

Overarching Construction and Environmental Management Plan (CEMP)		

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1 INTRODUCTION

1.1 Context

- 1.1.1 This overarching Construction and Environmental Management Plan (CEMP) accompanies a planning application for the new replacement activity building complex at Great Plumstead recreational ground.
- 1.1.2 This CEMP is for the construction phase of the development and sets out the intended methods of effectively managing potential environmental impacts.
- 1.1.3 A CEMP is intended to set out the details of the practical execution of construction works and the associated environmental management measures.
- 1.1.4 It includes the site-specific mitigation measures applying to minimising amenity impacts (control of noise and dust), programme of works, hours of work and management of deliveries.
- 1.1.5 The responsibility for the implementation of the CEMP lies with the principal contractor.
- 1.1.6 The overarching environmental objectives that will be applied during the construction phase of the project are as follows:
 - All practicable steps will be taken to minimise the environmental effects of the construction works.
 - All activities will be carried out in accordance with the CEMP, and relevant Legislation, Codes of Practice, Guidelines, Statutory Requirements etc.
 - Any additional licenses, permits and all other statutory requirements will be obtained prior to construction work commencing.
 - All operatives, including sub-contractors, shall be made aware of the environmental issues relevant to the project through the provision of site-specific inductions, tool box talks and other relevant training or briefing sessions.

1.2 Site Management

- 1.2.1 Site management will be the responsibility of the principal contractor.

1.3 Local Community Liaison

- 1.3.1 At least one week prior to the commencement of main construction activities, local residents and who may be affected by the works will be notified of the nature of the proposed works and provided with a contact name, telephone number and address to which enquiries should be directed. Appropriate contact details will also be placed on the site entrance.

1.4 Considerate Constructors

- 1.4.1 Contractors will be required to minimise any disturbance or negative impact (in terms of noise, dirt and inconvenience).

2 DESCRIPTION OF THE WORKS

2.1 Introduction

- 2.1.1 The development will comprise of a set of three individual buildings with a shared roof structure.
- 2.1.2 It is anticipated that the development will commence within nine months of this document date.

2.2 Development Components

- 2.2.1 The development will be carried out in accordance with the approved plans.
- 2.2.2 Deliveries to the site will be via the access way across the existing car park which exits onto Church road.
- 2.2.3 Measures will be taken to prevent unnecessary spread of mud, dust and other detritus onto the wider strategic road network.

3 ENVIRONMENTAL PERFORMANCE

3.1 Introduction

- 3.1.1 This CEMP is the overarching document for the management of the environmental performance associated with all works undertaken.
- 3.1.2 By implementing this CEMP, the Applicant will ensure that appropriate environmental protection measures are implemented on works conducted within the construction site.
- 3.1.3 The CEMP is the essential link between environmental impacts risk assessment and project activities. It is to ensure that environmental impacts are properly managed on site and necessary control measures are implemented.

3.2 Other Relevant Requirements

- 3.2.1 In addition to this CEMP the works may be governed by other relevant requirements. The purpose of the CEMP is to ensure that the work is carried out within the applicable environment standards for the activities implemented by the contractor.

3.3 Responsibility and Coverage

- 3.3.1 All personnel must follow relevant environmental legislation and guidelines.

3.4 Overarching Objectives

- 3.4.1 The overarching objective of the CEMP is to ensure that all processes and activities are carried out in such a way that environmental matters are observed and undertaken in the best possible way.
- 3.4.2 This shall be achieved by maintaining environmental standards and contractual requirements.

4 GENERAL SITE RULES

4.1 Induction and Environmental Awareness

- 4.1.1 All personnel working on, or attending site, must have a site environmental protection induction by the principal contractor, at a meeting held for the purpose.
- 4.1.2 Specific environmental induction and/or training shall be given to personnel performing works or handling materials that will require special environmental training.
- 4.1.3 This will be supplemented with the controls required as a result of undertaking generic and specific risk assessments.
- 4.1.4 All contractors' personnel working on the site shall undergo general environmental awareness training and training about their responsibilities and obligations to exercise due diligence for environmental matters.
- 4.1.5 Environmental training will include:
- A site environmental protection induction;
 - Familiarisation with the requirements of the CEMP;
 - Environmental emergency response training, and
 - Targeted environmental training for personnel performing works that will require special environmental training. For example, personnel responsible for disposal of waste.

4.2 Vehicles, Equipment, Tools and Vessels

- 4.2.1 Vehicles, equipment and tools must always be well maintained and regularly checked. Particular attention must be paid to:
- Unintended emission of exhaust gas and noise;
 - Leakages of oil from cars, lorries, vans, vessels and tools, and
 - Any damage (e.g. rust, indents) which may result in leaks or spills from containers.

4.3 Dust and Exhaust Gases

- 4.3.1 A construction site will never be completely free of dust and exhaust gases. Therefore, suitable precautions should be taken, especially in dry and windy weather.

4.4 Noise

- 4.4.1 Noise impact will be minimised during construction by:
- External working during normal working hours;
 - Informing residents and other businesses in the local area of working arrangements and notification procedures for necessary working outside of normal hours;
 - Maintaining equipment in good condition, and
 - Monitoring of noise levels during construction to ensure that noise impact is minimised.

4.5 Working Hours

- 4.5.1 The anticipated construction hours for the site will be as follows: 08:00 – 17:00, Monday to Friday.
- 4.5.2 Unless in exceptional circumstances, there will be no work carried out on Sundays and Bank Holidays. No operations will be carried out outside the permitted working times without prior consent from the Local Planning Authority.
- 4.5.3 Deliveries will normally be made between 08:00 – 17:00, Monday to Friday.

4.6 Housekeeping

- 4.6.1 All operatives **must** work in a manner consistent with the requirements of the CEMP and immediately clear waste and other debris generated by their work. Operatives must:
- Dispose of any waste in an appropriate manner in accordance with the CEMP;
 - Segregate waste appropriately for disposal, and
 - Ensure there is no litter that could become windblown and cause on or offsite nuisance.

4.7 Waste Disposal

- 4.7.1 All waste shall be disposed in accordance with waste disposal procedures.

4.7.2 No burning of waste or used materials will be allowed on site.

4.8 Traffic & Vehicles

4.8.1 During dry and/or windy conditions vehicles should be restricted to the minimum practicable speed limit in order to avoid creating dust problems.

4.8.2 During refuelling due care and attention should be paid with oil and petrol spills dealt with immediately.

4.9 Signs and Notices

4.9.1 All environmental signs and notices must be obeyed.

4.10 Emergency Contacts and Response

4.10.1 In cases of small accidental environmental incidents i.e. minor spill of oil etc., emergency response and remedial action shall immediately be carried out by the wrongdoer or the person who detected the spill.

4.10.2 All environmental accidents (spill of oil etc.) and any near-misses/dangerous environmental occurrences must be reported to the Site Manager.

4.10.3 The site access will display emergency contact details for the appropriate manager should an issue arise.

4.11 Means of Reporting

4.11.1 A daily Progress Report will be maintained by the Site Manager.

4.11.2 The Progress Report will include matters such as construction monitoring and environmental performance. It will also record any complaints and will identify the findings of any investigations and report on mitigation and system improvements as result of the investigation.

5 IMPLEMENTATION

5.1 General

5.1.1 The construction work will proceed in accordance with the Project schedule identified in Section 2.

5.2 Site Layout

5.2.1 Construction will take place wholly in accordance with the requirements of the planning permission.

5.3 Environmental Controls

5.3.1 There are environmental controls that need to be adhered to during the construction work to minimise impacts associated with:

- Noise;
- Air pollution, and
- Dust.

5.3.2 The environmental effects of construction will start at the onset of works as contractors mobilise on site and works commences then carry on through the construction phase when the prospect of noise and dust noise will increase.

5.3.3 A general description of the environmental factors is set out below.

Noise

5.3.4 Noise impacts will be localised, intermittent, of shorter duration and restricted to daytime hours.

5.3.5 The adoption of Best Practicable Means, as defined in the Environmental Protection Act 1990 is usually the most effective means of controlling noise from construction sites.

Air pollution

Dust

5.3.6 Air borne dust impacts are anticipated to be temporary and intermittent. Dust impacts include elevated levels of dust during which may affect the project workers, nearby residences and vegetation.

- 5.3.7 The use of bowzers will be employed in the event that dry and dusty conditions are encountered.

Emissions

- 5.3.8 Emissions will be generated by diesel driven vehicles and equipment for transportation of construction materials on and off the construction site and from light and heavy vehicles and equipment used for construction activities.
- 5.3.9 Such emissions will be controlled and a site policy of 'engine switch off' when idle. Such impacts will be localised, intermittent and of shorter duration and restricted to daytime hours.

5.4 Pollution Prevention

- 5.4.1 An overall Environmental Risk Assessment will be carried out for specific work activities which have the potential to give rise to environmental impact. Detailed activity specific risk assessments may be carried out on site for specific work activities, which have the potential for increase environmental impact if carried out without due diligence.

5.5 Oil Spill Contingency Plan

- 5.5.1 The most likely environmental hazard is the potential for oil spill, mainly diesel fuel, or lubrication oil.
- 5.5.2 Spills occurring while fuelling plant and equipment shall be controlled by use of suitable spill trays or similar methods.

5.6 Daily Environmental Monitoring

- 5.6.1 Daily "walk-around" informal monitoring of the site is the responsibility of anyone having a supervisory role and shall be a normal part of their daily presence on site.
- 5.6.2 The Site Manager on his/her daily site walk will monitor the site with due regard to environmental factors and discuss any observed matters with the concerned Supervisor or subcontractor.
- 5.6.3 Any breach of environmental regulations, environmental practice and the conditions of this CEMP shall always be reported and escalated as necessary to determine the appropriate remedial action.
- 5.6.4 A record will be kept and added to the Progress Report.

5.7 Contact Details

- 5.7.1 Contact details for the Project or site manager will be available before the formal commencement of construction date.
- 5.7.2 Contact details will be displayed on the access to the facility during the construction phase.