## Appendix A Environmental Mitigation Implementation Schedule

EIA Ref	EM&A Ref.	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementa Stages*		tion	Relevant Legislation and
					D	С	0	Guidelines
Air (Const	truction Pha	ase)	1	1	l	- I	-1	
S.3.3.5		Under the Air Pollution Control (Specified Process) Regulation, an incinerator (including cremator) with an installed capacity exceeding 0.5 tonnes per hour, is classified as a specified process, and requires a Specified Process license to operate. FEHD shall apply for a specified licence under the APCO.	New Cremators in the New Crematorium / prior to operation	FEHD		<b>√</b>	<b>√</b>	APCO
S.3.9		Asbestos Investigation:	Incense burner,	Arch SD,		✓		APCO
S.3.9.2		The incense burner, coffin and skeletal crematorium shall be thoroughly investigated prior to any demolition work commencing to ascertain the presence of any ACM. A registered asbestos consultant shall carry out an asbestos investigation report (AIR).	coffin and skeletal crematorium / Prior to any demolition work commencing	Registered Asbestos Consultant, Registered				AIR and AAP
S.3.9.3		• If any ACM are identified in the existing crematorium, an asbestos abatement plan shall be submitted to EPD prior to any asbestos abatement works.		Asbestos Contractor				
S.3.9.4		The following precautionary and mitigation measures shall be implemented during the removal of ACM:						
		Enclosure of the work area.						
		Containment and sealing for the asbestos containing waste.						
		Provision of personal decontamination facility.						
		<ul> <li>Use of personal respiratory/protection equipment.</li> </ul>						
		<ul> <li>Use of vacuum cleaner equipped with high-efficiency air particulate (HEPA) filter for cleaning up the work area.</li> </ul>						
		<ul> <li>Carrying out air quality monitoring during the asbestos abatement works.</li> </ul>						
S.3.9.5		The following qualified personnel shall be appointed to carry out the asbestos abatement works:						
		<ul> <li>Registered asbestos contractor for carrying out the asbestos removal works.</li> </ul>						
		<ul> <li>Registered asbestos supervisor for supervising the asbestos abatement works.</li> </ul>						
		<ul> <li>Registered asbestos laboratory for monitoring the air quality during the asbestos abatement works.</li> </ul>						
		<ul> <li>Registered asbestos consultant for supervising and certifying the asbestos abatement works.</li> </ul>						

EIA Ref	EM&A Ref.	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Imple Stag	ementat es*	ion	Relevant Legislation and
S.3.9.7 –		Other Site Management:			D	С	0	Guidelines
S.3.9.9 S.3.9.7		The asbestos materials in each building/premises must be abated before other contractors/trades are allowed to work in the building/premises.	_					
S.3.9.8		Tight security measures shall be taken at the asbestos abatement works site to prevent any disturbance to ACM that may result from the stealing of valuable items on site such as electrical cable and copper pipes. It is recommended that priority shall be given for the abatement of all friable ACM.						
S.3.9.9		As different contractors may be working on-site at the same time, the following measures should be considered:						
		If there is a sensitive receptor around the area, conduct environmental air monitoring at this off-site receptor.						
		<ul> <li>Submit to EPD a completion report, including photos and air monitoring results, immediately after completion of asbestos abatement work for every work zone.</li> </ul>						
S.3.10.1- S.3.10.2		The contractor has a responsibility to notify EPD for undertaking any 'notifiable' works prior to the commencement of such works. In addition, the contractor is also required to fulfil specific dust control requirements given in the APCO Regulation's Schedule for specific jobs.	Prior to 'notifiable' works including Construction of the foundation of a building and construction of the superstructure of a building	Contractor		<b>√</b>		Air Pollution Control (Construction Dust) Regulation
S.3.10.3 - S.3.10.4	S.2.9.1 - S.2.9.3	Good site management / practices to avoid / minimise incidences of dust emissions:  Site Boundary and Entrance  Vehicle washing facilities including a high pressure water jet shall be provided at every discernible or designated vehicle exit point.  The area at which vehicle washing takes place and the section of the road between the washing facilities and the exit point shall be paved with concrete, bituminous or hardcore material.  Access Haul Roads and Unpaved Areas	Project Site / Construction and Demolition	Contractor		<b>√</b>		Air Pollution Control (Construction Dust) Regulation APCO
		Each and every main haul road shall be paved with concrete, bituminous hardcore materials or metal plates, and kept clear of dusty materials. or						

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					D	С	0	Guidelines
		<ul> <li>Unpaved haul roads and areas shall be sprayed with water so as to keep the entire road surface wet.</li> </ul>						
		Excavated Materials						
		Any stockpile of dusty material shall be either: (a) covered entirely by impervious sheeting. (b) placed in an area sheltered on the top and the three sides. or (c) sprayed with water or a dust suppression chemical so as to maintain the entire surface wet.						
		Exposed Earth						
		Exposed earth shall be properly treated by compaction, hydroseeding, vegetation planting or seating with latex, vinyl, bitumen within six months after the last construction activity on the site or part of the site where the exposed earth lies.						
		Loading, Unloading or Transfer of Dusty Materials						
		<ul> <li>All dusty materials shall be sprayed with water immediately prior to any loading or transfer operation so as to keep the dusty material wet.</li> </ul>						
		Debris Handling						
		<ul> <li>Any debris shall be covered entirely by impervious sheeting or stored in a debris collection area sheltered on the top and the three sides.</li> </ul>						
		<ul> <li>Before debris is dumped into a chute, water shall be sprayed so that it remains wet when it is dumped.</li> </ul>						
		Transport of Dusty Materials						
		<ul> <li>Vehicles used for transporting dusty materials/spoils shall be covered with tarpaulin or similar material. The cover shall extend over the edges of the sides and tailboards.</li> </ul>						
		Site Clearance						
		The working area for the uprooting of trees, shrubs, or vegetation or the removal of boulders, pole, pillars shall be sprayed with water immediately before, during and immediately after the operation so as to maintain the entire surface wet.						
		<ul> <li>All demolished items shall be covered by impervious sheeting or placed in a spot with shelters on top and three sides within a day of the demolition.</li> </ul>						
		Workers at all levels should be co-operative to avoid dust generation and dispersion to the surrounding environment.						

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					D	С	0	Guidelines
Air (Opera	tion Phase)							
S.3.10.7	S.2.9.4	<ul> <li>The cremators of equivalent specifications equipped with the latest technological flue gas filtering and emission monitoring system that would meet the BPM12/2 (06) emission requirements shall be adopted.</li> <li>Proper operation and maintenance of the new crematorium and air pollution</li> </ul>	New Cremators in New Crematorium/ Design and Operation stage	ArchSD, FEHD	<b>✓</b>		<b>✓</b>	BPM 12/2 APCO
		control unit of the cremators shall be ensured in order to avoid any un- controlled emissions due to malfunctioning of the cremator or air pollution control unit.						
S.3.6.35		Dead bodies shall be delivered to the crematorium and immediately stored in the mortuary with refrigeration in order to control the odour from the dead body.						
S.3.7.29		To minimise the possible nuisance due to joss paper burning, FEHD will limit joss paper burning activities through administration procedures as follows:	Joss paper burners / Operation	FEHD			✓	APCO
		<ul> <li>Joss paper burners shall be allowed for use in memorial ceremonies upon request only.</li> </ul>						
		Other usage of joss paper burners shall not be allowed						
		<ul> <li>Guidance shall be provided to the users to advise them to minimise the quantity of burning materials.</li> </ul>						
		■ FEHD staff shall advise users to ensure better combustion of the joss papers in order to reduce smoke emission.						
Air (EM&A	for Constru	uction Phase)						
S.11.2.4 - S.11.2.5	S.2.5 - S.2.6	Conduct baseline and regular 1-hr and 24-hr TSP monitoring at 2 measurement locations at a 6-day frequency	A22a and A22b / Baseline monitoring prior to construction works / Regular monitoring throughout construction period	Contractor		<b>√</b>		EIAO
	for Operati	on Phase)						
S.11.3.2- S.11.3.6	S.2.8.1 - S.2.8.4	Conduct continuous monitoring for the following pollutants and processes:  Temperature inside primary combustion zone.  Temperature and oxygen content of the gas at appropriate location(s) to demonstrate requirements can be complied with.	Cremators and chimney of the New Crematorium/ Operation	FEHD			<b>✓</b>	APCO BPM12/2
		<ul> <li>Carbon monoxide concentration at the outlet from the secondary combustion zone.</li> </ul>						

EIA Ref	EM&A Ref.	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages*			Relevant Legislation and
					D	С	0	Guidelines
		Gas opacity at the chimney of the cremator.						]
		<ul> <li>Other essential operating parameter(s) that may affect the performance of air pollution control measures.</li> </ul>						
S.11.3.6-	S.2.8.4 -	Conduct periodic measurement for the following pollutants:						
S.11.3.10	S.2.8.7	Particulate Matters						
		Hydrogen Chloride						
		Carbon Monoxide						
		Organic Compounds						
		■ Mercury						
		■ Dioxins						
		Smoke Density						
Noise (Con	struction P	Phase)				•	•	
S.4.4.9 -	S.3.2.1 -	Good Site Practice and Noise Management:						
	S.3.2.2	<ul> <li>Only well-maintained plant shall be operated on site and the plant shall be regularly serviced during the construction works.</li> </ul>	Work site / Construction phase	Contractor	✓	✓		GW-TM & NCO
		<ul> <li>Plant used intermittently shall be turned off or throttled down when not in active use.</li> </ul>						
		<ul> <li>Plant that is known to emit noise strongly in one direction shall be oriented to face away from NSRs.</li> </ul>						
		<ul> <li>Silencers, mufflers and enclosures for plant shall be used where possible and maintained adequately throughout the works.</li> </ul>						
		Mobile plant shall be sited away from NSRs.						
		<ul> <li>Stockpiles of excavated materials and other structures such as site buildings shall be used effectively to screen noise from the works.</li> </ul>						
		PME shall be well maintained and use properly on site to minimise the any excessive noise generated.						
Noise (Ope	ration Pha	se)	•	•	•	•	•	•

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					D	С	0	Guidelines
	S.3.2.4	<ul> <li>Quantities and maximum sound power level of the fixed plants shall not exceed the plant inventory as assessed in the EIA report.</li> </ul>	All fixed-noise sources of the new	Arch SD, FEHD	✓		✓	NCO
		Noise from the operation of the concerned fixed-noise sources can be further reduced by locating it as far as practical from the NSRs, and / or by orientating the noise emission points away from the NSRs, and / or by implementation of silencers and acoustic barriers to the concerned equipment.	crematorium / Design and operation phases					
Land Cont	tamination	(Construction Phase)						
S.5.7.2		Remedial Action Plan:	All areas requiring	Contractor		<b>✓</b>		Waste Disposal
		If large amounts of contaminated soil (say 500m³) are found	remedial works in					Ordinance (Cap.354)
		following further site investigation after the decommissioning of the crematorium, remediation options such as bioremediation for	Project site					(Oap.334)
		organics should be considered. Although disposal of small amount						Waste Disposal
		of contaminated soil to landfills might be considered as an						(Chemical Waste)
		economic and acceptable option for remediation, it should be						Regulations
		considered as the last resort if all remediation options including						
0.5.7.0		reuse are considered to be inappropriate or infeasible.	-					Code of Practice
S.5.7.3		<ul> <li>If disposal to landfills is chosen as the remediation measure, the criteria set primarily of Toxicity Characteristic Leaching Procedure (TCLP) limits, as stated in Annex E in the GN) should be met.</li> </ul>						on the Packaging, Labelling and Storage of
		<ul> <li>At least three soil samples should be taken from the most contaminated area(s) and tested for TCLP for a full suite of parameters (16 metals) as stated</li> </ul>						Chemical Wastes
		in Table E1 in Annex E in the GN.						CAP
		• If the testing result shows that any of the TCLP limits cannot be met, the soil shall be treated by cement stabilization and further tested for TCLP prior to landfill disposal or treated as chemical waste and disposed of at the Chemical Waste Treatment Centre (CWTC).						ProPECC Note PN3/94
S.5.7.4		All soil treated as a chemical waste, shall be collected by a registered chemical waste contractor and the Waste Disposal (Chemical Waste) Regulations under the Waste Disposal Ordinance (Cap.354) shall be observed. Reference shall be made to the Registration of Chemical Waste Producers and Code of Practice on						Dutch A, B, C Classification system
		the Packaging, Labelling and Storage of Chemical Wastes, issued by EPD.						
S.5.7.6		Confirmatory Soil Sampling						WPCO
		<ul> <li>In order to confirm the extent of the soil contamination and if the contaminated soil should be removed or treated, confirmatory soil sampling shall be carried</li> </ul>						Technical
		out during the remediation works.						Memorandum on

EIA Ref	EM&A Ref.	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Impl Stag	ementa es*	tion	Relevant Legislation and
		<ul> <li>This shall consist of five to six samples in each location where soil contamination is identified from SI works. The locations will be to the north, south, east and west of the location where contaminated soil is found. Two locations should also be above and below the location (in terms of elevation) where contaminated soil is found.</li> <li>If analytical results exceed the Dutch B Levels or other agreed remedial target suggested in a supplementary CAR, the contaminated area shall be extended and further confirmatory sampling shall be carried out until no further contamination is encountered.</li> <li>Further Site Investigation</li> </ul>			D	С	0	Guidelines Standards for Effluents Discharged into Drainage and Sewerage Systems, Inland and Coastal Waters (TM)
S.5.8 S.5.8.1	S.4 S.4.1 - S.4.7	Further Site Investigation  Further site investigations in areas that are currently in use and cannot be accessed are required. These areas include the transformer room, dangerous goods stores, day tank room, fuel pump room, sunken fuel pipe and cremator.	Areas that are currently in use and cannot be accessed, including the transformer	Contractor		<b>√</b>		Interim CAR and RAP  ProPECC Note PN3/94
S.5.8.2		The demolition contractor shall carry out further site investigations, after the decommissioning of the existing crematorium and skeletal cremator building.  Potential contaminants in the soils have been identified in CAP and the	room, dangerous goods stores, day tank room, fuel					Guidance Notes
S.5.8.3		parameters to be analysed for soils at different locations are summarised in Table 5-3 in S.5.8.3.	pump room, sunken fuel pipe and cremator.					Investigation and Remediation of
S.5.8.4		Sampling and analysis plans for these investigations shall be prepared and submitted to EPD for approval prior to any of these investigation works. Supplementary CAR and RAP shall be prepared to describe the results and findings of these site investigations and, if necessary, any remedial works.	After the decommissioning of the existing					Contaminated Sites of Petrol Filling Stations.
S.5.8.5		After removal of the underground fuel tanks, confirmatory soil samples should be collected and tested in accordance with S.5.7.6 to ensure that no contamination due to fuel leakage.	crematorium and skeletal cremator building.					Boatyards and Car Repair / Dismantling Workshops
Land Conf	tamination	(EM&A)	•	•		ı		
S.11.2.9 - S.11.2.15	S.4.1 - S.4.7	Further Site Investigation:  Conduct further site investigation for Petroleum hydrocarbons and PAH in soil samples.	After decommissioning, prior to construction:	Contractor		<b>√</b>		Interim CAR & RAP

EIA Ref	EM&A Ref.	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Imple Stage	ementat	tion	Relevant Legislation and
					D	С	0	Guidelines
		<ul> <li>Conduct further site investigation for PCBs in soil samples.</li> <li>Conduct further site investigation for PAH, Dioxins and Metals (Cr, Co, Ni, Cu, Zn, As, Mo, Cd, Sn, Ba, Hg, Pb) in soil samples.</li> </ul>	Existing crematorium: Dangerous goods store, Daily tank room, fuel pump room and sunken fuel pipe Skeletal Cremator Building: Dangerous goods store Existing crematorium: Transformer room Cremators (residual inside the cremator, flue and chimneys)					
Waste Man	agement (	Construction Phase)		1			1	
S.6.7.24		Good Site Practice:  Obtain the necessary waste disposal permits from the appropriate authorities, if they are required, in accordance with the Waste Disposal Ordinance (Cap. 354), Waste Disposal (Chemical Waste) (General) Regulation and the Land (Miscellaneous Provision) Ordinance (Cap. 28).  Obtain a billing account with EPD for disposal of construction waste.  A Waste Management Plan (WMP), incorporated in an Environmental Management Plan (EMP) shall be prepared and submitted to the Engineer/Supervising Officer for approval. Reference shall be made to Environment, Transport and Works Bureau Technical Circular (Works) (ETWB TCW) 19/2005.  Nomination of an approved person to be responsible for good site practice, arrangements for collection and effective disposal to an appropriate facility of all wastes generated at the site.  Use of a waste haulier, authorised or licensed to collect specific category of waste.	Project site/ design, construction and demolition stages	Contractor		<b>✓</b>		Waste Disposal Ordinance (Cap. 354)  Waste Disposal (Chemical Waste) (General) Regulation  Waste Disposal (Charges for Disposal of Construction Waste) Regulation

EIA Ref	EM&A Ref.	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Imple Stage	ementat es*	ion	Relevant Legislation and
		A trip-ticket system shall be included as one of the contractual requirements			D	С	0	Guidelines ETWB TCW No.
		and implemented by the Environmental Team to monitor the disposal of C&D and solid wastes at public filling facilities and landfills, and to control fly tipping. Reference shall be made to ETWB TCW No. 31/2004.						19/2005 ETWB TCW No.
		<ul> <li>Training of site personnel in proper waste management and chemical waste handling procedures.</li> </ul>						31/2004
		<ul> <li>Separation of chemical wastes for special handling and appropriate treatment at a licensed facility.</li> </ul>						
		<ul> <li>Routine cleaning and maintenance programme for drainage systems, sumps and oil interceptors.</li> </ul>						
		<ul> <li>Provision of sufficient waste disposal points and regular collection for disposal.</li> </ul>						
		<ul> <li>Adoption of appropriate measures to minimise windblown litter and dust during transportation of waste, such as covering trucks or transporting wastes in enclosed containers.</li> </ul>						
		<ul> <li>Implementation of a recording system for the amount of wastes generated, recycled and disposed of (including the disposal sites).</li> </ul>						
S.6.7.25		Waste Reduction Measures:	Project site /	Contractor		✓		WBTC No.
		<ul> <li>Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal.</li> </ul>	construction and demolition stages					32/1992 WBTC No.
		<ul> <li>Encourage collection of aluminium cans, plastic bottles and packaging material (e.g. carton boxes) and office paper by individual collectors. Separate labelled bins shall be provided to help segregate this waste from other general refuse generated by the work force.</li> </ul>						19/2005
		<ul> <li>Any unused chemicals or those with remaining functional capacity shall be recycled as far as practicable.</li> </ul>						
		<ul> <li>Reuse C&amp;D materials when possible to reduce the amount of C&amp;D material/waste.</li> </ul>						
		<ul> <li>Wood, steel and other metals shall be separated for reuse and / or recycling Prior to disposal of C&amp;D waste to minimise the quantity of waste to be disposed of to landfill.</li> </ul>						
		<ul> <li>Minimise the potential for damage or contamination of construction material by having proper storage and site practices.</li> </ul>						

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					D	С	0	Guidelines
		<ul> <li>Plan and stock construction materials carefully to minimise the amount of waste generated.</li> </ul>	1					
S.6.7.4		Excavated Material	Project site /	Contractor		✓		WBTC No.
		Rock and soil generated from excavation shall be reused for site formation and excavated material from foundation work reused for landscaping as far as practicable to avoid disposal off-site.	construction and demolition stages					12/2000
S.6.7.5 -	S.5.3.5 -	Construction and Demolition Material	Project site /	ArchSD / Contractor	✓	✓		WBTC No. 2/93
S.6.7.5 - S.6.7.7	S.5.3.9	<ul> <li>Reuse of the public fill and C&amp;D waste shall be practiced on site as far as practicable.</li> <li>The handling of C&amp;D materials is governed by WBTC No. 2/93. Inert C&amp;D material (public fill) shall be directed to an approved public filling area or reclamation site, where it has the benefit of offsetting the need for removal of materials from borrow areas for reclamation purposes and helps to reduce the pressure on landfill sites.</li> <li>Individuals or companies who deliver public fill to public filling areas require dumping licences.</li> <li>Careful design, planning and good site management can minimise overordering and generation of waste materials such as concrete, mortar and cement grouts. The design of formwork shall maximise the use of standard wooden or metal panels so that high reuse levels can be achieved. Alternatives such as. steel formwork, plastic fencing and reusable site office</li> </ul>	construction and demolition stages					The Land (Miscellaneous Provision) Ordinance WBTC No. 19/2005
		structures shall be considered to increase the potential for reuse and minimise C&D waste generation.  The contractor shall use as much as possible of the C&D material on-site. Proper segregation of waste types on site will increase the feasibility of certain components of the waste stream by recycling contractors.						

EIA Ref	EM&A Ref.	Environmental Protect	ction Measures / N	Mitigation Measures	3	Location / Timing	Implementation Agent	Imple Stage	ementa	tion	Relevant Legislation and	
								D	С	0	Guidelines	
S.6.11.1 -	S.5.3.10	Contaminated Material				Cremators, Flues	FEHD, ArchSD,		✓			
S.6.11.5	S.5.3.14	• After decommissioning but prior to demolition of the Existing Crematorium, the following further contamination investigations shall be carried out to confirm the quality and quantity of ash waste and building structures requiring treatment and disposal.			Chimneys and surrounding areas / After decommissioning	Contractor				ProPECC PN 2/97 ProPECC PN		
		Location	Investigation Parameter	Investigation Period	Responsible Party	but prior to demolition of the						3/94
		Cremators / flue / chimney and surrounding areas	Asbestos (building structures)	After decommissionin g but prior to demolition of the	The Contractor	existing crematorium.					APCO	
		Cremators / flue / chimney and surrounding areas	Dioxins, heavy metals, PAH (ash waste)	Existing Crematorium								
		<ul> <li>Prior to any demolition         asbestos containing         asbestos consultant         shall be thoroughly in         supplementary inform</li> </ul>	material (ACM) sh to determine the p nvestigated and the	all be further inspect resence of any ACM e additional findings	ed by a registered  These areas submitted as							
		<ul> <li>Samples shall be an the Laboratory's HO investigation indicate Abatement Plan mus works.</li> </ul>	KLAS accredited to ACM materials pr	esting procedures. If resent on the premise	the findings of the es an Asbestos							
		<ul> <li>It is not currently pos cremators, chimney operation of the cren collected from the po metal and PAH after Existing Crematoriur</li> </ul>	and flues to asses natorium. It is reco ptential areas of co decommissioning	s the levels of contar mmended that samp ntamination for testir	mination due to the les shall be ng of dioxin, heavy							
S.6.9.6 - S.6.9.7	S.5.3.15 - S.5.3.17	Asbestos Containing M  Asbestos wastes shathe Handling, Transp Environment and Fo	all be handled in accortation and Dispo			Cremator room in Existing Crematorium / before demolition	Contractor		<b>√</b>		COP on Handling, Transportation and Disposal of Asbestos Waste	

EIA Ref	EM&A Ref.	Environmental Protection Measur	res / Mitigation	Measures	Location / Timing	Implementation Agent	Imple Stage	ementa	tion	Relevant Legislation and					
		<ul> <li>Production, collection and disposal system. The registered asbestos waste collector to collect the pack designated landfill for disposal. No disposal. EPD will normally required dispose of any quantity of asbeston EPD will issue specific instructions. The waste producer or agent mus</li> </ul>	contractor shat agged asbestos otification has to the ten working cost waste. After and directions	and after decommission		D	С	0	Guidelines under the Waste Disposal (Chemical Waste) (General) Regulation.						
S.6.9.8	S.5.3.18	<ul> <li>Dioxin Contaminated Materials (D (HMCM) / Polyaromatic Hydrocart Demolition of the Existing Crematic Proposed Contamination Classific PAHCM.</li> </ul>	bon Contamina torium	ted Materials (PAHCM) from Waste with DCM / HMCM /	Cremator room in Existing Crematorium / before demolition and after	Contractor		<b>√</b>		ProPECC PN 3/94 APCO					
		Contamination	Dioxin Level in ash waste	Heavy Metal Level / Polyaromatic Hydrocarbon in Ash Waste	decommission										
		DCM/HMCM/PAHCM	<1 ppb TEQ	< Dutch "B" List											
		Moderately/Severely Contaminated HMCM/PAHCM	<1 ppb TEQ	> Dutch "B" List											
		Moderately Contaminated	> 1 and < 10 ppb TEQ	Any Level											
		Severely contaminated DCM	>10 ppbTEQ	Any Level											
S.6.9.9	S.5.3.19	Demolition, Handling, Treatment and HMCM / PAHCM from Demolition of	f Existing Crem	atorium	Cremator room in Existing Crematorium /	Contractor		<b>✓</b>		ProPECC PN 3/94					
		Where the ash waste contains low contaminated DCM / HMCM / PAHCM, the contractor shall avoid ash waste becoming airborne during demolition. General dust suppression measures shall be followed. The ash waste can be directly disposed of at a landfill site.								APCO					
S.6.9.10 - S.6.9.14	S.5.3.20 - S.5.3.24	Demolition, Handling, Treatment and Contaminated DCM and Moderately from Demolition of the Existing Crem Site preparation procedures:	/ Severely Cor		Cremator room in Existing Crematorium / demolition	Contractor		<b>√</b>		Waste Disposal (Chemical Waste) (General) Regulation					

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					D	С	0	Guidelines
		<ul> <li>Except the cremators/flue/chimney, all removable contaminated items shall be removed as far as practicable to avoid obstructing the decontamination activities.</li> </ul>						ProPECC PN 3/94
		<ul> <li>Preliminary site decontamination of all debris shall be carried out using High Efficiency Particulate Air (HEPA) vacuum cleaner.</li> </ul>						APCO
		<ul> <li>A chamber with three layers of polythene sheets shall enclose the top portion of the chimney above the roof.</li> </ul>						7 00
		A 3-chamber decontamination unit shall be constructed at the entrance to the cremators/flues/chimney for entry and exit from the work area. It shall comprise a dirty room, a shower room and a clean room of at least 1m x 1m base with 3 layers of fire retardant polythene sheet.						
		<ul> <li>Workers shall carry out decontamination procedures before leaving the work area.</li> </ul>						
		<ul> <li>All workers shall wear full protective equipment, disposable protective overall, nitrile gloves, rubber boots, and full-face positive pressure respirator.</li> </ul>						
		<ul> <li>Warning signs in both Chinese and English shall be put up in conspicuous areas.</li> </ul>						
		Site preparation procedures specific to severely contaminated DCM:						
		The walls, floor and ceiling of the cremator room shall be lined with 3-layers of fire retardant polythene sheets.						
		• Air movers shall be installed at the cremator room, and at the bottom of the chimney to exhaust air from the work area. A stand by air mover shall also be installed with each of the air movers. Sufficient air movement shall be maintained to give a minimum of 6 air changes per hour to the work area.						
		<ul> <li>New pre-filters and HEPA filters shall be used on the air movers.</li> </ul>						
		<ul> <li>Before commencement of the decommissioning work a smoke test with non- toxic smoke shall be carried out to ensure the air tightness of the containment.</li> </ul>						
		Demolition and handling procedures:						
		The cremators/flue/chimney shall be removed from top down.						
		<ul> <li>Scrubbing and HEPA vacuuming shall be used to remove any ash or residues attached to the cremators, flue, chimney and other building structures.</li> </ul>						
		<ul> <li>Wastes generated from the contaminant or decontamination unit including the workers protection clothing shall be disposed of at landfill site.</li> </ul>						

EIA Ref	EM&A Ref.	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Impl Stag	ementa	tion	Relevant Legislation and
			-		D	С	0	Guidelines
		After completion of removal, all surfaces shall be decontaminated by HEPA vacuum.						
		If any contaminated wastewater needs to be discharged out of the site, it shall be properly treated to WPCO requirements with prior agreements with EPD on discharge standards.						
		Demolition and handling procedures specific to severely contaminated DCM:						
		The contaminated detached sections of the building structures shall be wrapped with 2 layers of fire retardant polythene sheets. A third layer shall be wrapped and secured with duct tape. Wet wiping shall be used to decontaminate the outer layer.						
		After completion of removal and decontamination, spray the innermost layer of the fire retardant polythene sheet with PVA. Upon drying, peel off and dispose of at landfill site. Repeat for the other 2 layers disposing the final layer as contaminated wastes.						
		Treatment and disposal procedures:						
		<ul> <li>Immobilise the ash waste by mixing with cement in the correct ratio as determined by pilot mixing and TCLP test.</li> </ul>						
		Place material in polythene lined steel drums for disposal at landfill. The drums should clearly be marked with "DANGEROUS CHEMICAL WASTE" in English and Chinese. Prior agreement of the disposal criteria must be obtained from EPD and the landfill operator.						
		• If the landfill disposal criteria cannot be met, disposal at the CWTC in Tsing Yi shall be considered.						
S.6.9.1 -	S.5.3.25	Chemical Waste	Project site /	Contractor		✓		Code of Practice
S.6.9.2	- S.5.3.7	Should any chemical waste be generated, the Contractor must register with the EPD as chemical waste producer.	demolition					on the Packaging, Labelling and
		All the chemical waste shall be handled according to the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. The chemical waste shall be stored and collected by an approved contractor for disposal at a licensed facility is accordance with the Waste Disposal (Chemical Waste).						Storage of Chemical Wastes Waste Disposal
		a licensed facility in accordance with the Waste Disposal (Chemical Waste) (General) Regulation.						(Chemical Waste) (General)
		<ul> <li>Principles of reuse and recycle chemical waste on site as far as practicable shall be adopted by the Contractor.</li> </ul>						Regulation.

EIA Ref	EM&A Ref.	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Imple Stage	ementat es*	ion	Relevant Legislation and
					D	С	0	Guidelines
S.6.9.3	S.5.3.28	Containers used for the storage of chemical waste shall:						
		<ul> <li>Be suitable for the substance they are holding, resistant to corrosion, maintained in good condition, and securely closed.</li> </ul>						
		<ul> <li>Have a capacity of less than 450 litres unless the specifications have been approved by the EPD.</li> </ul>						
		<ul> <li>Display a label in English and Chinese in accordance with instructions prescribed in Schedule 2 of the Waste Disposal (Chemical Waste) (General) Regulation.</li> </ul>						
S.6.9.4	S.5.3.29	The storage area for chemical waste shall:						
		Be clearly labelled and used solely for the storage of chemical waste.						
		■ Be enclosed on at least 3 sides.						
		<ul> <li>Have an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in that area, whichever is the greatest.</li> </ul>						
		Have adequate ventilation.						
		<ul> <li>Be covered to prevent rainfall entering (water collected within the bund must be tested and disposed as chemical waste if necessary).</li> </ul>						
		<ul> <li>Be properly arranged so that incompatible materials are adequately separated.</li> </ul>						
S.6.9.25	S.5.3.30	Disposal of chemical waste shall be:						
		■ Via a licensed waste collector.						
		<ul> <li>A facility licensed to receive chemical waste, such as the Chemical Waste         Treatment Facility at Tsing Yi, which offers a chemical waste collection service         and can supply the necessary storage containers. or     </li> </ul>						
		A waste recycling plant approved by EPD.						
S.6.7.27 -	S.5.3.31	General Refuse	Project site /	Contractor		✓		
S.6.7.28	General refuse shall be stored in enclosed bins or compaction units separate	construction and demolition stages						

EIA Ref	EM&A Ref.	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Impl Stag	ementa es*	tion	Relevant Legislation and
		• Individual collectors often recover aluminium cans from the waste stream if they are segregated or easily accessible. Therefore, separately labelled bins for their deposit shall be provided if feasible. Similarly, plastic bottles and carton package material generated on site shall be separated for recycling as far as possible. Site office waste shall be reduced through recycling of paper if volumes are large enough to warrant collection. Participation in a local collection scheme shall be considered if one is available.	-		D	С	0	Guidelines
		Operation Phase)	1	_				T
S.6.8.16	S5.3.33	Ash and non-combustible residues  The disposal of bone ash and non-combustible residues shall be properly collected and handled to avoid dust emissions. In line with the current practices, the bone ash will be stored in covered containers for collection by the deceased's relatives within 2 months upon appointment and the non-combustible residues will be collected in sealed heavy-duty polythene bags for disposal at landfill.	New Crematorium operation	FEHD			<b>✓</b>	
S.6.8.34	S.5.3.34	<ul> <li>Chemical Wastes</li> <li>All the chemical wastes arising from the air pollution control system, machinery maintenance and servicing shall be collected by drum type container and removed by the licensed chemical waste contractor under the provisions of the Waste Disposal (Chemical Waste) (General) Regulations and in accordance with the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes.</li> <li>The relevant measures provided in S.6.9.1 - S.6.9.5 shall also be followed.</li> </ul>	New Crematorium operation	FEHD			<b>✓</b>	Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. Waste Disposal (Chemical Waste) (General) Regulation.
S.6.8.35 - S.6.8.37	S.5.3.35 - S.5.3.36	The general refuse shall be separated from any chemical wastes and stored in covered waste skips. Food and Environmental Hygiene Department (FEHD) shall remove general refuse from the site, separately from chemical wastes, on daily basis to minimise odour, pest and litter impacts. Burning of refuse must be strictly prohibited.  Waste generated in offices shall be reduced through segregation and collection of recyclable waste materials (such as paper and carton packages) if the volumes are large enough to warrant collection. Participation in a local collection scheme shall be considered if one is available.	New Crematorium operation	FEHD			<b>√</b>	

EIA Ref	EM&A Ref.	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Impl Stag	ementa es*	tion	Relevant Legislation and
					D	С	0	Guidelines
		■ To promote recycling of waste paper, aluminium cans and plastic bottles by the visitors clearly labelled recycling bins shall be placed at convenient locations within the New Crematorium area. A reliable waste-recycling agent shall be used to collect the items on a regular basis.						
Waste Man	nagement (E	EM&A)						
S.11.2.17	S.5.3.10	Supplementary site investigations shall be conducted for asbestos in building structures and for dioxins, heavy metals and PAH in ash/particular matter samples.	Cremators / flue / chimney and surrounding area.  After decommissioning	Contractor		<b>√</b>		ProPECC PN 2/97 and 3/94 AIR, AMP/AAP to be submitted under APCO
			but prior to demolition					Future Supplementary Investigation Site Plan
Landscape	and Visua	I (Construction Phase)						
S.7.9.2 MC 1	S.6.3.1	Site offices and construction yards:  Site offices shall have olive green roof and façade coating or colour matches with existing environment.	All site offices / Design and construction phases	ArchSD's Contractor	<b>√</b>	<b>✓</b>		
		<ul> <li>Site offices and the construction yard shall be decommissioned after construction.</li> </ul>						
S.7.9.2 MC 2	S.6.3.1	Height of site offices:     The height of site offices, including the rooftop shall not exceed 10m.     Building services equipment such as antennas may exceed 10m and shall be coated in black.	All site offices / Design and construction phases	ArchSD's Contractor	<b>✓</b>	<b>√</b>		
S.7.9.2 MC 3	S.6.3.1	Hoarding and screening:     Where practical the site offices areas, construction yards and storage areas shall be screened using colour in harmony with the surrounding environment around the peripheries of the works area until the completion of relevant construction phases.	All site offices and construction yard areas / Design and construction phases	ArchSD's Contractor	<b>√</b>	<b>√</b>		
S.7.9.2 MC 4	S.6.3.1	Construction plant and building material:  Shall be orderly and carefully stored in order to appear neat and avoid visibility from outside where practical.	Works site / Design and construction phases	ArchSD's Contractor	✓	✓		

EIA Ref	EM&A Ref.	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Imple Stage	ementat	tion	Relevant Legislation and
			-		D	С	0	Guidelines
		<ul> <li>Excess materials shall be removed from site as soon as practical.</li> <li>All construction plants shall be removed from site upon completion of construction works.</li> </ul>						
S.7.9.2 MC 5	S.6.3.1	Construction light:  To be oriented away from the viewing location of VSRs.  All lighting facing sensitive receiver shall have frosted diffusers and reflective covers.	All construction lights / Design and construction phases	ArchSD's Contractor	<b>√</b>	<b>✓</b>		
S.7.9.2 MC 6	S.6.3.1	Silting trap  Silting traps shall be installed to minimise silting to streams.	Streams / Construction phase	Contractor		<b>√</b>		
S.7.9.3 MT 1	S.6.3.1	Compensation for losses:  The tree compensation to tree loss ratio shall be at least 1:1 in term of quantity.	Within the Wo Hop Shek Crematorium	ArchSD's Contractor	✓	<b>√</b>		ETWB TCW No. 2/2004 ETWB TCW No. 3/2006
S.7.9.3 MT 2	S.6.3.1	Where practical, trees that require removal shall be transplanted on Site.	Work site / Design and construction phases	ArchSD's Contractor	<b>√</b>	<b>√</b>		ETWB TCW No. 2/2004 ETWB TCW No. 3/2006
S.7.9.3 MT 3	S.6.3.1	Amenity planting:  Planting works shall be carried out under the supervision of a specialist landscape sub-contractor.  The rooftop of the cremation plant room shall be planted with lawn.  Open spaces shall be included Project.  Screen planting such as planting a roll of trees along the site boundary butting Kiu Tau Road shall be carried out.  New trees, shrubs and groundcover shall be carefully selected and designed to homogenize with the environment.	As shown on mitigation measure plans / All phases	ArchSD's & FEHD's Contractor	<b>√</b>	<b>√</b>	<b>√</b>	ETWB 2/2004
S.7.9.3 MT 4	S.6.3.1	Woodland mix planting:  Woodland mix, comprising of tree seedlings and shrubs, shall be planted within the Wo Hop Shek Cemetery to enhance the ecological value and compensatory of tree loss.	Within the Wo Hop Shek Cemetery / All phases	ArchSD's Contractor	<b>√</b>	<b>✓</b>		ETWB TCW No. 2/2004ETWB TCW No. 3/2006
S.7.9.3 MT 5	S.6.3.1	Preservation:  No tree shall be transplanted or felled without prior approval by relevant Government departments.	Work site / All phases	ArchSD's Contractor	<b>√</b>	<b>√</b>		ETWB TCW No. 2/2004 ETWB TCW No.

EIA Ref	EM&A Ref.	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Imple Stage	ementa es*	tion	Relevant Legislation and
					D	С	0	Guidelines
		• All trees that are marked for retention shall be fenced off with a 1.2m high fence around the dripline of trees or larger area as far as feasible.						3/2006
		Transplant preparation works shall be carried as soon as possible after commencement of construction. Over-pruning such as hard pruning of tree crown, pollarding or topping shall be avoided. Rootball and crown pruning shall be carried out over at least 3 months.						
		<ul> <li>Existing shrub and ground cover planting areas that will not be removed shall be maintained in good condition and enhanced where practical.</li> </ul>						
S.7.9.4 MB 1	S.6.3.1	The 10m height headroom cremation plant room shall be half sunken to reduce the visual impact to pedestrians.	Cremation plant room / Design phase	ArchSD's Contractor	<b>√</b>	<b>√</b>		
S.7.9.4 MB 2	S.6.3.1	The chimney shall be designed to have sculptural outlook and articulated.	Chimney / Design phase	ArchSD's Contractor	<b>√</b>	✓		
S.7.9.4 MB 3:	S.6.3.1	The chimney stacks shall be designed to locate at the least conspicuous location of the site to VSRs.	Chimney / Design phase	ArchSD's Contractor	✓	✓		
Landscape	and Visua	I (EM&A)						
S.11.2.23 -	S.6.2	Details of the inspection frequency and parameters will be outlined in the EM&A Manual.	Work site / Construction	Contractor		<b>✓</b>		
S.11.2.24	lity (Constr	uction Phase)						
S.8.7.1 to	S.7.2.2	Construction Runoff and Drainage	Work site /	Contractor		<b>√</b>		ProPECC PN 1-
S.8.7.4	0.7.2.2	<ul> <li>Wastewater shall be properly treated to meet the discharge standards set out in the relevant Water Pollution Control Ordinance (WPCO) discharge licence. No direct discharge of site runoff into the two streams shall be allowed.</li> </ul>	Construction	Contractor		V		94 & WPCO
		<ul> <li>Provision of perimeter channels to intercept storm runoff from outside the Site.</li> <li>These shall be constructed in advance of site formation works and earthworks.</li> </ul>						
		<ul> <li>Sand/silt removal facilities such as sand traps, silt traps and sediment basins should be provided to remove sand/silt particles from runoff to meet the requirements of the Technical Memorandum standard under the WPCO.</li> </ul>						
		Works shall be carefully programmed to minimise soil excavation works during rainy seasons.						
		Exposed soil surface shall be protected by paving as soon as possible to reduce the potential of soil erosion.						

EIA Ref	EM&A Ref.	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Imple Stag	ementat es*	tion	Relevant Legislation and
		Temporary access roads shall be protected by crushed gravel and exposed			D	С	0	Guidelines
		slope surfaces shall be protected when rainstorms are likely to occur.						
		Trench excavation shall be avoided in the wet season as far as practicable, and if necessary, these trenches shall be excavated and backfilled in short sections.						
		<ul> <li>Open stockpiles of construction materials on Site shall be covered with tarpaulin or similar fabric during rainstorms.</li> </ul>						
		<ul> <li>Sand and silt in the wash water from the wheel from the wheel washing facility shall be settled out and removed before discharging into the storm drain.</li> </ul>						
		Oil receptor shall be provided in the drainage system and regularly emptied to prevent the release of oil and grease into the storm drainage system after accidental spillage.						
S.8.7.5	S.7.2.3	General Construction Activities	Work site /	Contractor		<b>√</b>		ProPECC PN 1-
		<ul> <li>Debris and rubbish generated on Site shall be collected, handled and disposed of properly to avoid them entering the two streams.</li> </ul>	Construction phase					94 & WPCO
		• All fuel tanks and storage areas shall be provided with locks and be sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank.						
		<ul> <li>Open storm water drains and culverts near the works area shall be covered to block the entrance of large debris and refuse.</li> </ul>						
S.8.7.6	S.7.2.4	Sewage from On-site Workforce	Work site /	Contractor		✓		WPCO
		Portable chemical toilets shall handle the sewage from construction work force if the existing toilets in the Site are not adequate. Licensed contractors who shall be responsible for appropriate disposal and maintenance of these facilities shall provide appropriate and adequate portable toilets.	Construction phase					
S.8.7.7	S.7.2.5	Groundwater	Work site /	Contractor		<b>√</b>		WPCO
		Sheet piling shall be provided at suitable location around the basement excavation to reduce the effect of lowering the water table from any dewatering process. Any discharge of groundwater pumped out from any dewatering process of the construction works shall be treated to comply with the standards set in the relevant discharge licence prior discharge. No discharge of the groundwater shall be allowed into the two streams.	Construction phase					
Ecology (C	 Constructio	· · · ·	I					1
S.9.8.3 -	S.8.3.1	Mitigation to minimise impacts on habitat and vegetation loss:	Work site	Arch SD /	<b>√</b>	<b></b>		ETWB Technical

EIA Ref	EM&A Ref.	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Imple Stag	ementat	tion	Relevant Legislation and					
					D	С	0	Guidelines					
S.9.8.13		<ul> <li>Layout of the Project shall be carefully designed to avoid or minimise the area of habitat loss and the numbers to trees to be felled.</li> </ul>	particularly semi- natural woodland /	Contractor				Circular No. 3/2006					
		<ul> <li>All trees shall be preserved as far as possible, especially species of conservation concern. Recommendations to be provided in the Tree Survey Report to mitigate impacts on trees shall be followed.</li> </ul>	Design and construction phases.										
		Disturbance of individuals of the shrub / tree Transplantation of the two shrub / tree species of conservation concern, namely Aquilaria sinensis and Cibotium barometz, shall be avoided. Where loss of these species would be unavoidable, it is recommended to transplant them to same habitats with similar conditions. Following transplantation, regular monitoring of these trees shall be conducted by a suitable qualified botanist / horticulturist over a 12-month period.											
		<ul> <li>Transplantation of any affected trees to grassland / scrubland within the Wo Hop Shek Cemetery.</li> </ul>				Vo		crubland within the Wo			ı the Wo		
		<ul> <li>Compensatory planting of the felled trees shall follow the Technical Circular No. 3/2006 issued by ETWB.</li> </ul>											
S.9.8.15 -	S.8.3.1 Mitigation to construction runoff through general good site practice:  Temporary access to the work sites shall be carefully planned and located to minimise disturbance caused to the streams and nearby habitats.	Mitigation to construction runoff through general good site practice:	Work site /	Contractor		✓		ETWB Technical					
S.9.8.16		Construction phase					Circular (Works) No. 5/2005.						
		<ul> <li>Use of less or smaller construction plant may be specified to reduce disturbance to the streams and nearby habitats.</li> </ul>											
		<ul> <li>Temporary sewage system shall be designed and installed to collect wastewater and prevent it from entering the streams and nearby habitats.</li> </ul>											
		The Site inside or in the proximity of the streams and nearby habitats shall be temporarily isolated, such as by placing of sandbags or silt curtains with lead edge at bottom and properly supported props, to prevent adverse impacts on these areas.											
		<ul> <li>Natural bottom and existing flow in the streams shall be preserved as much as possible to avoid disturbance to the stream habitats.</li> </ul>											
		<ul> <li>Proper locations well away from the streams and nearby habitats for temporary storage of materials (e.g. equipment, filling materials, chemicals and fuel) and temporary stockpile of construction debris and spoil shall be identified before commencement of the works.</li> </ul>											
		<ul> <li>Stockpiling of construction materials, if necessary, shall be properly covered and located away from the streams and nearby habitats.</li> </ul>											

EIA Ref	EM&A Ref.	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Imple Stage	ementat es*	tion	Relevant Legislation and
					D	С	0	Guidelines
		<ul> <li>Construction debris and spoil shall be covered up and/or properly disposed of as soon as possible to avoid being washed into the streams and nearby habitats by rain.</li> </ul>						
		<ul> <li>Construction effluent, site runoff and sewage shall be properly collected and/or treated.</li> </ul>						
		<ul> <li>Proper locations for discharge outlets of wastewater treatment facilities well away from the streams and nearby habitats shall be identified.</li> </ul>						
		<ul> <li>Vehicles and other plant shall be carefully maintained and properly used to minimise the chance for accidental spillage.</li> </ul>						
		<ul> <li>Any spillages that do occur shall be quickly identified and appropriately cleaned up before they can contaminate streams or groundwater.</li> </ul>						
		<ul> <li>Temporary geo-textile silt fences around earth moving works shall be erected to trap any sediments being washed away and prevent them from entering surrounding areas.</li> </ul>						
		<ul> <li>Silt traps shall be installed at points where drainage from the Site enters temporary sewage system.</li> </ul>						
		<ul> <li>Exposed soil or other loose materials shall be covered with tarpaulins to prevent erosion, and then seeded and covered with a biodegradable geo- textile blanket for erosion control purposes.</li> </ul>						
S.9.8.18		Mitigation to protect the groundwater:	Work site /	Contractor		<b>√</b>		
		<ul> <li>Basement formation or any construction activities likely to pump out a large quantity of groundwater shall be protected with sheet-piling at suitable locations around the basement footprint, or by any like method.</li> </ul>	Construction phase					
		<ul> <li>No groundwater shall be pumped back to the two stream courses to protect the natural integrity of the stream habitat and the associated organism.</li> </ul>						
S.9.8.20	S.8.3.1	Mitigation for noise and other disturbance on ecological integrity:	Work site /	Contractor		✓		
		Use of sturdy 1.8 metres protective fencing shall be located at the edge of the tree canopy but not around the trunk.	Construction phase					
		Works beneath the tree canopy shall be avoided: If encroachment under the canopy area is unavoidable, adequate protections shall be provided to ensure no damage of any part of the tree would occur due to the encroachment.						
		<ul> <li>An approved Landscape Contractor shall implement any tree transplanting and planting works. Quality control of the work shall be undertaken by a qualified Landscape Architect through site inspections and approval of works.</li> </ul>						

EIA Ref	EM&A Ref.	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Imple Stage	ementat es*	ion	Relevant Legislation and
					D	С	0	Guidelines
		Construction works shall be restricted to works area which are clearly defined.						
		<ul> <li>Woodland or other habitats that would be affected by the construction works shall be well-defined and minimised.</li> </ul>						
		<ul> <li>Human inference to habitats beyond the site boundary and habitats proposed to be retained shall be avoided by providing temporary barricades.</li> </ul>						
		<ul> <li>Works area shall be reinstated immediately after completion of the construction.</li> </ul>						
		<ul> <li>Waste and other garbage generated during the construction of the proposed development shall be dumped properly.</li> </ul>						
		<ul> <li>Uncontrolled fire shall be strictly prohibited. Appropriate fire control measures shall be provided in order to protect nearby habitats.</li> </ul>						
Ecology (E	M&A)							
S.9.11 &	S.8.2.1	Audit/Inspection:	Work site /	Contractor		✓		
S.11.2.29		<ul> <li>Regular site audit / inspection shall be conducted at least once a week to inspect the implementation of the recommended mitigation measures (details to be outlined in the EM&amp;A Manual).</li> </ul>	Construction phase					
S.11.2.32	S.8.2.2 -	Monitoring on Transplantation:	Work site /	Contractor		<b>√</b>		
- S.11.2.33	S.8.2.4	<ul> <li>Trees requiring transplantation or protection shall be identified based on the information illustrated in the Tree Survey Report.</li> </ul>	Construction phase					
		■ Regular monitoring after transplantation of <i>Aquilaria sinensis</i> and <i>Cibotium barometz</i> individuals shall be conducted to check on the health and conditions of the plants. Monitoring shall cover the 12-month period following transplantation. The monitoring shall be conducted by a suitably qualified botanist / horticulturist at least twice a month for the first four months after transplantation, and once a month for the remaining eight months.						

Note: \* D = Design, C = Construction, O = Operation