

Dust Management Plan

Development at:

Land off Quarry Road,
Brynteg,
Wrexham,
LL11 6AB

Dust Control Measures

Developers will need to ensure that all on-site contractors follow best practicable means (BPM) at all time to minimise dust and emissions. The following identifies the activities that are most likely to produce dust and outlines BPM. These measures have been intended to be stringent but achievable to deal with the specific air pollution problems facing Contractors.

Pre-site preparation

For all sites with areas of open ground that are close to receptors, contractors should follow best practice to prevent dust from being generated outside the boundary. Machinery and dust generating activities are not located close (or in the direction of prevailing wind) to boundaries and sensitive receptors.

Site Planning

- Locate dust activity away from sensitive receptors.
- Contractor to minimise movement of construction traffic in and around site.
- Erect Heras fencing to site boundary
- No bonfires
- All site personnel to be fully trained
- Trained and responsible manager on site during working times to maintain logbook and site inspections.
- Put in place dust real-time monitors across site.

Haul Routes / Construction Traffic Surface of Haul Routes/Roads:

As this site is close to a highway; haulage vehicles traveling on un-surfaced areas will be minimal. Contractor to use the hardstanding area to the front of the existing garage and the new hardcore laid for the private access road for construction vehicles during the demolition works and removal of materials from site. Thus, minimizing the dust created with the movement of haulage vehicles. This area is to be the loading area and material deliveries to site.

On Site Regulations

- All vehicles to switch off engines – no idling vehicles.
- Hard landscaping of haul routes or use of a suitable dust suppressant.
- On-road vehicles to comply to set emission standards (eg Euro IV) Non Road Mobile Machinery (NRMM) should be fuelled by ULSD and fitted with exhaust after-treatment where available.
- All loads leaving site to be covered.
- No site runoff of water / mud.

Demolition Works

- Use water as dust suppressant plus a suitable wetting agent.
- Water sourced from appropriately sized water bowser.
- Use enclosed chutes and covered skips.
- Cutting equipment to use water as suppressant or suitable LEV (local exhaust ventilation).
- Should a crusher/screener be used on site contractor to ensure it is adequately suppressed for dust and that water bowsers are fully operational.

Earth Moving Works

- Not on dry or windy days
- Use water as dust suppressant plus suitable wetting agent where applicable.
- Re-vegetate earthworks and exposed areas

Site Activities

- Minimise dust generating activities on windy and dry days.
- Use water as dust suppressant plus a suitable additive binder/suppressant where applicable.
- Cover, seed and fence stockpiles to prevent wind-whipping.