

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

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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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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													*		*			*		*			*		*				*																
	ESC-IPE5													*		*			*		*			*		*				*																
Intermediate Station																																														
	ESC-INE1													*		*			*		*			*		*				*																
	ESC-INE2													*		*			*		*			*		*				*																
	ESC-INE3													*		*			*		*			*		*				*																
	ESC-INE4													*		*			*		*			*		*				*																
	ESC-INE5													*		*			*		*			*		*				*																
Reference Station																																														
	ESC-RFE1													*		*			*		*			*		*				*																
	ESC-RFE2													*		*			*		*			*		*				*																
	ESC-RFE3													*		*			*		*			*		*				*																
	ESC-RFE4													*		*			*		*			*		*				*																
	ESC-RFE5													*		*			*		*			*		*				*																
Ma Wan Station																																														
	MW1													*		*			*		*			*		*				*																
Flood Tide																																														
Impact Station																																														
	ESC-IPF1													*		*			*		*			*		*				*																
	ESC-IPF2													*		*			*		*			*		*				*																
	ESC-IPF3													*		*			*		*			*		*				*																
Intermediate Station																																														
	ESC-INF1													*		*			*		*			*		*				*																
	ESC-INF2													*		*			*		*			*		*				*																
	ESC-INF3													*		*			*		*			*		*				*																
Reference Station																																														
	ESC-RFF1													*		*			*		*			*		*				*																
	ESC-RFF2													*		*			*		*			*		*				*																
	ESC-RFF3													*		*			*		*			*		*				*																
Ma Wan Station																																														
	MW1													*		*			*		*			*		*				*																

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

		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	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
Intermediate Station	ESC-IPE5	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
	ESC-INE1	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
	ESC-INE2	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
	ESC-INE3	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
Reference Station	ESC-INE4	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
	ESC-INE5	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
	ESC-RFE1	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
	ESC-RFE2	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
Ma Wan Station	ESC-RFE3	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
	ESC-RFE4	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
	ESC-RFE5	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
	MW1	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
Flood Tide																																													
Impact Station																																													
	ESC-IPF1	*	*	*		*	*		*	*		*	*																						*	*		*	*		*	*		*	*
	ESC-IPF2	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
Intermediate Station	ESC-IPF3	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
	ESC-INF1	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
Reference Station	ESC-INF2	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
	ESC-INF3	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
Ma Wan Station	ESC-RFF1	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
	ESC-RFF2	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
	ESC-RFF3	*	*			*	*		*	*		*	*																						*	*		*	*		*	*		*	*
Ma Wan Station																																													
	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)

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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		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		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		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		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		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		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		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		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		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		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		8	8		8	8		8	8	
	SB-RFE2	8 times per year											8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8	
	SB-RFE3	8 times per year											8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8	
	SB-RFE4	8 times per year											8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8	
	SB-RFE5	8 times per year											8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8	
Sensitive Receiver Stations																																																		
	MW1	8 times per year											8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8	
	THB1	8 times per year											8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8	
	THB2	8 times per year											8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8	
	WSR45C	8 times per year											8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8	
	WSR46	8 times per year											8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8	
Flood Tide																																																		
Impact Stations Downcurrent																																																		
	SB-IPF1	8 times per year											8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8	
	SB-IPF2	8 times per year											8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8	
	SB-IPF3	8 times per year											8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8	
Intermediate Stations Downcurrent																																																		
	SB-INF1	8 times per year											8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8	
	SB-INF2	8 times per year											8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8	
	SB-INF3	8 times per year											8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8	
Reference Stations Upcurrent																																																		
	SB-RFF1	8 times per year											8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8	
	SB-RFF2	8 times per year											8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8		8	8	
	SB-RFF3	8 times per year											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	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				3	3					3							
	SB-IPE2	4 times per year																			3	3				3	3				3	3				3	3					3							
	SB-IPE3	4 times per year																			3	3				3	3				3	3				3	3					3							
	SB-IPE4	4 times per year																			3	3				3	3				3	3				3	3					3							
	SB-IPE5	4 times per year																			3	3				3	3				3	3				3	3					3							
Intermediate Stations Downcurrent																																																	
	SB-INE1	4 times per year																			3	3				3	3				3	3				3	3						3						
	SB-INE2	4 times per year																			3	3				3	3				3	3				3	3					3							
	SB-INE3	4 times per year																			3	3				3	3				3	3				3	3					3							
	SB-INE4	4 times per year																			3	3				3	3				3	3				3	3					3							
	SB-INE5	4 times per year																			3	3				3	3				3	3				3	3					3							
Reference Stations Upcurrent																																																	
	SB-RFE1	4 times per year																			3	3				3	3				3	3				3	3					3							
	SB-RFE2	4 times per year																			3	3				3	3				3	3				3	3					3							
	SB-RFE3	4 times per year																			3	3				3	3				3	3				3	3					3							
	SB-RFE4	4 times per year																			3	3				3	3				3	3				3	3					3							
	SB-RFE5	4 times per year																			3	3				3	3				3	3				3	3					3							
Sensitive Receiver Stations																																																	
	MW1	4 times per year																			3	3				3	3				3	3				3	3					3							
	THB1	4 times per year																			3	3				3	3				3	3				3	3					3							
	THB2	4 times per year																			3	3				3	3				3	3				3	3					3							
	WSR45C	4 times per year																			3	3				3	3				3	3				3	3					3							
	WSR46	4 times per year																			3	3				3	3				3	3				3	3					3							
Flood Tide																																																	
Impact Stations Downcurrent																																																	
	SB-IPF1	4 times per year																			3	3				3	3				3	3				3	3					3							
	SB-IPF2	4 times per year																			3	3				3	3				3	3				3	3					3							
	SB-IPF3	4 times per year																			3	3				3	3				3	3				3	3					3							
Intermediate Stations Downcurrent																																																	
	SB-INF1	4 times per year																			3	3				3	3				3	3				3	3					3							
	SB-INF2	4 times per year																			3	3				3	3				3	3				3	3					3							
	SB-INF3	4 times per year																			3	3				3	3				3	3				3	3					3							
Reference Stations Upcurrent																																																	
	SB-RFF1	4 times per year																			3	3				3	3				3	3				3	3					3							
	SB-RFF2	4 times per year																			3	3				3	3				3	3				3	3					3							
	SB-RFF3	4 times per year																			3	3				3	3				3	3				3	3					3							
Sensitive Receiver Stations																																																	
	MW1	4 times per year																			3	3				3	3				3	3				3	3					3							
	THB1	4 times per year																			3	3				3	3				3	3				3	3					3							
	THB2	4 times per year																			3	3				3	3				3	3				3	3					3							
	WSR45C	4 times per year																			3	3				3	3				3	3				3	3					3							
	WSR46	4 times per year																			3	3				3	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	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:

"*" = Number of replicates depends on parameters

Naming of stations are tentative only and will be subjected to changes