

Annex A1 - Environmental Monitoring and Audit Sampling Schedule for East of Sha Chau (September 2012 - February 2017)

		2012				2013				2014				2015				2016				2017											
Pit Specific Sediment Chemistry	Code	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F		
Active-Pit	ESC-NPDA	*	*	*	*	*	*	*	*	*	*	*	*																				
	ESC-NPDB	*	*	*	*	*	*	*	*	*	*	*	*																				
Pit-Edge	ESC-NEDA	*	*	*	*	*	*	*	*	*	*	*	*																				
	ESC-NEDB	*	*	*	*	*	*	*	*	*	*	*	*																				
Near-Pit	ESC-NNDA	*	*	*	*	*	*	*	*	*	*	*	*																				
	ESC-NNDB	*	*	*	*	*	*	*	*	*	*	*	*																				
Cumulative Impact Sediment Chemistry		S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F		
Near-field Stations	ESC-RNA				*		*				*		*																*		*		
	ESC-RNB				*		*				*		*															*		*			
Mid-field Stations	ESC-RMA				*		*				*		*															*		*			
	ESC-RMB				*		*				*		*														*		*				
Capped Pit Stations	ESC-RCA				*		*				*		*														*		*				
	ESC-RCB				*		*				*		*														*		*				
Far-Field Stations	ESC-RFA				*		*				*		*														*		*				
	ESC-RFB				*		*				*		*														*		*				
Ma Wan Station	MW1				*		*				*		*														*		*				
Sediment Toxicity Tests		S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F		
Near-Field Stations	ESC-TDA						*						*															*		*			
	ESC-TDB						*						*														*		*				
Reference Stations	ESC-TRA						*						*														*		*				
	ESC-TRB						*						*														*		*				
Ma Wan Station	MW1						*						*														*		*				
Tissue/ Whole Body Sampling		S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F		
Impact Stations	ESC-INA						*						*															*		*			
	ESC-INB						*						*														*		*				
Reference	ESC-TNA						*						*														*		*				
	ESC-TNB						*						*														*		*				
	ESC-TSA						*						*														*		*				
	ESC-TSB						*						*														*		*				
Demersal Trawling		S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F		
Impact Stations	ESC-INA					*	*					*	*															*	*		*		
	ESC-INB					*	*					*	*														*	*		*			
Reference Stations	ESC-TNA					*	*					*	*														*	*		*			
	ESC-TNB					*	*					*	*														*	*		*			
	ESC-TSA					*	*					*	*														*	*		*			
	ESC-TSB					*	*					*	*														*	*		*			
Water Column Profiling		S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F		
Plume Stations	WCP1	*	*	*	*	*	*	*	*	*	*	*	*															*	*	*	*		
	WCP2	*	*	*	*	*	*	*	*	*	*	*	*														*	*	*	*			

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		2012				2013					2014					2015					2016					2017																		
Benthic Recolonisation Studies		S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	
Capped Contaminated Mud Pits IVa-c																																												
	ESC-CPA				*								*				*								*				*															
	ESC-CPB				*								*				*							*				*																
	ESC-CPC				*								*				*							*				*																
	ESC-RBA				*								*				*							*				*																
Reference Stations	ESC-RBB				*								*				*							*				*																
	ESC-RBC				*								*				*							*				*																

Impact Monitoring for Dredging		S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	
Upstream/Reference Stations																																												
	US1	*	*	*	*	*	*	*	*	*																	*	*	*	*	*	*												
Downstream/ Impact Stations	US2	*	*	*	*	*	*	*	*	*																*	*	*	*	*	*													
	DS1	*	*	*	*	*	*	*	*	*																*	*	*	*	*	*													
	DS2	*	*	*	*	*	*	*	*	*																*	*	*	*	*	*													
	DS3	*	*	*	*	*	*	*	*	*																*	*	*	*	*	*													
	DS4	*	*	*	*	*	*	*	*	*																*	*	*	*	*	*													
	DS5	*	*	*	*	*	*	*	*	*																*	*	*	*	*	*													
		*	*	*	*	*	*	*	*	*																*	*	*	*	*	*													
Ma Wan Station	MW1	*	*	*	*	*	*	*	*	*																*	*	*	*	*	*													

Capping		S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	
Ebb Tide																																												
Impact Station																																												
	ESC-IPE1												*		*		*		*				*	*		*			*		*													
	ESC-IPE2												*		*		*		*				*	*		*			*		*													
	ESC-IPE3												*		*		*		*				*	*		*			*		*													
	ESC-IPE4												*		*		*		*				*	*		*			*		*													
Intermediate Station	ESC-IPE5												*		*		*		*				*	*		*			*		*													
	ESC-INE1												*		*		*		*				*	*		*			*		*													
	ESC-INE2												*		*		*		*				*	*		*			*		*													
	ESC-INE3												*		*		*		*				*	*		*			*		*													
	ESC-INE4												*		*		*		*				*	*		*			*		*													
Reference Station	ESC-INE5												*		*		*		*				*	*		*			*		*													
	ESC-RFE1												*		*		*		*				*	*		*			*		*													
	ESC-RFE2												*		*		*		*				*	*		*			*		*													
	ESC-RFE3												*		*		*		*				*	*		*			*		*													
	ESC-RFE4												*		*		*		*				*	*		*			*		*													
Ma Wan Station	ESC-RFE5											*		*		*		*		*			*	*		*			*		*													
	MW1												*		*		*		*				*	*		*			*		*													

Flood Tide																																											
Impact Station																																											
	ESC-IPF1												*		*		*		*				*	*		*			*		*												
	ESC-IPF2												*		*		*		*				*	*		*			*		*												
Intermediate Station	ESC-IPF3												*		*		*		*				*	*		*			*		*												
	ESC-INF1												*		*		*		*				*	*		*			*		*												
	ESC-INF2												*		*		*		*				*	*		*			*		*												
Reference Station	ESC-INF3												*		*		*		*				*	*		*			*		*												
	ESC-RFF1												*		*		*		*				*	*		*			*		*												
	ESC-RFF2												*		*		*		*				*	*		*			*		*												
Ma Wan Station	ESC-RFF3												*		*		*		*				*	*		*			*		*												
	MW1												*		*		*		*				*	*		*			*		*												

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Routine Water Quality Monitoring		S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Annex A2 - Environmental Monitoring and Audit Sampling Schedule for South of The Brothers (July 2012 - February 2017)

[illegible]

Annex A2 - Environmental Monitoring and Audit Sampling Schedule for South of The Brothers (July 2012 - February 2017)

[illegible]

Annex A2 - Environmental Monitoring and Audit Sampling Schedule for South of The Brothers (July 2012 - February 2017)

[illegible]

Annex A2 - Environmental Monitoring and Audit Sampling Schedule for South of The Brothers (July 2012 - February 2017)

			2012				2013				2014				2015				2016				2017																											
Capping Water Quality Monitoring			J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F				
Ebb Tide																																																		
Impact Stations Downcurrent																																																		
	SB-IPE1	4 times per year																																																
	SB-IPE2	4 times per year																																																
	SB-IPE3	4 times per year																																																
	SB-IPE4	4 times per year																																																
	SB-IPE5	4 times per year																																																
Intermediate Stations Downcurrent																																																		
	SB-INE1	4 times per year																																																
	SB-INE2	4 times per year																																																
	SB-INE3	4 times per year																																																
	SB-INE4	4 times per year																																																
	SB-INE5	4 times per year																																																
Reference Stations Upcurrent																																																		
	SB-RFE1	4 times per year																																																
	SB-RFE2	4 times per year																																																
	SB-RFE3	4 times per year																																																
	SB-RFE4	4 times per year																																																
	SB-RFE5	4 times per year																																																
Sensitive Receiver Stations																																																		
	MW1	4 times per year																																																
	THB1	4 times per year																																																
	THB2	4 times per year																																																
	WSR45C	4 times per year																																																
	WSR46	4 times per year																																																
Flood Tide																																																		
Impact Stations Downcurrent																																																		
	SB-IPF1	4 times per year																																																
	SB-IPF2	4 times per year																																																
	SB-IPF3	4 times per year																																																
Intermediate Stations Downcurrent																																																		
	SB-INF1	4 times per year																																																
	SB-INF2	4 times per year																																																
	SB-INF3	4 times per year																																																
Reference Stations Upcurrent																																																		
	SB-RFF1	4 times per year																																																
	SB-RFF2	4 times per year																																																
	SB-RFF3	4 times per year																																																
Sensitive Receiver Stations																																																		
	MW1	4 times per year																																																
	THB1	4 times per year																																																
	THB2	4 times per year																																																
	WSR45C	4 times per year																																																
	WSR46	4 times per year																																																
Benthic Recolonisation Studies			J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F				
Capped Contaminated Mud Pits																																																		
	SB-CPA	2 times per year																																																
	SB-CPB	2 times per year																																																
Reference Stations																																																		
	RBA	2 times per year																																																
	RBB	2 times per year																																																
	RBC	2 times per year																																																

Notes:
 **n = Number of replicates depends on parameters
 Naming of stations are tentative only and will be subjected to changes