

CONSTRUCTION ENVIRONMENTAL MANAGEMENT PLAN (II)

The project is converting a single storey barn into a residential property. The property is within an area owned by my family with access through an existing farm road that will be used to import all materials required for the project.



A) Information relating to the points of access into the site during construction works:

We will plan works to ensure safe access and exit. Vehicle access and exit will be through the new entrance to the property at Pillmawr Farm. Deliveries will be planned to avoid busy times, arrangements made for pre-arranged deliveries on larger items, movement of all large vehicles will be overseen by banksmen. Where possible, materials to be delivered in time for use, to help prevent congestion on the small site. Loading and unloading of plant and materials to take place within the site boundary and on clean hardstanding.

B) A scheme to provide for a suitable wheel-cleaning facility:

The chance of dirt being carried out onto the public highway are highly unlikely throughout the project as there is already 350m of existing gravel track, before joining the highway and vehicles will not travel over mud at any point during the delivery or return journey. A concrete apron will be laid over the first 15m from the highway junction with the access track. A cattle grid will be sited at the junction of the concrete and the existing hardcore track. Any deleterious materials will fall into the pit of the cattle grid, which will be periodically cleaned out to ensure effectiveness (see accompanying plans).

C) A scheme to deal with noise control during construction:

Work will be planned to reduce noise on site which may affect site personnel and surrounding occupants / members of the public. Noise will be controlled by using modern machinery, maintained in good condition and where practicable fitted with sound deadening devices.

With the project being quite isolated from any neighbouring properties noise control is manageable with any works with higher noise volumes to be carried out within the working day.

HOURS OF OPERATION

The hours of operation will be in accordance with the Planning Conditions and are as follows:-

- Monday - 07:30 – 16:30
- Tuesday - 07:30 – 16:30
- Wednesday - 07:30 – 16:30
- Thursday - 07:30 – 16:30
- Friday - 07:30 – 16:30
- Saturday - 07:30 – 12:30
- Sunday - (non working)
- Public Holiday – (non working)

The following will apply:

- Noise will be monitored by ear
- Noise will be monitored close to each individual activity, i.e.: excavations
- Any activities which create unacceptable noise will be ceased, and alternative methods/machinery will be considered

D) A scheme to deal with dust prevention and control:

It is inevitable that a small amounts of dust will be produced as result of the construction works, which could create a nuisance to the local environment if not controlled. However, our work will be planned and managed to minimise dust.

Possible Hazzard/s	Mitigation
Wind blowing dust from ground surfaces, stockpiles, vehicles, work faces and cutting and grinding materials. Exhaust emissions from lorries and plant delivering and removing materials including dust and particulates.	Site Planning • Plan site layout – machinery and dust causing activities should be located away from sensitive receptors. • All site personnel to be fully trained and made aware of the risks • Responsible manager on site during working times to maintain logbook and carry out site inspections • Surface haul road already in place. • All vehicles to switch off engines – no idling vehicles • Use of water bowser to dampen down haul/access routes. • All loads entering and leaving site to be covered • No site runoff of water or mud. • Minimise movement of construction traffic around site through planning of activities. • Hard surfacing and effective cleaning of haul routes and appropriate speed limit around site Site Activities • Minimise dust generating activities, especially during periods of high/gusty winds. Observation of wind speed and direction prior to determine the potential for nuisance to occur • Use water as dust suppressant where applicable • Cover or fence stockpiles to prevent wind whipping, with storage of materials and spoil as far away from sensitive areas. • The completion of earthwork, such as perimeter landscaping as a priority to provide a physical barrier between the site and surroundings. The covering of completed earthworks with vegetation as soon as possible. • Machinery, fuel and chemical storage and dust generating activities should not be located close to boundaries and sensitive receptors if at all possible. • Impose an appropriate speed limit around site. • All dusty activities should be damped down, especially during dry weather.

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| <ul style="list-style-type: none"> • Minimise drop heights to control the fall of materials. • Whenever possible keep stockpiles or mounds away from the site boundary, sensitive receptors, watercourses and surface drains. • Wherever possible, enclose stockpiles or keep them securely sheeted • The use of portable work equipment that has built in dust suppression |
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E) Site Waste;

Skips will be sited when needed with any site waste, and disposed of in line with environmental legislation. With most materials being recyclable, open skips could be used if so these will be kept covered at all times with tarpaulins and will be removed when full.

F) A management plan to deal with the parking requirement for both construction trades and other visitors during the construction phase:

Limited parking will be available onsite. With it being a small private project, it will be easy to restrict the number of vehicles requiring parking with only one or two personnel on site at one time.

G) Resource management details - Including material storage.

An onsite steel container will be used to store smaller materials and tools, and will be locked away after working hours. Chemical storage (petrol/diesel) will be used with small steel liquid containers used and stored into a lockable box inside the onsite container, only keeping what is being used onsite at one time. Water used on site will be rainwater collected off the existing roofs, stored inside a water browser. The energy used on site will be provided by a temporary diesel generator until an electric supply is connected from national grid.

H) Pollution prevention

There will be a chemical spill kit onsite at all times incase of any chemical spillages, also will be a designated wash out area for cement mixers/concrete trucks, will any spillages being cleared after each activity to stop any chance of any contamination. The nearest water course is over 150m away from the site boundary and any water run-off will be monitored frequently. The amount of excavation on the project is minimal as there is already an existing building and the surrounding area is already gravel, so the roof runoff from the property will not change.

I) Tree protection areas

Tree Protection and root protection will be managed by having suitable buffer zones around the tree line and hedges, with a temporary fence being installed to create a exclusion zone. Root protection barrier will also be installed around the existing trees and hedges to prevent any damage.

Contact Details for the person responsible for the bodies and activities responsible in the CEMP

Kelan Baker who is the Owner of the land and buildings

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