

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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		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)

			2012							2013							2014							2015							2016							2017														
Baseline Monitoring Prior to Dredging	Code	Frequency	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						
Far Field Stations			*	*																																																
	SB-WFA	3 days per week for 4 weeks	*	*																																																
	SB-WFB	3 days per week for 4 weeks	*	*																																																
Mid Field Stations																																																				
	SB-WMA	3 days per week for 4 weeks	*	*																																																
	SB-WMB	3 days per week for 4 weeks	*	*																																																
Near Field Stations																																																				
	SB-WNAA	3 days per week for 4 weeks	*	*																																																
	SB-WNAB	3 days per week for 4 weeks	*	*																																																
	SB-WNBA	3 days per week for 4 weeks	*	*																																																
	SB-WNBB	3 days per week for 4 weeks	*	*																																																
Reference Stations																																																				
	NM1	3 days per week for 4 weeks	*	*																																																
	NM2	3 days per week for 4 weeks	*	*																																																
	NM3	3 days per week for 4 weeks	*	*																																																
	NM5	3 days per week for 4 weeks	*	*																																																
	NM6	3 days per week for 4 weeks	*	*																																																
Sensitive Receiver Stations																																																				
	MW1	3 days per week for 4 weeks	*	*																																																
	THB1	3 days per week for 4 weeks	*	*																																																
	THB2	3 days per week for 4 weeks	*	*																																																
	WSR45C	3 days per week for 4 weeks	*	*																																																
	WSR46	3 days per week for 4 weeks	*	*																																																

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			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
<i>Ebb Tide</i>																																														
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				
Intermediate Stations Downcurrent	SB-IPE5	4 times per year																			3	3					3	3				3	3				3	3				3				
	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				
Reference Stations Upcurrent	SB-INE5	4 times per year																			3	3					3	3				3	3				3	3				3				
	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				
Sensitive Receiver Stations	SB-RFE5	4 times per year																			3	3					3	3				3	3				3	3				3				
	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				
<i>Flood Tide</i>																																														
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				
Intermediate Stations Downcurrent	SB-IPF3	4 times per year																			3	3					3	3				3	3				3	3				3				
	SB-INF1	4 times per year																			3	3					3	3				3	3				3	3				3				
Reference Stations Upcurrent	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				
Sensitive Receiver Stations	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				
WSR45C																																														
	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				

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