

ANNEX C

IMPLEMENTATION SCHEDULE OF RECOMMENDED MITIGATION MEASURES

TABLE C.1 IMPLEMENTATION SCHEDULE OF RECOMMENDED MITIGATION MEASURES

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage ¹			Relevant Legislation & Guidelines
					D	C	O	
Water Quality								
S7.9.1	S5	Adoption of appropriate dredging and jetting rates, plant numbers and silt curtains at the plant and WSRs, where applicable (Table 7.18 of the EIA Report, reprovided as Table C.2 below).	Marine Dredging & Jetting for the BPPS Pipeline / During construction	Contractor(s)		✓		-
S7.9.1	S5	Cofferdam construction and removal at landfall of BPPS should not be conducted concurrently with the nearby pipeline dredging section (BPPS KP44.9 - 45.0). Silt curtain surrounding the works areas for cofferdam construction and removal at pipeline landfall of the BPPS should also be implemented.	Pipeline landfalls for the BPPS Pipeline / During construction	Contractor(s)		✓		-

(¹) D = Design Phase, C = Construction Phase, O = Operational Phase

EIA Reference	EM&A Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Location/ duration of recommended measures & timing of completion of recommended measures	Implementation Agent	Implementation Stage ¹			Relevant Legislation & Guidelines
					D	C	O	
S7.9.1/ S7.9.2	S5	<p>The following measures shall be followed for provision of silt curtain:</p> <ul style="list-style-type: none"> The silt curtain shall be formed and installed in such a way that tidal rise and fall are accommodated, with the silt curtains always extending from the surface to the bottom of the water column and held with anchor blocks. Schematic diagrams on silt curtain deployment are provided in Figures 7.4 and 7.5 of the EIA Report. The contractor shall regularly inspect the silt curtains and check that they are moored and marked to avoid danger to marine traffic. Regular inspection on the integrity of the silt curtain should be carried out by the contractor and any damage to the silt curtain shall be repaired by the contractor promptly. Relevant marine works shall only be undertaken when the repair is fixed to the satisfaction of the engineer. 	Marine Dredging & Jetting for the BPPS Pipeline / During construction	Contractor(s)		✓		-
Ecology								
S9.11.3	S7	Silt curtain deployment during Project construction and maintenance dredging will avoid encroachment into the existing and proposed marine parks.	Marine works (on existing, planned and potential marine parks) / During construction / During operation	Contractor(s)/ Project Proponent		✓	✓	-
S9.11.3	S7	Silt curtain will be checked and maintained to ensure its effectiveness in mitigating water quality impacts on existing, planned and potential marine parks.	Marine works / During construction / During operation	Contractor(s) / Project Proponent		✓	✓	-

**TABLE C.2 SUMMARY OF MITIGATION MEASURES FOR PIPELINE
CONSTRUCTION WORKS**

Work Location	Plants Involved	Allowed Maximum Work Rate	Silt Curtain at Plants	Silt Curtain at WSRs	Other Measures
BPPS Pipeline					
Jetty Approach (KP0.1 – 5.0), excluding Subsea Cable Sterile Corridors	1 Jetting Machine	1,000m day ⁻¹ for 24 hours each day	Yes	Not required for grab dredging; Two layers at Southern Boundary of the Proposed South Lantau MP (KP0.1-8.9) for jetting	Daily maximum of 12 hours with daylight (0700 – 1900)
Subsea Cable Sterile Corridors (KP1.49 – 2.75 and KP3.55 – 4.43)	2 Grab Dredgers, followed by 1 Jetting Machine	8,000m ³ day ⁻¹ for 24 hours each day for each dredger 720m day ⁻¹ for 24 hours each day jetting machine	Yes		
South of Soko Islands (KP5.0 – 8.9)	1 Jetting Machine	1,000m day ⁻¹ for 24 hours each day	Yes		
Southwest of Soko Islands (KP8.9 - 12.1)	1 Jetting Machine	1,000m day ⁻¹ for 24 hours each day	Yes	Not required	
Adamasta Channel (KP12.1 - 15.6)	1 Jetting Machine	1,000m day ⁻¹ for 24 hours each day	Yes	Not required	
Southwest Lantau (KP15.6 - 21.3)	1 Jetting Machine	1,500 m day ⁻¹ for 24 hours each day	Yes	Not required	Avoid the peak months of Chinese White Dolphin (CWD) calving (May and June)
West of Tai O to West of HKIA (KP21.3 – 31.5)	1 Jetting Machine	1,500m day ⁻¹ for 24 hours each day from KP KP26.2 to 21.3 720m day ⁻¹ for 24 hours each day from KP31.5 to 26.2	Yes	Not required	
Sha Chau to Lung Kwu Chau (KP31.5 – 36.0)	1 Jetting Machine	720m day ⁻¹ for 24 hours each day	Yes	Two layers at Western Boundary of the Sha Chau and Lung Kwu Chau MP (KP31.5-36.0)	
Sha Chau to Lung Kwu Chau (KP36.0 - 37.5)	1 Jetting Machine	720m day ⁻¹ for 24 hours each day	Yes	Two layers at Western Boundary of the Sha Chau and Lung Kwu Chau MP (KP36.0-37.5)	

**HONG KONG OFFSHORE LNG TERMINAL - WORKS ASSOCIATED WITH THE
SUBSEA GAS PIPELINE FOR BLACK POINT POWER STATION (BPPS) AND THE
ASSOCIATED GAS RECEIVING STATION (GRS) IN BPPS**
Silt Curtain Deployment Plan

Work Location	Plants Involved	Allowed Maximum Work Rate	Silt Curtain at Plants	Silt Curtain at WSRs	Other Measures
Lung Kwu Chau to Urmston Anchorage (KP37.5 - 41.1)	1 Jetting Machine	1,000m day ⁻¹ for 24 hours each day	Yes	Two layers at NW corner of Sha Chau and Lung Kwu Chau MP (KP37.5-41.1)	
Urmston Road (KP41.1 – 42.9)	1 Grab Dredger	8,000m ³ day ⁻¹ for 24 hours each day	Yes	Not required	
West of BPPS (KP42.9 - 44.9)	1 Jetting Machine	1,000m day ⁻¹ for 24 hours each day	Yes	Two layers at CR1, CR2 (Note 1)	
Pipeline shore approach at BPPS (KP44.9 - 45.0)	1 Grab Dredger	1,500m ³ day ⁻¹ for 24 hours each day	Yes	Two layers at CR1, CR2 (Note 1)	
Pipeline Riser Section at Double Berth Jetty					
Pipeline Riser (KP0.0 – 0.1)	1 Grab Dredger	8,000m ³ day ⁻¹ for 24 hours each day	Yes	Not required	Daily maximum of 12 hours with daylight (0700 – 1900)

Note: (1) CR1 and CR2 denote the coral colonies identified at the artificial seawall at BPPS.