APPENDIX E
IMPLEMENTATION SCHEDULE OF RECOMMENDED MAJOR ENVIRONMENTAL MITIGATION MEASURES

SCDP Ref.	Recommended Major Environmental Mitigation Measures	Objectives of the Recommended Measures	Implementation Agent	Location	Implementation Stage
2.2	The following works activities during construction phase involve deployment of silt curtain: • Bridge Pier 8 to Bridge Pier 10 After the installation of silt curtain(s) to surround the active marine works area, a temporary working platform that sits on mini piles would be installed. The support casings will be positioned to the seabed by vibratory hammer from a barge. Such operation is expected to result in limited level of localized disturbance to bottom sediment, particularly when controlled by the surrounding silt curtain. Upon completion of installing the temporary working platform, all subsequent piling works would then be commenced by the piling plants on the temporary working platform. • Bridge Pier 11 Further to safety review undertaken in July 2026, site constraint was identified. The installation sequence will strictly require the geotextile sheets to be laid first prior to the deployment of silt curtain. There is no change in the piling construction sequence, the piling activities will only take place after the deployment of silt curtain. If the silt curtain is deployed first, the working radius would be larger than that without the silt curtain, the jib of the 90T Crane barge needs to be extended more for laying the geotextile, the extended jib of the 90T Crane barge will further restrict the limited marine access in Tung Chung Navigation Channel, as shifting / mooring of the 90T Crane barge needs to be further away from the shoreline because the working radius is larger. Consequently, the outreach of the 90T Crane barge will be insufficient to safely reach the landward side for subsequent geotextile laying, which might increase the risk of overturning of the jib of the	Mitigate potential water quality impact during construction works requiring silt curtains	Contractor	See Appendix C	Construction Phase (During the construction works requiring silt curtains)

SCDP Ref.	Recommended Major Environmental Mitigation Measures	Objectives of the Recommended Measures	Implementation Agent	Location	Implementation Stage
	crane. Therefore, geotextile installation shall be fully completed within the designated working area prior to the commencement of silt curtain deployment. The laying of geotextile only involved the laying of cloth, not involving placement of fill materials. As no seabed disturbance, dredging, excavation, or placement of fill material will occur during geotextile installation, the works are not expected to generate significant suspended solids or water quality impacts prior to deployment of the silt curtain. Once the silt curtain is fully deployed, rockfilling activities will be commenced. Rock fill materials will be unloaded by dump trucks on the land side and long arm excavators will be deployed to construct a stable working platform. All subsequent piling works would be conducted by piling plants on top of the temporary rock fill platform. The silt curtain will be in place during removal of the rock fill platform.				
3.2	**Design of Silt Curtain** • Silt curtains will be deployed to completely enclose the temporary working platforms for Bridge Pier 8 to Bridge Pier 10 and the temporary rock fill platform for Bridge Pier 11. Hanging type silt curtain is proposed and to be installed. • Hanging type silt curtains shall mainly comprise the geotextile fabric with ballast chain / weight. • For Bridge Pier 8 to Bridge Pier 10 shall be connected to all four sides using polypropylene rope with sufficient overlap to prevent leakage of suspended solids. • The length of silt curtain will account for a buffer depth to ensure no gaps between the skirt of the silt curtain and seabed and cater for site irregularities and tidal variations. • As for Bridge Pier 11, a localized silt curtain is proposed, where the assembled silt curtain will follow the outer perimeter of the proposed rock fill platform, with both terminal ends securely anchored on the seawall rock armour. The floatation is contained within a sleeve or collar with adequate buoyancy to	Ensure design of silt curtain is effective for mitigation of water quality impacts	Contractor	See Appendix C	Construction Phase (Before commencement of construction works requiring silt curtains)

SCDP Ref.	Recommended Major Environmental Mitigation Measures	Objectives of the Recommended Measures	Implementation Agent	Location	Implementation Stage
	support the full weight of the silt curtain. The bottom end of the silt curtain is weighted by a ballast chain incorporated into the hem of the silt curtain as to keep the silt curtain vertical during deployment. The geotextile fabric for Bridge Pier 11 shall be connected using polypropylene rope with sufficient overlap to prevent leakage of suspended solids.				
3.5, 3.6 and 4.1	**Deployment of Silt Curtain** • Silt Curtain will be deployed at Bridge Pier 8 to Bridge Pier 11 prior to bored piling works. • The silt curtain will be loaded to the sea by crawler crane barge and secured by anchoring concrete blocks.	Ensure proper deployment of silt curtain	Contractor	See Appendix C	Construction Phase (Before construction works requiring silt curtains)
4.2 & 4.3	**Operation of Silt Curtain** • Silt curtains will remain in place throughout the bored piling works. It will only be removed upon completion of the bored pilling works and after temporary working platform for Bridge Pier 8 to Pier 10 and the temporary rock fill platform for Bridge Pier 11 have been dismantled. **Procedures for Adverse Weather Conditions** • For Bridge Pier 8 to Bridge Pier 11, during adverse weather conditions (e.g. typhoon signal No.3 or higher), no construction works will be conducted, and the silt curtains for Bridge Pier 8 to Bridge Pier 11 will be retracted where possible to avoid unnecessary damage. After typhoon signal No.3 is lowered, the silt curtain will be re-deployed prior to re-initiation of construction works around the bridge piers. The Contractor will ensure the silt curtain is undamaged	Ensure effective operation of the silt curtain	Contractor	See Appendix C	Construction Phase (During the construction works requiring silt curtains)

SCDP Ref.	Recommended Major Environmental Mitigation Measures	Objectives of the Recommended Measures	Implementation Agent	Location	Implementation Stage
	or will repair or replace the affected silt curtain before relevant construction works are re-initiated. Re-deployment of silt curtains where required, shall follow the procedures specified in Section 3.5 to 3.6.				
4.4	**Maintenance of Silt Curtain** • Where the damage / fault is minor, the Contractor will undertake in-situ maintenance and repair by qualified divers without the need for retracting the silt curtain. • Where such in-situ maintenance and repair are conducted, the Contractor will ensure that another diver is on standby, the appropriate warning flags/signals are in place, and the captain or foreman of the maintenance/construction vessel has communication channels open and ready to promptly alert other vessels to avoid the affected silt curtain area during the maintenance and repair. • In case of mud plume flowing out from the silt curtain causing by the works is observed, repairing of silt curtain will be carried out immediately prior to resuming the relevant construction works. • Any damage or faults identified in the silt curtain will be repaired immediately. • Spare parts of silt curtain will be prepared and stored on-site for replacement / repair. • Where the damage / fault is extensive or cannot be easily repaired in-situ, the Contractor will retrieve the silt curtain and replace with new ones. In such circumstances, the relevant construction works will be suspended until the replacement is done.	Daily visual inspection on the silt curtains will be conducted before commencement of construction works to ensure effective operation of the silt curtain	Contractor	See Appendix C	Construction Phase (During the construction works requiring silt curtains)

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4.5	**Removal of Silt Curtain** • Prior to removal of silt curtains, make sure all construction works and associated works within the silt curtain has completed, and visual inspection of the water quality shall be conducted to confirm no sediment plume remaining within the works area before commencing silt curtain removal. • Lift the silt curtain carefully to avoid stirring up the seabed.	Avoid damage to silt curtain and disturbance to the seabed	Contractor	See Appendix C	Construction Phase (After completion of construction works requiring silt curtains)
5.1	**Regular Inspection of Silt Curtain** • Regular checking of the silt curtain will be conducted throughout the deployment of the silt curtain. The two types of checks that will be conducted by the Contractor are: ▪ Visual ▪ Diver • All checks will follow the inspection checklists shown in Appendix D and will be appropriately signed off by the Contractor. • Weekly and ad hoc site inspections carried out by the Environmental Team (ET), and also monthly site inspection conducted by the Independent Environmental Checker (IEC), will include visual checks on the silt curtain location and effectiveness.	Ensure effective operation of the silt curtain	Contractor, ET, IEC	See Appendix C	Construction Phase (During the construction works requiring silt curtains)