

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

		2012											
Tissue/ Whole Body Sampling		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
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
<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		*				*		*				*
Water Column Profiling		J	F	M	A	M	J	J	A	S	O	N	D
Plume Stations	WCP1	*											
	WCP2	*											

* = Number of replicates depends on field catch or parameters

Sampling completed
 Sampling to be completed

Pit Specific Sediment Chemistry	Code	2012												2013												2014	
		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								*						*					*		*				*		*
Ma Wan Station	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							*	*						*	*				*	*					*	*	*
Ma Wan Station	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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
	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	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
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