



## Environmental Mitigation Implementation Schedule

Environmental Protection Measures	Location	Implementation Status			
		Implemented	Partially implemented	Not implemented	Not Applicable
<b>Air Quality</b>					
<ul style="list-style-type: none"> <li>Stockpiles of imported material kept on site should be contained within hoarding, dampened and / or covered during dry and windy weather.</li> </ul>	All areas	✓			
<ul style="list-style-type: none"> <li>Material stockpiled alongside trenches should be covered with tarpaulins whenever works are close to village houses.</li> </ul>	All areas	✓			
<ul style="list-style-type: none"> <li>Water sprays should be used during the delivery and handling of cement, sands, aggregates and the like.</li> </ul>	All areas	✓			
<ul style="list-style-type: none"> <li>Any vehicle used for moving sands, aggregates and construction waste should have properly fitting side and tail boards. Materials should not be loaded to a level higher than the side and tail boards, and should be covered by a clean tarpaulin.</li> </ul>	All areas		✓		
<ul style="list-style-type: none"> <li>Unpaved areas should be watered regularly to avoid dust generation.</li> </ul>	Site Egress	✓			
<ul style="list-style-type: none"> <li>The enclosures should be around the main dust-generating activities.</li> </ul>	All areas	✓			
<ul style="list-style-type: none"> <li>All plant and equipment should be well maintained e.g. without black smoke emission.</li> </ul>	All areas	✓			
<ul style="list-style-type: none"> <li>Open burning should be prohibited.</li> </ul>	All areas	✓			
<b>Noise Impact</b>					
<ul style="list-style-type: none"> <li>Quite powered mechanical equipment (PME) or method should be used.</li> </ul>	All areas	✓			
<ul style="list-style-type: none"> <li>The number plant should be restricted (1 item for each type of plant).</li> </ul>	All areas	✓			
<ul style="list-style-type: none"> <li>Only well maintained plant should be operated on-site and plant should be serviced regularly during the construction works.</li> </ul>	All areas	✓			
<ul style="list-style-type: none"> <li>Mobile plant, if any, should be sited as far away from NSRs as possible.</li> </ul>	All areas	✓			
<ul style="list-style-type: none"> <li>Machines and plants that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum.</li> </ul>	All areas	✓			
<ul style="list-style-type: none"> <li>Plant known to emit noise strongly should be orientated so that the noise is directed away from nearby NSRs.</li> </ul>	All areas	✓			
<ul style="list-style-type: none"> <li>The constructions works should be scheduled to minimize noise nuisance.</li> </ul>	All areas	✓			
<ul style="list-style-type: none"> <li>Air compressors and hand held breakers should have noise labels.</li> </ul>	All areas				✓
<ul style="list-style-type: none"> <li>Compressors and generators should operate with door closed.</li> </ul>	All areas	✓			
<b>Water Quality</b>					
<b>General Construction Works</b>					
<ul style="list-style-type: none"> <li>Debris and rubbish generated on-site should be collected, handled and disposed of properly to avoid entering the nearby coastal water and stormwater drains.</li> </ul>	All areas	✓			
<ul style="list-style-type: none"> <li>All fuel tanks and storage areas should be provided with locks and be sited on sealed area, within bunds of a capacity equal to 110% of the storage capacity of the largest tank.</li> </ul>	All areas		✓		
<ul style="list-style-type: none"> <li>Open drainage channels and culverts near the works areas should be covered to block the entrance of large debris and refuse.</li> </ul>	All areas	✓			



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<b>Waste Management</b>					
<b>General Site Wastes</b>					
<ul style="list-style-type: none"> <li>Appropriate measures, such as transporting wastes in enclosed containers, should be taken to minimize windblown litter and dust to nearby environment.</li> <li>Sufficient waste disposal points and regular waste collection for disposal should be provided.</li> <li>A collection area for construction site waste should be provided where waste can be stored prior to removal from site.</li> <li>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.</li> <li>Records of the quantities of waste generated, recycled and disposed should be kept and maintained.</li> <li>Different types of waste should be segregated and stored in different container, skips or stockpiles to enhance reuse or recycling of material and their proper disposal.</li> </ul>	All areas	√			
	All areas	√			
	All areas	√			
	All areas	√			
	All areas	√			
	All areas	√			
	All areas	√			
<b>Chemical Wastes</b>					
<ul style="list-style-type: none"> <li>After use, chemical waste should be handled according to the Code of Practice on the Package, Labelling and Storage of Chemical Wastes.</li> <li>Any unused chemicals or those with remaining functional capacity should be recycled.</li> <li>Waste should be properly stored on site within suitably designed containers and should be collected by an approved licensed waste collectors for disposal at the Chemical Waste Treatment Facility or other licensed facility in accordance with the Waste Disposal (Chemical Waste) (General) Regulation under the Waste Disposal Ordinance.</li> <li>Any service shop and minor maintenance facilities should be located on hard standing within a bunded area, and sumps and oil interceptors should be provided.</li> <li>Maintenance of vehicles and equipment involving activities with potential for leakage and spillage should be undertaken within the designated areas equipped control these discharges.</li> </ul>	All areas		√		
	All areas				√
	All areas				√
	All areas				√
	All areas				√
<b>Construction and Demolition (C&amp;D) Wastes</b>					
<ul style="list-style-type: none"> <li>C&amp;D waste should be separated on site before disposal.</li> <li>Inert material, such as concrete and rubble, should be re-used on site.</li> <li>Steel and other metals should be separated for re-use and / or recycling prior to disposal of C&amp;D material.</li> </ul>	All areas	√			
	All areas	√			
	All areas	√			
<b>Ecological Impact</b>					
<ul style="list-style-type: none"> <li>Labelling and fencing of the uncommon tree species.</li> <li>Avoidance of use of woodland habitats as Works Area, in particular where trees located.</li> </ul>	All areas	√			
	All areas	√			



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<b>Landscape and Visual Impact</b>					
• Existing trees should be retained.	All areas	√			
• Damage to vegetation should be minimized by close coordination and on site alignment adjusted of rising main and gravity sewer pipelines.	All areas	√			
• Short excavation and immediate backfilling section upon completion of works should be performed to reduce active site area.	All areas	√			
<b>Site Practice</b>					
• The Contractor assigned worker is responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site.	All areas	√			
• Proper storage and site practices to minimise the potential for damage or contamination of construction materials.	All areas	√			
• All generators, fuel and oil storage are within bundle areas.	All areas		√		
• Oil leakage from machinery, vehicle and plant should be prevented.	All areas		√		
• The Environmental Permit should be displaced conspicuously on site.	All areas	√			