

9 Implementation Schedule of the Recommended Mitigation Measures

The implementation schedule of the recommended mitigation measures is listed in Tables 9-1.

EIA Ref#	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages*			Relevant Legislation and Guidelines
				Des	C	O	
S 3.8.1 – S 3.8.3	The dredging rate should not exceed the following: At existing site – 61.5 m ³ /hr At proposed site – 81.7 m ³ /hr A silt curtain should be deployed at the existing site during the dredging operation if the removal of the anchor blocks from the existing site is required.	Work site / During the construction period	Project Proponent and Contractor		√		WPCO
S 3.8.6	The fine mesh screen system for the industrial effluent treatment should be cleaned regularly to ensure its full functionality	The Dock/ During operation period	Project Proponent			√	WPCO
S 3.8.6	Provision of a treatment system to treat the hull wash water.	The Dock / During operation period	Project Proponent			√	WPCO
S 3.8.7	Ships using TBT-containing paint should not be received during the future operation of the Dock at Tsing Yi.	The Dock / During operation period	Project Proponent			√	WPCO
S 3.8.8	During application of antifouling paint, the following measures should be adopted: <ul style="list-style-type: none">Provision of bunded area for the preparation of antifouling paints	The Dock / During operation period	Project Proponent			√	WPCO

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	to avoid accidental spillage into the sea; <ul style="list-style-type: none"> • Treating spillage with a suitable absorbent and disposal of this as chemical waste; • Not performing paint spraying in high winds; and • Provision of sheeting to prevent spray drift. 						
S 3.8.8	During removal of antifouling paint, the following measures should be adopted: <ul style="list-style-type: none"> • Containing wash water and segregating wash water from non-contaminated water; • Avoid washing residues directly into the sea; and • Treating the paint scrapings as the chemical waste. 	The Dock / During operation period	Project Proponent			√	WPCO
S 3.8.8	During sand blasting: <ul style="list-style-type: none"> • Cleaning up blasting residues (abrasive grit and paint flakes) immediately after the blasting activities to avoid these washing into the sea; and • Close off wastewater drains on the floating dock whenever there are cleaning and blasting activities. 	The Dock / During operation period	Project Proponent			√	WPCO
S 4.6.1	Provide sufficient enclosed skips on the working vessels to prevent waste materials being blown by wind into the sea.	Work vessels / During the construction period	Contractor		√		Waste Disposal Ordinance

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S 4.6.3	<p>Good site practices and waste reduction.</p> <ul style="list-style-type: none"> • Provision of training for workers for the proper waste management and chemical waste handling procedures; • Provision of sufficient number of waste disposal points; • Nomination of an experienced and a dedicated staff to be responsible for good site practice and implementation of the waste management procedures; • Undertaking regular cleansing of the Dock to prevent any waste being washed or blown into the sea; • Provision of enclosed skips to prevent odour nuisance; and general refuse being blown into the sea and; • Proper storage and handling procedures for paints, solvent and chemicals to prevent leakage. 	The Dock / During the operation period	Project Proponent			√	Waste Disposal Ordinance (Cap.54)
S 5.6.1	Provide regular checking and maintenance of the generators to avoid nuisance to the nearby sensitive receivers.	The Dock / During the operation period	Project Proponent			√	Air Pollution Control Ordinance
S 6.4.7 to S 6.4.10	Implement the evacuation plan for the Yiu Lian Floating Dock No. 3 when necessary.	Work site and the Dock / During the construction and operation period	Project Proponent and Contractor		√	√	EIAO-TM

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S 6.4.11	Training and drill for implementation of the Evacuation Plan should be arranged annually or when it is necessary.	The Dock / During the operation period	Project Proponent			√	EIAO-TM
S 6.4.12	Provide a safety induction course for all workers before construction works.	Work site / During the construction period	Project Proponent and Contractor		√		EIAO-TM
S 6.4.13	Establish a direct communication links between Emergency Command Centre and each working vessels for emergency communications.	Work site / During the construction period	Project Proponent and Contractor		√		EIAO-TM
S. 3.10	<p>Conduct Environmental Monitoring and Audit (EM&A) in accordance with the EM&A Manual</p> <p>Site inspection shall be carried out regularly by the Environmental Team (ET) to inspect construction and operation activities to ensure that the recommended environmental protection and pollution control mitigation measures are properly implemented. Details of the requirements and procedures in conducting site inspections are given in the EM&A Manual.</p> <p>On receipt of any complaints, the ET Leader (in co-operation with other parties) shall promptly undertake investigation work and the necessary actions carried out as based on the results of the investigation. Details of the recommended complaints handling procedures and actions are given in the EM&A Manual.</p>	Work Site/ During construction and operation period	Contractor and ET		√	√	EIAO-TM

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S 7.9.1	Before emptying any water from a vessel at the Dock, check should be carried out for any signs of oil contamination using a device capable of detecting the oil-water interface. No draining of the water from the vessel into the sea should be allowed if there is any signs of oil contamination.	The Dock / During operation period	Project Proponent			√	Shipping and Port Control Ordinance, WPCO
S 7.9.1	The fore and the aft entrances of the Dock should be fully enclosed with two layer oil booms during the process of lifting up the Dock. The oil booms should be regularly checked for any defects and replaced immediately should there be any significant defects. In any case, the rope of the oil booms should be replaced at least once every two years.	The Dock / During operation period	Project Proponent			√	Shipping and Port Control Ordinance, WPCO
S 7.9.2	Annual drills of the Oil Pollution Contingency Procedure should be carried out. The Procedure should be closely followed in the event of an oil spillage. The Procedure should be regularly reviewed and updated in view of any lessons learned from the drills or oil spillage incidents.	The Dock / During operation period	Project Proponent			√	Shipping and Port Control Ordinance, WPCO

All recommendations and requirements resulted during the course of EIA/EA Process, including ACE and / or accepted public comment to the proposed project.

* Des - Design, C – Construction and O – Operation

Table 9-1 Mitigation Measures Implementation Schedule