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	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	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	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	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	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	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	*	*	*	*	*	*	*	*	*	*	*	*																																									

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

	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	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				*								*				*								*				*								*				*								*				*		

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

	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	M	A	M	J	J	A	S	O	N	D	J	F
Capping																																																					
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)

Routine Water Quality Monitoring	2012				2013												2014												2015												2016												2017	
	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	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 A2 - Environmental Monitoring and Audit Sampling Schedule for South of The Brothers (July 2012 - February 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	M	A	M	J	J	A	S	O	N	D	J	F
			2012						2013												2014												2015												2016												2017	
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	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F
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	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
SB CMP 1 Active																																																											
Near-Pit																																																											
	SB-NNAA	Monthly													12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12																												
	SB-NNAB	Monthly													12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12																												
Pit-Edge																																																											
	SB-NEAA	Monthly													12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12																												
	SB-NEAB	Monthly													12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12																												
Active-Pit																																																											
	SB-NPAA	Monthly													12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12																												
	SB-NPAB	Monthly													12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12																												
SB CMP 2 Active																																																										
Near-Pit																																																											
	SB-NNBA	Monthly																															12	12	12	12	12	12	12	12	12	12	12	12	12														
	SB-NNBB	Monthly																															12	12	12	12	12	12	12	12	12	12	12	12	12														
Pit-Edge																																																											
	SB-NEBA	Monthly																															12	12	12	12	12	12	12	12	12	12	12	12	12														
	SB-NEBB	Monthly																															12	12	12	12	12	12	12	12	12	12	12	12	12														
Active-Pit																																																											
	SB-NPBA	Monthly																															12	12	12	12	12	12	12	12	12	12	12	12	12														
	SB-NPBB	Monthly																															12	12	12	12	12	12	12	12	12	12	12	12	12														

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

Cumulative Impact Sediment Chemistry			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	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																																																					
	SB-RNA	4 times per year														12				12		12				12		12				12						12		12				12		12											
	SB-RNB	4 times per year														12				12		12				12		12				12						12		12				12		12											
Mid-field Stations																																																					
	SB-RMA	4 times per year														12				12		12				12		12				12						12		12				12		12											
	SB-RMB	4 times per year														12				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		12											
	SB-RFB	4 times per year														12				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		12											
	SB-RCB	4 times per year														12				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		12											
	THB1	4 times per year														12				12		12				12		12				12						12		12				12		12											
	THB2	4 times per year														12				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	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F
SB CMP 1 Active																																																					
Reference																																																						
	SB-TRA	2 times per year														5						5				5																														
	SB-TRB	2 times per year														5						5				5																														
Near-Field																																																					
	SB-TAA	2 times per year														5						5				5																														
	SB-TAB	2 times per year														5						5				5																														
Sensitive Receiver Stations																																																					
	MW1	2 times per year														5						5				5																														
	THB1	2 times per year														5						5				5																														
	THB2	2 times per year														5						5				5																														
SB CMP 2 Active																																																						
Reference																																																						
	SB-TRA	2 times per year																																5						5						5											
	SB-TRB	2 times per year																																5						5						5											
Near-Field																																																						
	SB-TBA	2 times per year																																5						5						5											
	SB-TBB	2 times per year																																5						5						5											
Sensitive Receiver Stations																																																					
	MW1	2 times per year																																5						5						5											
	THB1	2 times per year																																5						5						5											
	THB2	2 times per year																																5						5						5											

Tissue/ Whole Body Sampling			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	M	A	M	J	J	A	S	O	N	D	J	F
Near-Pit Stations																																																					
	SB-INA	2 times per year																			*						*							*						*						*											
	SB-INB	2 times per year																			*						*							*						*						*											
Reference North																																																					
	TNA	2 times per year																			*						*							*						*						*											
	TNB	2 times per year																			*						*							*						*						*											
Reference South																																																					
	TSA	2 times per year																			*						*							*						*						*											
	TSB	2 times per year																			*						*							*						*						*											

Demersal Trawling			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	M	A	M	J	J	A	S	O	N	D	J	F
Impact																																																					
	SB-INA 1-5	4 times per year														5					5	5				5	5					5	5					5	5					5	5					5	5				
	SB-INB 1-5	4 times per year														5					5	5				5	5					5	5					5	5					5	5					5	5				
Reference North																																																					
	TNA 1-5	4 times per year														5					5	5				5	5					5	5					5	5					5	5					5	5				
	TNB 1-5	4 times per year														5					5	5				5	5					5	5					5	5					5	5					5	5				
Reference South																																																					
	TSA 1-5	4 times per year														5					5	5				5	5					5	5					5	5					5	5					5	5				
	TSB 1-5	4 times per year														5					5	5				5	5					5	5					5	5					5	5					5	5				

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**	**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												
	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												
	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												
	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												
	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												
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												
	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												
	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												
	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												
	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												
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												
	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												
	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												
	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												
	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												
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												
	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												
	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												
	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												
	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												
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												
	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												
	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												
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												
	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												
	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												
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												
	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												
	SB-RFF3	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												
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												
	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												
	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												
	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												
	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												

Water Column Profiling			**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**	**M**	**A**	**M**	**J**	**J**	**A**	**S**	**O**	**N**	**D**	**J**	**F**
Plume Stations	WCP1	Monthly														4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4											
	WCP2	Monthly														4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4											

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	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	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