

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



		2012												2013											
<b>Tissue/ Whole Body Sampling</b>		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		*																						
<b>Demersal Trawling</b>		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		*	*																					
<b>Capping</b>		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
<i>Ebb Tide</i>																									
Impact Station Downcurrent	IPE1		*				*	*				*	*		*				*	*			*	*	*
	IPE2		*				*	*				*	*		*				*	*			*	*	*
	IPE3		*				*	*				*	*		*				*	*			*	*	*
	IPE4		*				*	*				*	*		*				*	*			*	*	*
	PFC1		*				*	*				*	*		*				*	*			*	*	*
Intermediate Station Downcurrent	INE1		*				*	*				*	*		*				*	*			*	*	*
	INE2		*				*	*				*	*		*				*	*			*	*	*
	INE3		*				*	*				*	*		*				*	*			*	*	*
	INE4		*				*	*				*	*		*				*	*			*	*	*
	INE5		*				*	*				*	*		*				*	*			*	*	*
Reference Station Upcurrent	RFE1		*				*	*				*	*		*				*	*			*	*	*
	RFE2		*				*	*				*	*		*				*	*			*	*	*
	RFE3		*				*	*				*	*		*				*	*			*	*	*
	RFE4		*				*	*				*	*		*				*	*			*	*	*
	RFE5		*				*	*				*	*		*				*	*			*	*	*
<i>Flood Tide</i>																									
Impact Station Downcurrent	INF1		*				*	*				*	*		*				*	*			*	*	*
	PFC2		*				*	*				*	*		*				*	*			*	*	*
	INF3		*				*	*				*	*		*				*	*			*	*	*
Intermediate Station Downcurrent	IPF1		*				*	*				*	*		*				*	*			*	*	*
	IPF2		*				*	*				*	*		*				*	*			*	*	*
	IPF3		*				*	*				*	*		*				*	*			*	*	*
Reference Station Upcurrent	RFF1		*				*	*				*	*		*				*	*			*	*	*
	RFF2		*				*	*				*	*		*				*	*			*	*	*
	RFF3		*				*	*				*	*		*				*	*			*	*	*
<b>Water Column Profiling</b>		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		*																						
<b>Benthic Recolonisation Studies</b>		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
<i>Capped Contaminated Mud Pits III</i>																									
CPA	1 grab per station								*																
CPB	1 grab per station								*																
CPC	1 grab per station								*																
<i>Reference Stations</i>																									
RBA	1 grab per station								*																
RBB	1 grab per station								*																
RBC	1 grab per station								*																

\*n = Number of replicates depends on field catch or parameters

Sampling completed  
 Sampling to be completed



		2012												2013												2014	
<b>Routine Water Quality Monitoring</b>		J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F
<i>Ebb Tide</i>																											
Impact 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		*		*	*		*	*		*	*		*	*		*	*		*	*		*	*		*	*
<i>Flood Tide</i>																											
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		*		*	*		*	*		*	*		*	*		*	*		*	*		*	*		*	*
<b>Water Column Profiling</b>		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		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
<b>Benthic Recolonisation Studies</b>		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																											
Reference Stations	ESC-CPA								*				*						*				*			*	
	ESC-CPB								*				*						*				*			*	
	ESC-CPC								*				*						*				*			*	
	ESC-RBA								*				*						*				*			*	
	ESC-RBB								*				*						*				*			*	
	ESC-RBC								*				*						*				*			*	
<b>Impact Monitoring for Dredging</b>		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																																								
			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
<b>Capping Water Quality Monitoring</b>																																																																				
<i>Ebb Tide</i>																																																																				
Impact Stations Downcurrent																																																																				
	SB-IPE1	8 times per year																																																																		
	SB-IPE2	8 times per year																																																																		
	SB-IPE3	8 times per year																																																																		
	SB-IPE4	8 times per year																																																																		
	SB-IPE5	8 times per year																																																																		
Intermediate Stations Downcurrent																																																																				
	SB-INE1	8 times per year																																																																		
	SB-INE2	8 times per year																																																																		
	SB-INE3	8 times per year																																																																		
	SB-INE4	8 times per year																																																																		
	SB-INE5	8 times per year																																																																		
Reference Stations Upcurrent																																																																				
	SB-RFE1	8 times per year																																																																		
	SB-RFE2	8 times per year																																																																		
	SB-RFE3	8 times per year																																																																		
	SB-RFE4	8 times per year																																																																		
	SB-RFE5	8 times per year																																																																		
Sensitive Receiver Stations																																																																				
	MW1	8 times per year																																																																		
	THB1	8 times per year																																																																		
	THB2	8 times per year																																																																		
	WSR45C	8 times per year																																																																		
	WSR46	8 times per year																																																																		
<i>Flood Tide</i>																																																																				
Impact Stations Downcurrent																																																																				
	SB-IPF1	8 times per year																																																																		
	SB-IPF2	8 times per year																																																																		
	SB-IPF3	8 times per year																																																																		
Intermediate Stations Downcurrent																																																																				
	SB-INF1	8 times per year																																																																		
	SB-INF2	8 times per year																																																																		
	SB-INF3	8 times per year																																																																		
Reference Stations Upcurrent																																																																				
	SB-RFF1	8 times per year																																																																		
	SB-RFF2	8 times per year																																																																		
	SB-RFF3	8 times per year																																																																		
Sensitive Receiver Stations																																																																				
	MW1	8 times per year																																																																		
	THB1	8 times per year																																																																		
	THB2	8 times per year																																																																		
	WSR45C	8 times per year																																																																		
	WSR46	8 times per year																																																																		
<b>Benthic Recolonisation Studies</b>																																																																				
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