

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								*			*									*				*	

*n = 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
<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																				*			*		*	

			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
<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		*		*	*		*	*			*	*		*	*		*	*									
Reference Station	ESC-INE5		*		*	*		*	*			*	*		*	*		*	*									
			*		*	*		*	*			*	*		*	*		*	*									
	ESC-RFE1		*		*	*		*	*			*	*		*	*		*	*									
	ESC-RFE2		*		*	*		*	*			*	*		*	*		*	*									
	ESC-RFE3		*		*	*		*	*			*	*		*	*		*	*									
Ma Wan Station	ESC-RFE4		*		*	*		*	*			*	*		*	*		*	*									
	ESC-RFE5		*		*	*		*	*			*	*		*	*		*	*									
			*		*	*		*	*			*	*		*	*		*	*									
	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		*		*	*		*	*			*	*		*	*		*	*									

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																												
Reference Stations	ESC-CPA									*				*									*			*		
	ESC-CPB									*				*									*			*		
	ESC-CPC									*				*									*			*		
										*				*									*			*		
	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