## Annex A - Implementation Schedule of Recommended Mitigation Measures

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures	Implementation Agent	Imp	lementa Stage	ation	Relevant Legislation & Guidelines
			& timing of completion of recommended measures		D	C	О	
Air Quality	I							
S4.10.1	S3.1	Impervious dust screen or sheeting will be provided to enclose scaffolding from the ground floor level of building for construction of superstructure of the new buildings.	Land site/ During Construction	Contractor(s)		<b>*</b>		Air Pollution Control (Construction Dust) Regulation
S4.10.1	S3.1	Impervious sheet will be provided for skip hoist for material transport.	Land site/ During Construction, particularly dry season	Contractor(s)		<b>*</b>		-
S4.10.1	S3.1	The area where dusty work takes place should be sprayed with water or a dust suppression chemical immediately prior to, during and immediately after dusty activities as far as practicable.	Land site/ During Construction	Contractor(s)		<b>*</b>		-
S4.10.1	S3.1	All dusty materials should be sprayed with water or a dust suppression chemical immediately prior to any loading, unloading or transfer operation.	Land site/ During Construction	Contractor(s)		✓		-
S4.10.1	S3.1	Dropping heights for excavated materials should be controlled to a practical height to minimise the fugitive dust arising from unloading.	Land site/ During Construction	Contractor(s)		<b>*</b>		-
S4.10.1	S3.1	During transportation by truck, materials should not be loaded to a level higher than the side and tail boards, and should be dampened or covered before transport.	Land site/ During Construction	Contractor(s)		1		-
S4.10.1	S3.1	Wheel washing device should be provided at the exits of the work sites. Immediately before leaving a construction site, every vehicle shall be washed to remove any dusty material from its body and wheels as far as practicable.	Land site/ During Construction	Contractor(s)		<b>V</b>		-
S4.10.1	S3.1	Road sections between vehicle-wash areas and vehicular entrance will be paved.	Land site/ During Construction	Contractor(s)		✓		-

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures	Implementation Agent	Imp	lement Stage		Relevant Legislation & Guidelines
		Ü	& timing of completion of recommended measures		D	C	О	
S4.10.1	S3.1	Hoarding of not less than 2.4m high from ground level will be provided along the length of the Project Site boundary.	Land site/ During construction	Contractor(s)	✓	<b>✓</b>		-
S4.10.1	S3.1	Haul roads will be kept clear of dusty materials and will be sprayed with water so as to maintain the entire road surface wet at all times.	Land site/ During construction	Contractor(s)		<b>V</b>		-
S4.10.1	S3.1	Temporary stockpiles of dusty materials will be either covered entirely by impervious sheets or sprayed with water to maintain the entire surface wet all the time.	Land site/ During construction	Contractor(s)		<b>V</b>		-
S4.10.1	S3.1	Stockpiles of more than 20 bags of cement, dry pulverised fuel ash and dusty construction materials will be covered entirely by impervious sheeting sheltered on top and 3-sides.	Land site/ During construction	Contractor(s)		<b>*</b>		-
S4.10.1	S3.1	All exposed areas will be kept wet always to minimise dust emission.	Land site/ During construction	Contractor(s)		<b>*</b>		-
S4.10.1	S3.1	Ultra-low-sulphur diesel (ULSD) will be used for all construction plant on-site, as defined as diesel fuel containing not more than 0.005% sulphur by weight) as stipulated in <i>Environment</i> , <i>Transport and Works Bureau Technical Circular (ETWB-TC(W)) No 19/2005</i> on Environmental Management on Construction Sites.	Land site/ During construction/ During Operation	Contractor(s)		<b>✓</b>	<b>✓</b>	Environment, Transport and Works Bureau Technical Circular (ETWB-TC(W)) No 19/2005 on Environmental Management on Construction Sites
S4.10.1	S3.1	The engine of the construction equipment during idling will be switched off.	Land site/ During construction	Contractor(s)		<b>✓</b>		-
S4.10.1	S3.1	Regular maintenance of construction equipment deployed on-site will be conducted to prevent black smoke emission.	Land site/ During construction	Contractor(s)		<b>√</b>		-
S4.11.1	S3.1	To ensure proper implementation of the recommended dust mitigation measures and good construction site	Land site/ During construction	Contractor(s)/ Environmental Team		<b>✓</b>		-

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	recommended measures	Implementation Agent	Imp	mplementation Rele Stage & G		Relevant Legislation & Guidelines
			& timing of completion of recommended measures		D	C	0	
		practices during the construction phase, environmental site audits on weekly basis is recommended throughout the construction period.		(ET) & Independent Environmental Checker (IEC)				
S4.11.2	S3.2	It is recommended to continuously monitor and record the levels of air pollutants of the exhaust gas streams emitted from the stacks of the additional CCGT units by means of CEMS per the licence requirements.  Continuous monitoring of ambient concentrations of SO <sub>2</sub> , NO and NO <sub>2</sub> will be continued at the current CLP's AQMSs.	During operation	CAPCO			<b>✓</b>	-
Hazard to I	ife							
S5.6	S4	All construction workers shall comply with CLP's safety policy and requirements.	Land site/ During construction	Contractor(s)		✓		-
S5.6	S4	Method statements and risk assessments shall be prepared and safety control measures shall be in place before commencement of work.	Land site/ During construction	Contractor(s)		<b>V</b>		-
S5.6	S4	All work procedures shall be complied with the operating plant procedures or guidelines and regulatory requirements.	Land site/ During construction	Contractor(s)		<b>√</b>		-
S5.6	S4	Work permit system, on-site pre-work risk assessment and emergency response procedure shall be in place before commencement of work.	Land site/ During construction	Contractor(s)		<b>✓</b>		-
S5.6	S4	All construction workers shall equip with appropriate PPE when working at the Project Site.	Land site/ During construction	Contractor(s)		<b>*</b>		-
S5.6	S4	Safety training and briefings shall be provided to all construction workers.	Land site/ During construction	Contractor(s)		1		-
S5.6	S4	All construction workers shall be under close site supervision.	Land site/ During construction	Contractor(s)		<b>*</b>		-
S5.6	S4	Regular site safety inspections shall be conducted during	Land site/ During	Contractor(s)		✓		-

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures	Implementation Agent	Imp	lement Stage		Relevant Legislation & Guidelines
		ŭ	& timing of completion of recommended measures		D	C	0	
		the construction phase of the Project.	construction					
S5.13	S4	Ensure speed limit enforcement is specified in the contractor's method statement to limit the speed of construction vehicles on-site.	Land site/ During construction	Contractor(s)		<b>/</b>		-
S5.13	S4	Conduct speed checks to ensure enforcement of speed limits and to ensure adequate site access control.	Land site/ During construction	Contractor(s)		<b>✓</b>		-
S5.13	S4	Provide escort for hydrogen and CO <sub>2</sub> delivery vehicle drivers to ensure the right access route is used during the construction phases of the Project.	Land site/ During construction	Contractor(s)		1		-
S5.13	S4	A lifting plan, with detailed risk assessment, should be prepared and endorsed for heavy lifting of large equipment.	Land site/ During construction	Contractor(s)		<b>√</b>		-
S5.13	S4	Vehicle crash barrier, designed for the specific speed limit at the BPPS, should be provided between the construction site and the distillate oil storage facilities during 1st CCGT unit construction phase. Also, a vehicle crash barrier is to be provided between the construction site and the 1st CCGT unit during 2nd CCGT unit construction phase.	Land site/ During construction	Contractor(s)		<b>✓</b>		-
S5.13	S4	Any lifting operation near or over live equipment should be strictly minimised. If such operation cannot be avoided, lifting activities should be assessed, controlled and supervised. Adequate protection covers should also be provided on the existing BPPS facilities in case the operation of lifting equipment has a potential to impact live equipment at BPPS. Process isolation should be achieved in case that live equipment protection becomes impractical.	Land site/ During construction	Contractor(s)		<b>~</b>		-
S5.13	S4	The hydrogen road trailer and carbon dioxide road tanker delivery should follow alternative route, which is further from the construction site, during crane operation	Land site/ During construction	Contractor(s)		<b>✓</b>		-

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures	Implementation Agent	Imp	lement Stage		Relevant Legislation & Guidelines
			& timing of completion of recommended measures		D	C	0	
		and movement of construction vehicles in the vicinity.						
S5.13	S4	Ensure that a hazardous area classification study is conducted and hazardous area maps are updated before the start of the construction activities to ensure ignition sources are controlled during both construction and operation phases.	Land site/ During construction	Contractor(s)		<b>*</b>		-
S5.13	S4	Ensure work permit system for hot work activities within the Project Site is specified in the contractor's method statement to minimise/ control ignition sources during construction phase.	Land site/ During construction	Contractor(s)		<b>✓</b>		-
S5.13	S4	Ensure effective communication system/ protocol is in place between the construction contractors and operation staff.	Land site/ During construction	Contractor(s)		<b>√</b>		-
S5.13	S4	Ensure the Project Construction Emergency Response Plan is integrated with the Emergency Response Plan for the BPPS during construction phases. The plan should address stop work instructions to be promptly communicated to all construction workers performing hot works in case a confirmed flammable gas (natural gas and hydrogen) detection at the BPPS.	Land site/ During construction	Contractor(s)		•		-
S5.13	S4	Ensure that construction activities do not impede the functions of fire and gas detection system, fire protection system, muster areas, fire-fighting vehicle access and escape routes.	Land site/ During construction	Contractor(s)		<b>*</b>		-
S5.13	S4	Ensure a Job Safety Analysis is conducted for construction activities of the Project during the construction phases, to identify and analyse hazards associated with the construction activities (e.g. lifting operations by cranes) onto the existing plant facilities and operations. Potential risks of the construction activities shall be assessed, and risk precautionary measures shall be implemented in Contractor's works procedures.	Land site/ During construction	Contractor(s)		<b>*</b>		-

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures	Implementation Agent	Imp	lementa Stage		Relevant Legislation & Guidelines
		Ü	& timing of completion of recommended measures		D	C	О	
Noise							<u> </u>	
S6.8	S5	Monthly site inspections and audits are recommended to be carried out during the construction phase in order to confirm that regulatory requirements are being met.	All area/ During construction	Contractor(s)/ Environmental Team (ET) & Independent Environmental Checker (IEC)		<b>*</b>		-
Water Qual	lity			· ,				
S7.9	S6.5	Reduction of dredging rate from 4,000 m³ per day to 740 m³ per day for dredging at the seawater intake and discharge outfall	Marine Dredging/ During construction	Contractor(s)		<b>*</b>		-
S 7.9	S6.5	Deploy floating type silt curtain around grab dredger	Marine Dredging / During construction	Contractor(s)		<b>✓</b>		-
\$7.9	S6.5	Deploy single layer of floating type silt curtain surrounding coral colonies identify at dive survey Transect C (SR18). The silt curtain surrounding SR18 should provide sufficient clearance to the coral colonies such that no direct impact from the installation and anchoring of silt curtain would be inflicted on the coral colonies.	Marine Dredging/ During construction	Contractor(s)		<b>√</b>		-
S 7.9	S6.5	The contractor shall regularly inspect the silt curtains and check that they are moored and marked to avoid danger to marine traffic. Regular inspection on the integrity of the silt curtain should be carried out by the contractor and any damage to the silt curtain shall be repaired by the contractor promptly. Relevant marine works shall only be undertaken when the repair is fixed to the satisfaction of the engineer.	Marine Dredging/ During construction	Contractor(s)		•		-
S7.9	S6.5	Construction of intake and outfall structure shall be conducted behind drained cofferdam.	Marine Construction of Intake and Outfall Structure / During construction	Contractor(s)		<b>✓</b>		-
S 7.9	S6.5	All vessels should be well maintained and inspected before use to limit any potential discharges to the marine	Marine Dredging/ During construction	Contractor(s)		<b>*</b>		-

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures	Implementation Agent	Imp	lement Stage		Relevant Legislation & Guidelines
		, and the second	& timing of completion of recommended measures		D	C	0	& Guidelines  ProPECC PN 1/94, TM Standard under the WPCO  -
		environment.						
S 7.9	S6.5	All vessels must have a clean ballast system.	Marine Dredging/ During construction	Contractor(s)		~		-
\$7.9	S6.5	No discharge of sewage/grey wastewater should be allowed. Wastewater from potentially contaminated area on working vessels should be minimised and collected. These kinds of wastewater should be brought back to port and discharged at appropriate collection and treatment system.	Marine Dredging/ During construction	Contractor(s)		<b>*</b>		-
S 7.9	S6.5	No soil waste is allowed to be disposed overboard.	Marine Dredging/ During construction	Contractor(s)		<b>✓</b>		-
S 7.9	S6.5	Construction of intake and outfall structure shall be conducted behind drained cofferdam.	Marine Dredging/ During construction	Contractor(s)		~		-
S 7.9	S6.5	Silt removal facilities such as silt traps or sedimentation facilities will be provided to remove silt particles from runoff to meet the requirements of the TM standard under the WPCO. The design of silt removal facilities will be based on the guidelines provided in ProPECC PN 1/94. All drainage facilities and erosion and sediment control structures will be inspected on a regular basis and maintained to confirm proper and efficient operation at all times and particularly during rainstorms. Deposited silt and grit will be removed regularly.	Land site & drainage/ During construction	Contractor(s)		•		Standard under the
S 7.9	S6.5	Earthworks to form the final surfaces will be followed up with surface protection and drainage works to prevent erosion caused by rainstorms.	Land site & drainage/ During construction	Contractor(s)		<b>✓</b>		-
S 7.9	S6.5	Appropriate surface drainage will be designed and provided where necessary.	Land site & drainage/ During construction	Contractor(s)		<b>*</b>		-
S7.9	S6.5	The precautions to be taken at any time of year when rainstorms are likely together with the actions to be taken when a rainstorm is imminent or forecasted and actions	Land site & drainage/ During construction	Contractor(s)		~		ProPECC PN 1/94

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures	Implementation Agent	Imp	lement Stage	ation	Relevant Legislation & Guidelines
			& timing of completion of recommended measures		D	С	0	
		to be taken during or after rainstorms are summarised in Appendix A2 of ProPECC PN 1/94.						
S7.9	S6.5	Oil interceptors will be provided in the drainage system where necessary and regularly emptied to prevent the release of oil and grease into the storm water drainage system after accidental spillages.	Land site & drainage/ During construction	Contractor(s)		<b>✓</b>		-
S7.9	S6.5	Temporary and permanent drainage pipes and culverts provided to facilitate runoff discharge, if any, will be adequately designed for the controlled release of storm flows.	Land site & drainage/ During construction	Contractor(s)		<b>✓</b>		-
S7.9	S6.5	The temporary diverted drainage, if any, will be reinstated to the original condition when the construction work has finished or when the temporary diversion is no longer required.	Land site & drainage/ During construction	Contractor(s)		<b>✓</b>		-
S7.9	S6.5	Appropriate infiltration control, such as cofferdam wall, should be adopted to limit groundwater inflow to the excavation works areas in the Project site. Groundwater pumped out from excavation area should be discharged into the storm system via silt removal facilities.	Land site & drainage/ During construction	Contractor(s)		•		-
S7.9	S6.5	Appropriate numbers of portable toilets shall be provided by a licensed contractor to serve the construction workers over the construction site to prevent direct disposal of sewage into the water environment.	Land site & drainage/ During construction	Contractor(s)		<b>✓</b>		-
S7.9	S6.5	The contingency plan for the existing operation of the BPPS is considered sufficient for directing immediate response to any accidental spillage event.	Fuel spillage/ During operation	CAPCO			<b>V</b>	
S 7.9	S6.5	Mitigation measures required for maintenance dredging at seawater intake and discharge outfall would be the same as that recommended for construction phase dredging operation	Marine Dredging / During operation	Contractor(s)			<b>√</b>	

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures	Implementation Agent	Imp	lementa Stage	ation	Relevant Legislation & Guidelines
		ŭ	& timing of completion of recommended measures		D	C	О	
S7.9 and S7.12	S6.2-S6.5	A water quality monitoring programme shall be implemented for the construction phase.	Designated monitoring stations as defined in EM&A Manual/During marine construction period	Environmental Team (ET)		<b>*</b>		-
S7.9 and S7.12	S6.2-S6.5	To ensure compliance to the effluent standard, regular monitoring of effluent quality is recommended during normal operation. Furthermore, marine water monitoring at selected nearby WSRs during the first year of project commission are recommended to ensure compliance to WQO or other water quality criteria.	During operation	Environmental Team (ET)/ CAPCO		<b>✓</b>		TM Standard under the WPCO, WPCO license requirements, WQO
Waste Man	agement							
S8.5.1	Table 7.1	The contractor(s) must ensure that all the necessary waste disposal and marine dumping permits or licences are obtained prior to the commencement of the construction works.	Contract mobilisation/ During construction	Contractor(s)		<b>✓</b>		-
S8.5.1	S7.2	The contractor will open a billing account with EPD in accordance with the Waste Disposal (Charges for Disposal of Construction Waste) Regulation for the payment of disposal charges.	Contract mobilisation/ During construction	Contractor(s)		<b>*</b>		Cap 354N Waste Disposal (Charges for Disposal of Construction Waste) Regulation
S8.5.1	S7.2	A trip-ticket system will be established in accordance with <i>DEVB TC(W) No. 6/2010</i> to monitor the reuse of surplus excavated materials off-site and disposal of construction waste and general refuse at transfer facilities/ landfills, and to control fly-tipping.	Contract mobilisation/ During construction	Contractor(s)		1		DEVB TC(W) No. 6/2010, Trip Ticket System for Disposal of Construction & Demolition Materials
S8.5.1	S7.2	A WMP as stated in the <i>PNAP ADV-19</i> for the amount of waste generated, recycled and disposed of (including the disposal sites) will be established and implemented during the construction phase as part of the Environmental Management Plan (EMP). The Contractor will be required to prepare the EMP and submits it to the Architect/ Engineer under the Contract for approval prior to implementation.	All area/ During construction	Contractor(s)		•		PNAP ADV-19

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures	Implementation Agent	Imp	lement Stage		Relevant Legislation & Guidelines
			& timing of completion of recommended measures		D	C	0	
S8.5.1	Table 7.1	The management of dredged/ excavated sediment management requirement from <i>PNAP ADV-21</i> will be incorporated in the Specification of the Contract Documents.	Marine works/ During construction/ During operation	CAPCO/ Contractor(s)		<b>*</b>	<b>✓</b>	PNAP ADV-21 and Dumping at Sea Ordinance (DASO)
S8.5.1	S7.2	C&D materials will be segregated on-site into public fill and construction waste and stored in different containers or skips to facilitate reuse of the public fill and proper disposal of the construction waste. Specific areas of the Site will be designated for such segregation and storage if immediate use is not practicable. Prefabrication will be adopted as far as practicable to reduce the construction waste arisings.	Contract mobilisation/ During construction	Contractor(s)		•		-
S8.5.1	S7.2	The contractor(s) will register as a chemical waste producer with the EPD. Chemical waste will be handled in accordance with the <i>Code of Practice on the Packaging</i> , <i>Handling and Storage of Chemical Wastes</i> .	All area/ During construction/ During operation	CAPCO/ Contractor(s)		<b>✓</b>	<b>✓</b>	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5.1	S7.2	<ul> <li>Containers used for storage of chemical wastes will:</li> <li>Be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition, and securely closed;</li> <li>Have a capacity of less than 450 L unless the specifications have been approved by the EPD; and</li> <li>Display a label in English and Chinese in accordance with instructions prescribed in Schedule 2 of the Regulations.</li> </ul>	All area/ During construction/ During operation	CAPCO/ Contractor(s)		*	*	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5.1	S7.2	<ul> <li>The storage area for chemical wastes will:</li> <li>Be clearly labelled and used solely for the storage of chemical waste;</li> <li>Be enclosed on at least 3 sides;</li> <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>	All area/ During construction/ During operation	CAPCO/ Contractor(s)		*	*	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures	Implementation Agent	Imp	lement Stage	ation	Relevant Legislation & Guidelines
			& timing of completion of recommended measures		D	С	0	
		<ul> <li>Have adequate ventilation;</li> <li>Be covered to prevent rainfall entering (water collected within the bund must be tested and disposed of as chemical waste, if necessary); and</li> <li>Be arranged so that incompatible materials are appropriately separated.</li> </ul>						
S8.5.1	S7.2	<ul> <li>Chemical waste will be disposed of:</li> <li>Via a licensed waste collector; and</li> <li>To a facility licensed to receive chemical waste, such as the Chemical Waste Treatment Facility which also offers a chemical waste collection service and can supply the necessary storage containers.</li> </ul>	All area / During construction / During operation	CAPCO/ Contractor(s)		<b>✓</b>	<b>✓</b>	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5.1	S7.2	General refuse will be stored in enclosed bins separately from construction and chemical wastes. The general refuse will be delivered to the WENT Landfill, separately from construction and chemical wastes, on a daily basis to reduce odour, pest and litter impacts.	All area / During construction / During operation	CAPCO/ Contractor(s)		<b>*</b>	<b>*</b>	-
S8.5.1	S7.2	Recycling bins will be provided at strategic locations within the Project Site to facilitate recovery of recyclable materials (including aluminium can, waste paper, glass bottles and plastic bottles) from the Project Site.  Materials recovered will be sold for recycling.	All area/ During construction/ During operation	CAPCO/ Contractor(s)		•	<b>√</b>	-
S8.5.1	S7.2	To avoid any odour and litter impact, appropriate number of portable toilets will be provided for workers on-site.	All area/ During construction/ During operation	CAPCO/ Contractor(s)		<b>V</b>	<b>V</b>	-
S8.5.1	S7.2	At the commencement of the construction works, training will be provided to workers on the concepts of site cleanliness and on appropriate waste management procedures, including waste reduction, reuse and recycling.	During construction	Contractor(s)		<b>✓</b>		-
S8.7	S7.2	It is recommended that monthly audits of the waste management practices be carried out during the construction phase to determine if wastes are being managed in accordance with the recommended good site	All area/ During construction	Contractor(s)		<b>V</b>		-

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			& timing of completion of recommended measures		D	С	0	
		practices and WMP. The audits will investigate all aspects of waste management including waste generation, storage, handling, recycling, transportation and disposal.						
Land Conta	amination		•					
S9.8	S8	<ul> <li>During construction stage, good house-keeping practices shall be maintained by the contractor(s) to minimise the risk of land contamination due to construction activities, including but not limited to the followings:</li> <li>Minimise the chemical stock within Project Site, only store the amount of chemicals needed;</li> <li>Designated chemical/ chemical waste storage shall be established on concrete paved ground, as far as practicable. Secondary containments shall be provided for storage of chemicals/ chemical wastes;</li> <li>Conduct regular maintenance and inspection on plants and equipment, particularly those involve the use of fuel, hydraulic oil or any sort of chemicals; and</li> <li>Divert rainfall and surface run-off around construction areas.</li> </ul>	All area/ During construction	Contractor(s)		·		-
S9.8  Ecology S10.9.2	S8 S9.1	To ensure that the construction contractor(s) has (have) implemented the above recommendations, regular site inspections and audits during construction phase shall be conducted in accordance with the Environmental Monitoring & Audit (EM&A) Manual. The visual inspections/audits will look at all aspects of construction activities that disturb soil. The first inspection/audit will be conducted at the commencement of the construction works.	All area / During construction  Marine works / During	Contractor(s)		<i>V</i>	·	-
510.9.2	59.1	The vessel operators will be required to control and manage all effluent from vessels to prevent avoidable water quality impacts.	Marine works/ During construction/ During operation	Contractor(s)			•	
S10.9.2	S9.1	A policy of no dumping of rubbish, food, oil, or chemicals will be strictly enforced. This will also be	Marine works/ During construction/ During	Contractor(s)		✓	<b>√</b>	

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage			Relevant Legislation & Guidelines
					D	C	0	-
		covered in the contractor briefings.	operation					
S10.9.2	S9.1	The effects of construction of the Project on the water quality of the area will be reduced with the implementation of mitigation measures as described in the Water Quality Impact Assessment.	All area/ During construction	Contractor(s)		<b>✓</b>		ProPECC PN 1/94, TM Standard under the WPCO
S10.9.3	S9.1	All vessel operators working on the Project construction will be given a briefing, alerting them to the possible presence of dolphins in the marine works areas, and the guidelines for safe vessel operation in the presence of cetaceans. The use of high-speed vessels will be avoided as far as possible. All vessels used in this Project will be required to slow to 10 knots around the Project's marine works areas and area with high dolphin usage.	Marine works / During construction / During operation	Contractor(s)		<b>*</b>	<b>V</b>	
S10.9.3	S9.1	The vessel operators of this Project will be required to use predefined and regular routes.	Marine works / During construction / During operation	Contractor(s)		<b>✓</b>	<b>*</b>	
S10.9.3	S9.2.1	A marine mammal exclusion zone within a radius of 250 m from dredger will be implemented during the construction phase. Qualified observer(s) will scan an exclusion zone of 250 m radius around the work area for at least 30 minutes prior to the start of dredging. If cetaceans are observed in the exclusion zone, dredging will be delayed until they have left the area.	Marine works/ During construction/ During operation	Contractor(s)		<b>*</b>	*	
S10.9.4	S9.1	Structures will utilise appropriate design to complement the surrounding landscape wherever possible.  Materials and finishes will be considered during detailed design.	All area/ Detailed design/ During operation	CAPCO	✓		<b>√</b>	
S10.9.4	S9.1	All of the major lighting sources will be pointed inward and downwards to avoid disturbances to wildlife.	All area/ Detailed design/ During construction/ During operation	CAPCO	✓	<b>V</b>	<b>✓</b>	
S10.9.4	S9.1	Good site practices and precautionary measures are recommended to be implemented to avoid encroachment	All area/ During construction	CAPCO/ Contractor(s)	✓	<b>√</b>		

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage			Relevant Legislation & Guidelines
					D	С	0	
		onto the nearby natural habitats, minimise disturbance to wildlife, and ensure air and water quality is maintained. Mitigations measures as mentioned in the air quality (Section 4) and water quality (Section 7) assessments will be consequently instigated to minimise dust and surface runoff to adjacent wildlife and natural habitats during construction activities.						
S10.9.4	S9.1	Erect fences or demarcate along the boundary of the works area before the commencement of works to prevent vehicle movements, and encroachment of staffs, onto adjacent areas.	Land site/ During construction	CAPCO/ Contractor(s)	<b>√</b>	✓		
S10.9.4	S9.1	Avoid any damage and unnecessary disturbance to the surrounding natural habitats.	Land site/ During construction	CAPCO/ Contractor(s)	<b>√</b>	<b>✓</b>		
Fisheries							_	
S11.7		N/A						
Landscape	& Visual							
S12.8	S11	Sensitive architectural design of the new facilities. This should take into account material texture, colour, finished to structure and the context of the site.	All area/ Detailed design/ During operation	CAPCO/ Design Contractor	<b>✓</b>	<b>✓</b>	<b>✓</b>	
S12.8	S11	Reinstatement. Following construction, areas temporarily affected by the construction works, will be reinstated to their former state. This will include the artificial shoreline as well as parts of some roads.	All area/ During construction	CAPCO/ Contractor(s)		✓		
S12.8	S11	Preservation of vegetation. Plants affected by the proposed Project are all within movable planters. Prior to construction, these affected moveable planters should be re-located to a suitable area, still within the BPPS, taking care to ensure the existing health status of the vegetation is maintained or enhanced at the new location. Once construction is complete the final location of the moveable planters should be integrated into the LMP.	All area/ During construction	CAPCO/ Contractor(s)	<b>√</b>			

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures	Implementation Agent	Implementatio Stage		ation	Relevant Legislation & Guidelines	
			& timing of completion of recommended measures		D	С	0		
S12.8	S11	Update Landscape Master Plan (LMP) to take account of the changes brought about by the Project and explore suitable areas where soft landscaping may be installed amongst the new facilities. The LMP should give due consideration to the possibility of re-provisioning of disturbed lands and provision of screen planting within the facility boundaries as far as practicable.	All area/ Detailed design/ During operation	Qualified Landscape Professional employed by Project Proponent	<b>✓</b>	<b>✓</b>	<b>✓</b>		
Cultural He	Cultural Heritage								
S13.7		N/A						-	
Health Impa	Health Impact								
S14.7		N/A						-	