Annex A1 - East of Sha Chau Environmental Monitoring and Audit Sampling Schedule for CMP IV (January 2012 - December 2013)

		2012												2013											
Tissue/ Whole Body Sampling		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Near-Pit Stations																									
	INA		*																						
	INB		*																						
Reference North																									
	TNA		*																						
	TNB		*																						
Reference South																									
	TSA		*																						
	TSB		*																						
Demersal Trawling		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Near Pit Stations																									
	INA 1-5	*	*																						
	INB 1-5	*	*																						
Reference North																									
	TNA 1-5	*	*																						
	TNB 1-5	*	*																						
Reference South																									
	TSA 1-5	*	*																						
	TSB 1-5	*	*																						
Capping		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Ebb Tide																									
Impact Station Downcurrent																									
	IPE1		*				*		*				*		*				*		*				*
	IPE2		*				*		*				*		*				*		*				*
	IPE3		*				*		*				*		*				*		*				*
	IPE4		*				*		*				*		*				*		*				*
	PFC1		*				*		*				*		*				*		*				*
Intermediate Station Downcurrent																									
	INE1		*				*		*				*		*				*		*				*
	INE2		*				*		*				*		*				*		*				*
	INE3		*				*		*				*		*				*		*				*
	INE4		*				*		*				*		*				*		*				*
	INE5		*				*		*				*		*				*		*				*
Reference Station Upcurrent																									
	RFE1		*				*		*				*		*				*		*				*
	RFE2		*				*		*				*		*				*		*				*
	RFE3		*				*		*				*		*				*		*				*
	RFE4		*				*		*				*		*				*		*				*
	RFE5		*				*		*				*		*				*		*				*
Flood Tide																									
Impact Station Downcurrent																									
	INF1		*				*		*				*		*				*		*				*
	PFC2		*				*		*				*		*				*		*				*
	INF3		*				*		*				*		*				*		*				*
Intermediate Station Downcurrent																									
	IPF1		*				*		*				*		*				*		*				*
	IPF2		*				*		*				*		*				*		*				*
	IPF3		*				*		*				*		*				*		*				*
Reference Station Upcurrent																									
	RFF1		*				*		*				*		*				*		*				*
	RFF2		*				*		*				*		*				*		*				*
	RFF3		*				*		*				*		*				*		*				*
Water Column Profiling		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Plume Stations	WCP1	*																							
	WCP2	*																							
Benthic Recolonisation Studies		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Capped Contaminated Mud Pits III																									
CPA	1 grab per station								*																
CPB	1 grab per station								*																
CPC	1 grab per station								*																
Reference Stations																									
RBA	1 grab per station								*																
RBB	1 grab per station								*																
RBC	1 grab per station								*																

"*" = Number of replicates depends on field catch or parameters

Sampling completed

Sampling to be completed

Annex A2 - East of Sha Chau Environmental Monitoring and Audit Sampling Schedule for CMP V (January 2012 - February 2014)

		2012												2013												2014	
Pit Specific Sediment Chemistry	**Code**	**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		**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		**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		**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		**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							*	*					*	*					*	*						

Capping		**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																								*		*

		2012												2013												2014	
Routine Water Quality Monitoring		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		*		*	*		*	*		*	*		*	*		*	*		*	*						

Water Column Profiling		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		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*						

Benthic Recolonisation Studies		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								*				*								*				*		

Impact Monitoring for Dredging		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/Reference Stations																											
	US1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*									
	US2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*									
Downstream/Impact Stations																											
	DS1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*									
	DS2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*									
	DS3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*									
	DS4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*									
	DS5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*									
Ma Wan Station																											
	MW1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*									

Sampling completed

Sampling to be completed

Annex A3 - Environmental Monitoring and Audit Sampling Schedule for South of The Brothers (July 2012 - December 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	M	J	J	A	S	O	N	D
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	M	J	J	A	S	O	N	D
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	M	J	J	A	S	O	N	D
SB CMP 1 Active																																																																				
Near-Pit																																																																				
	SB-NNAA	Monthly														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																																							
Pit-Edge																																																																				
	SB-NEAA	Monthly														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																																							
Active-Pit																																																																				
	SB-NPAA	Monthly														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																																							
SB CMP 2 Active																																																																				
Near-Pit																																																																				
	SB-NNBA	Monthly																											12	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	12																												
Pit-Edge																																																																				
	SB-NEBA	Monthly																											12	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	12																												
Active-Pit																																																																				
	SB-NPBA	Monthly																											12	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	12																												

Annex A3 - Environmental Monitoring and Audit Sampling Schedule for South of The Brothers (July 2012 - December 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	M	J	J	A	S	O	N	D
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	M	A	M	J	J	A	S	O	N	D
SB CMP 1 Active																																																																				
Reference																																																																				
	SB-TRA	2 times per year														5						5																																														
	SB-TRB	2 times per year														5						5																																														
Near-Field																																																																				
	SB-TAA	2 times per year														5						5																																														
	SB-TAB	2 times per year														5						5																																														
Sensitive Receiver Stations																																																																				
	MW1	2 times per year														5						5																																														
	THB1	2 times per year														5						5																																														
	THB2	2 times per year														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	M	J	J	A	S	O	N	D
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	M	J	J	A	S	O	N	D
Impact																																																																				
	SB-INA 1-5	4 times per year														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																													
Reference North																																																																				
	TNA 1-5	4 times per year														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																													
Reference South																																																																				
	TSA 1-5	4 times per year														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																													

Annex A3 - Environmental Monitoring and Audit Sampling Schedule for South of The Brothers (July 2012 - December 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	M	J	J	A	S	O	N	D
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	M	J	J	A	S	O	N	D
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	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	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

Annex A3 - Environmental Monitoring and Audit Sampling Schedule for South of The Brothers (July 2012 - December 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	M	J	J	A	S	O	N	D
Ebb Tide																																																																				
Impact Stations Downcurrent																																																																				
	SB-IPE1	8 times per year																																											3	3		3	3		3	3		3	3														
	SB-IPE2	8 times per year																																											3	3		3	3		3	3		3	3														
	SB-IPE3	8 times per year																																											3	3		3	3		3	3		3	3														
	SB-IPE4	8 times per year																																											3	3		3	3		3	3		3	3														
	SB-IPE5	8 times per year																																											3	3		3	3		3	3		3	3														
Intermediate Stations Downcurrent																																																																				
	SB-INE1	8 times per year																																											3	3		3	3		3	3		3	3														
	SB-INE2	8 times per year																																											3	3		3	3		3	3		3	3														
	SB-INE3	8 times per year																																											3	3		3	3		3	3		3	3														
	SB-INE4	8 times per year																																											3	3		3	3		3	3		3	3														
	SB-INE5	8 times per year																																											3	3		3	3		3	3		3	3														
Reference Stations Upcurrent																																																																				
	SB-RFE1	8 times per year																																											3	3		3	3		3	3		3	3														
	SB-RFE2	8 times per year																																											3	3		3	3		3	3		3	3														
	SB-RFE3	8 times per year																																											3	3		3	3		3	3		3	3														
	SB-RFE4	8 times per year																																											3	3		3	3		3	3		3	3														
	SB-RFE5	8 times per year																																											3	3		3	3		3	3		3	3														
Sensitive Receiver Stations																																																																				
	MW1	8 times per year																																											3	3		3	3		3	3		3	3														
	THB1	8 times per year																																																																			
	THB2	8 times per year																																																																			
	WSR45C	8 times per year																																											3	3		3	3		3	3		3	3														
	WSR46	8 times per year																																											3	3		3	3		3	3		3	3														
Flood Tide																																																																				
Impact Stations Downcurrent																																																																				
	SB-IPF1	8 times per year																																											3	3		3	3		3	3		3	3														
	SB-IPF2	8 times per year																																											3	3		3	3		3	3		3	3														
	SB-IPF3	8 times per year																																											3	3		3	3		3	3		3	3														
Intermediate Stations Downcurrent																																																																				
	SB-INF1	8 times per year																																											3	3		3	3		3	3		3	3														
	SB-INF2	8 times per year																																											3	3		3	3		3	3		3	3														
	SB-INF3	8 times per year																																											3	3		3	3		3	3		3	3														
Reference Stations Upcurrent																																																																				
	SB-RFF1	8 times per year																																											3	3		3	3		3	3		3	3														
	SB-RFF2	8 times per year																																											3	3		3	3		3	3		3	3														
	SB-RFF3	8 times per year																																											3	3		3	3		3	3		3	3														
Sensitive Receiver Stations																																																																				
	MW1	8 times per year																																											3	3		3	3		3	3		3	3														
	THB1	8 times per year																																																																			
	THB2	8 times per year																																																																			
	WSR45C	8 times per year																																											3	3		3	3		3	3		3	3														
	WSR46	8 times per year																																											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	M	J	J	A	S	O	N	D
Capped Contaminated Mud Pits																																																																					
	SB-CPA	2 times per year																																																	12				12										12				12
	SB-CPB	2 times per year																																																	12				12										12				12
																																																		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