

During Operation

Annex II

No major or significant impacts are expected in this phase.

ENVIRONMENTAL PROTECTION MEASURES TO BE INCORPORATED

Describe measures to minimise environmental impacts

Noise:-

With the employment of a temporary noise barrier during dredging works, the approximate location of which is indicated on Drawing 1, and a silencer plus acoustic enclosure for the excavator, mitigated noise levels are predicted to be:

	Mitigated Noise levels
Dredger	70 dB(A)
Excavator	70 dB(A)
Excavator	70 dB(A)

Thus, with the application of the mitigation measures, it is not expected that construction noise will create adverse impact at the closest NSR at 22m away. In addition, procedures for dealing with complaints should be put in place.

Aquaculture and Marine Water Quality:-

CED will adopt the use of a silt curtain to protect nearby coral communities at Luk Chau. Further mitigation is not anticipated as being required as the fish cages will be relocated during the dredging, pier foundation and pier and seawall construction works. However, should any marine works extend into a period when the fish culture zone is operational, a silt curtain to fully enclose the works will be employed.

A water quality EM&A programme has been specified by CED to identify and control suspended solid concentrations during dredging operations. This programme provides adequate coverage of the pier site and thus additional stations for IS-085 are not required.

Careful on-site practice should be strictly implemented especially in the areas where dredging activities are required.

Terrestrial ecology:-

Well vegetated areas along the shoreline should be disturbed as little as possible during the construction activities including site clearance and materials storage.

Requirements for mitigation works will be written into the construction contract in accordance with the requirements of the Environmental Protection Guidance Notes for RPIS Minor Projects (EPD 1997)