



Environmental Mitigation Implementation Schedule

Environmental Protection Measures	Location	Implementation Status		
		Implemented	Partially implemented	Not implemented
Not Applicable				
Air Quality				
<ul style="list-style-type: none"> ▪ Dust control / mitigation measures shall be provided to prevent dust nuisance. ▪ Water sprays shall be provided and used to dampen materials. ▪ All stockpile of aggregate or soil should be enclosed or covered and water applied in dry or windy condition. ▪ Any vehicle with open load carrying area used for moving materials which has the potential to create dust shall have properly fitting side and tail boards. Material having the potential to create dust shall not be loaded to a level higher than the side and tail boards, and shall be covered by a clean tarpaulin. ▪ Unpaved areas should be watered regularly to avoid dust generation. ▪ The designated site main haul road shall be paved or regular watering. ▪ The public road around the site entrance should be kept clean and free from dust. ▪ Wheel washing facilities including high-pressure water jet shall be provided at the entrance of work site. ▪ Every vehicle shall be washed to remove any dusty materials from its body and wheels before leaving the fill bank. ▪ The temporary slope surfaces shall be covered with impermeable sheet or sprayed with water. ▪ Vehicle and equipment should be switched off while not in use. ▪ All plant and equipment should be well maintained e.g. without black smoke emission. ▪ Open burning should be prohibited. 	<p>All areas</p> <p>All areas</p> <p>All areas</p> <p>All areas</p> <p>Site Egress</p> <p>All haul roads</p> <p>All areas</p> <p>Site Egress</p> <p>Site Egress</p> <p>All areas</p> <p>All areas</p> <p>All areas</p> <p>All areas</p>	<p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p>	<p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p>	<p>Not Applicable</p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p> <p></p>
Noise Impact				
<ul style="list-style-type: none"> ▪ The approved method of working, equipment and sound-reducing measures (e.g. use of silenced type of equipment, etc.) shall be adapted. ▪ Only well maintained plant should be operated on-site and plant should be serviced regularly during the construction works. ▪ Powered mechanical equipment (PME) should be covered or shielded by appropriate acoustic materials. ▪ Air compressors and hand held breakers should have noise labels. ▪ Machines and plants that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum. ▪ Noisy equipment and mobile plant shall always be site away from NSRs. 	<p>All areas</p> <p>All areas</p> <p>All areas</p> <p>All areas</p> <p>All areas</p> <p>All areas</p>	<p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p>	<p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p> <p>√</p>	<p></p> <p></p> <p></p> <p></p> <p></p> <p></p>



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Water Quality					
<ul style="list-style-type: none"> ▪ The existing / realigned intercepting channels and the sand / silt removal facilities shall be used and maintained. ▪ Temporary intercepting drains should be used at the stockpiling area to divert polluted stormwater to the intercepting channels. Earth bunds and sand bay barriers shall be used to assist the diversion of polluted stormwater to the intercepting channels. ▪ The stormwater intercepting system shall be effective to collect of runoff and remove suspended solids before discharge. ▪ The material shall be properly covered to prevent washed away especially before rainstorm. ▪ Unnecessary water retained in receptacles and standing water should be avoided to prevent mosquito breeding. ▪ The temporary slope surfaces shall be covered with impermeable sheet or sprayed with water. ▪ Existing and newly constructed Catchpits, sand and silt removal facilities and intercepting channels shall be maintained, and the deposited silt and grit shall be removed weekly and on a need basis especially at the onset of and after each rainstorm to ensure that these facilities are functioning properly at all times. ▪ A wheel washing bay shall be provided at the site exit and wash-water shall have sand and silt settled out or removed before being discharged into storm drains. ▪ The section of construction road between wheel washing bay and the public road shall be paved with concrete, bituminous materials or hardcores to reduce vehicle tracking of soil and to prevent site run-off from entering public road drains. ▪ Sewage from toilets shall be discharged in to a foul sewer, or chemical toilets shall be provided. ▪ The chemical toilets (if use) shall be provided by a licensed contractor, who will be responsible for disposal and maintenance of these facilities. ▪ Tipping halls enclosed with top and 3-side to prevent spillage of material into marine water. ▪ Adequate environmental control measures shall be provided to prevent / avoid dropping of fill material into the sea during the transfer. ▪ A waste collection vessel shall be deployed to remove floating debris. 	All areas	√			
	All areas	√			
	All areas	√			
	All areas	√			
	All areas	√			
	Temporary Slopes	√			
	All areas	√			
	Wheel Washing facility	√			
	Site Egress	√			
	Site Office	√			
	All areas	√			
	All areas		√		
	Along the seafront	√			
	Along the seafront	√			
Landscape and Visual					
<ul style="list-style-type: none"> • The maximum stockpiling height at the fill bank shall be limited to a maximum of +40mPD. • Surface of outer slopes of the Fill Bank shall preferably be hydroseeded. • Stockpile of public fill shall be removed in a sequence to allow the outer hydroseeded to be removed later than other portions as far as practicable. • <i>Casuarina equisetifolia</i> were planted as buffer tree along the northern perimeter of the Site. The height of <i>Casuarina equisetifolia</i> was maintained at least 3m above soil level. • Lighting shall be set to minimise night-time glare. 	All areas	√			
	Completed slopes	√			
	Completed slopes	√			
	Site boundary	√			
	All areas	√			
Waste Management					
Construction Waste Management					
<ul style="list-style-type: none"> • Relevant licence / permits for disposal of construction waste or excavated materials available for inspection. 	All areas	√			

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•	Waste storage area should be cleaned and maintained regularly.	Waste Storage Area	√			
•	Chemical waste should be transported by a registered chemical waste collector to a facility licensed to receive chemical waste.	All areas	√			
•	All generators, fuel and oil storage should be within bundle areas.	All areas	√			
•	Oil leakage from machinery, vehicle and plant should be prevented.	All areas		√		
•	In the event of chemical waste / dangerous goods / chemicals spillage or leakage, the procedures as outlined in the Spillage Response Plan should be followed.	All areas	√			
•	The dangerous goods / chemical spillage or leakage procedures (including equipments) should be in place.	All areas	√			
	Good Site Practices					
•	Nomination of approved personnel, such as site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site.	All areas	√			
•	Training of site personnel in proper waste management and chemical handling procedures should be provided.	All areas	√			
•	Good site practices should be adopted to clean the rubbish and litter on a regular basis so as to prevent the rubbish and litter from dropping into the nearby environment.	All areas	√			
•	Proper storage and site practices to minimise the potential for damage or contamination of construction materials.	All areas	√			
•	The Environmental Permit should be displaced conspicuously on site.	Site Entrance	√			
•	Construction noise permits should be posted at site entrance or available for site inspection.	Site Entrance				√
•	Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste.	All areas	√			
•	Chemical storage area provided with lock and located on sealed areas.	Chemical Storage Area	√			
•	All chemicals should be placed at the banded area with adequate band capacity (>110% of largest tank).	Chemical Storage Area	√			
•	Any unused chemicals or those with remaining functional capacity should be recycled.	All areas	√			
•	Regular cleaning and maintenance programme for waste storage area, drainage systems, silt traps, sumps and oil interceptors.	All areas	√			
•	To encourage collection of aluminium cans by individual collectors, separate labelled bins should be provided to segregate this waste from other general refuse generated by the workforce.	All areas	√			
•	A recording system for the amount of wastes generated, recycled and disposed (including the disposal sites) should be used, e.g. trip ticket system for chemical waste disposal. Quantities could be determined by weighing each load or other suitable methods.	All areas	√			
•	A collection area should be provided where waste can be stored and loaded prior to removal from site. An enclosed and covered area is preferred to reduce the occurrence of 'wind blown' light material. If an open area is unavoidable for the storage or loading/unloading of wastes, then the area should be banded and all the polluted surface run-off collected within this area should be diverted into wastewater treatment system.	All areas	√			
•	Remove wastes in a timely manner.	All areas	√			