Construction Environmental Management Plan

C20-060 New Collin's Office:
Ripley

Workshop & Vehicle Maintenance Facility, with Ancillary Offices

Issue/ Revision	Revision 1	Revision 2		
Remarks:	Original Issue			
Date:	13/03/ 23			
Prepared by:	M. Taylor			
Signature:				

Construction Environmental Management Plan

CONTENTS

		PAGE
1	INTRODUCTION	3
2	ENVIRONMENTAL POLICY	4
3	ENVIRONMENTAL MANAGEMENT SYSTEM	5
4	PROJECT SPECIFIC MEASURES	7
5	CONSTRUCTION MANAGEMENT STRATEGY	15
6	SPECIFIC CEMP OBJECTIVES	17

Appendix A BlueEarth Environmental Policy
Appendix B Construction Traffic Routing
Appendix C Site Layout/ Logistic Plan
Appendix D Construction Programme
Appendix E BlueEarth Construction Site Waste Management Plan

Construction Environmental Management Plan

1 INTRODUCTION

1.1 This Construction Environmental Management Plan has been prepared in conjunction with a Planning Application made to Amber Valley District Council to ensure that the potential impacts that may arise from the construction of the proposed development are actively managed and minimised. The actions set out in this Plan are intended to act as a guide and a tool for anticipating, recording and ameliorating any impacts that may arise

1.2 It is anticipated that the Construction Management Plan will evolve as the Project progresses to ensure that its content reflects the current Construction Programme. Each revision of the Plan shall be submitted to Amber Valley District Council for its prior written approval to any changes unless they are urgently necessary in the interests of Health and Safety, or Pollution Control

1.3 The recommendations for the Control of Noise and Vibration on Construction and Open Sites in the Approved Code of Practice BS 5228 will be adopted

2 ENVIRONMENTAL POLICY

2.1 A copy of BlueEarth Construction Limited's Environmental Policy Statement is provided in **Appendix A** of this Report

2.2 BlueEarth Construction Limited recognises the environmental impacts associated with this Project and is committed to continually improving its environmental performance. The Policy Statement sets out the aims of the Environmental Plan for the construction of the proposed development, the various aims are summarised below:

- To meet the requirements of all relevant Environmental Legislation, Agreements, Authorisations and Commitments
- To ensure that all Environmental Undertakings and Obligations of BlueEarth Construction Limited are fulfilled
- To adopt Working Practices that will achieve good Environmental Practice on Site
- To ensure that Sub-Contractors and Suppliers are 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 assist in the development of the Company Environmental Management System; not only for the requirements of this Project but for future use

2.3 All personnel are required to understand and implement the requirements of this Construction Environmental Management Plan

3 ENVIRONMENTAL MANAGEMENT SYSTEM

3.1 The principal requirement of the Construction Environmental Management Plan for the Construction Phase of the Project is to provide a Management Framework to address all of the environmental aspects identified for the construction of the proposed development of the New Collin's Office: Ripley. In doing so the aim is to ensure that the obligations set out in this Construction Environmental Management Plan are implemented, and an Environmental Co-ordinator (including Community Liaison) will be appointed by BlueEarth Construction Limited

The Environmental Co-ordinator will be based on Site and will act as focal point for the distillation of the Contractor's responsibilities with respect to the Environment and for queries/ complaints from the controlling authorities and general public. The duties required of the Environmental Co-ordinator are set out below

Environmental Roles and Responsibilities of the Environmental Co-ordinator

3.2 The Environmental Co-ordinator is responsible for all environmental activities on the Project and will report to the Operations Manager. The duties involve the following:

- Overall management of the Environmental Component of the Project
- Manage day-to-day activities to ensure significant Environmental Effects are avoided
- Review and update the Site Construction Environmental Management Plan
- To act as the main point of contact between the Regulatory Authorities (Environment Agency and Local Authorities) and the Project regarding Environmental Issues
- Liaison with the Ecological Consultant to the Project
- To act as the main point of contact between the local populace and the Project
- Development and delivery of Environmental Training (induction and toolbox talks) for Site Personnel and Sub-Contractors
- Ensure Best Practice is promoted at all times
- Assisting with the development of procedures that highlight the emergency response to Environmental Incidents
- Management of the Monitoring Programme, including; noise, dust and water quality
- Environmental Incident Monitoring and Reporting

The Environmental Co-ordinator will be Construction Director – Kirk Farrow, as the Site based representative for BlueEarth Construction Limited throughout the duration of the Project

Assessment of Significant Environmental Aspects

3.3 The Environmental Aspects identified should be evaluated in terms of significance to ensure that resources are targeted appropriately and effectively. The Environmental Aspects determined to be of most significance are the activities of the Project that require managing and should be subject to improvement in performance

3.4 An Environmental Aspects Register is contained within the BlueEarth Environmental Management System which will be available for inspection on Site at all times and will be structured in the following way:

Environmental Aspects Register						
Activity	Aspect	Impact(s)	Legislation	Significance	Mgm't Response	Comments

Legal Requirements

3.5 For each significant Environmental Aspect, the relevant applicable Environmental Legislation and Regulations will be identified. A complete and up-to-date Legal Register is contained within the BlueEarth Environmental Management System

4 PROJECT SPECIFIC MEASURES

4.1 This chapter of the Construction Environmental Management Plan contains details of the measures to minimise the potential effects from the Construction Works, which will be implemented throughout the Works. It is envisaged that this Construction Environmental Management Plan will be a live document that will be updated as necessary to include consideration of evolving aspects of the construction works

4.2 Each revision of the Construction Management Plan shall be communicated to Amber Valley District Council**.** Wherever possible, amendments to the Plan shall be discussed prior to their incorporation into the Document

4.3 The full Programme of Works for the construction of the proposed development will be available in due course and key dates highlighted in order to show critical areas of the development

Consideration and Responsibility

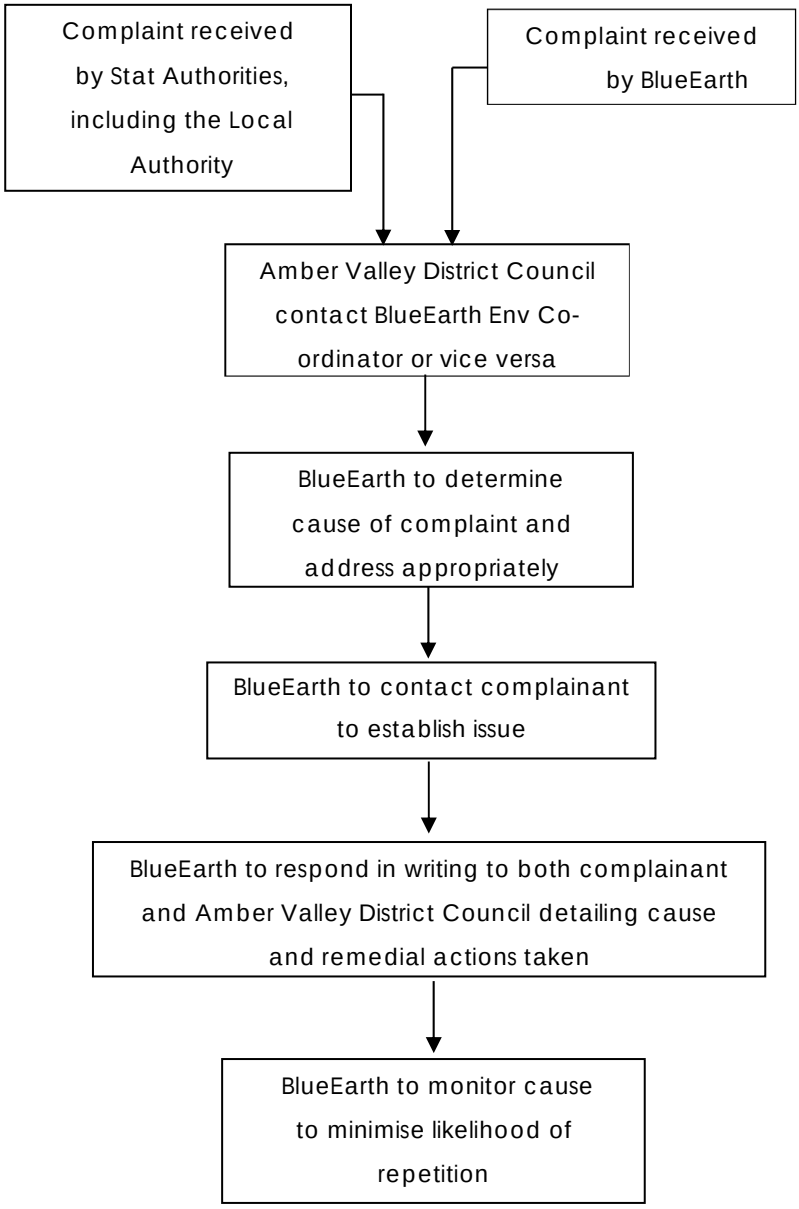
4.4 All works will be carried out with positive consideration towards our neighbours and the environment. Works that are likely to cause an impact to our neighbours will be advertised through a mechanism to be agreed with Amber Valley District Council**.** This mechanism may be door to door leafleting of nearby properties, advertising in a local paper, posters in prominent locations etc. and will address issues relating to programme, activities and likely effects, duration and points of contact

4.5 A Communications Protocol will be prepared and agreed prior to commencement of construction with Amber Valley District Council & will form an addendum to this Construction Environmental Management Plan

4.6 BlueEarth Construction Limited will ensure that all Site Personnel, Specialist Sub-Contractors, Delivery Drivers and any other persons working on or visiting the Site fully understand and implement the obligations of the Construction Environmental Management Plan and monitor their compliance with it. This will be achieved by including the Construction Environmental Management Plan and its obligations in the Safety Induction that everyone attending the Site will attend. The inductees will be required to sign a statement stating that they have understood and will abide by the content of the Construction Environmental Management Plan

4.7 Kirk Farrow as the Senior Representative of BlueEarth Construction Limited will act as a central contact point for discussions with both Amber Valley District Council & other interested parties; including local businesses. Details of how to contact Kirk Farrow will be lodged with the Client & Representatives and advertised through a suitable mechanism to be agreed with Amber Valley District Council should any complaints arise during the course of the Works. A broad procedure for dealing with them is set out in Figure 1 below.

Figure 1 – Complaints Procedure:



4.8 Contact details for the BlueEarth Environmental Co-ordinator are given below:

BlueEarth Environmental Co-ordinator **Kirk Farrow** **07495 017445**

Waste

4.9 As part of the Construction Environmental Management Plan, 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 Talk briefing sessions
- Adopting good On-Site Working Practices
- Reducing wastage on Site
- Ensuring adequate Waste Storage Facilities are provided
- Ensuring adequate Security Measures are in place
- Appropriate Waste Disposal Routes

The above will all be managed and recorded in the BlueEarth Site Waste Management Plan – SWMP (Pro-Forma Plan is contained in **Appendix D**)

4.10 Further details of Good Site Practices include the following:

- 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 a 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 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 approved locations to minimise litter and pollution

4.11 In summary, the following Construction Best Practice (Construction Industry Research and Information Association – *'Environmental Good Practice on Site'* will be followed:

Ordering	**Delivery**
Avoid: - • Over ordering (order *"just-on-time"*) • Ordering standard lengths, rather than the actual lengths required (e.g. Plasterboard) • Ordering for delivery at the wrong time (update Programme regularly)	*Avoid: -* • Damage during unloading • Delivery to inappropriate areas of the Site • Accepting incorrect deliveries, specifications or quantities
Storage	**Handling**
Avoid: - • Damage to materials from incorrect storage • Loss, theft or vandalism, utilising secure storage and on-Site security	*Avoid: -* • Damage or spillage through incorrect or repetitive handling

4.12 The Environmental Co-ordinator will liaise with the Ecological Consultant to the Project to ensure that the Surrounding Environment is respected throughout the Works. This will be reinforced through Toolbox Talks, which will include an Ecology-Specific Briefing. This Briefing will be drafted by the Ecological Consultant to the Project (in accordance with the Ecological Survey documentation submitted with the Planning Application) and agreed as appropriate with Amber Valley District Council

4.13 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

4.14 Any Protected Species identified during the Works will be notified to the Ecological Consultant to the Project, who will advise an Appropriate Course of Action, (if necessary) in conjunction with the Local Authority

4.15 Until an Appropriate Course of Action is identified, no further works will take place in the area identified as having a Protected Species

4.16 Surplus material, rubbish etc. shall not be allowed to accumulate on the Site, or over- spill to the surrounding Environment

Noise

4.17 Construction Noise Emissions have been identified as a potential source of annoyance to the local population. Specific consideration will be given to the neighbouring residential properties situated to the rear of the Site

4.18 Working Hours: the works carried out on Site will be in line with the requirements laid out in the Planning Conditions, or typically, from the hours of 07:30 to 18:00 hours Monday to Friday, and 07:30 to 13:00 hours on Saturdays

4.19 Standard Construction Plant/ Equipment will be used during all Phases of the Construction Process

4.20 Typical Plant will include excavators, dozers, crushing machine, cranes, dumpers, scissor lifts, and cherry pickers etc

4.21 On Site noise levels will be monitored regularly, particularly when changes in process are required or in response to complaint. The monitoring will be in accordance with the Guidance set out in Annex E of BS5228

4.22 All Plant items will be properly maintained and operated in accordance with the manufacturers' recommendations, so that excessive noise is minimised. Rattling noises will be controlled by tightening loose parts and by fixing resilient materials between the surfaces in contact

4.23 Plant known to emit noise strongly in one direction should, (where possible) be orientated so that the noise is directed away from noise sensitive areas

4.24 Acoustic Covers will be kept closed when engines are in use and idling

4.25 Compressors that have Effective Noise Enclosures and Access Panels will be used

4.26 Materials will be lowered where practicable and not dropped

4.27 Stationary plant such as Compressors and Generators will be positioned away from sensitive locations within the confines of the operational use of the equipment

4.28 Where reasonably practical, noisy plant or processes will be replaced by less noisy alternatives (BPM). Annex B of BS5228: Part1

Maintenance

4.29 Regular and Effective Maintenance of Machinery and Noise Control Measures, by trained personnel is essential and will assist in reducing potential noise. Increases in Plant Noise are often indicative of future mechanical failure and will be responded to by the Environmental Co-ordinator

4.30 Noise caused by vibrating machinery having rotating parts can be reduced by proper attention to balancing

4.31 Frictional noise will be reduced by tools being well maintained and kept sharp

4.32 Lubrication of parts will also reduce noise

Training

4.33 All Employees and Contractors will need to be informed about the need to minimise noise. As part of on-Site Training, they will be advised regularly of the following:

- The proper use and maintenance of tools and equipment
- The positioning of machinery on Site to reduce the emission of noise to the neighbourhood and to Site Personnel
- Avoidance of unnecessary noise when carrying out operations, and when operating plant and equipment
- Using and maintaining measures adopted for noise control
- By reporting defective noise control equipment
- Managers and Supervisors recognising the need for employees to make proper use of measurements to minimise noise

4.34 Machines in intermittent use will be shut down in intervening periods of non- use, or where this is impracticable, they will be throttled down to a minimum

4.35 Where practicable, white noise reversing alarms will be fitted to all mobile plant

Emissions to Air

4.36 Finished ground/ road surfaces will be set down as early as is feasible to seal the ground to ensure that the generation of dust is kept to a minimum

4.37 Surfaced and unsurfaced Site Access Roads will be kept in good order and will be watered as necessary using a water bowser. This will be monitored on a daily-basis during hot, dry weather

4.38 A water supply will be maintained across the site to ensure that dusty surfaces and activities can be damped as appropriate.

4.39 Any exposed soil or material stockpiles will be appropriately damped, if necessary; using sprinklers and hoses. A wind-sock will be located on the Site and where this indicates a prevailing wind toward sensitive receptors, particular attention will be given to the damping of exposed soil and material stockpiles

4.40 All areas of completed earthworks that are not subject to subsequent works such as drainage will have a stone capping layer placed on them, which will be covered with permanent building works. Areas not covered with permanent building works will be covered with topsoil and vegetated as soon as is practicable

4.41 Screening monitoring through a visual inspection of the Site Perimeter will be carried out weekly during dry periods to check for dust deposition (evident as soiling and marking) on vegetation, cars and other objects.

4.42 The Programme of Works has been sequenced such that any deliveries to Site will either be onto a stone capping layer or hard surfacing, again minimising the risk of any mud or debris being deposited on the Public Highway. The surrounding area will be monitored at all times and if necessary, and as required road sweeping plant will be on hand to deal with any debris/ mud on the Highway

Vehicles

4.43 The cleanliness of the Site Access Road will be assessed on a daily basis. Road sweeping will be undertaken as necessary should it be required

Vehicle Routing

4.44 Care has been taken during the design process and thought has been given to minimise the need for HGV movements

4.45 We anticipate the majority of delivery traffic to site will be via **TBC**

4.46 The proposed routing map is contained in Appendix B

4.47 This route will be communicated to all Specialist Sub-Contractors and Material Suppliers

4.48 Temporary signs will be erected. This will ensure that drivers are directed to the Site and do not inadvertently use minor local roads

4.49 Anticipated vehicle movements will be small in number and infrequent

Lighting

4.50 During the construction phase, Temporary Site Lighting will adhere to the Best Practice Guidance outlined in the Guidance Notes for the Reduction of Light Pollution (Institution of Lighting Engineers, 2000) including the following:

- Lighting will be switched-off when not required for safety or security
- Temporary Lighting will be directed into the Site away from residential areas
- Wherever possible, lighting will be directed downwards to illuminate the target area and reduce spill light to a minimum
- Specifically designed lighting equipment will be installed to minimise the spread of light near to or above the horizontal
- To keep glare to a minimum, the main beam angle of all lights directed towards any potential observer will be kept below 70-degrees. Higher mountings used for the lighting will lower the main beam angle reducing potential glare
- Wherever practicable, floodlights with asymmetric beams will be used

5 CONSTRUCTION MANAGEMENT STRATEGY

Deliveries

All BlueEarth Construction deliveries will be organised on a 'just-in-time' basis to minimise the Site storage area required. BlueEarth Construction will also discuss with its suppliers the need to minimise packaging waste wherever possible, or where this cannot be minimised, to utilise the reduce, re-use, recycle initiatives noted earlier in this Construction Environmental Management Plan.

Loads will also be maximised to avoid unnecessary journeys and make deliveries as efficient and effective as possible. Wherever possible, organisations that make use of electric vehicles, or environmentally friendly fuel options will be prioritised and given preference when developing future Supply Chain relationships.

Traffic Management

As well as looking to influence the strategies of external organisations that are involved with this Scheme, BlueEarth Construction will actively seek to promote Best Practice through the way it sets-up and manages the Site. A segregated pedestrian and vehicle traffic management system will be put in place to better safeguard workers and visitors alike.

Where possible, a one-way system will also be reviewed and enforced if practicable. Hardstanding Concrete Yard Slabs, and base-course tarmac layers will be installed as early in the Programme as possible to minimise Site spoil being tracked off-Site. Further protection to the highways will be provided through the use of wheel wash stations at the Site exit, and regular use of a road sweeper will be built in to BlueEarth Construction's Management Strategy.

Although the current Site consists of primarily hard-landscaped areas, that are currently being utilised by existing businesses, routing across the Site will also be designed to be as inobtrusive and least invasive as possible; taking full account of areas identified as being most ecologically sensitive (such as the Site Boundaries) in keeping with the wider Ecological Strategy and an aim to improve the overall Biodiversity Net Gain.

The Traffic Management Strategy, Site Compound location, and Material Lay-Down Areas are further detailed in an annotated mark-up that has been included as Appendix C.

Compound Locations

BlueEarth Construction's Site Compound, Staff and Contractor Parking Areas, and the BlueEarth Construction and Contractor Storage/ Lay-Down Areas will be designed to be as economical and efficient as possible, but also to be sensitive to ecological considerations. Unnecessary encroachment across the Site as a whole will be discouraged, lengthy linkages between areas will be minimised and ecologically sensitive areas will be avoided and where necessary fenced off.

Where possible, permanent hard landscaping will be installed and used to found the Site accommodation, so as to avoid the need for temporary foundations and service provisions. Where possible, BlueEarth Construction will also look to prioritise Site Accommodation that utilises green technology, such as grey and rainwater recycling, energy efficiency and technological innovations; reducing the reliance on diesel generators etc.

The Traffic Management Strategy, Site Compound location, and Material Lay-Down Areas are further detailed in an annotated mark-up that has been included as Appendix C.

Material Lay-Down Areas

As noted earlier, BlueEarth Construction will look to minimise the number and extent of Material Lay-Down Areas through the use of 'just-in-time' techniques. Where this is not possible, BlueEarth Construction will ensure that these storage areas are as efficient and economical as possible. Sensible, well thought-out arrangements will be established, with minimal linkages to the workface and parking areas.

The Traffic Management Strategy, Site Compound location, and Material Lay-Down Areas are further detailed in an annotated mark-up that has been included as Appendix C.

6 SPECIFIC CEMP OBJECTIVES

Following analysis of the Preliminary Ecological Appraisal & Impact Assessment (including a Biodiversity Enhancement Strategy) produced by EcoCheck in 2021, and feedback from Statutory Consultees engaged by the Planning Officer, several specific CEMP objectives were identified and these have been expanded on further below:

Biodiversity Net Gain

As a key driver for this Project, BlueEarth Construction will demonstrate an overall net gain in Biodiversity and a positive impact on the number and type of habitats, flora and fauna. Through the engagement of a fully qualified Ecologist and by utilising the Defra Biodiversity Metric, Blue Earth Construction will establish the current Biodiversity 'score' and through negotiation with the Planning Officer and Statutory Consultees, agree an overall improvement.

By liaising with the Ecologist, BlueEarth Construction will establish the necessary Ecological Mitigation and ensure that it is built in to the Project's design and construction. These measures may include for increased planting of native plant species, bird nesting boxes, bat roosting boxes, sensitive (and shielded) lighting strategies, reptile hibernacula and SuDS; with sufficient time and money allocated to ecological betterment, despite the majority of the existing and proposed Sites constituting mainly hard landscaping.

Construction Ecological Management Plan

In order to avoid or mitigate any indirect or direct adverse effects on the biodiversity features of the Site and surrounding landscape, BlueEarth Construction will engage an Ecologist to expand on the Preliminary Ecological Appraisal & Impact Assessment and Biodiversity Enhancement Strategy, by producing a Construction Ecological Management Plan.

This Plan will be part of a suite of documents produced by the Ecologist and will be used to formalise the delivery of any identified and agreed mitigation measures. It will also be afforded equal weighting to the other key management documents i.e. CEMP, SWMP etc.

Further Surveys

As part of the previous Planning Applications associated with this Site, a number of preliminary/ early stage environmental and ecological surveys have been commissioned and resultant Reports issued. In order to build upon the recommendations drawn from these Reports, additional survey work will be undertaken.

SuDS – a SuDS Drainage Assessment will be carried out as part of the development of the surface water drainage strategy. By utilising Infiltration Test results, BlueEarth Construction will ensure that the optimum drainage design is produced, that maximises the environmental potential of the Site.

Arboriculture – although the vast majority of the Site consists of hard landscaping provision, an Arboriculturalist will be consulted to ensure that wherever possible, existing habitat (primarily at the Site boundaries) is left undisturbed. This Consultant will also be used in conjunction with the Ecologist in order to better inform the overall strategy for Biodiversity Net Gain.

Ecology – building on the preliminary information already issued, BlueEarth Construction will engage an Ecologist to undertake further Survey works and produce supporting documentation. The Ecologist will produce an Ecological Constraints & Opportunities Plan (ECOP), which will be used in conjunction with the Preliminary Ecological Appraisal & Impact Assessment and through liaison with the Arboriculturalist and Landscape Architect to establish an Ecological Mitigation Plan and complete the Defra Biodiversity Metric to demonstrate Biodiversity Net Gains.

Once the Programme is finalised, the Ecologist will also be used to undertake a follow-up Ecological Survey, concentrating (amongst other things) on bats, birds and badgers. Depending on the planned Construction Works and the time of year, it may also be necessary for the Ecologist to be present during the clearance of scrub and grassland to ensure that resident reptiles and amphibians are not unduly inconvenienced.

Environmental Effects

BlueEarth Construction will ensure that all practicable steps shall be taken to minimise the environmental effects of the Construction Works. While it is not possible to completely avoid some level of disturbance (even in the short-term), BlueEarth Construction will adhere to the suite of documents previously noted in this CEMP and agreed with the Planning Officer and Statutory Consultees to ensure that the minimum impact is achieved.

Construction Activities

All activities will be conducted in accordance with the CEMP, relevant Legislation, Codes of Practices, Guidelines, and any local environmental procedures. The baseline for these documents will be identified and agreed with the Planning Officer prior to commencing works on Site and adhered to throughout the course of the Project.

Licences, Permits and Consents

As with the governing documentation to be utilised, BlueEarth Construction will identify and agree with the Planning Officer any Environmental Licences, Permits, Consents, and other Statutory Requirements. Anything identified and relevant will be obtained and put in place prior to works commencing, and will be fully complied with during the course of the works on Site.

Staff Awareness

BlueEarth Construction will ensure that all staff (including Sub-Contractors) are aware of the environmental issues relevant to this Project through the provision of Site-specific information relating to the environmental impacts of construction and the mitigation measures to be applied. This will be achieved through the use of inductions, briefings and toolbox talks, as well as any other media deemed most suitable and effective.

Regular Review

To ensure that the approach put in place remain suitable and current, BlueEarth Construction will use Monthly Team Meeting to regularly review the Project's environmental requirements and ensure that the environmental controls remain adequate throughout the duration of the works.

APPENDIX A

BlueEarth Construction Environmental Policy

BlueEarth Construction Ltd	ENVIRONMENTAL POLICY STATEMENT	BlueEarth Construction

The Board of Directors of BlueEarth Construction Ltd are committed to the conservation and improvement of the environment and recognises its responsibility to manage and minimise the environmental impacts of our activities, products and services.

- To identify the significant environmental impacts of our activities.

- To develop suitable objectives, targets and management programmes, applying appropriate operational procedures to minimise our significant environmental impacts during normal, abnormal and emergency conditions.

- Comply with relevant legislation, regulation and other requirements relating to our significant environmental impacts.

- To prevent pollution, minimise our inputs of utilities and resources and the outputs of emissions to the atmosphere, effluents to waters/sewers and wastes to disposal facilities; endeavouring to re-use, recover or recycle materials where practicable, or safe disposal where not.

- Take into account the principles of sustainable development in conducting its administrative, commercial and social activities, using the procurement of materials from local, sustainable sources.

- To ensure that environmental responsibilities are defined, communicated and understood at all levels within our organisation through the provision of appropriate training.

- To ensure that suppliers and contractors understand the Company Policy and assist them in developing appropriate systems and a responsible approach with regard to environmental issues.

- To communicate, co-operate and respond to the views of interested parties, including stakeholders, customers and the general public, on environmental issues, where this is practicable and likely to result in an overall improved environmental performance.

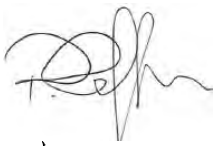
- To strive for continual improvement in overall environmental performance.

This policy is publicly available to interested external parties upon request.

David Collins
Managing
Director Date:
05.10.2022



Pat
Gaffney
Director
Date: 05.10.2022



Kirk Farrow
Director
Date: 05.10.2022



APPENDIX B

Construction Traffic Routing

TBC

APPENDIX C

Site Layout/ Logistics Plan

TBC

APPENDIX D

Construction Programme

TBC

Construction Programme

APPENDIX E

Site Waste Management Plan (to be developed)

SITE WASTE MANAGEMENT PLAN

New Collins' Office:
Ripley

DRAFT

Note the SWMP is to be updated at least every six months including the types and quantities of waste that have been re-used, recycled recovered or sent to landfill

DOCUMENT REVIEW REGISTER			
Rev	Date	By	Description of Modification

DRAFT

This Site Waste Management Plan (SWMP) is an important tool to allow BlueEarth to improve our environmental performance, meet regulatory commitments and help to reduce waste disposal costs. Hence, the aim of this SWMP is to determine the waste types and amounts to be produced during design and construction and to identify appropriate waste management controls.

PROJECT INFORMATION	
CLIENT: Collins Earthworks	PRINCIPAL CONTRACTOR: BlueEarth Construction Limited
PROJECT TITLE: New Collins' Office: Ripley - Workshop & Vehicle Maintenance Facility, with Ancillary Offices	CONTRACT NO: C20-060
PROJECT ADDRESS: Whiteley Road, Ripley, Derbyshire, DE5 3QL	CONTRACT VALUE: TBC
	PROJECT START DATE: TBC
FOOTPRINT m2 STRUCTURE: TBC	PROJECT END DATE: TBC
FOOTPRINT m2 SITE: TBC	
FLOOR AREA [ALL FLOORS] m2: TBC	

WASTE MANAGEMENT PROJECT ADMINISTRATION		
PERSONS LEGALLY REQUIRED TO BE IDENTIFIED [SWMP REGULATIONS 2008 SECTION 6(1)]		
POSITION	NAME	CONTACT DETAILS
CLIENT:	Collins Earthworks	TBC
PRINCIPLE CONTRACTOR:	BlueEarth Construction Ltd	Kirk Farrow
SWMP DRAFTER:	TBC	

DECLARATION:	BlueEarth will take all reasonable steps to ensure that: • All waste from the New Collins' Office: Ripley Project is dealt with in accordance with the waste duty of care in Section 34 of the Environmental Protection Act 1990 and the Environmental Protection (Duty of Care) Regulations, 1991; and • Materials will be handled efficiently and waste handled appropriately

DOCUMENT CONTROL				
VERSION	DATE	PERSON RESPONSIBLE FOR SWMP	COMPANY & POSITION	PROJECT STAGE
1				
2				
3				
4				
5				

WASTE MANAGEMENT CONTRACTOR DETAILS		
DETAILS OF THE PEOPLE/ ORGANISATION REMOVING WASTE FROM YOUR SITE [1]		
NAME OF REGISTERED CARRIER	**REGISTRATION NUMBER**	**ADDRESS OF REGISTERED CARRIERS PRINCIPAL PLACE OF BUSINESS**
DETAILS OF WASTE MANAGEMENT FACILITY [1]		
NAME OF REGISTERED WASTE MANAGEMENT FACILITY	**LICENCE REFERENCE NUMBER**	**ADDRESS OF REGISTERED CARRIERS PRINCIPAL PLACE OF BUSINESS**

[1] INPUT DETAILS FOR ALL WASTE CARRIERS AND MANAGEMENT FACILITIES IF MORE THAN ONE USED

INSERT COPY OVERPAGE OF THE FOLLOWING CERTIFICATES

CERTIFICATE OF REGISTRATION UNDER THE CONTROL OF POLLUTION [AMENDMENT] ACT 1989
ENVIRONMENTAL PROTECTION ACT 1990 WASTE MANAGEMENT LICENCE

DRAFT

KEY WASTE PRODUCTION				
WASTE CATEGORY & TYPES	EWC/LoW CODES	ENABLING WORKS [INCLUDING DEMOLITION]	CONSTRUCTION WORKS	FORECAST PROVIDED
		ESTIMATED QUANTITY	ESTIMATED QUANTITY	
	EWC/LoW	TONNES	TONNES	
INERT WASTE				
SUB TOTAL				
NON HAZARDOUS WASTE				
SUB TOTAL				
HAZARDOUS WASTE				
SUB TOTAL				
TOTAL VOLUMES				

DRAFT

WASTE TRANSFER NOTES:

ALL WASTE TRANSFER NOTES ARE HELD CENTRALLY AT BLUEEARTH HEAD OFFICE

SITE MUST ENSURE ALL WASTE TRANSFER NOTES CONTAIN THE FOLLOWING INFORMATION:

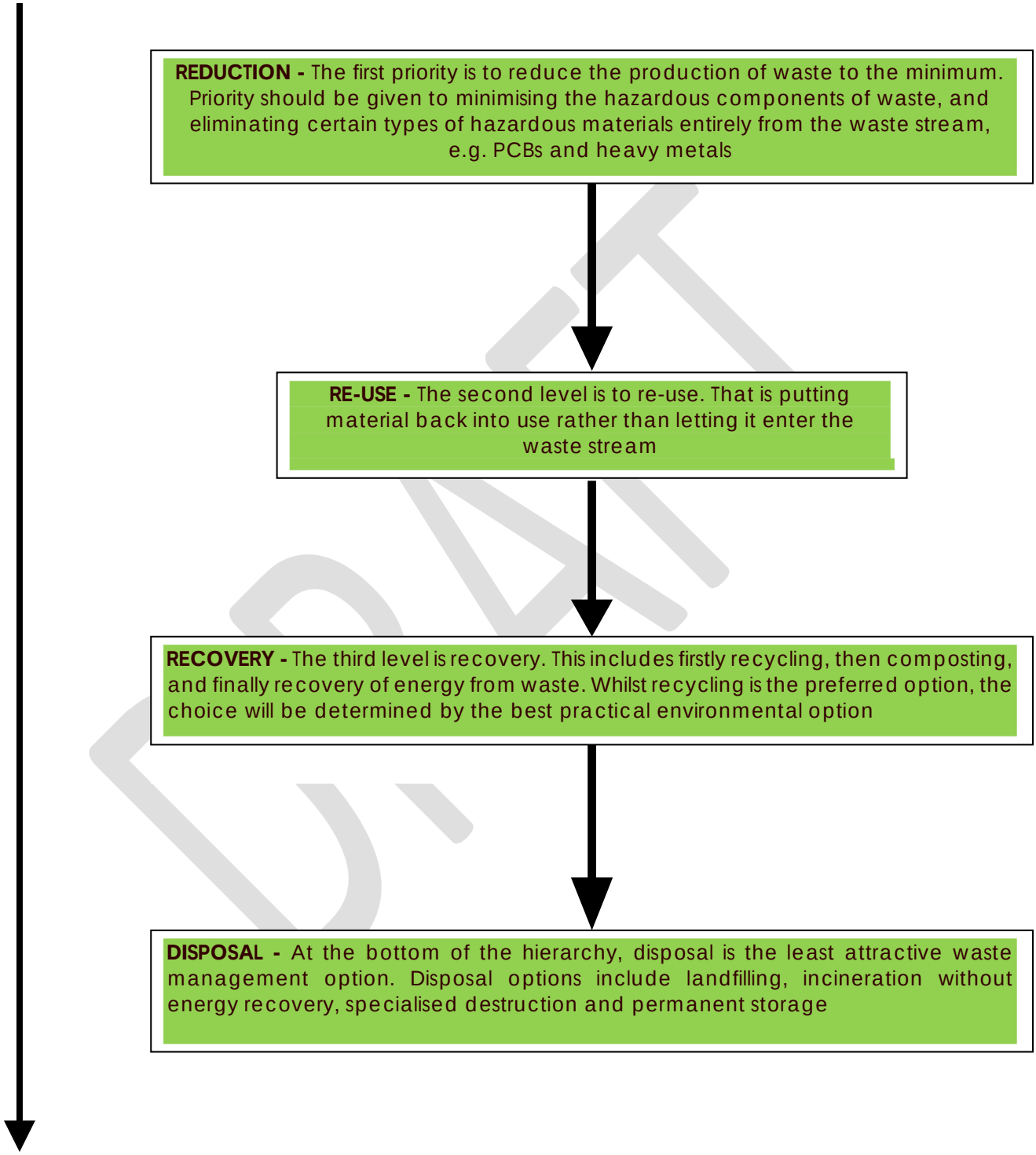
DUTY OF CARE NUMBER
WASTE CARRIER REGISTRATION NUMBER
DRIVER NAME [PRINT & SIGNED]
DESCRIPTION OF WASTE INCLUDING EWC CODE
DATE OF WASTE TRANSFER
DETAILS OF CURRENT HOLDER OF WASTE [SITE ADDRESS]
DETAILS OF WASTE DISPOSAL SITE
CUSTOMER SIGNATURE

SITE WASTE MANAGEMENT REPORT

INSERT OVERPAGE COPY OF MONTHLY REPORTS ISSUED BY WASTE MANAGEMENT CONTRACTOR.

DRAFT

Best Environmental Option



Worst Environmental Option

Appendix 1 – SWMP Checklist: Design Phase

	Points to Consider	Y/ N (Initials)	Comment If 'Yes', what action have you taken/ do you propose to take? If 'no', why not?
Design			
1	Where relevant, has permission to discharge to controlled waters been obtained from EA/ SEPA?		
2	Has agreement been sought from the sewage company for trade effluent discharge?		
3	Have opportunities been considered for reducing the necessity for waste disposal? For example: • Can material cutting be minimised? • Is pre-fabrication an option? • Are construction materials durable i.e., Whole Life Costings? • Can the wastes remain on-site? • Can design avoid the removal of contaminated materials? • Can contaminated materials be treated		
4	Have opportunities been considered for reusing materials on-site? For example: • Can inert excavated materials be reused as fill for landscaping/ noise barriers on Site? • Can inert excavated materials created from other sites be reused at the Main Site (WML exemption required)? • Can excess materials be utilised locally or on other sites (WML exemption required)? • Can ground improvement techniques be used on excavated materials e.g. soil stabilisation - improvement of soil engineering properties with the addition of cement/ lime? • Can materials be crushed on Site for reuse? • Can recycled materials be used on Site e.g. aggregates?		
5	Have opportunities been considered for re-use of materials off-Site?		
6	Have opportunities been considered for reprocessing of materials off-Site?		
7	Has full consideration been given to the use of secondary and recycled materials?		

Completed by:		Position	

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Appendix 2 – SWMP Checklist: Procurement Phase

	Points to Consider	Y/ N (Initials)	Comment If 'Yes', what action have you taken/ do you propose to take? If 'no', why not?
Procurement			
1	Have the correct quantity of materials been ordered?		
2	Have delivery times been scheduled to avoid unnecessary Site disturbance and storage?		
3	Have suitable locations for the storage of materials been identified?		
4	Are materials being obtained from reputable sources?		
5	Can unnecessary packaging be avoided?		
6	Can unwanted packaging be returned to the supplier for recycling or reuse?		
7	Can unused materials be returned to the supplier or used on another job?		
8	Can off-cuts be returned to the supplier or used on another job?		
9	Can bulk packaging be used e.g., silos compared to tubs?		
10	Can we buy recycled materials?		

Completed by:		Position	

DRAFT

Appendix 3 – SWMP Checklist: Construction Phase

	Points to consider	Y/ N (Initials)	Comment If 'Yes', what action have you taken/ do you propose to take? If 'no', why not?
On-site Activities			
1	Have estimates been made of potential waste streams and potential disposal amounts e.g. excavated material?		
2	Has responsibility for waste management planning and compliance been assigned to the Sub-Contractor, including named individual?		
3	Has responsibility been assigned to generate and submit Waste Performance Reports (i.e., waste quantities and treatment disposal routes)?		
4	Has the site been registered as a hazardous waste producer *(England & Wales only)*?		
5	Has an area of the Site been designated for waste management, including storage and segregation?		
6	Have provisions been established to adequately store and segregate waste materials?		
7	Have measures been put in place to deal with expected (and unexpected) hazardous waste?		
8	Has disposal of liquid waste such as wash-down water and lubricants been considered?		
9	Have the most appropriate sites for disposal of waste from the Project been considered?		
10	Have toolbox talks been planned for all Site personnel about waste management on-Site?		
11	Have provisions been established to clearly label containers/ skips/ drums?		
12	Have means been developed to ensure that Duty of Care Requirements are complied with? Namely: • Provision of Transfer Notes • Verifying registered carriers/ brokers • Verifying registered exempt sites • Validation on the scope/ validity of waste disposal sites		
13	Have means been developed to periodically check that wastes are received at intended disposal site(s)?		

Completed by:		Position	

The following table must be completed 1 month after P.C.

COMPLETION DECLARATION			
BlueEarth confirms that the Plan has been monitored on a regular basis to ensure that work is progressing according to the Plan and that the Plan was updated to record details of the actual waste management actions and waste transfers that have taken place.			
Principal Contractor	Signature	Date	
Client	Signature	Date	
SWMP Author	Signature	Date	

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