

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

[illegible]

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	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				*		*				*		*																				*			*		*				*		*

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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	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					*	*					*	*																		*	*					*	*				*	*			

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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					*									*			*									*			*															
Reference Stations																																												
ESC-RBA					*									*			*									*			*															
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		*	*	*	*	*	*	*	*	*																	*	*	*																	
US2		*	*	*	*	*	*	*	*	*																	*	*	*																	
Downstream/Impact Stations																																														
DS1		*	*	*	*	*	*	*	*	*																	*	*	*																	
DS2		*	*	*	*	*	*	*	*	*																	*	*	*																	
DS3		*	*	*	*	*	*	*	*	*																	*	*	*																	
DS4		*	*	*	*	*	*	*	*	*																	*	*	*																	
DS5		*	*	*	*	*	*	*	*	*																	*	*	*																	
Ma Wan Station																																														
MW1		*	*	*	*	*	*	*	*	*																	*	*	*																	

		2012				2013				2014				2015				2016				2017																							
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		
Ebb Tide																																													
	Impact Station																																												
	ESC-IPE1	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
	ESC-IPE2	*	*			*	*		*	*		*	*																					*	*		*	*		*	*		*	*	
	ESC-IPE3	*	*			*	*		*	*		*	*																					*	*		*	*		*	*		*	*	
	ESC-IPE4	*	*			*	*		*	*		*	*																					*	*		*	*		*	*		*	*	
	ESC-IPE5	*	*			*	*		*	*		*	*																					*	*		*	*		*	*		*	*	
Intermediate Station																																													
	ESC-INE1	*	*			*	*		*	*		*	*																					*	*		*	*		*	*		*	*	
	ESC-INE2	*	*			*	*		*	*		*	*																					*	*		*	*		*	*		*	*	
	ESC-INE3	*	*			*	*		*	*		*	*																					*	*		*	*		*	*		*	*	
	ESC-INE4	*	*			*	*		*	*		*	*																					*	*		*	*		*	*		*	*	
Reference Station	ESC-INE5	*	*			*	*		*	*		*	*																					*	*		*	*		*	*		*	*	
	ESC-RFE1	*	*			*	*		*	*		*	*																					*	*		*	*		*	*		*	*	
	ESC-RFE2	*	*			*	*		*	*		*	*																					*	*		*	*		*	*		*	*	
	ESC-RFE3	*	*			*	*		*	*		*	*																					*	*		*	*		*	*		*	*	
Ma Wan Station	ESC-RFE4	*	*			*	*		*	*		*	*																					*	*		*	*		*	*		*	*	
	ESC-RFE5	*	*			*	*		*	*		*	*																					*	*		*	*		*	*		*	*	
	MW1	*	*			*	*		*	*		*	*																					*	*		*	*		*	*		*	*	
Flood Tide																																													
	Impact Station																																												
	ESC-IPF1	*	*	*		*	*	*	*	*		*	*	*																			*	*	*	*	*	*	*	*	*	*	*	*	*
	ESC-IPF2	*	*			*	*		*	*		*	*																				*	*	*	*	*	*	*	*	*	*	*	*	
	ESC-IPF3	*	*			*	*		*	*		*	*																				*	*	*	*	*	*	*	*	*	*	*	*	
	ESC-INF1	*	*			*	*		*	*		*	*																				*	*	*	*	*	*	*	*	*	*	*	*	
Reference Station	ESC-INF2	*	*			*	*		*	*		*	*																			*	*	*	*	*	*	*	*	*	*	*	*	*	
	ESC-INF3	*	*			*	*		*	*		*	*																		*	*	*	*	*	*	*	*	*	*	*	*	*		
Ma Wan Station	ESC-RFF1	*	*			*	*		*	*		*	*																		*	*	*	*	*	*	*	*	*	*	*	*	*	*	
	ESC-RFF2	*	*			*	*		*	*		*	*																	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
	ESC-RFF3	*	*			*	*		*	*		*	*																*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
	MW1	*	*			*	*		*	*		*	*																*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

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

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

			2012						2013						2014						2015						2016						2017																		
Routine 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	8 times per year														8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8								
	SB-IPE2	8 times per year														8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8								
	SB-IPE3	8 times per year														8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8								
	SB-IPE4	8 times per year														8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8								
	SB-IPE5	8 times per year														8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8								
Intermediate Stations Downcurrent																																																			
	SB-INE1	8 times per year														8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8								
	SB-INE2	8 times per year														8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8								
	SB-INE3	8 times per year														8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8								
	SB-INE4	8 times per year														8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8								
	SB-INE5	8 times per year														8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8								
Reference Stations Upcurrent																																																			
	SB-RFE1	8 times per year														8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8								
	SB-RFE2	8 times per year														8		8	8		8	8		8																											

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
Ebb Tide																																		
Impact Stations Downcurrent																																		
	SB-IPE1	4 times per year																		3	3					3	3				3	3		
	SB-IPE2	4 times per year																		3	3					3	3				3	3		
	SB-IPE3	4 times per year																		3	3					3	3				3	3		
	SB-IPE4	4 times per year																		3	3					3	3				3	3		
Intermediate Stations Downcurrent	SB-IPE5	4 times per year																		3	3					3	3				3	3		
	SB-INE1	4 times per year																		3	3					3	3				3	3		
	SB-INE2	4 times per year																		3	3					3	3				3	3		
	SB-INE3	4 times per year																		3	3					3	3				3	3		
Reference Stations Upcurrent	SB-INE4	4 times per year																		3	3					3	3				3	3		
	SB-INE5	4 times per year																		3	3					3	3				3	3		
	SB-RFE1	4 times per year																		3	3					3	3				3	3		
	SB-RFE2	4 times per year																		3	3					3	3				3	3		
Sensitive Receiver Stations	SB-RFE3	4 times per year																		3	3					3	3				3	3		
	SB-RFE4	4 times per year																		3	3					3	3				3	3		
	SB-RFE5	4 times per year																		3	3					3	3				3	3		
	MW1	4 times per year																		3	3					3	3				3	3		
THB1	4 times per year																		3	3					3	3				3	3			
THB2	4 times per year																		3	3					3	3				3	3			
WSR45C	4 times per year																		3	3					3	3				3	3			
WSR46	4 times per year																		3	3					3	3				3	3			
Flood Tide																																		
Impact Stations Downcurrent																																		
	SB-IPF1	4 times per year																		3	3					3	3				3	3		
	SB-IPF2	4 times per year																		3	3					3	3				3	3		
Intermediate Stations Downcurrent	SB-IPF3	4 times per year																		3	3					3	3				3	3		
	SB-INF1	4 times per year																		3	3					3	3				3	3		
Reference Stations Upcurrent	SB-INF2	4 times per year																		3	3					3	3				3	3		
	SB-INF3	4 times per year																		3	3					3	3				3	3		
Sensitive Receiver Stations	SB-RFF1	4 times per year																		3	3					3	3				3	3		
	SB-RFF2	4 times per year																		3	3					3	3				3	3		
	SB-RFF3	4 times per year																		3	3					3	3				3	3		
	MW1	4 times per year																		3	3					3	3				3	3		
	THB1	4 times per year																		3	3					3	3				3	3		
	THB2	4 times per year																		3	3					3	3				3	3		
	WSR45C	4 times per year																		3	3					3	3				3	3		
WSR46	4 times per year																		3	3					3	3				3	3			
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
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