



Appendix F

Environmental Mitigation Implementation Schedule (EMIS)

Item No.	Construction Activities / Environmental Aspects	Pollution Abatement Measures	Regulation /Employer's Requirements	Ref. Section
Mitigation measures of Waste Management				
Project Specific				
WaS1	Use of timber in temporary works	<ul style="list-style-type: none"> A summary table shall be provided containing the description, justification and the estimated quantity for every work process/activity requiring the use of timber for Temporary Works construction irrespective of the quantity of timber used 	Particular Specification	25.22
WaS2	Sorting of C&D materials	<ul style="list-style-type: none"> Record the quantities of C&D materials generated using "Waste Flow Table" A system shall be devised for on-site sorting of construction and demolition materials. The system shall include the identification of the source of generation, estimated quantity, arrangement for on-site sorting and/or collection, temporary storage areas, frequency of collection by recycling contractors or frequency of removal off the Site, etc. The materials shall be sorted at source into: <ul style="list-style-type: none"> - hard rock and large broken concrete suitable for reuse on the Site or recycling at a designated location - metals - paper and plastics - chemical waste; and - materials suitable for disposal at public fill reception facilities, sorting facilities and landfills/outlying islands transfer facilities Equipment and material packaging (i.e. paper and cardboard) shall be recovered, properly stockpiled in dry and covered condition to prevent cross contamination by other construction and demolition materials. Cross contamination shall be avoided in the course of collecting paper for recycling The materials disposed of at public fill reception facilities, sorting facilities, and landfills/outlying islands transfer facilities shall be ensured to comply with their respective requirements under Schedule 6 of the Waste Disposal (Charges for Disposal of Construction Waste) Regulation (Cap. 354) and be fully liable for all non-compliance Sufficient space for temporary storage of construction and demolition materials shall be identified and provided to facilitate collection and/or sorting on the Site. The space provided shall commensurate with the estimated quantity for each type of construction and demolition materials generated on the Site Except for those inert construction and demolition materials to be reused on the Site, all other construction and demolition materials shall be removed off the Site as soon as practicable in order to optimize the use of the on-site storage space Arrangements shall be made with potential recycling contractors to facilitate that recyclable materials sorted from the Site are collected with reasonable care A system shall be established for proper handling and storage of chemical waste generated from the Site, and arrange collection and disposal of such chemical waste by specialist 	Particular Specification	25.24

		contractors <ul style="list-style-type: none"> Thorough sorting of construction and demolition materials generated from demolition works shall be carried out for recovering of broken concrete, reinforcement bars, mechanical and electrical fittings, hardware as well as other fittings/materials that have established recycling outlets 	
WaS3	Trip ticket system	<ul style="list-style-type: none"> A Trip Ticket System shall be implemented for removal of C&D materials from the site to the designated disposal ground The inert portion of the C&D materials comprising soil, broken rock and concrete, etc. shall be disposed of at Tuen Mun Area 38 or other disposal outlets as directed by the Engineer The non-inert portion of the C&D materials that are not recyclable shall be disposed of at WENT Landfill 	Particular Specification 25.25
WaS4	Handling & disposal of chemical waste	<ul style="list-style-type: none"> Chemical waste as defined by Schedule 1 of the Waste Regulations (Chemical) 1992 should be stored in accordance with the approved methods defined in the Regulations and the chemical waste shall be disposed of at the Chemical Waste Treatment Facility located at Tsing Yi 	Particular Specification 25.27
WaS5	Reuse of materials	<ul style="list-style-type: none"> All construction and demolition materials arising from or in connection with the Works shall be sorted on the Site to recover reusable and/or recyclable materials. The Contractor shall endeavour to re-use, where suitable, the excavated materials for forming the site at the stilling basin area. For the avoidance of doubt, construction and demolition materials means both inert and non-inert materials generated from construction and demolition activities. The inert portion of the construction and demolition materials includes soil, building debris, broken rock, concrete, etc., and the non-inert portion comprises timber, paper, plastics, general refuse, etc 	Employer's Requirement 8.75(a)
General			
WaG1	Temporary works	<ul style="list-style-type: none"> No tropical hardwood shall be used for formwork, falsework and shoring for trench and pits 	General Specification for Civil Engineering Works 25.22
WaG2	Demolition	<ul style="list-style-type: none"> Demolition materials shall be separated into (1) broken concrete; (2) other inert materials; (3) metals and (4) general refuse 	General Specification for Civil Engineering Works 25.23
WaG3	Sorting of C&D materials	<ul style="list-style-type: none"> All C&D materials (which mean both inert and non-inert materials generated from construction and demolition activities) arising from or in connection of the Works shall be sorted on site to recover the inert portion of these materials, and reusable and/or recyclable materials before disposal of the waste portion off site. 	General Specification for Civil Engineering Works 25.24
WaG4	Disposal of waste	<ul style="list-style-type: none"> No unauthorized disposal of waste shall be allowed A billing account shall be applied before any construction waste to be disposed 	Waste Disposal Ordinance (Charges for Disposal of Construction Waste) Reg 16(1) 3(1)
WaG5	Disposal of chemical waste	<ul style="list-style-type: none"> A chemical waste producer licence shall be applied before any disposal of chemical waste 	Waste Disposal Ordinance (Chemical Waste) Reg 6(1)