

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

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

Baseline Monitoring Prior to Dredging	Code	Frequency	2012					2013					2014					2015					2016					2017																						
			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															
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	*	*																																														
Impact Monitoring for Dredging			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															
Upstream Stations	US1	3 days per week				*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
	US2	3 days per week				*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
Downstream Stations	DS1	3 days per week				*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
	DS2	3 days per week				*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
	DS3	3 days per week				*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
	DS4	3 days per week				*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
	DS5	3 days per week				*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
Sensitive Receiver Stations	MW1	3 days per week				*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
	THB1	3 days per week				*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
	THB2	3 days per week				*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
	WSR45C	3 days per week				*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
	WSR46	3 days per week				*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*																					
Pit Specific Sediment Chemistry			J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J																													

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

		2012					2013					2014					2015					2016					2017									
Cumulative Impact Sediment Chemistry		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		
Near-field Stations																																				
	SB-RNA	4 times per year												12			12	12			12	12			12	12			12	12						
	SB-RNB	4 times per year												12			12	12			12	12			12	12			12	12						
Mid-field Stations														12			12	12			12	12			12	12			12	12						
	SB-RMA	4 times per year												12			12	12			12	12			12	12			12	12						
	SB-RMB	4 times per year												12			12	12			12	12			12	12			12	12						
Far-Field Stations																																				
	SB-RFA	4 times per year												12			12	12			12	12			12	12			12	12						
	SB-RFB	4 times per year												12			12	12			12	12			12	12			12	12						
Capped Pit Stations																																				
	SB-RCA	4 times per year												12			12	12			12	12			12	12			12	12						
	SB-RCB	4 times per year												12			12	12			12	12			12	12			12	12						
Sensitive Receiver Stations																																				
	MW1	4 times per year												12			12	12			12	12			12	12			12	12						
	THB1	4 times per year												12			12	12			12	12			12	12			12	12						
	THB2	4 times per year												12			12	12			12	12			12	12			12	12						
Sediment Toxicity Tests		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		
SB CMP 1 Active																																				
Reference																																				
	SB-TRA	2 times per year													5																					
	SB-TRB	2 times per year													5																					
Near-Field																																				
	SB-TAA	2 times per year													5																					
	SB-TAB	2 times per year													5																					
Sensitive Receiver Stations																																				
	MW1	2 times per year													5																					
	THB1	2 times per year													5																					
	THB2	2 times per year													5																					
SB CMP 2 Active																																				
Reference																																				
	SB-TRA	2 times per year																																		
	SB-TRB	2 times per year																																		
Near-Field																																				
	SB-TBA	2 times per year																																		
	SB-TBB	2 times per year																																		
Sensitive Receiver Stations																																				
	MW1	2 times per year																																		
	THB1	2 times per year																																		
	THB2	2 times per year																																		
Tissue/Whole Body Sampling		J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N																		

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

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Capping Water Quality Monitoring	2012					2013					2014					2015					2016					2017									
	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		
<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				
SB-IPE5	4 times per year																		3	3		3	3		3	3		3	3		3				
Intermediate Stations Downcurrent																				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			
SB-INE5	4 times per year																			3	3		3	3		3	3		3	3		3			
Reference Stations Upcurrent																					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			
SB-RFE5	4 times per year																			3	3		3	3		3	3		3	3		3			
Sensitive Receiver Stations																					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																				3	3		3	3		3	3		3	3		3			
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																					3	3		3	3		3	3		3	3		3		
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																					3	3		3	3		3	3		3	3		3		
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					