Annex A1 - Environmental Monitoring and Audit Sampling Schedule for East of Sha Chau (September 2012 - April 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	M	A
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	M	A
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	M	A
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	M	A
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	M	A
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	M	A
Plume Stations	WCP1	*	*	*	*	*	*	*	*	*	*	*	*																			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	WCP2	*	*	*	*	*	*	*	*	*	*	*	*																			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

Annex A1 - Environmental Monitoring and Audit Sampling Schedule for East of Sha Chau (September 2012 - April 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	M	A
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	M	A	M	J	J	A	S	O	N	D	J	F	M	A
Upstream/Reference Stations																																																									
US1	*	*	*	*	*	*	*	*	*																												*	*	*	*	*	*								*	*	*				
US2	*	*	*	*	*	*	*	*	*																												*	*	*	*	*	*								*	*	*				
Downstream/Impact Stations																																																									
DS1	*	*	*	*	*	*	*	*	*																												*	*	*	*	*	*								*	*	*				
DS2	*	*	*	*	*	*	*	*	*																												*	*	*	*	*	*								*	*	*				
DS3	*	*	*	*	*	*	*	*	*																												*	*	*	*	*	*								*	*	*				
DS4	*	*	*	*	*	*	*	*	*																												*	*	*	*	*	*								*	*	*				
DS5	*	*	*	*	*	*	*	*	*																												*	*	*	*	*	*								*	*	*				
Ma Wan Station																																																									
MW1	*	*	*	*	*	*	*	*	*																												*	*	*	*	*	*								*	*	*				

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	M	A	M	J	J	A	S	O	N	D	J	F	M	A
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 - April 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	M	A	M	J	J	A	S	O	N	D	J	F	M	A
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 - April 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	M	A	M	J	J	A	S	O	N	D	J	F	M	A
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	M	A
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	M	A
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																																
	SB-NNAB	Monthly														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																																
	SB-NEAB	Monthly														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																																
	SB-NPAB	Monthly														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	12	12														
	SB-NNBB	Monthly																														12	12	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	12	12														
	SB-NEBB	Monthly																														12	12	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	12	12														
	SB-NPBB	Monthly																														12	12	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 - April 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	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
Near-field Stations																																																													
	SB-RNA	4 times per year														12				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		12															
Mid-field Stations																																																													
	SB-RMA	4 times per year														12				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		12															
Far-Field Stations																																																													
	SB-RFA	4 times per year														12				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		12															
Capped Pit Stations																																																													
	SB-RCA	4 times per year														12				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		12															
Sensitive Receiver Stations																																																													
	MW1	4 times per year														12				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		12															
	THB2	4 times per year														12				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	M	A
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	M	A
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	M	A
Impact																																																													
	SB-INA 1-5	4 times per year														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														
Reference North																																																													
	TNA 1-5	4 times per year														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														
Reference South																																																													
	TSA 1-5	4 times per year														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														

Annex A2 - Environmental Monitoring and Audit Sampling Schedule for South of The Brothers (July 2012 - April 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	M	A
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	M	A
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 - April 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	M	A
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	M	A
Capped Contaminated Mud Pits																																																													
	SB-CPA	2 times per year																																					12				12								12				12						
	SB-CPB	2 times per year																																					12				12								12				12						
Reference Stations																																																													
	RBA	2 times per year																																					12				12								12				12						
	RBB	2 times per year																																					12				12								12				12						
	RBC	2 times per year																																					12				12								12				12						

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