

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

Office and Industrial Development, Land North of Solent Road, Havant

General

The above project will be procured with a main contractor appointed to manage the construction of the new office building and industrial units.

The main contractor will be obliged to adhere to the requirements of this Construction Environmental Management Plan and develop it in further detail as required. The selection of a contractor and a programme of works is still to be agreed.

Contractor's Parking

The main contractor will be instructed to manage parking for vehicles of site personnel, operatives and visitors within the boundary of the site as far as is practicably possible. Designated parking areas will be maintained on site at all times and reassigned as works progress around the site.

Parking on Solent Road will not be permitted.

Management of Construction Traffic

- General construction traffic will be directed into site via the existing entrance on Solent Road.
- The site entrance point is shared with the Bosmere Medical Centre and the contractor will liaise closely with them to ensure vehicle access is maintained at all times. Pedestrians and cyclist arriving at the Bosmere Medical Centre will be encouraged to use the access point on Brockhampton Lane where possible.
- A banksman for the site vehicle entrance will be utilised to manage vehicle movements where required.
- Signs will be clearly visible to all vehicle drivers arriving at site. These will clearly note safety requirements, directions to the site and signing in requirements.
- Delivery/Waste vehicles entering site will be signposted to a designated waiting area on site. No vehicles will be permitted to wait on Solent Road. The driver will be expected to park up in this area and make the relevant subcontractor foreman aware of their arrival.
- Loading and unloading of plant and materials will be conducted in a safe manner utilising additional plant where required and relocated to its designated storage area.
- An on-site turning area will be provided on site.
- Uninterrupted access for emergency vehicles to the site and adjoining properties will be maintained at all times.

- It will be respective sub-contractor's responsibility to ensure that delivery times are arranged to avoid local congestion. Where possible, major plant and equipment deliveries on HGVs will generally be outside of the AM (08:00-09:00) and PM (17:00-18:00) peak hour periods.

Public transport

Site operatives will be encouraged to use public transport to get to site. There are several bus routes that operate close to site and these are accessed via stops on Park Road South, including numbers 30, 31 and 700. Service 74 is also advertised at request stops by the site access.

Bedhampton and Havant Railway stations are both approximately 1km from site, north-west and north-east, respectively. These provide frequent services to Littlehampton, Portsmouth Harbour, Portsmouth & Southsea, Fareham and Southampton.

Vehicle sharing will be requested of all sub-contractors.

Wheel washing

All vehicles leaving the site will be checked by the gateman for the presence of mud, materials or contaminations and if present it will be washed off. The cleanliness of the haulage road will be monitored by the Site Manager and cleaned if necessary.

An area of hard standing will be created by the delivery gates where vehicles wheels can be cleaned with a power washer if necessary.

Highway condition surveys

The contractor will be responsible for preparing a before and after construction condition surveys of the highway areas immediately adjacent to the site and will be required to repair any damage caused.

Control of Noise

The Contractor is required to comply with BS 5228 Code of practice for noise and vibration control on construction and open sites, (Parts 1 and 2), in order to minimise any potential disruption.

The contractor will utilise methods and materials to ensure that the generation of noise is minimised throughout the development.

The contractor will ensure management processes are in place for the following:

- Review of plant and activities to ensure noise minimisation measures are in place and operating;
- Public relations, e.g. provision of telephone numbers for complaints, pre-warning of noisy activities, sensitive working hours;
- Where possible, controlling of site traffic and setting up of access routes away from sensitive receptors;
- Provision of noise monitoring during activities likely to affect sensitive receptors.

The contractor will be responsible for the execution of the CEMP and will ensure that appropriate personnel understand their responsibilities in terms of the minimisation of noise and the appropriate reporting and dealing with incidents. The contractor will also be responsible for identifying and organising appropriate training.

Strict controls on the sequencing of works and providing noise protection would be developed on an activity-by-activity basis. These would include:

- The positioning of static plant away from properties.
- Mobile plant to be turned off when not in use.
- The use of percussive plant would be avoided where alternative non-percussive plant is available for a given task. All relevant items of plant are to be fitted with effective silencers of a type recommended by the manufacturer.
- Use of radios, sound systems, tannoy will not be permitted apart from under emergency conditions.
- Cutting operations or other noisy tasks will, wherever possible, be undertaken at times and in locations so as to keep disturbance to adjacent occupiers to a minimum.
- Where vehicles are standing for a significant period of time, engines to be switched off.

Control of Dust

Breaking out existing hardstandings (tennis courts) or other similar material is to be undertaken in a thoughtful and precise manner to ensure that movement of materials is kept to a minimum thus reducing the amount of dust emissions that are released into the air. This type of activity will only occur during the demolition of the existing buildings on site, which is not covered by the planning application.

The production of dust during the construction phase of the development is expected to be minimal, but as an added measure, if required various dust suppression methods will be implemented to ensure that any dust fallout from the construction activities on site is mitigated and reduced to an acceptable level. These will include:

1. Debris netting will be provided to site fences and gates if required.
2. When required, high pressure jets will be used to produce a fine mist which will dampen down materials that are likely to produce dust. These types of machines are known as “dust buster” dust suppression systems (Vortex Mini Mobile Fan / Vortex Rotary Atomiser Mobile or similar). These machines will dampen down dust and where required, additional damping down will be conducted using fire hoses and spray nozzles.
3. Machinery utilising attachments along with mobile crushing plant will also have spray nozzles attached that will assist to ensure any dust and debris fallout is controlled at source.

Control of Surface Water Run Off

Construction phase operations will be undertaken in accordance with guidance contained within the Environment Agency Pollution Prevention Guidelines.

There will be no pumping into foul or surface sewers without the permission of the water board or the Environment Agency.

Prior to the installation of permanent hard pavings and drainage infrastructure the Contractor will be required to monitor the on-site conditions regarding ground permeability, infiltration and standing water. As and when required the Contractor shall undertake such temporary works that are necessary to prevent discharge and run off from the site using methods such as bunding, trenching and swales.

The contractor is to prevent contamination effecting the ground water table and nearby water courses and to work in strict accordance with the EA Pollution Prevention Guidance Notes. These provide advice on statutory responsibilities and good environmental practice. The Guidance Notes of particular relevance to the site are:

- Pollution Prevention Guidelines Note 1 (PPG1) – General Guide to the Prevention of Pollution - provides an introduction to the prevention of pollution from a variety of sources;
- Pollution Prevention Guidelines Note 2 (PPG2) – Above Ground Oil Storage Tanks - offers advice on storage options, equipment and its maintenance and how to deal with spills;
- Pollution Prevention Guidelines Note 3 (PPG3) – Use and Design of Oil Separators in Surface Water Drainage Systems - provides guidance on when oil separators are appropriate and what size and type of separator are required;
- Pollution Prevention Guidelines Note 5 (PPG5) – Works in, Near or Liable to Affect Watercourses - provides guidance on general precautions to take when working in the vicinity of a watercourse, along with more specific measures to take to prevent contamination and to minimise any adverse effects;
- Pollution Prevention Guidance Note 6 (PPG6) – Working at Construction or Demolition Sites - repeats much of what PPG5 presents, but concentrates specifically on the situations likely to occur at construction sites;
- Pollution Prevention Guidance Note 7 (PPG7) – Refuelling Activities - provides information on the correct delivery, storage and dispensing of fuel to help reduce the risk of pollution; and
- Pollution Prevention Guidance Note 21 (PPG21) – Pollution Incident Response Planning, - contains advice for those developing Site-specific pollution incident response plans to help prevent and mitigate damage to the environment caused by accidents such as spillage and fire.

Site Security Arrangements including Hoardings

The current site fencing and boundary features will be maintained. Additional metal fencing will be used along the northern and western boundaries with the stream. Vehicle and pedestrian gates will be incorporated to the main access point of Solent Road as required.

Construction Working Hours

Working hours would be restricted to "normal working hours", these are anticipated as being:

- Mon-Fri 0800 to 1800;
- Saturday 0800 to 1300;
- With occasional working on Sundays and Bank Holidays (essential or traffic related works only).

Considerate Constructors Scheme

An authorised, responsible person will be nominated from within the appointed main contractor's organisation in due course. The main contractor is obliged to register this project with the Considerate Constructors Scheme which requires that he put in place mechanisms for addressing complaints, monitoring, public liaison, prior notification works, etc. The Considerate Constructors Scheme Code of Practice includes:

- **Consideration:** All work to be carried out with positive consideration to the needs of all potentially affected parties and the environment in general;
- **Environment:** Minimising noise and dust from construction, use of local resources where possible, attention to waste management and the implementation of the waste hierarchy (reduce, re-use, recycle) and the avoidance of pollution;
- **Cleanliness:** The working site to be kept clean and in good order at all times;
- **Good Neighbours:** Full and regular consultation with neighbours including adjacent traders and businesses regarding programming and site activities;
- **Respectful:** Respectful and safe standards of dress shall be maintained. Lewd or derogatory behaviour will not be tolerated under threat of severe disciplinary action;
- **Safe:** Construction operations and site vehicle movements are to be carried out with great care and with consideration for the safety and security of the general public and site personnel;
- **Responsible:** Considerate Contractors will ensure all site personnel and any other persons working on the site understand and implement the Code;

End.