

**CONSTRUCTION ENVIRONMENTAL
MANAGEMENT PLAN**

**WATERLOO PARK
WATERLOOVILLE
HAMPSHIRE PO7 7XW**

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Construction Environment Management Plan (CEMP)

1. Introduction and Purpose

The Hargreaves Group of Companies is developing Waterloo Park, Waterlooville. The Applicant has prepared a Construction Environment Management Plan (CEMP) for the site for the Authorities approval.

Hargreaves is making adherence to the CEMP is a specific requirement of the construction contract that delivers the development and is to cover the management of a Main Contractor's activities and those of any sub-contractor working under the main contractor's control.

The CEMP defines the minimum requirements that have to be met and the obligations contained in this document will also be passed onto parties responsible for delivering the project.

Hargreaves requires that the Main Contractor awarded the construction contract will sign up to the Considerate Constructors Scheme for this development.

2. Scope of the CEMP

The CEMP addresses issues associated with:

- Noise and Vibration
- Air Quality
- Ecology
- Waste Management
- Construction Traffic Management
- Wildlife Management
- Emergency Plan

In the process of obtaining planning consent Hargreaves have addressed a number of environmental and practical concerns identified by the planning authority and will require the Main Contractor continues to responsibly manage the site during the construction process and will continue in liaison with the Main Contractor to responsibly manage these elements of the project at regular site meetings.

3. The CEMP Requirements

3.1 Noise and Vibration

The Developer and the Main Contractor awarded the Contract will follow best practicable means to reduce the noise effect on the local community including the following:

- Each item of plan used on the worksite will comply with noise limits
- Materials will be handled with care e.g., materials such as scaffolding, and steelwork will be placed rather than dropped.
- Drop heights of materials from Lorries and other plant will be kept to a minimum.

- The avoidance of driven piling, unless considered by the Main Contractors structural engineer will ensure noise and vibration effects during these works will be reduced.
- Machines in intermittent use will be shut down or throttled down to a minimum during the period of works.
- There is no piling proposed to be carried out at present.

During the construction phase, all works will be carried out in accordance with the recommendations as set out in British Standard BS 5228 in order to protect against noise and vibration for people living in close proximity to the construction site.

All construction will be carried during the permitted hours in accordance with the conditions imposed on the planning permission, except power floating will be carried out outside these hours once the concrete slab has been poured. It is proposed this will take 1 to 2 nights and communication will be carried out to notify residents in close proximity of the work being carried out. It is not considered power floating will have any adverse effect on local residents, but the site management team will mitigate any potential problems.

3.2 Air Quality

The location of the site and the planned construction activities do not give rise to a serious risk to air quality. However, contractors will be expected to take measures to minimise the presence of air borne dust during construction, all in accordance with the Report produced by Stantec dated January 2020.

The additional measures will also be taken:

- Design controls are to be implemented for construction equipment and vehicles, and appropriately designed vehicles are to be used for materials handling.
- Completed earthworks are to be vegetated as soon as practicable.
- The site is to be regularly inspected and site boundaries checked for dust deposits and removed as necessary.
- There is to be no burning of materials on site.

3.3 Ecology and the Protection of Retained Trees

Existing trees and hedges are to be retained wherever possible in accordance with the Barrell Tree Report and the Harris Lamb Ecology Reports respectively.

Trees and hedges that are to be retained will be clearly identified. In the event that trees and hedgerows have to be removed this needs to be outside the nesting season, and trees shall have been inspected to ensure that there are no bat roosts present.

Trees that are to be retained are to be protected in accordance with the Barrell Tree Report.

3.4 Waste Management

A Site Waste Management Plan is to be provided by the Main Contractor that includes the following:

- Organisational responsibility for the preparation and implementation of the plan.
- The types and quantity of waste anticipated.
- The measures that will be used to monitor delivery of the plan.
- The available options for waste management and preferences.
- The waste disposal sites and contractors that are proposed. All sites must be approved by the appropriate Waste Regulation Authority.
- Identify how hazardous and non-hazardous waste is to be disposed.
- Include how the necessary familiarization and training to make the plan effective is going to be implemented.
- The measures to be used to ensure the efficient use of materials and minimise the production of waste and its handling.
- The means of monitoring how much and what types of waste are produced.
- A review process that monitors performance against targets and implements improvement actions where appropriate. The review period is to be every 3 months.

3.5 Construction Traffic Management

The Main Contractor awarded the Contract so far as practicable will seek to reduce and manage the effects of construction traffic servicing the site, and movements associated with construction waste. We will minimise the requirements for materials to be imported and exported from the site. The Site Manager will monitor heavy good vehicle deliveries and collections of construction materials to and from the site.

During Construction, a vehicle wheel washing facility will be set up at the entrance to the site. All vehicles leaving the site will be inspected and, if deemed applicable, all mud and debris will be removed from the vehicles prior to them leaving the construction site.

3.6 Wildlife Management

The Main Contractor is aware that construction activities may affect wildlife and wildlife habitat.

Prior to Construction, a full inspection will be carried out to determine the presence of any active wildlife on the site. The Main Contractor awarded the Contract will seek to control and limit disturbance to areas of interest and will deal with any protected species, if applicable, in accordance with relevant legislation and accepted industry practice.

3.7 Emergency Plan

A set of standardised emergency response procedures will govern the management of environmental incidents. Construction contractors will be required to adhere to and implement these procedures and ensure that site operatives are familiar with emergency arrangements.

The emergency procedure will contain emergency numbers and the method of notifying the local authorities and statutory authorities. Contact numbers of key personnel will also be included.

4. Conclusion

The overall objective of this Construction Environmental Management Plan is to ensure that throughout the construction period, the following fundamental goals are all met so far as practicable: exemplary environmental practice; protection of the interests of local residents, amenity, and environmental receptors; and efficient, economic and timely construction practices.

This document will remain live so that as more information and detail become available it can be incorporated. It is felt the scope of the details outlined above are suitable for the nature of the works and the location of the subject property.