

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN

57 Grimshaw Lane

manchester



1.0 INTRODUCTION

1.2 Background

1.3 *This site-specific Construction Environmental Management Plan (CEMP) has been prepared in support of a planning application for the construction of a new dwelling on a vacant plot of land adjacent to 57 Grimshaw lane M40 2AX.*

1.4 *The overall objective of this CEMP is to ensure that, throughout the construction period, any disruption is kept to a minimum.*

2.0 GENERAL CONSTRUCTION SITE INFORMATION

2.1 Health & Safety

2.2 *Guidance takes the task of building a new dwelling and the resulting obligations for the welfare of staff, contractors, occupiers, and residents very seriously.*

2.3 *The Site Manager will be responsible for the implementation of the CEMP.*

2.4 *First Aid kits will be available on site. Directions to the nearest A&E Hospital department will be displayed in both the site office and welfare facilities.*

3.0 Emergency Procedures

3.1 *At the project planning stage, it is essential to think through the possible incidents and emergencies which could arise during construction works and plan accordingly via risk assessments and an emergency response plan.*

3.2 *The emergency response plan will be communicated to all site staff at site induction and will include pollution incidents such as spillages, failure of temporary works, bank collapse, vandalism and fire or extreme weather events such as heavy rainfall, flooding, severe frost, and snow.*

3.3 The site is a small vacant plot of land therefore speed limits and warning signs will not be necessary due to limited activity and absence of heavy machinery likely to be present on site at any time.

4.0 Duration & Timing of Works

4.1 The project has a duration of approximately 12 months from commencement subject to weather conditions.

4.2 The core working hours in keeping with accepted industry standards will be 0800 to 1800 Monday to Friday and 0800-1300 on Saturdays. There will also be no Sunday or Bank Holiday working for plant and machinery.

4.3 However, in order to maximise productivity within the core working hours, start-up and close-down periods of up to an hour before and after core working hours may be used for activities such as arrival of workforce and staff; deliveries and unloading; movement to place of work; maintenance and checking of plant and machinery; general refuelling; site inspections and safety checks prior to commencing work; site meetings; and general site clean-up and departure.

4.4 It will not include operation of plant or machinery likely to cause a disturbance. These periods will not be considered an extension of core working hours.

5.0 SITE CONSTRUCTION PLAN

5.1 All construction traffic will be restricted to normal working hours which will be 0800 to 1800 on weekday during the summer period and 0800 to 1630 during the winter period and 0800 to 1300 on Saturdays (there will be no working on Sundays or Bank holidays). The site entrance is restricted to an unadopted road. Signage near the entrance of Roadside Farm will provide notice for all construction traffic.

6.0 Deliveries

6.1 making deliveries to the site will be carefully planned by the site manager to avoid peak traffic periods and the 'backing up' of lorries through the effective coordination and storage of materials to minimise unnecessary deliveries.

6.2 Off-loading will only take place on the existing highway network for large deliveries IE concrete and brick deliveries, small deliveries can be subject to vehicle size down the gated alley way.

6.3 Vehicles collecting waste material skips from site will also be carefully planned and will be covered with sheeting or netting prior to leaving the site.

7.0 Construction Vehicles

7.1 Where construction vehicles are operating or being used on roads or other areas where the public have access, roof beacons and headlights must be used.

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7.3 Where specific hazards may produce additional risks to traffic movements, a physical barrier will be put in place.

7.4 Different vehicles could be used during construction.

8.0 Parking

8.1 During construction, designated site operative parking will be in areas.

9.0 STORAGE & COMPOUND DETAILS

9.1 Compound

9.2 Materials Storage

9.3 General materials will be stored safely and securely in designated areas of the compound after careful consideration of the position of existing properties with material set-down points as required and forklifts used for material delivery, handling etc. where necessary.

9.4 Materials such as bricks, blocks, steels, timber, and any similar materials that require stacking must be stacked on a good firm level base to prevent any unwanted movement of the materials.

9.5 Timbers must be de-nailed and stacked in a manner so that they cannot be easily displaced. Packing should be used underneath the stack so that forks or slings can be used to reposition them later.

9.6 Steel/reinforcement bars prefabricated units must be stacked in an area adjacent to the works to reduce the amount of handling and carrying. Timber packing must be used underneath steel; this will

9.7 allow for forks and slings to be positioned for the next movement and help to prevent accidental slips of the materials.

10.0 Waste

10.1 Waste is to be removed as it is produced. Incoming deliveries will be controlled to match production & available space. Any surplus materials will be returned to storage area(s) and not left around site. Restock surplus materials to be returned from site in good order.

11.0 Liquids & Fuels Storage

11.1 There will be no need for liquid and fuel storage area.

12.0 Plant

12.1 At the end of the day, mobile plant will be parked and made secure, the ignition key removed, the cab locked and any windows and covers closed.

13.0 FENCING & SECURITY DETAILS

13.1 Secure fencing will be erected around the site boundary and the part of the site with access to the construction site restricted to normal working hours which is set out in 5.1 above.

14.0 Security

14.1 The fencing around the part of the site will prevent any access from members of the public to the construction site and ensure that the occupied areas of the development are separated from the areas under construction with signs clearly defining the boundary of where the construction site begins. The fencing will be checked regularly to ensure it is in sound condition and records kept.

15.0 NOISE & VIBRATION MANAGEMENT PLAN

15.1 Noise

15.2 The processes anticipated for the construction of the site do not present a significant continuous noise nuisance as far as reasonably

practicable, control and limit noise and vibration levels generated during construction so that affected properties and other sensitive receptors are protected from excessive noise and vibration levels associated with construction activities.

16.0 DUST EMISSIONS AND ODOUR MANAGEMENT PLAN

16.1 Dust

16.2 The processes anticipated for the construction of the site do not pose a long-term threat to air quality but there is likely to be some localised impacts during certain construction activities.

16.3 Complaints can also be avoided by adopting good working practices:

- a) Identify sensitive receptors and inform the authorities of any nuisance that may occur.*
- b) Instigate control measures to mitigate any negative impacts; and*
- c) Develop a monitoring regime to record dust conditions while noting weather conditions, construction activities, their location and duration on site.*

17.0 Dust Suppression

Roads and footpaths will be constructed to base course as soon as practicable; the length and width of haul roads will be minimised to reduce the surface area; heavily used areas will be paved and swept regularly; vehicles movements will be minimised, and they will stick to the site speed limit as slower speeds generate less dust.

17.1 All plant machinery and vehicles likely to cause dust will be suitably covered.

17.2 Stockpiles will be sealed to prevent wind whipping.

18.0 Damping Down

18.1 Dust will be controlled by damping down with hoses or bowzers as required in unpaved work areas and areas subject to traffic or wind. Fine spraying of water is the most effective way to suppress dust with regular repeat spraying, especially during windy and sunny weather

when water will evaporate quickly, whilst minimising run-off into drains and watercourses.

19.0 Monitoring Regime

19.1 A monitoring regime will be in place which will note weather conditions, construction activities and their location and duration on site.

20.0 Emissions & Odours

No burning of waste materials is to occur on site.

20.1 Site toilets will be positioned so effluent tanks are as far away from occupied dwellings as possible.

20.2 No other processes are anticipated that will emit noxious odours or airborne pollutants.

21.0 CEMENTIOUS METHOD STATEMENT

21.1 Method Statement

21.2 Cement bags will be sealed after use to prevent leaks and dust. Large areas of concrete will be swept down to reduce the dust present. Concrete, cement, and mortar materials will be stored away from any watercourses or drains. The COSHH procedures will be followed by those working with cementitious materials to reduce the risk to health.

23.0 Bats

23.1 If any bats are discovered during the works, owing to the strict legal protection afforded to bats and their roosts, works are likely to require a European Protected Species (EPS) Mitigation Licence from NRW before works can continue.

24.0 Breeding Birds

24.1 Any areas of habitat suitable for nesting birds or containing active bird nests may need to be removed to facilitate development. Therefore, the timing of any construction works must consider the breeding bird season which lasts from March to September.

24.2 As breeding birds are at risk of being disturbed, killed, or injured during the construction process, any retained areas that are a suitable

habitat for breeding birds will be protected from accidental damage through the use of protective fencing.

25.0 Proposal

26.0 To compensate for the proposed habitat losses at the site, the following habitat creation measures could be incorporated: Planting of native trees and shrubs at a replacement ratio of 2:1.

26.1 Construction

Construction should be undertaken outside the period 1st March to 31st August. If this time limit cannot be avoided, a close inspection of the trees, grassland (for ground nesting birds) and scrub should be undertaken immediately, prior to the commencement of work. All active nests will need to be retained until the young have fledged.

Prepared by J N Marsden on Behalf of Plans2extendltd on 03/09/2024.