## APPENDIX 7A

Management Framework of Dredged / Excavated Sediment in Hong Kong

HZMB – HKBCF & HKLR EIA Report

Sediment to be Disposed of **Data Indicates** Little or No Tier I Contamination Desk Top Study of Available Data Insufficient Data or Data Indicates Potential Contamination Tier II Chemical Screening Category L Category M Category H Material Material Material >Lower & ≤Upper Chemical <Lower Chemical >Upper Chemical Exceedance Level Exceedance Level Exceedance Level >10 x Lower Chemical Exceedance Level No Yes Tier III Tier III Biological Screening **Biological Screening** (Dilution Test) Pass Fail Type 1 -Type 1 -Type 2 -Type 3 -Open Sea \*Open Sea Disposal Confined Special Treatment/ Disposal (Dedicated Sites) Marine Disposal Disposal Note (1) Notes (1) & (2) Note (3) Notes (3) & (4)

Appendix 7A: Management Framework of Dredged/ Excavated Sediment in Hong Kong

## <u>Notes</u>

- (1) Most open sea disposal sites are multi-user facilities and as a consequence their management involves a flexibility to accommodate varying and unpredictable circumstances. Contract documents should include provisions to allow the same degree of flexibility should it be necessary to divert from one disposal site to another during the construction period of a contract.
- (2) Dedicated Sites will be monitored to confirm that there is no adverse impact.
- (3) For sediment requiring Type 2 or Type 3 disposal, contract documents shall state the allocation conditions of MFC and Director of Environmental Protection (DEP). At present, East Sha Chau mud pits are designated for confined marine disposal.
- (4) If any sediment suitable for Type 3 disposal (Category H sediment failing the biological dilution test) is identified, it is the responsibility of the project proponent, in consultation with DEP, to identify and agree with him/her, the most appropriate treatment and/or disposal arrangement. Such a proposal is likely to be very site and project specific and therefore cannot be prescribed. This will not preclude treatment of this sediment to render it suitable for confined marine disposal.