

9 Pentre Tai Road, Bassaleg, Newport, NP10 8RN

Construction Environmental Management Plan.

1. Introduction

This Construction Environmental Management Plan (CEMP) sets out the procedures and mitigation measures that will be implemented during the demolition, site preparation, excavation and construction phases at 9 Pentre Tai Road. Its purpose is to ensure that construction activities do not adversely affect neighbouring residents, highway safety, or the local environment.

2. Noise Mitigation Measures

Construction works will be undertaken with regard to the need to minimise noise disturbance to nearby residents.

2.1 Working Hours

- Monday–Friday: 08:00–18:00
- Saturday: 08:00–13:00
- No works Sundays or Bank Holidays

2.2 Noise Control Measures

- All plant and machinery will be fitted with effective silencers and maintained regularly.
- Idling of engines will be prohibited. Engines must be switched off when not in use.
- Where possible, electrically powered equipment will be used instead of diesel.
- Drop heights for materials will be minimised, and loading/unloading will be undertaken carefully.
- If any high-noise activities are required, neighbours will be notified 48 hours in advance.

3. Dust Suppression Measures

Dust has been identified as a potential environmental risk during demolition and groundworks. Measures to reduce dust include:

3.1 Dust Control Procedures

- Water spray / misting will be used to damp down working areas during demolition, excavation, cutting or breaking operations.
- Stockpiles of loose materials will be covered or kept damp.
- Hard surfaces will be swept or dampened. no dry brushing will occur.
- Skip lorries will be covered before leaving the site.
- Cutting, grinding and sawing will be undertaken with dust-suppression tools.

3.2 Monitoring

- Visual monitoring of dust emissions will be undertaken throughout the day.
- If dust is observed escaping beyond the site boundary, works will stop and mitigation increased.

4. Waste Disposal

The contractor will comply with all relevant waste regulations.

4.1 Waste Management Procedures

- All waste will be segregated on site (timber, metal, rubble, packaging etc.).
- Only licensed waste carriers will be used, and transfer notes will be retained.
- Recyclable materials will be prioritised.
- Hazardous waste (if any arises) will be stored securely and collected by a specialist licenced contractor.
- Burning of waste on site is strictly prohibited.

5. Enclosure of Working Areas

5.1 Site Security

The entire working area will be enclosed using 2m high Heras fencing to prevent unauthorised access and protect public safety.

Signage will clearly mark:

- Site entrance
- No unauthorised access
- PPE requirements

5.2 Protection of the Public

- Materials will be stored within the secure compound away from boundaries.
- Tools and machinery will be locked away when not in use.

6. Contractor Parking and Access Arrangements

6.1 Construction Access

- Access for all construction vehicles will be via Pentre Tai Road using the approved vehicle crossing point.
- Manoeuvring will occur within the site. vehicles will not reverse onto the highway.

6.2 Parking Arrangements

- Contractors will park within the site boundary, not on the highway.
- No construction vehicles will obstruct neighbouring driveways, footways or visibility splays.

6.3 Deliveries

- Deliveries will be scheduled to avoid peak traffic hours
- Delivery vehicles will not queue on the highway.

7. Wheel Wash Facility

To prevent mud and debris from being tracked onto the public highway:

7.1 Wheel Cleaning Measures

- A manual jet-wash station will be installed inside the site boundary.
- All vehicles leaving the site will have wheels and chassis washed when soil conditions require.
- A temporary hardcore surface will be laid to reduce mud transfer.
- The highway will be inspected daily; any mud or debris will be removed immediately.

8. Environmental Protection and Compliance

8.1 Pollution Prevention

- Fuel and chemicals (if used) will be stored in bunded containers.
- Spill kits will be available on site.
- Any accidental spill will be contained immediately and reported to NRW if required.

8.2 Ecology

- Works will follow the recommendations in the approved Bat Survey and Green Infrastructure Statement.
- No works will occur in a manner that blocks bat access or disturbs potential roosting areas.

9. Responsibility and Site Management

The appointed contractor will nominate a Site Manager responsible for implementing this CEMP.

Site Manager: To be confirmed prior to commencement

Contact Details: Will be supplied to the LPA and neighbours 1 week before works commence.

They will:

- Oversee all environmental protection measures

- Act as first point of contact for residents
- Maintain all logs (dust, noise, waste, deliveries etc.)
- Stop work if unacceptable environmental impacts occur

10. Conclusion

This Construction Environmental Management Plan demonstrates that the development at 9 Pentre Tai Road will be undertaken safely, responsibly and in full compliance with the planning condition. All measures outlined will be implemented throughout the construction phase to protect residential amenity, ensure highway safety, and minimise environmental impact.