

L. Environmental Mitigation Measures - Implementation Status

Air Quality – Recommended Mitigation Measures

Air Quality Mitigation Measures during construction	Implementation Status
access roads should be sprayed with water or dust suppression chemical to maintain the entire road surface wet or paved;	✓
every stock of more than 20 bags of cement or dry PFA should be covered entirely by impervious sheeting or placed in an area sheltered on the top and the 3 sides;	N/A
de-bagging, batching or mixing process should be carried out in sheltered areas during the use of bagged cement;	N/A
use of effective dust screens, sheeting or netting to be provided to enclose dry scaffolding which may be provided from the ground floor level of the building or if a canopy is provided at the first-floor level, from the first floor level, up to the highest level (maximum four floors for this Project) of the scaffolding where scaffolding is erected around the perimeter of a building under construction;	N/A
dump trucks for material transport should be totally enclosed using impervious sheeting;	✓
any excavated dusty materials or stockpile of dusty materials should be covered entirely by impervious sheeting or sprayed with water so as to maintain the entire surface wet, and recovered or backfilled or reinstated within 24 hours of the excavation or unloading;	✓
dusty materials remaining after a stockpile is removed should be wetted with water;	✓
the area where vehicle washing takes place and the section of the road between the washing facilities and the exit point should be paved with e.g. concrete, bituminous materials or hardcore or similar;	✓
the portion of road leading only to a construction site that is within 30m of a designated vehicle entrance or exit should be kept clear of dusty materials;	✓
stockpile of dusty materials to be either covered entirely by impervious sheeting, placed in an area sheltered on the top and the 3 sides; or sprayed with water so as to maintain the entire surface wet;	✓
all dusty materials to be sprayed with water prior to any loading, unloading or transfer operation so as to maintain the dusty material wet;	✓
vehicle speed to be limited to 10 kph except on completed access roads;	✓
every vehicle should be washed to remove any dusty materials from its body and wheels before leaving the construction sites;	✓
the load of dusty materials carried by vehicle leaving a construction site should be covered entirely by clean impervious sheeting to ensure that the dusty materials do not leak from the vehicle; and	✓
the working area of excavation should be sprayed with water immediately before, during and immediately after (as necessary) the operations so as to maintain the entire surface wet.	✓
Odour mitigation measures	
all malodorous excavated material should be placed as far as possible from any ASRs;	N/A
the stockpiled malodorous material should be removed from site as soon as possible; and	N/A
the stockpiled malodorous material should be covered entirely by plastic tarpaulin sheets.	N/A