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| **Appendix to Question 10 – Dust mitigation measures**  Applicants must complete the table below (extracted from the Mayors ‘control of dust and emissions during construction and demolition’ SPG).  Applicants should include all ‘highly recommended measures’ as a minimum.  XX Highly Recommended  X Desirable | | | | |
| **MEASURES RELEVANT FOR DEMOLITION, EARTHWORKS, CONSTRUCTION AND TRACK­OUT** | | | | |
|  | **CIRCLE RISK LEVEL IDENTIFIED FOR SITE** | | | **TICK TO CONFIRM MITIGATION MEASURE WILL BE IMPLEMENTED** |
| **MITIGATION MEASURE** | **LOW RISK** | **MEDIUM RISK** | **HIGH RISK** |
| **Site management** | | | |  |
| Develop and implement a stakeholder communications plan that includes community engagement before work commences on site. |  | XX | XX | Part of C&DMP |
| Develop a Dust Management Plan. |  | XX | XX | Part of C&DMP |
| Display the name and contact details of person(s) accountable for air quality pollutant emissions and dust issues on the site boundary. | XX | XX | XX | Part of C&DMP |
| Display the head or regional office contact information. | XX | XX | XX | Part of C&DMP |
| Record and respond to all dust and air quality pollutant emissions complaints. | XX | XX | XX | Part of C&DMP |
| Make a complaints log available to the local authority when asked. | XX | XX | XX | Part of C&DMP |
| 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. | XX | XX | XX | Part of C&DMP |
| 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. | XX | XX | XX | Part of C&DMP |
| 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. | XX | XX | XX | Part of C&DMP |
| 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. |  |  | XX | Not applicable to this site |
| **Preparing and maintaining the site** | | | |  |
| Plan site layout: machinery and dust causing activities should be located away from receptors. | XX | XX | XX | Will do |
| Erect solid screens or barriers around dust activities or the site boundary that are, at least, as high as any stockpiles on site. | XX | XX | XX | Part of C&DMP |
| Fully enclosure site or specific operations where there is a high potential for dust production and the site is active for an extensive period. | X | XX | XX | Part of C&DMP |
| Install green walls, screens or other green infrastructure to minimise the impact of dust and pollution. |  | X | X | Not applicable to this site |
| Avoid site runoff of water or mud. | XX | XX | XX | Part of C&DMP |
| Keep site fencing, barriers and scaffolding clean using wet methods. | X | XX | XX | Will do |
| Remove materials from site as soon as possible. | X | XX | XX | Will do |
| Cover, seed or fence stockpiles to prevent wind whipping. |  | XX | XX | Part of C&DMP |
| Carry out regular dust soiling checks of buildings within 100m of site boundary and cleaning to be provided if necessary. |  | X | XX | Not applicable to this site |
| Provide showers and ensure a change of shoes and clothes are required before going off-site to reduce transport of dust. |  |  | X | Not applicable to this site |
| Agree monitoring locations with the Local Authority. |  | X | XX | Not applicable to this site |
| Where possible, commence baseline monitoring at least three months before phase begins. |  | X | XX | Not applicable to this site |
| Put in place real-time dust and air quality pollutant monitors across the site and ensure they are checked regularly. |  | X | XX | Not applicable to this site |
| **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. | XX | XX | XX | Part of C&DMP |
| Ensure an adequate water supply on the site for effective dust/particulate matter mitigation (using recycled water where possible). | XX | XX | XX | Part of C&DMP |
| Use enclosed chutes, conveyors and covered skips. | XX | XX | XX | Part of C&DMP |
| Minimise drop heights from conveyors, loading shovels, hoppers and other loading or handling equipment and use fine water sprays on such equipment wherever appropriate. | XX | XX | XX | Part of C&DMP |
| 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. |  | XX | XX | Will do |
| **Waste management** | | | |  |
| Reuse and recycle waste to reduce dust from waste materials | XX | XX | XX | Will do |
| Avoid bonfires and burning of waste materials. | XX | XX | XX | Will do |

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| **MEASURES SPECIFIC TO DEMOLITION** | | | | |
| **MITIGATION MEASURE** | **LOW RISK** | **MEDIUM RISK** | **HIGH RISK** | **TICK BELOW WHERE MITIGATION MEASURE WILL BE IMPLEMENTED** |
| Soft strip inside buildings before demolition (retaining walls and windows in the rest of the building where possible, to provide a screen against dust). | X | X | XX | Will do |
| Ensure water suppression is used during demolition operations. | XX | XX | XX | Will do |
| Avoid explosive blasting, using appropriate manual or mechanical alternatives. | XX | XX | XX | Will do |
| Bag and remove any biological debris or damp down such material before demolition. | XX | XX | XX | Will do |

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| **MEASURES SPECIFIC TO EARTHWORKS** | | | | |
| **MITIGATION MEASURE** | **LOW RISK** | **MEDIUM RISK** | **HIGH RISK** | **TICK BELOW WHERE MITIGATION MEASURE WILL BE IMPLEMENTED** |
| Re-vegetate earthworks and exposed areas/soil stockpiles to stabilise surfaces. |  | X | XX | Not applicable to this site |
| Use Hessian, mulches or trackifiers where it is not possible to re-vegetate or cover with topsoil. |  | X | XX | Not applicable to this site |
| Only remove secure covers in small areas during work and not all at once. |  | X | XX | Not applicable to this site |

**MEASURES SPECIFIC TO CONSTRUCTION**

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| --- | --- | --- | --- | --- |
| **MITIGATION MEASURE** | **LOW RISK** | **MEDIUM RISK** | **HIGH RISK** | **TICK BELOW WHERE MITIGATION MEASURE WILL BE IMPLEMENTED** |
| Avoid scabbling (roughening of concrete surfaces) if possible | X | X | XX | Will do |
| 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 | X | X X | XX | Will do |
| 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 overfilling during delivery. |  | X | XX | Will do |
| For smaller supplies of fine powder materials ensure bags are sealed after use and stored appropriately to prevent dust. |  | X | X | Will do |

**MEASURES SPECIFIC TO TRACKOUT**

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| **MITIGATION MEASURE** | **LOW RISK** | **MEDIUM RISK** | **HIGH RISK** | **TICK BELOW WHERE MITIGATION MEASURE WILL BE IMPLEMENTED** |
| Regularly use a water-assisted dust sweeper on the access and local roads, as necessary, to remove any material tracked out of the site. | X | XX | XX | Will do |
| Ensure vehicles entering and leaving sites are securely covered to prevent escape of materials during transport. | X | XX | XX | Will do |
| Record all inspections of haul routes and any subsequent action in a site log book. |  | XX | XX | Not applicable to this site |
| Install hard surfaced haul routes, which are regularly damped down with fixed or mobile sprinkler systems and regularly cleaned. |  | XX | XX | Not applicable to this site |
| Inspect haul routes for integrity and instigate necessary repairs to the surface as soon as reasonably practicable; |  | XX | XX | Not applicable to this site |
| Implement a wheel washing system (with rumble grids to dislodge accumulated dust and mud prior to leaving the site where reasonably practicable). | X | XX | XX | Not applicable to this site |
| 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. |  | XX | XX | Not applicable to this site |
| Access gates to be located at least 10m from receptors where possible. |  | XX | XX | Not applicable to this site |
| Apply dust suppressants to locations where a large volume of vehicles enter and exit the construction site |  | X | XX | Not applicable to this site |