

Annex 8: Checklist of Highly Recommended and Desirable Measures for High Risk Sites as defined in the Control of Dust and Emissions during Construction and Demolition, Supplementary Planning Guidance, GLA, 2014

Measure recommended in the GLA SPG	Comment
Site Management	
Develop and implement a stakeholder communications plan that includes community engagement before work commences on site.	Yes
Develop a Dust Management Plan.	Not considered necessary
Display the name and contact details of person(s) accountable for air quality pollutant emissions and dust issues on the site boundary.	Yes
Display the head or regional office contact information.	Yes
Record and respond to all dust and air quality pollutant emissions complaints.	Yes
Make a complaints log available to the local authority when asked.	Yes
Carry out regular site inspections to monitor compliance with air quality and dust control procedures, record inspection results, and make an inspection log available to the local authority when asked.	Yes
Increase the frequency of site inspections by those accountable for dust and air quality pollutant emissions issues when activities with a high potential to produce dust and emissions and dust are being carried out, and during prolonged dry or windy conditions.	Yes
Record any exceptional incidents that cause dust and air quality pollutant emissions, either on or off the site, and the action taken to resolve the situation is recorded in the log book.	Yes
Hold regular liaison meetings with other high risk construction sites within 500m of the site boundary, to ensure plans are co-ordinated and dust and particulate matter emissions are minimised.	Phase 2 to be managed as part of overall HS2 works
Preparing and maintaining the site	
Plan site layout: machinery and dust causing activities should be located away from receptors.	As far as possible
Erect solid screens or barriers around dust activities or the site boundary that are, at least, as high as any stockpiles on site.	As required
Fully enclosure site or specific operations where there is a high potential for dust production and the site is active for an extensive period.	As required
Avoid site runoff of water or mud.	Yes
Keep site fencing, barriers and scaffolding clean using wet methods.	As required
Remove materials from site as soon as possible.	Yes
Cover, seed or fence stockpiles to prevent wind whipping.	Not applicable
Carry out regular dust soiling checks of buildings within 100m of site boundary and cleaning to be provided if necessary.	If required, to be determined by monitoring
Agree monitoring locations with the Local Authority.	Yes
Where possible, commence baseline monitoring at least three months before phase begins.	Three months monitoring will be undertaken, subject to access

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	to agreed monitoring locations
Put in place real-time dust and air quality pollutant monitors across the site and ensure they are checked regularly.	Yes
Operating vehicle/machinery and sustainable travel	
Ensure all on-road vehicles comply with the requirements of the London Low Emission Zone.	Yes
Ensure all non-road mobile machinery (NRMM) comply with the standards set within this guidance.	Yes. NRMM standards to be Stage IV, better than SPG
Ensure all vehicles switch off engines when stationary – no idling vehicles.	Yes
Avoid the use of diesel or petrol powered generators and use mains electricity or battery powered equipment where possible.	Yes
Impose and signpost a maximum-speed-limit of 10mph on surfaced haul routes and work areas (if long haul routes are required these speeds may be increased with suitable additional control measures provided, subject to the approval of the nominated undertaker and with the agreement of the local authority, where appropriate).	Not applicable
Produce a Construction Logistics Plan to manage the sustainable delivery of goods and materials.	Not necessary
Implement a Travel Plan that supports and encourages sustainable travel (public transport, cycling, walking, and car-sharing).	Not necessary for Phase 1. Overall HS2 Travel Plan will be in place by Phase 2
Operations	
Only use cutting, grinding or sawing equipment fitted or in conjunction with suitable dust suppression techniques such as water sprays or local extraction, e.g. suitable local exhaust ventilation systems.	Yes
Ensure an adequate water supply on the site for effective dust/particulate matter mitigation (using recycled water where possible).	Yes
Use enclosed chutes, conveyors and covered skips.	Yes
Minimise drop heights from conveyors, loading shovels, hoppers and other loading or handling equipment and use fine water sprays on such equipment wherever appropriate.	Yes
Ensure equipment is readily available on site to clean any dry spillages, and clean up spillages as soon as reasonably practicable after the event using wet cleaning methods.	Yes
Waste management	
Reuse and recycle waste to reduce dust from waste materials	Yes
Avoid bonfires and burning of waste materials.	Yes
Measures specific to demolition	
Soft strip inside buildings before demolition (retaining walls and windows in the rest of the building where possible, to provide a screen against dust).	Yes
Ensure water suppression is used during demolition operations.	As required
Avoid explosive blasting, using appropriate manual or mechanical alternatives.	Yes

Measure recommended in the GLA SPG	Comment
Bag and remove any biological debris or damp down such material before demolition.	Yes
Measures specific to earthworks	
Re-vegetate earthworks and exposed areas/soil stockpiles to stabilise surfaces.	Not applicable (demolition only)
Use Hessian, mulches or trackifiers where it is not possible to re-vegetate or cover with topsoil.	Not applicable (demolition only)
Only remove secure covers in small areas during work and not all at once.	Not applicable (demolition only)
Measures specific to construction	
Avoid scabbling (roughening of concrete surfaces) if possible	Not applicable (demolition only)
Ensure sand and other aggregates are stored in bunded areas and are not allowed to dry out, unless this is required for a particular process, in which case ensure that appropriate additional control measures are in place	Not applicable (demolition only)
Ensure bulk cement and other fine powder materials are delivered in enclosed tankers and stored in silos with suitable emission control systems to prevent escape of material and overflowing during delivery.	Not applicable (demolition only)
Measures specific to trackout	
Regularly use a water-assisted dust sweeper on the access and local roads, as necessary, to remove any material tracked out of the site.	Not necessary
Avoid dry sweeping of large areas.	Yes
Ensure vehicles entering and leaving sites are securely covered to prevent escape of materials during transport.	Yes
Record all inspections of haul routes and any subsequent action in a site log book.	Yes
Install hard surfaced haul routes, which are regularly damped down with fixed or mobile sprinkler systems and regularly cleaned.	Existing hard surfaced areas to used
Inspect haul routes for integrity and instigate necessary repairs to the surface as soon as reasonably practicable.	Yes
Implement a wheel washing system (with rumble grids to dislodge accumulated dust and mud prior to leaving the site where reasonably practicable).	Jet wash or similar facilities to be used
Ensure there is an adequate area of hard surfaced road between the wheel wash facility and the site exit, wherever site size and layout permits.	Yes
Access gates to be located at least 10m from receptors where possible.	Access gates are at existing NTH entrances
Apply dust suppressants to locations where a large volume of vehicles enter and exit the construction site	If required