



Contract No. EP/SP/66/12
Integrated Waste Management Facilities, Phase 1

Appendix I

Implementation Schedule

Implementation Schedule for DCM Works

Supporting Document for Application of VEP Ref. No. / EIA Ref	Current Plan Ref. No.	Environmental Protection Measures / Mitigation Measures	Location / Timing	Implementation Agent	Implementation Stages*			
					Des	C	O	Dec
3.2.2.3 – 3.2.2.9	2 – 6, Appendix D	<p><u>Measures to reduce Possible Sediment and Contaminant Release from DCM</u></p> <ul style="list-style-type: none"> Using of bottom dumping method for laying sand blanket Sand blanket shall be at least 2m thickness placed on top of the marine sediment prior to the DCM treatment No DCM works shall be carried out within 100m to the nearest non-translocatable coral colony / colonies Silt curtain should be employed to enclose DCM field trial and any DCM work Two layers of double floating type silt curtain shall be installed in the vicinity of coral colonies 	IWMF Site	KSZHJV		√		
7b.8.3.16 – 7b.8.3.30 (EIA Ref.)	11	<p><u>Monitored exclusion zones</u></p> <ul style="list-style-type: none"> During the installation / re-installation / relocation process of floating type silt curtains, in order to avoid accidental entrance and entrapment of marine mammals within the silt curtains, a monitored exclusion zone of 250m radius from silt curtain 	IWMF	KSZHJV		√		

		<p>should be implemented. The exclusion zone should be closely monitored by an experienced marine mammal observer at least 30 minutes before the start of installation / re-installation / relocation process. If a marine mammal is noted within the exclusion zone, all marine works should stop immediately and remain idle for 30 minutes, or until the exclusion zone is free from marine mammals.</p> <ul style="list-style-type: none"> • The experienced marine mammal observer should be well trained to detect marine mammals. Binoculars should be used to search the exclusion zone from an elevated platform with unobstructed visibility. The observer should also be independent from the project proponent and has the power to call-off construction activities. • In addition, as marine mammals cannot be effectively monitored within the proposed monitored exclusion zone at night, or during adverse weather conditions (i.e. Beaufort 5 or above, visibility of 300 meters or below), marine works should be avoided under weather conditions with low visibility. 						
4.3.3.1	2 – 6, Appendix D	<p><u>Measures on prevent deterioration on water aspect</u></p> <ul style="list-style-type: none"> • Deployment of silt curtains is required for laying sand blanket, laying rock and during DCM works 	IWMF	KSZHJV		√		

Note: * - Des – Design; C – Construction; O – Operation; Dec - Decommissioning