and construction methodologies established during the next phase of the Proposed Development. The Detailed CEMP will be provided to Hinckley and Bosworth Borough Council (HBBC) for consultation and approval in advance of any construction works on-site.
- 1.3.4 The Contractor is required to develop a Detailed CEMP that:
- is in accordance with the mitigation measures specified in the ES and this Outline CEMP and any amendments identified as necessary through the consultation period;
 - is in accordance with any conditions that may be prescribed as part of the Consent(s) for the Proposed Development and any required permits;
 - aligns with the design and construction details described in the ES to ensure there is no material change in terms of significant effects on the environment; and
 - where practicable, the Contractor should seek to identify opportunities for further reducing significant negative environmental effects and to implement best practice in as far as reasonably practicable.



2. Environmental Policy

- 2.1.1 A contractor will be appointed that recognises the environmental impacts associated with the Proposed Development and will be committed to continually improving its environmental performance. The aims of the Outline CEMP for the construction of the Proposed Development are summarised below:
- to meet the requirements of all relevant environmental legislation, agreements, authorisations and commitments;
 - to fulfil all environmental undertakings and obligations of the Contractor;
 - to adopt working practices that will achieve good environmental practice on-site;
 - to make sub-contractors and suppliers aware of the environmental constraints and opportunities of the Site and follow any necessary procedures in order to ensure good environmental practice;
 - to identify the responsibilities of staff and contractors in achieving good environmental practice on-site;
 - to mitigate the effects of the construction works on businesses, highway users and the general public;
 - to promote operative health and wellbeing during the works with suitable welfare facilities that take cognisance of future climate change risk factors; and
 - to assist in the development of the environmental management system, not only for the requirements of this project but for future use.
- 2.1.2 All personnel involved in the Proposed Development are required to understand and implement the requirements of this Outline CEMP and any subsequent CEMP documentation.



3. Environmental Management Framework

3.1 Overview

- 3.1.1 The Contractor awarded to the Proposed Development will be required to comply with the relevant documentation outlined in the ES, including the planning conditions and statutory consents received from Council, this Outline CEMP and subsequent Detailed CEMPs.
- 3.1.2 As part of the environmental management framework, contractors will need to comply with all relevant environmental legislation and consider and implement where necessary published standards, accepted industry practice, national guidelines and codes of practice appropriate to the Proposed Development at the time of construction. Furthermore, guidance and advice provided by ISO14001 standard and Construction Industry Research and Information Association (CIRIA) guidance will be considered as required.
- 3.1.3 An Environmental Management System (EMS) which follows the principles of ISO14001 will be required to be developed and implemented by the Contractor. This EMS should include operational, monitoring and auditing procedures, and an environmental policy to ensure compliance with all environmental requirements and to monitor compliance with environmental legislation and the environmental management provisions outlined in the relevant documentation.

Employer

- 3.1.4 Barberry Bardon Limited will be the employer responsible for ensuring that competent parties are appointed to undertake construction and that sufficient resources are made available to facilitate the appropriate management of risks to the environment. The Employer may require a representative to be appointed to the project to assist in monitoring the compliance with the Outline and Detailed CEMP. The employer's representative may be required to appoint temporary or permanent specialists with appropriate skills and experience to implement on-site procedures and monitor construction on behalf of the employer, including ecology, and noise and vibration. This appointment will be of the discretion of the Barberry Bardon Limited.

Site Manager

- 3.1.5 The Contractor will appoint a site manager to oversee the day-to-day management of activities within the Proposed Development and will ensure construction activities are undertaken in a safe and effective manner to the highest possible standard. The site manager will be a suitably qualified, competent and experienced professional who will provide effective communication with construction staff, oversee site logistics, accommodate project-specific inductions for staff on-site and ensure all activities are compliant with the relevant health and safety legislation and design standards.

Environmental Co-ordinator

- 3.1.6 An environmental coordinator will be appointed by the Applicant or the appointed contractor to manage and implement the obligations set out in this Outline CEMP and subsequent Detailed CEMP. The Environmental Coordinator will be based on-site and will ensure the Contractor is meeting their responsibilities with respect to the environment and will act as the point of contact for queries or complaints from HBBC and general public.
- 3.1.7 The Environmental Coordinator will be responsible for all environmental activities relating to the Proposed Development and will report to the Contractor. Their duties will involve the



following:

- management of the environmental aspect of the project;
- manage on-site activities to avoid significant environmental effects;
- review, update and maintain the Detailed CEMP;
- act as the main point of contact on environmental issues between the regulatory authorities (Environment Agency and HBBC) and the project;
- act as the main point of contact between the local community and the project;
- liaise with the Ecological Manager and Ecological Clerk of Works for the project;
- develop and deliver the environmental training for site personnel and contractors, including induction and toolbox talks;
- promote best practice procedures;
- assisting with the development of procedures that highlight the emergency response to environmental incidents;
- management of the monitoring programme, including noise, ecology, landscape and visual, and dust including identifying the need to bring in specialists where needed; and
- environmental incident monitoring and reporting.

3.2 Communication Procedures

- 3.2.1 The Contractor will take reasonable steps to engage with stakeholders in the local community impacted by the Proposed Development, including HBBC and nearby residents. Communication will be undertaken at an appropriate level and at a suitable frequency throughout construction. Where environmental issues arise and require communication, the environmental coordinator will be informed. For members of the public, the appropriate channels of engagement and points of contact with the project team will be made available prior to the commencement of construction and displayed around the working areas, specifically the Site access point off Station Road.
- 3.2.2 An emergency contact list will be established and made available to all construction staff employed. The contact list shall be displayed prominently on-site as well as at suitable locations where construction activity is being carried out around working areas. The contact list will include key environmental representatives that may need to be contacted in the event of an incident.
- 3.2.3 A process will be established for the handling of all enquiries, including complaints. All enquiries will be recorded and logged and will include details of the response and action taken. This record will need to be maintained and be made available upon request for inspection from Council. All enquiries, whether a query or a complaint, will be dealt with in a timely manner.
- 3.2.4 The Contractor is to make the public aware of the on-site activities and maintain suitable lines of communication throughout the project. The Contractor may appoint a Community Liaison Officer contractor for duration of the works and act as the point of contact for stakeholders.



4. Environmental Management Procedures

4.1 Training, Awareness and Competence

4.1.1 A site induction will be provided to all construction staff prior to the commencement of construction activities. All staff will be required to complete the induction before commencing work. Where necessary, the Contractor will identify specific training needs for the construction workforce and will ensure that appropriate training requirements are fulfilled. An Environmental Training and Awareness Programme will be established which will provide a baseline level of environmental awareness through the site induction and the key environmental considerations and objectives of the Site. Specifically, site inductions will cover the following as a minimum:

- introduction to the Environmental Manager;
- description of the CEMPs and consequences of non-compliance;
- the requirements of due diligence and duty of care;
- overview of conditions of consents, permits and licences;
- requirements associated with community engagement and stakeholder consultation;
- identification of environmental constraints and notable features within the Site including any ecological sensitivities and timing restrictions; and
- procedures associated with incident notification and reporting including procedures for dealing with damage to the environment.

4.1.2 All induction and training will be recorded and will be made available to the Employers Representative and/or Environmental Coordinator. To ensure construction staff have an adequate knowledge of environmental issues, community relations and environmental control procedures, regular site briefings and talks will be conducted.

4.2 Meetings

4.2.1 Regular meetings may be required throughout the construction period between the Contractor, Site Manager, Environmental Coordinator and environmental specialists to discuss environmental matters and ensure effective coordination.

4.3 Monitoring, Inspections and Audits

4.3.1 During construction of the Proposed Development, the environmental performance of the Contractor will be monitored through site inspections and audits. The timings for monitoring, inspections and audits will be specified in the contract and may include internal inspections and independent external audits.

4.3.2 Mitigation and monitoring will occur in line with the requirements in the ES and the EIA Regulations (2017) to ensure construction activities occur in a manner that will not give rise to new significant effects. Monitoring programmes will be developed, implemented and assessed in accordance with the specification outlined in the Detailed CEMP. The results of the monitoring will be reviewed by the Environmental Coordinator on a regular basis to identify trends and exceedances, and corrective actions developed if necessary.

4.3.3 Routine inspections will be conducted by the Environmental Coordinator to ensure all necessary environmental measures relevant to construction are being effectively implemented. Inspections will be documented and recorded. The employer may request that



the Environmental Coordinator carry out a monthly inspection of the environmental documentation and provide a report with their findings. Their findings would look to assess compliance with the Detailed CEMP, results of the monitoring programme, non-conformities and incidents, complaints and queries and the environmental training undertaken to date.

- 4.3.4 External audits allow an independent auditor to advise on compliance with applicable environmental regulatory requirements, the efficiency of the environmental management approaches used, and recommendations for reducing identified environmental risks. A regulatory and statutory body may also undertake site visits to monitor compliance against the legislative and regulatory requirements. The Environmental coordinator will complete an audit to assess conformance of the EMS, the schedule for which will be provided in the Detailed CEMP. For nonconformities, the auditor will prepare a Corrective Actions Report to describe and record the findings of the non-conformance and an audit report.

4.4 Incident response

Corrective Actions

- 4.4.1 When a non-conformance is identified during monitoring, inspections or audits, corrective actions will be implemented to rectify the issue. An investigation will be undertaken to identify the cause, appropriate remedial measures will be implemented as soon as practicable to prevent further exceedances, and if required, the appropriate statutory authority and stakeholders will be notified. The Detailed CEMP will be updated to reflect any new measures introduced to the project.
- 4.4.2 As described in Section 4.3.4, a Corrective Actions Report will then be prepared to describe the cause and effect of a non-conformance and describe the recommended corrective action that is required to remedy it.

Emergency Incidents

- 4.4.3 Emergency incidents are those occurrences that give rise to significant negative environmental effects. These may include:
- failure of any mitigation measure and/or environmental protection system;
 - any emission that does not comply with the requirements of the contract and relevant licences;
 - any circumstance with the potential for environmental pollution; or
 - any emergency that may give rise to environmental or ecological effects (e.g. significant spillages or fire outbreak).
- 4.4.4 During construction of the Proposed Development, all effort will be made to prevent pollution incidents associated with spills. Pollution incidents, including oil and fuel spillages, may occur on-site and an emergency response procedure is required in the event of such an incident. The Detailed CEMP will provide the required procedure in the event of an environmental incident occurring on-site. The incident must then be reported, recorded and investigated in accordance with the procedures described above in 'Corrective Actions'.
- 4.4.5 Emergency incident response procedures and an Emergency Incident Response Plan will be outlined in the Detailed CEMP and used to govern the management of emergency incidents. The Emergency Incident Response Plan will contain emergency phone numbers and the method of notifying local authorities, statutory authorities and stakeholders. Contractors will



be required to adhere to and implement these procedures and ensure that all staff and personnel on-site are familiar with the emergency arrangements. The Contractor will consult with the relevant statutory authorities, stakeholders and relevant parties when preparing and developing response measures, and if a sensitive receptor is impacted, the appropriate environmental specialists will be informed and consulted.

4.5 Good Housekeeping

4.5.1 A good housekeeping policy will be employed on-site at all times during construction of the Proposed Development. This policy will include, but not limited to, the following requirements:

- cleanliness of welfare facilities and storage areas, and general maintenance of working areas;
- a site layout map which will show key areas including first aid posts, material storage, spill kits, material and waste storage, welfare facilities etc;
- all plant, material and equipment required for construction work is maintained in good order, and remains clean and tidy;
- keep construction compounds, access routes and designated parking areas free and clear of excess dirt, rubbish piles, scrap wood etc. at all times;
- details of site managers, contact numbers and public information signs will be provided at the boundaries of the working areas;
- provision of adequate welfare facilities for site personnel;
- each working area to install appropriate security, lighting, fencing and hoarding;
- effective prevention of oil, grease or other objectionable matter being discharged from any working area;
- provision and regular collection of appropriate waste management at each working area;
- excavated material generated during construction will be reused on-site as far as practicable and surplus materials and soil will be recovered or disposed of to a suitably authorised waste facility site;
- effective prevention of infestation from pests or vermin will be introduced. If infestation occurs, appropriate action to eliminate and prevent further occurrence must be undertaken;
- maintenance of wheel washing facilities and other contaminant measures must be undertaken where required at each working area;
- no discharge of site runoff or water discharge without agreement of the relevant authorities;
- less intrusive noise alarms which meet safety requirements may be used to reduce the requirement of traditional alarms;
- maintenance of entry/exit areas around working areas for pedestrians, cyclists and vehicles where practicable and to achieve inclusive access;
- all loading and unloading of vehicles will take place off the public highway (Station Road) wherever this is practicable; and



- material handling and/or stockpiling of materials will be appropriately located to minimise exposure to wind. Water misting or sprays should be used as required if particularly dusty activities are necessary during dry or windy periods.

4.6 Hours of Working

4.6.1 General hours of working, construction deliveries and operation of plant or machinery will be as follows unless otherwise agreed with the LPA:

- 07:30-18:00 h Monday-Friday
- 08:30-13:00 h Saturday
- No site work will be undertaken on Sundays or on Bank Holidays

4.6.2 Works should be undertaken during daylight hours only and vegetation clearance and ground preparation works should be outside of the breeding bird season (March to August inclusive), unless overseen by the appointed Ecological Clerk of Works (ECOW). If lighting is required during construction, the following best practice measures should be implemented to avoid impact on nocturnal species such as bats which will likely be present:

- keep lighting downward facing;
- lighting should be low wattage to minimise the amounts of unnecessary 'bleed' of light beyond the area of required lighting;
- ensuring lighting is a warm/neutral colour temperature (<4,200 kelvin), avoiding blue-light bulbs or bulbs with high UV content; and
- ensuring lighting is proportionate to use, and be kept to a minimum, illuminating the required areas only.
- lighting will be switched off when not required for safety or security;
- lighting will be provided with the minimum luminosity sufficient for safety and security purposes and directed downwards away from residential areas. Specifically, lighting equipment will be installed to minimise the spread of light near to or above the horizontal;
- wherever practicable, floodlights with asymmetric beams will be used;
- motion sensor lighting and low energy consumption fittings will be installed to reduce usage and energy consumption; and
- all lighting related to the works will be designed and fitted to minimise light intrusion onto any sensitive habitat;

4.6.3 Working outside of the construction core working hours may be required in exceptional circumstances. Work outside core hours will be agreed to with HBBC in advance and consideration will be given to nearby sensitive receptors. In the case of emergency activities or activities which if not completed would be unsafe or harmful to workers, the public or local environment, HBBC will be informed of reasons and likely duration and timing outside of core hours.

4.7 Site Security

4.7.1 The Contractor will be responsible for implementing any necessary additional security measures to maintain a safe and secure construction environment. The following measures may be used to prevent unauthorised access:



- install CCTV and alarm systems where required. CCTV/systems will not be directed into occupied residential properties;
- installing durable fencing around the Site perimeter to prevent unauthorized access minimize safety risks, and protect materials, equipment, and personnel. Fencing should meet local regulatory standards and be sufficient to withstand weather conditions typical to the area;
- provide adequate security guards and patrol if required;
- when there is no site activity, close and lock site gates and set appropriate site security provisions in motion;
- consult with neighbouring properties and local crime prevention officers; and
- prevent access to restricted areas and neighbouring properties by securing equipment on-site such as scaffolding and ladders.

4.7.2 In addition to the above points, the Contractor will place clear, visible signage at all entry points and along the fence line, indicating restricted access, safety requirements, and emergency contact information. Signs should direct visitors to designated entry points and clearly mark hazards or restricted zones within the Site to enhance safety for both workers and the public.

4.7.3 Further security enhancements may include lighting at critical locations, especially near access points and storage areas, as well as surveillance cameras to monitor activity after hours. The Contractor will review and amend security measures periodically in response to any changes in site layout, construction stages, or identified risks. These precautions will help ensure the integrity and safety of the construction-site throughout the project duration.

4.7.4 Hoarding or fencing will be established around each working area prior to construction commencing in that area. The hoarding/fencing will be required to be c. 1.8 m high although this will be confirmed through the Detailed CEMP. It will act as a barrier to those that have not received the appropriate training or those who are unfamiliar with construction operations. Site hoarding will also provide a buffer for noise emissions, screening of visual impacts and buffer for dust emissions.

4.8 Welfare Facilities

4.8.1 The Detailed CEMP will outline the location of welfare facilities, as agreed to by HBBC. The welfare facilities will be provided for construction staff and site personnel and will include locker rooms, toilets, showers and other users.

4.9 Health and Safety

4.9.1 The Contractor would be required to ensure all relevant health and safety, fire safety and security requirements are in place prior to construction commencing in accordance with their legal obligations. All works will be undertaken in compliance with the Health and Safety at Work etc Act 1974, applicable Guidance Notes and Approved Codes of Practice, in addition to the specifications of HBBC.



5. Environmental Management

5.1 Introduction

- 5.1.1 This section of this Outline CEMP describes the specific environmental requirements identified as part of the EIA process that will need to be adhered to by the Contractor and be included within the Detailed CEMP. This section will provide a summary of minimum requirements that should be incorporated by the Contractor when producing the Detailed CEMP. It is intended that the measures set out herein will be discussed in more detail with relevant stakeholders as required in order to support the identification of any additional measures to be taken account of during construction.

5.2 Traffic and Transport

- 5.2.1 The Contractor will ensure that all construction parking is kept within the boundary of the Site, including the provision for delivery laybys and waiting areas. This will ensure no construction traffic will obstruct the local road network. Construction traffic entering and leaving the Site will be closely managed and monitored.
- 5.2.2 A managed delivery strategy will be adopted which avoids where possible deliveries to Site in peak periods. When deliveries are required in peak periods, the network AM peak hour occurs between 08:00 and 09:00 h and the PM peak hour occurring between 17:00 and 18:00 h, consent will be obtained from HBBC. In terms of deliveries to Site based on working hours, the hours of 08:00-09:00 h and 15:00-16:00 h will be avoided to not coincide with school trips and a higher number of vulnerable road users using the road network. HGV delivery hours will be limited wherever possible with no movements associated with the construction phase taking place within the vicinity of the Site during unsociable hours. Similarly, consideration will be given to vehicle movements associated with the removal of soils, and the route and timing of these vehicle movements to minimise risk and disturbance to neighbouring residential areas and businesses.
- 5.2.3 The following will be implemented by the Contractor to ensure safe vehicle movements and to minimise environmental impact:
- deliveries to the Site will be managed and monitored to mitigate the flow and quantity of construction traffic and deliveries with the aim to eliminate any congestion or build-up of site traffic outside the footprint of the Site boundary;
 - a maximum speed limit of 15 mph on surfaced and 10 mph on un-surfaced haul roads and work areas will be imposed and described in the detailed Traffic Management Plan; and
 - adequate parking will be provided to avoid queuing at the Site entrances and prevent disruption to neighbouring businesses. Construction vehicles will not be allowed to park on the public road either outside the Site or on any of the approach roads leading to the Site.
- 5.2.4 The following will be implemented by the Contractor to minimise environmental impact:
- all trucks entering and exiting the Site will be covered with tarpaulin;
 - all trucks entering the Site will be restricted to suitable speed limits and will be directed to the relevant area by the Site Manager;
 - trucks required to wait on-site will switch off engines to avoid unnecessary fuel usage and noise;



- the access/entrance to the Site will be kept clean and all trucks exiting the Site will be required to pass through a wheel wash located within 30 m from Station Road. A lance will be provided to clean down the bodies and sides of the truck prior to leaving site;
- roads outside the Site will be visually inspected on a daily basis and power swept and washed as and when required;
- all site staff including truck drivers will be required to abide by the normal rules of the road;
- the Contractor will prepare a detailed Construction Traffic Management Plan (CTMP) covering all construction stages that takes into account other potential construction works in the area;
- suitable precautions will be taken to prevent the spread of mud and debris on the public highways. Regular inspections of Station Road shall be carried out; and
- risks associated with the transport of soils that are potentially containing contaminants will be appropriately managed. Wherever possible, these materials if found will be reused on-site or removed if required using a licensed waste carrier.

5.2.5 A CTMP will be developed for the project detailing deliveries, including abnormal loads, regular commuting, public transport options, parking, restrictions detailed in any local planning agreement or Section 61 consent, out of hours working and with the view to minimising local congestion and impact on local roads. Furthermore, the CTMP will describe the construction traffic routes to and from the Site, details of their signing, monitoring and enforcement measures, along with the location of parking for contractors and construction workers.

5.2.6 The CTMP will demonstrate the location of Contractor's compound and method of moving materials, plant and equipment around the Site and access and protection arrangements around the Site for pedestrians, cyclists and other road users during construction. The CTMP will require agreement with both HBBC and North West Leicestershire District Council.

5.3 Air Quality

5.3.1 Air quality matters from construction will be controlled by applying measures taken from the Institute of Air Quality management (IAQM) guidance on the assessment of dust from demolition and construction. Table 5.1 outlines the appropriate measures implemented to minimise dust emissions to be included in the Detailed CEMP as a minimum.

Table 5.1: Dust emissions measures

	Measure
Site management	The Contractor will record all dust and air quality complaints, identify causes, take appropriate measures to reduce emissions in a timely manner, and record the measures taken. The complaints log shall be made available to the local authority when requested. The Contractor will also record any exceptional incidents that cause dust and/or air emissions, either on or off site, and the action taken to resolve the situation in the log book.
Monitoring	The Contractor will carry out regular site inspections to monitor compliance with the IAQM guidance, record inspections results, and make an inspection log available to the local authority when requested.



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	The contractor will increase the frequency of site inspections by the person accountable for air quality and dust issues on-site when activities with a high potential to produce dust are being carried out and during prolonged dry or windy conditions.
Preparing and maintaining the Site	The Contractor will plan the Site layout so that machinery and dust causing activities are located away from receptors, as far as possible. The Contractor will erect solid screens or barriers around dusty activities or the Site boundary that are at least as high as any stockpiles. The Contractor will fully enclose site or specific operations where there is a high potential for dust production and the Site is active for an extensive period. The Contractor will avoid site runoff of water or mud. The Contractor will keep site fencing, barriers and scaffolding clean using wet methods. The Contractor will remove materials that have a potential to produce dust from site as soon as possible, unless being re-used on-site. If they are being re-used on-site cover, seed, or fence stockpiles to prevent wind whipping.
Operating vehicle/machinery and sustainable travel	The Contractor will ensure all vehicles switch off their engines when stationary – no idling vehicles. The Contractor will avoid the use of diesel- or petrol-powered generators and use mains electricity or battery-powered equipment where practicable. The contractor will impose and signpost a maximum-speed-limit of 15 mph on surfaced and 10 mph on un-surfaced haul roads and work areas.
Operations	The Contractor will only use cutting, grinding or sawing equipment fitted or in conjunction with suitable dust suppression techniques such as water sprays or local extraction, e.g. suitable local exhaust ventilation systems. The Contractor will ensure an adequate water supply on the Site for effective dust/particulate matter suppression/mitigation, using non-potable water where possible and appropriate. The Contractor will use enclosed chutes, conveyors and covered skips. The Contractor will minimise drop heights from conveyors, loading shovels, hoppers and other loading or handling equipment and use fine water sprays on such equipment wherever appropriate. The Contractor will ensure equipment is readily available on-site to clean any dry spillages, and clean up spillages as soon as reasonably practicable after the event using wet cleaning methods.
Measure specific to construction	The Contractor will avoid scabbling (roughening of concrete surfaces), if possible. The Contractor will ensure sand and other aggregates are stored in bunded areas and are not allowed to dry out, unless this is required for a particular process, in which case ensure that appropriate additional control measures are in place.
Measures specific to trackout	The Contractor will use water-assisted dust sweeper(s) on the access and local roads, to remove, as necessary, any material tracked out of the Site. This may require the sweeper being continuously in use. The Contractor will avoid dry sweeping of large areas. The Contractor will ensure vehicles entering and leaving the Site are covered to prevent escape of materials during transport.

5.3.2 The Detailed CEMP will expand further on the measures required for dust emissions. Other appropriate control measures to mitigate dust emissions to be provided on-site, where required by the Contractor, will include:



- spraying of exposed earthwork activities and site haul roads during dry weather;
- haul roads will, where practical to do so, be constructed of crushed hardcore products. The haul roads will be maintained for the duration of their use to minimise any build-up of loose spoil etc. and any soft spots;
- mobile water bowzers and sprayers will be available on-site as required to damp down unpaved haul roads and working areas in order to suppress construction related dusts;
- wagons that are to be used for the haulage of any contaminated material from the Site will be appropriately sealed or sheeted to prevent the release of fugitive dust;
- an adequate supply of water will always be maintained on-site to allow for dust suppression activities to be carried out at short notice;
- air quality and dust monitoring stations will be set up as required and monitored by the principal contractor to record the dust concentrations during the works; and
- with regards to any stockpiles on-site, the following control measures may be introduced:
 - stockpiles will be dampened down or covered to prevent dust, whilst the final choice shall be made by the Contractor based on-site constraints. The options available include covering with plastic / polythene membrane, or by a layer of clean soil material;
 - plant will be appropriately loaded to prevent spillages;
 - stockpiles will be kept to a minimum to reduce 'wind whip' causing potentially hazardous material to be blown from the pile;
 - the drop distance from excavator bucket to stockpile / process plant shall be kept as short as reasonably practicable to reduce dust;
 - appropriate signage shall be displayed so that site workers / visitors are alerted to the potential hazards associated with the material to be stored on-site; and
 - roadways within the Site will be kept moist by spraying from a water bowser.

5.3.3 A wheel wash facility will be manned within 30 m of the Site entrance. It will be located on hard standing sufficiently sized to allow vehicles to carry out one full wheel revolution whilst within the wheel wash area, allowing the entire circumference of the tyre to be washed. Surface run off from washing areas can contain high levels of pollutants such as detergents, oil and fuel, suspended solids and antifreeze. Aggregates removed from the drain design, specifications of which will be described in the Detailed CEMP, will be disposed of as contaminated waste in accordance with waste management regulations.

5.3.4 Plant and machinery will be serviced regularly to ensure that exhaust fumes are compliant with best practice and relevant regulations.

5.4 Noise and Vibration

5.4.1 Site works located in residential and other locations can create noise nuisance to neighbours and the general public, as well as posing an occupational risk. The presence of sensitive receptors will be identified and the necessary control measures implemented. The Contractor plans to minimise noise through the use low vibration methods and silenced equipment



machinery when breaking up hardstanding areas to the building E footprint.

5.4.2 If increases in noise are considered excessive, control measures will be adopted. Where possible noisy operations must be programmed for times when the least perceived nuisance will occur. Where construction noise emissions create an impact to local population, consideration will be given to mitigating the effect of noise, including:

- Best Practice Means (BPM), as defined in the control of Pollution Act 1974, will be adopted throughout the construction phase;
- if necessary, working methods will be altered in order to ensure that the level of noise generated from the works are within published tolerable limits;
- the location of any plant will consider the location of neighbouring properties and other noise sensitive receptors and will be located away from these areas, where possible;
- mobile plant will be turned off when not in use;
- all machinery will be fitted with effective silencers, be subject to regular preventative maintenance and will be serviced at the required intervals. No items of plant will be operated with engine covers raised or defects;
- where earth bunding, solid site hoardings and the like are to be built and may act as a noise barrier, they should be constructed as early as possible in the construction programme; and
- the quietest possible plant that can practicably be obtained will be used for each construction task. Percussive plant should be avoided where alternative non-percussive plant is available for a given task. Construction tasks that would generate the highest noise levels to be programmed to avoid sensitive times.

5.4.3 Working hours have been outlined in Section 5.2 of this document. If any works are to be conducted outside of this time period, then they will be assessed, and the Site Manager will be notified, and any noise reduction methods will be implemented as necessary.

5.4.4 Standard construction plant / equipment will be used during all phases of the construction process. All plant items will be properly maintained and operated in accordance with the manufacturers' recommendations, so that excessive noise is minimised. Plant known to emit noise strongly in one direction should, where possible, will be orientated so that the noise is directed away from noise sensitive areas. Stationary plant such as compressors and generators will be positioned away from sensitive locations within the confines of the operational use of the equipment.

5.4.5 To establish the noise emission levels during the works, a programme of noise monitoring will be carried out for the first week of each phase of works to determine the noise levels received at the closest receptors. The principal objectives of the monitoring will be to identify if additional control measures are required. All measured noise levels will be recorded and retained on-site for the duration of the construction programme.

5.5 Landscape and Visual

5.5.1 The proposed access road has been carefully planned to minimise potential tree loss, following a route with limited tree coverage. As part of the planning application, permission is sought to remove trees, scrub and hedgerows.

5.5.2 A search of Hinckley & Bosworth Borough Council's Tree Preservation Orders (TPO) / Conservation Area Web site (11th April 2025) revealed trees within the Site are not currently



subject to Tree Preservation Order (TPO) protection and the Site is not within a Conservation Area. Before undertaking any work to any of the trees, it would be advisable to check whether either of these planning controls are in operation; if they are, it would be necessary to obtain consent (or in the case of a Conservation Area give six weeks' notice of intent) before undertaking any such work.

- 5.5.3 The retained trees will be protected from unnecessary damage during the construction process. Tree protection on development sites is of paramount importance if they are to be retained successfully. The inevitable stress caused by development near existing trees can, if provision for adequate protection is not made, be a strain that can severely damage the trees or even result in their death.
- 5.5.4 Measures are aimed to avoid or reduce impacts on existing trees and landscape during construction, including the following:
- protection of all retained existing vegetation for the duration of the construction period, including accommodation works and site demobilisation to ensure no vegetation is lost due to poor site management or construction operations;
 - replacement of any trees intended to be retained which may be lost unintentionally as a consequence of construction works;
 - strict adherence to the Site boundaries of construction and storage compounds and construction access roads, including the use of well-maintained hoardings and fencing; and
 - identify and agree details of root protection areas on-site for all retained trees and hedgerows (as identified within the Arboricultural Impact Assessment which accompanies the planning application).
- 5.5.5 Measures are aimed to avoid or reduce visual impacts during construction, including the following:
- the Site layout seeks to maximise the visual screening formed by the existing surrounding woodland and hedgerows;
 - construction-site lighting would as far as practicable be low level and/or confined to essential locations;
 - construction to be undertaken during typical daylight hours (7:30-18:00 h Monday – Friday and 08:30-13:00 h Saturday with no work on Sundays or Bank Holidays) including the HGV deliveries to site and movements of vehicles on-site;
 - all ground disturbances would be confined as far as practicable and working widths during construction operations would be restricted resulting in a minimal loss of forestry and landscape fabric;
 - boundary fencing during construction shall be supplied to protect existing retained trees and hedgerows; and
 - excavated material on-site can be formed into temporary bunds to help screen the construction activities.

5.6 Ecology

- 5.6.1 Protection and enhancement of biodiversity and ecology is a legal requirement. Specific ecological and biodiversity risk assessments have been completed, and specific controls have been developed for the surveying and monitoring of protected and/or invasive species during



the construction phase, as detailed in Chapter 11 of the ES.

Protected Sites

- 1.1.1 During construction potential negative indirect effects on Bagworth, Clay Quarry Wood Pond candidate cLWS have been identified due to sediment mobilisation/pollution events. The Detailed (CEMP) will design pollution prevention measures necessary to mitigate against pollution effects during the construction and operation of the Proposed Development which will be agreed in detailed when the contractor is appointed with the LPA and Environment Agency through granting of required consents.
- 1.1.2 The final CEMP will also detail the erection of temporary fencing to prevent accidental incursions into the Bagworth, Clay Quarry Wood Pond cLWS located and set out how construction lighting should be implemented to avoid light spill on to the habitats in this area during the construction period (see Section 5 above).

Habitats

- 1.1.3 The Detailed CEMP will set out how the retained habitats (hedgerows, woodland and trees) will be safeguarded through use of contractor information delivery and temporary fencing to minimise the risk of accidental incursions into these areas. Buffer zones around trees, hedgerows and the retained woodland are anticipated to be put in place, as per the guidance within the Arboricultural Impact Assessment report produced by Westside Forestry to accompany the planning application.
- 1.1.4 The final CEMP will also set out how construction should be undertaken following prevailing best practice guidelines regarding pollution prevention. No materials or chemicals should be stored within RPAs of retained/adjacent trees or hedgerows.
- 1.1.5 Prior to construction commencing an Invasive and Non-Native Species Management Plan (INNSMP) for the treatment and eradication of Japanese knotweed and management throughout construction will be required from an experienced contractor. All construction works should adhere to the INNSMP.

Species

- 5.6.2 Prior to the commencement of construction a suitably experienced Ecological Clerk of Works (ECoW) should be appointed to undertake the following as a minimum. It should be appreciated that wildlife is mobile and the Detailed CEMP should be written based on latest available ecological data.
- 5.6.3 Prior to any works affecting terrestrial habitat commencing, an Amphibian Reasonable Avoidance Method Statement (RAMS) should be agreed with the LPA and secured *via* planning condition to minimise impacts to common amphibians, GCN (as a precaution only) during the construction phase. This should also be included within the Detailed CEMP together with supervision by a suitably experienced amphibian ecologist (ECoW or appointed specialist) to ensure implementation of the Amphibian RAMS.
- 1.1.6 Should more than two years have passed since the assessment of suitable ponds within 250 m of the Site for GCN then an update assessment should be undertaken by a suitability experienced ecologist and if necessary, surveys undertaken to confirm the status of the Site with regard to great-crested newts.
- 5.6.4 Prior to any works affecting terrestrial habitat commencing Reptile Method Statement (RMS) should be agreed with the LPA to minimise impacts to reptiles during the construction phase.



This should also be included within the Detailed CEMP together with supervision by a suitably experienced ecologist (ECoW or appointed specialist) to ensure implementation of the method statement. Measure will include as a minimum:

- Areas that have been identified as being suitable to reptiles that are to be lost to the development must be made unsuitable for reptiles through destructive searching, thereby discouraging reptiles from using these areas and reducing the likelihood of fatalities. This requires vegetation being trimmed and removed under the supervision of an ecological clerk of works. Removal of vegetation should be undertaken during spring (March-October) when reptiles will be least affected.
 - Prior to trimming any natural/artificial reptile refugia must be removed if possible, to an area outside the proposed route.
 - The first cut must reduce vegetation to a minimum height of 150 mm. The trimmed areas should then be left for at least 24 hours so that any reptiles present can safely move out of the area.
 - A second cut will reduce the vegetation to a maximum of 20 mm above ground level.
 - The arisings should be removed from the site and placed in an area not affected by the construction.
 - A qualified herpetologist(s) will attempt to capture any reptiles that remain and release them into similar suitable habitats elsewhere or in sites already identified but not affected by the scheme. Ideally, any reptiles caught should be released into areas adjacent or very close to their site of origin (e.g. adjacent woodland).
- 5.6.5 Should more than two years have passed since the reptile survey undertaken by HLPC then an update assessment survey to confirm the status of the Site with regard to reptiles should be undertaken.
- 5.6.6 A precautionary approach is recommended that clearance of ground vegetation, including grassland, cropland, hedgerow and tree removal is undertaken outside the breeding season, thus September to February, inclusive. Any vegetation clearance works undertaken during the breeding season (1st March to 31st August) will require a nesting bird check to be undertaken by the appointed ECoW or specialist ornithologist no more than 48 hours prior to the vegetation clearance works. This will include a pre-felling survey of the access route by a barn owl licenced ornithologist is undertaken as a precaution
- 5.6.7 The Detailed CEMP will detail mitigation measures to minimise disturbances to foraging and commuting bats during the construction phase. Works requiring lighting should not take place between sunset and sunrise between April and September (the main season of bat activity). Security lighting required should be kept to a minimum, and where possible be placed on a short timer to reduce the extent of lighting on site during development. Lighting should be fitted with a directional cowl and positioned in such a way that avoids unnecessary light spill over hedgerows and woodland. Lighting outputs should be maintained at, or below, 1lux which is equivalent to twilight conditions, where practicable.
- 1.1.7 It should be appreciated that bats only require small cavities for roosting and very small roost entry gaps and bat roost may become established at any time. Bats have multiple roost sites and almost any structure/tree with suitable crevices has the potential to be utilised opportunistically by an individual bat. Prior to felling all trees should be re-surveyed by an appointed ecologist as a precaution. Felling should cease immediately if a bat is found or suspected and a licensed bat ecologist consulted for advice.
- 1.1.8 Prior to any works commencing, a pre-commencement badger survey should be undertaken



by the appointed ECoW or specialist.

- 1.1.9 Any trenches left overnight must be covered or provided with ramps to prevent animals falling into the trenches and being trapped. Excavations left overnight must be checked prior to back filling. Any open pipes left overnight must be covered.
- 5.6.8 The Detailed CEMP will detail appropriate protocol in the event a hedgehog, brown hare is found during construction. Should a hedgehog be found, it should be moved using a gloved hand to a place of safety and shelter as identified by the ECoW. Should a brown hare be found, it should be allowed to disperse on its own accord.
- 5.6.9 Prior to construction commencing a suitable Invasive and Non-Native Species contractor should provide a management and treatment plan in respect of Japanese knotweed to control the risk of spread during the construction phase and manage any infestations during the operational period.

5.7 Drainage and Hydrology

- 5.7.1 The Site is not connected to either a foul or surface water drainage system. During construction, surface water discharge will be directed through an existing surface water pipe into an off-site water body on the eastern boundary. The flows will be attenuated on site within below ground storage crates and open water bodies, to a restricted flow equal to the Qbar rate of 54.9 litres per second. A new connection will be made to the public Sewer within Station Road, as approved by Severn Trent Water under the auspice of a Developer's Enquiry Application. Foul water will be pumped to this point of connection via a rising main discharging at a peak flow of 6.6 litres. A formal Section 106 Connection shall be obtained by the Contractor appointed to the scheme.
- 5.7.2 The following measures will be applied to ensure drainage and hydrological effects are mitigated during the construction phase:
 - construction site sewage will be tankered to treatment facilities off-site;
 - water consumption on-site will be monitored so that water consumption can be managed;
 - Throughout construction activities, the foul water generated by site operations will be collected in tanks below the Contractors Accommodation and disposed of via portable tanker.
 - a programme for groundwater monitoring during construction will be defined so that the need for any dewatering can be employed where necessary and in accordance with established guidance; and
 - a phased approach will be implemented for the construction works with mitigation measures for the operational stage, such as the drainage system will be constructed as a priority to ensure that water is adequately treated prior to leaving the Site.
- 5.7.3 Construction-site drainage will be designed and implemented in accordance with best practice and the following key principles:
 - phasing of construction operations and organisation of the Site will be considered to minimise areas of exposed sediments within the development at all times;
 - provision of a drainage system that provides facilities to trap sediments before it can be moved into run off or washed from the Site;
 - facilities to remove trapped sediments from site run off prior to discharging into



surface waters shall be incorporated; and

- all soil stockpiles will be placed in bunds or within geotextile fencing, to reduce the transfer of sediment from the stockpiles into the watercourse.

5.7.4 Any earth moving and construction activity that takes place in close proximity to a watercourse will include measures for water control. These will include cut-off ditches, settling ponds and restricting activity in certain areas by temporary fencing and other delineations.

5.7.5 The Contractor will dispose of any water which may come into contact with contaminated materials in accordance with the Water Resources Act (1991) and to the satisfaction of the Environment Agency or HBBC as appropriate.

5.8 Water Quality

5.8.1 The Contractor is required to implement the following measures in relation to water quality during construction:

- provide measures where necessary to ensure that water, whether groundwater, from precipitation or any other source, does not accumulate in excavations or on sub-grades;
- adequate drainage sumps will be installed during works and cut off trenches/dewatering measures will be used as required to manage surface water run-off, to prevent any water from entering watercourses, either directly as surface water run-off, or indirectly via the surface water drainage systems;
- obtain all licences or consents required to discharge water from the Site and operate under the terms of those licences or consents;
- any free phase hydrocarbons encountered during excavations will be removed from the surface of the groundwater and treated or disposed of according to current legislation;
- if materials escape, the Contractor is to undertake (at their cost) appropriate remedial action as soon as possible; and
- surface Water generated by construction activities shall be managed by 'silt busters' following collection in temporary lagoons and/or underground tanks, thereafter, discharged to the off-site water body at a discharge rate not exceeding 54.9 litres per second. Potable water will be limited to the site cabins and any wheel wash/ specified wash down areas which will be collected and pumped to the surface water system following sedimentary treatment.

5.9 Ground Conditions

5.9.1 The following measures will be applied to ensure effects on ground conditions are mitigated during the construction phase:

- control measures will be provided to manage both spillages (such as oil, fuel, cement, chemicals etc.) and soil erosion/generation of suspended solids. These measures are likely to include the following: bunded storage; designated wheel washing areas; settling basins; screening stockpiles of materials; and dampening exposed soils as appropriate (as outlined above);
- a programme for the identification of compressible and unstable ground will be



identified alongside the remedial measures required to address any identified issues. These are likely to include temporary works and/or ground improvement such as shoring of excavations, the design of haul road, piling mats and crane platforms;

- a contingency plan for pollution emergencies will also be developed by the Contractor prior to the commencement of the works and regularly updated during construction. This contingency plan will identify the actions to be taken in the event of a pollution incident which requires the following to be addressed:
 - containment measures;
 - emergency discharge routes;
 - list of appropriate equipment and clean-up materials;
 - maintenance schedule for equipment;
 - details of trained staff, location and provision for 24-hour cover;
 - details of staff responsibilities;
 - notification procedures to inform the EPA or Environmental Department of HBBC;
 - audit and review schedule;
 - telephone numbers of statutory water consultees; and
 - list of specialist pollution clean-up companies and their telephone numbers.
- any accidental contamination of the ground or surface water will be cleaned-up in accordance with the appropriate Environment Agency guidelines and removed off-site by the appropriate licensed waste contractor;
- surplus material, rubbish etc. will not be allowed to accumulate on-site or over-spill to the surrounding environment; and
- in the event that any unexpected contamination is encountered during construction, this CEMP will be updated to include a protocol for managing this.

5.9.2 In addition to the above measures, all liquids and solids of a potentially hazardous nature (e.g. diesel fuels, oils, solvents etc) will be stored in accordance with guidelines laid down by the Environment Agency. Storage of hydrocarbons and chemicals will be strategically located away from surface water sources in appropriately designated areas and bunded locations and with strict procedures to manage the operation of such facilities. Such materials will be stored within secure compound areas with access gained by competent authorised personnel only.

5.9.3 The Control of Pollution (Oil Storage) Regulations 2001 indicate what is required for the storage of oil in the UK with further information provided in the Environment Agency's Pollution Prevention Guideline 02 – Above Ground Oil Storage Tanks. Leakage of oils and chemicals can be avoided through regular checks and maintenance of storage and other facilities; and plant should be provided with drip trays to prevent direct effects to groundwater and indirect effects to surface waters. Drip trays should be checked and emptied regularly using appropriately licensed waste operators.

5.9.4 In summary, the construction best practice methods outlined below in Table 2 will be followed:

Table 2: Summary Construction Best Practice for Ground Conditions



Ordering	Delivery	Storage	Handling
Over ordering (order "just-on-time"); Ordering standard lengths rather than lengths required (e.g. Plasterboard); and Ordering for delivering at the wrong time (update programme regularly).	Damage during unloading; Delivery to inappropriate areas of the Site; Accepting incorrect deliveries, specification or quantity; and Poorly secured loads.	Damage to materials from incorrect storage; and Loss, theft or vandalism through secure storage and on-site security.	Damage or spillage through incorrect or repetitive handling; and Poorly secured loads.

5.10 Archaeology

- 5.10.1 A staged approach of mitigation works is proposed with regard to the archaeological resource which would be controlled via planning condition. The Detailed CEMP will include the agreed measures and appoint an archaeological specialist advisor.
- 5.10.2 No construction will take place until the geophysical survey has been completed and any other archaeological investigation of the Site as agreed with the LPA.
- 5.10.3 The scope and methodology of any further mitigation would be outlined in a Written Scheme of Investigation (WSI). The WSI would be submitted to the Leicestershire County Council Archaeologist in their role as advisor to Hinckley and Bosworth Borough Council for approval prior to any work being undertaken. The staged approach for mitigation works outlined above has been devised based on sector guidance and best practice and can be controlled via planning condition.

5.11 Contamination

- 5.11.1 Where the existence of hazardous materials or contaminants is suspected, a physical survey of the Site will be carried out to confirm or determine the extent of the material. Where tests are required to prove toxicity or otherwise, the sampling requirements will be determined by consultation with the Client/Engineer and with reference to the contract documents.
- 5.11.2 The Contractor's safety manager is to be contacted and advice on the procedures for the sampling, monitoring and safe disposal of hazardous substances (examples of such substances are asbestos, dumped toxins, contaminated landfill and lead painted steelwork).
- 5.11.3 Although not anticipated, before proceeding with any type of demolition, a check will be made with the previous owners, specialist surveyors or other independent testing bodies, that all lagging to pipe work, boilers and other items of plant is asbestos free. Where asbestos is found in the works, then the Contractor's safety manager will be informed. HSE will advise on what course of action to take. This will usually involve the employment of an authorised licensed contractor to remove all the asbestos before demolition commences. The specialist contractor will hold a current licence and his/her procedures will comply with all statutory regulations and practices.
- 5.11.4 Toxic or contaminated waste will be tipped only on-sites with a current authorised licence and only following the notification of the Local Waste Disposal Authority. The Contractor will conform to all local authority conditions concerning the handling and disposal of such wastes. Where the consignments note system is used, the Council shall be informed at least three working days in advance of the proposed movement of waste. The local emergency services



will also be informed, well in advance, of the proposed route for transporting the waste from site to the point of disposal.

5.12 Resource and Waste Management

5.12.1 As part of the Detailed CEMP, minimising and reducing waste during the construction stage is a key priority and the following core principles will be maintained throughout the construction process:

- toolbox briefing sessions;
- adopting good on-site working practices;
- reducing wastage on-site;
- providing adequate waste storage facilities;
- providing adequate security measures; and
- appropriate waste disposal routes.

5.12.2 The Contractor is required to prepare, implement and maintain a Site Waste Management Plan (SWMP) throughout construction that addresses the following as a minimum:

- wastes arising including procedures for minimisation/reuse/recycling;
- estimated cost of waste management;
- roles including training and responsibilities for construction and demolition waste;
- procedures for education of workforce and plan dissemination programme;
- record keeping procedures;
- waste collectors, recycling and disposal sites including copies of relevant permits or licences; and
- waste auditing protocols.

5.12.3 The Contractor is required to implement the following in relation to resource and waste management during construction:

- all construction personnel including sub-contractors will be briefed through toolbox talks regarding the importance of minimising, segregating and recycling wastes during the construction process;
- guidance will be provided on the segregation of certain waste streams such as aggregates, excavated materials, metal, wood, cardboard and polythene packaging waste;
- the objectives of the toolbox talks will be to maximise opportunities for recycling and minimise waste to landfill;
- deliveries will be on a 'just-in-time' basis to minimise potential damage and wastage of materials;
- clearly labelled waste skips will be provided at the site for the segregation of waste streams for recycling and for general waste to be disposed of to landfill. The skips will be stored in a secure location on-site to prevent waste nuisance issues arising;
- fuels, oils and chemicals will be stored in appropriate containers within secure bunded compound constructed of an impermeable hard standing and in accordance



with good site practices and Environment Agency guidelines (Pollution Prevention Guidance Note 6 'Working at Construction and Demolition-sites');

- construction materials will be stored in a secure compound to prevent the potential for vandalism and theft of material;
- segregated waste for recycling will be removed from site by a licensed contractor to an appropriate Materials Recycling Facility (MRF);
- wastes that cannot be recycled will be removed from the Site by a licensed waste contractor to an appropriate licensed landfill facility ensuring adherence to the Environmental Protection (Duty of Care) Regulations;
- waste will only be placed in the approved locations to minimise litter and pollution;
- metal, timber, glass and other recyclable material will be segregated during construction works and removed off site to a permitted/licensed facility for recycling. Waste stream colour coding, and photographs of wastes to be placed in each container as required, will be used to facilitate segregation. Where waste generation cannot be avoided this will maximise the quantity and quality of waste delivered for recycling and facilitate its movement up the waste hierarchy away from landfill disposal and reduce its environmental impact;
- waste auditing: the Contractor will record the quantity in tonnes and types of waste and materials leaving site during the construction phase; and
- possibilities for re-use of clean non-hazardous excavation material as fill on the Site or in landscaping works will be considered following appropriate testing to ensure material is suitable for its proposed end use. Where excavation material may not be re-used within the proposed works the Contractor will endeavour to send material for recovery or recycling so far as is reasonably practicable.



6. Conclusion

This document is intended to provide a summary of the key mitigation measures identified to date during the construction Phase of the Proposed Development. This document should be used as a framework for developing a Detailed CEMP prior to commencement of development.