

**CONSTRUCTION METHOD  
STATEMENT**

**Whitwell Acres  
Shincliffe**

## **SITE OVERVIEW:**

Scope: Development of a New Dwelling with associated parking.

Site Address: Land East of Avenue House, Off Whitwell Acres, Shincliffe

## **SITE PERSONEL:**

Construction Manager: TBC

Site Manager: TBC

## **WORKING HOURS:**

External construction works, works of demolition, deliveries, external running of plant and equipment: -

8am – 6pm Monday to Saturday

No working or deliveries permitted on Sundays, Bank and Public Holidays.

## **CONSTRUCTION TIMEFRAME**

Approx 12 Months.

## **COMPOUND & WELFARE FACILITIES:**

We will be setting up compound and welfare facilities on site as located on the construction management plan.

- 1 No. Drying room
- 1 No material store will be provided.

Prior to the final permanent compound position a temporary lay down and car parking area will established just inside the site entrance, this will have basic welfare facilities to enable works to commence.

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## **PUBLIC RELATIONS:**

The site management team will be in attendance during working hours and will also be available to answer any queries, the number for which will be displayed on the site signage.

## **NOISE POLLUTION:**

Site noise will be monitored in line with our group risk assessment procedures and measures taken as and when required.

## **ACCESS AND EGRESS:**

- Pedestrian safe zones and routes are established and will be clearly highlighted by the use of signage on site.
- Access to build areas will be restricted and segregated as required.
- Site Construction operations segregation and Residents / General public to be maintained at all times, and inspected periodically.
- Site Access and egress will be monitored by site personnel.
- Consideration will be given to access requirements for adjacent public areas.
- Access & Egress and general hazards, will be clearly indicated through the use of signage, please see construction plan for further details.
- Fire assembly points will be clearly marked and highlighted through site inductions.
- All deliveries to be off the public highway and measures in place to prevent queuing of vehicles onto the highway
- All vehicles to leave site in a forward gear.

## **LOADING & UNLOADING OF MATERIALS & PLANT:**

The storage location of materials and plant is to be located adjacent to the compound location as shown on the construction layout.

There is to be an initial material lay down area at the entrance of the site which will be utilised until access to the compound has been provided.

A banksman will be utilised for all vehicle reversing and the offloading of materials etc, as and when required.

## **SECURITY ARRANGEMENTS:**

Full height security fencing will be used around the perimeter of the site, which may display images of the development. This would typically be herras fencing but may also include some timber hoarding.

Inspections of boundaries will be undertaken periodically and at the end of every working day by a nominated operative, to ensure the site is secure.

## **TRAFFIC MANAGEMENT:**

Construction traffic will enter site off Whitwell Acres Initial site traffic will enter site via existing field access whilst permanent access is constructed. Suitable signage will be installed directing construction traffic.

Construction traffic should be directed to approach site via the A177 where possible utilising the classified road network in accordance with any local legal restrictions.

## **PARKING FACILITIES:**

Permanent Parking facilities for site personnel is to be located on-site of compound area. Temporary car park will be located near to site entrance until final car park is formed.

## CONSTRUCTION DUST MANAGEMENT PLAN

Roles and Responsibilities:

Principle Contractor and named person tbc will be responsible for management and implementation of CDMP on site.

### Enabling Works

Name	Position	Company
tbc	tbc	tbc

### Site Works

Name	Position	Company
TBC	Site Manager	tbc

The principle contractors at enabling and main construction phase will appoint the people responsible for management and implementation of the DMP. The appointed people should be 'technically competent', either by way of IAQM / other body membership/qualification and/or wide experience of similar projects/sites.

Each subcontractor must also be familiar with the control measures and procedures outlined in this Plan.

Potential receptors that may be affected by dust emissions from the site:

Potential Receptors	Expected Duration
Visitors to the offices and site during working hours and generally for short periods only/temporary.	<ul style="list-style-type: none"><li>• Temporary during the construction phase only.</li><li>• 08:00 to 18:00 Monday to Saturday</li></ul>
Workers occupied in construction works at the site.	
Residents' properties surround the site to the north, south and west within 80m.	
Traffic users on surrounding roads, particularly Whitwell Acres	

## SOURCES OF DUST GENERATION

It is anticipated that the following activities have the potential to cause dust from construction works associated with the Development. They are summarised in

the following table with a brief explanation of each activity with regards to dust generation.

Activity and Sources of Dust	Construction Phase - Description of Activity
Earthworks – Stripping and levelling soil profiles	Earthworks at site will primarily involve excavating material, haulage, tipping and stockpiling.
Stockpiling of topsoil	Topsoil locations following site strip will be either taken off site or stored in locations noted on construction plan.
Ground levelling, excavations, trenching and earthmoving	Preparation for construction of buildings, drainage system, access roads to public highway and preparation for hardstanding areas e.g. parking areas. Preparation of vegetated areas.
Construction of buildings, site drainage system, hardstanding area, and access road	This will involve bringing in, tipping and spreading of materials on-site; concrete tipping and levelling; bulk storage of construction materials; use and movement of above-ground plant including tele-handlers; road construction.
Material cutting e.g. concrete/paving/stone	Most materials will be brought in to specified sizes and this activity will be limited to an occasional requirement to cut materials to size for final fitting and installation.
Tracking of mud and dirt	Removal of dirt and mud from the construction site to the public highway network.
Removal of waste materials from site, pre-operational clean-up, removal of construction plant.	Once construction has been completed, the site will be cleaned and made tidy. Dust generation will be minimal and primarily created from travel movements and dust sweeping activities.

## DUST EMISSIONS PREVENTION MEASURES

The following tables summarise the measures that will be carried out to prevent dust emissions during construction activities

### General

- Although site traffic is unlikely to pick up speed due to the size of the site, a speed limit of 10mph shall be adhered to.
- Daily check of site activities shall be carried out by the *Site Manager*.
- Dust generation sources shall be dampened with water as and when necessary particularly during dry periods.
- Fencing will be erected around the site boundary as appropriate. The need for enclosed fencing around individual dust generating activities (long term and short term) shall be determined by the Site Manager in consideration of the potential for dust to be generated and its proximity to a sensitive receptor.

- Dry sweeping of tarmacked areas shall be avoided during windy conditions.
- Water shall be applied to surfaced areas such as tarmacked areas during dry and windy weather.
- Storage piles of bulk materials including soils shall be covered and anchored in a manner that prevents the cover being removed by wind action.
- Visual checks on wheels and body of HGVs leaving site shall be carried out to prevent mud (and then dust) being carried off site.
- No bonfires shall be allowed on site.
- Idling of construction traffic or plant shall not be allowed and engines shall be switched off when not in use.
- Training for all construction and operational staff including tool-box talks shall be provided regarding prevention of emissions from the site before construction works begin.
- All dust complaints received shall be recorded in order to identify causes and take appropriate measures to reduce emissions to acceptable levels.
- An Environmental log-book or hard copy diary shall be kept on-site to record: visual checks, plant maintenance checks, daily weather information, date, time, road sweeper times, complaints and any information regarding additional dust mitigation taken that differs from day to day operation. The log-book will be available to the Local Authority upon request.

#### Earthworks

- Sealed surfaces shall be maintained for as long as possible by removing soils (e.g. grassed) only when working of the area is required.
- Earthworks and exposed areas shall be re-vegetated to cover the topsoil, as soon as practicable

#### Stockpiling

- Visual inspections of all stockpiles of material shall be undertaken and water suppression shall be carried out as necessary, to prevent fugitive emissions.
- If the soil is in a very dry state, it shall be sprayed with water mist during handling, but the spraying should not be excessive to avoid making soil wet and plastic.
- The height of the topsoil stockpiles shall not be any more than 2.5m in height to minimise the drop heights.

- The formation, maintenance and excavation of soil stockpiles shall be carried out in accordance with the Soil Management Plan.
- If stockpiles are to be stored for a period of more than 6 months, the stockpiles shall be seeded with grass/clover mixture to protect the soil against erosion.

#### Construction

- Scrabbling of the concrete shall be avoided where practicable
- Sand and other aggregates shall be stored in bunded areas and shall not be allowed to dry out, unless this is required for a specific process or operation.
- Cement and other fine powder materials shall be delivered in enclosed tankers and stored in silos with suitable emission control systems to prevent escape of material and overfilling.
- Seal and store fine powder materials to prevent dust escape e.g. closing concrete bags.

#### Tracking of Dirt/Mud

- All heavy-duty vehicles leaving site shall be fully sheeted.
- Visual observations shall be undertaken and an onsite water bowser shall be deployed should these roads require to be dampened.
- Hard surfaced roads and working areas shall be kept clean and free of mud and debris with the use of a road sweeper, where practicable. Increased use of the sweeper shall be considered during dry and windy conditions.
- No materials shall be kept in open topped heavy-duty vehicles after the site closes, each day.
- Dry sweeping of large areas shall be avoided.
- Road sweeping shall be undertaken as required.
- Road conditions will be monitored daily and proposed mitigation increased as required, this may include wheel washing or wheel shaker systems.
- Surface water runoff from the site to the public highway shall be avoided.



## **Visual Monitoring**

Activities with the potential to cause dust emissions will be monitored. Daily visual checks and additional checks during adverse dust generating conditions will be undertaken by the appointed person highlighted in the CDMP. Visual checks to include checking of nearest receptors to include window cills etc. Increased dust suppression using water/bowsers in adverse dust generation circumstances (i.e. high winds or dust visually seen blowing from site) shall be carried out. If the emissions are not curtailed with the water suppression techniques, the Site Manager will suspend or cease the operations until the high wind conditions have subsided.

Provision of Personal Protective Equipment (PPE) such as approved dust masks, shall be used by the Contractors in the events that dust emissions are accidentally generated. All personnel and operatives shall be advised of their roles to minimise the generation of dust. Suitable dust mitigation measures shall be deployed based on visual observation, log book records and weather conditions.

## **COMPLAINTS**

In the event that any complaints are received regarding dust, details of the complaint will be logged in the environmental log-book and potential sources or occurrences on site shall be investigated. Records of all complaints and remedial action shall be held on site within the dedicated log book.

In the event that the primary dust control measures fail or are insufficient during conditions of high wind and dust is visibly being transported off site, works shall be suspended until a time when wind conditions lessen or the dust control measures adequately stop dust transportation off site.

The results of the complaint investigation and the measures taken to resolve the complaint will be made available to the Local Authority upon request.

**NOISE & VIBRATION:**

Site noise will be monitored in line with our group risk assessment procedures and measures taken as and when required.

**WASTE MANAGEMENT:**

Individual waste bins and skips will be provided on site to divide the waste, and recycle accordingly.

Reconomy are the appointed waste management company for the site. Please refer to the site waste management plan which details the predicted amount of waste to be recycled throughout the build.

**CONTAMINATION – CONDITION 17**

In the event that contamination is found at any time when carrying out the development that was not previously identified, it must be reported in writing immediately to the Local Planning Authority. Development must be halted on that part of the site affected by the unexpected contamination.

Where required by the Local Authority an investigation and risk assessment must be undertaken, and where remediation is necessary a remediation scheme shall be submitted to and approved in writing by the Local Planning Authority. Following completion of measures identified in the approved remediation scheme a verification report shall be submitted to and approved in writing by the Local Planning Authority.