

Annex A

Sampling Schedule

Pit Specific Sediment Chemistry	Code	Frequency	2009					2010	
			J	A	S	O	N	D	J
Active-Pit	NCA 1-8	3 times per year	*					*	
	NCB 1-8	3 times per year	*					*	
Pit-Edge	CPA 1-8	3 times per year	*					*	
	CPB 1-8	3 times per year	*					*	
Near-Pit	CNA 1-8	3 times per year	*					*	
	CNB 1-8	3 times per year	*					*	

Cumulative Impact Sediment Chemistry			J	A	S	O	N	D	J	F
Near-field Stations	RNA 1-9	2 times per year	*					*		
	RNB 1-9	2 times per year	*					*		
Mid-field Stations	RMA 1-9	2 times per year	*					*		
	RMB 1-9	2 times per year	*					*		
Capped Pit Stations	RCA 1-9	2 times per year	*					*		
	RCB 1-9	2 times per year	*					*		
Far-Field Stations	RFA 1-9	2 times per year	*					*		
	RFB 1-9	2 times per year	*					*		

Sediment Toxicity Tests			J	A	S	O	N	D	J	F
Near-Field Stations	TCA	2 times per year	3					3		
	TCB	2 times per year	3					3		
Reference Stations	TRA	2 times per year	3					3		
	TRB	2 times per year	3					3		

Tissue/Whole Body Sampling			J	A	S	O	N	D	J	F
Near-Pit Stations	INA	2 times per year	*							*
	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
Near Pit Stations	INA 1-5	4 times per year	5	5					5	5
	INB 1-5	4 times per year	5	5					5	5
Reference North	TNA 1-5	4 times per year	5	5					5	5
	TNB 1-5	4 times per year	5	5					5	5
Reference South	TSA 1-5	4 times per year	5	5					5	5
	TSB 1-5	4 times per year	5	5					5	5

Capping			J	A	S	O	N	D	J	F
<i>Ebb Tide</i>										
Impact Station Downcurrent	IPE1	4 times per year	3	3				3	3	
	IPE2	4 times per year	3	3				3	3	
	IPE3	4 times per year	3	3				3	3	
	IPE4	4 times per year	3	3				3	3	
	IPC1	4 times per year	3	3				3	3	
Intermediate Station Downcurrent	INE1	4 times per year	3	3				3	3	
	INE2	4 times per year	3	3				3	3	
	INE3	4 times per year	3	3				3	3	
	INE4	4 times per year	3	3				3	3	
	INE5	4 times per year	3	3				3	3	
Reference Station Upcurrent	RFE1	4 times per year	3	3				3	3	
	RFE2	4 times per year	3	3				3	3	
	RFE3	4 times per year	3	3				3	3	
	RFE4	4 times per year	3	3				3	3	
	RFE5	4 times per year	3	3				3	3	
<i>Flood Tide</i>										
Impact Station Downcurrent	INF1	4 times per year	3	3				3	3	
	IPC2	4 times per year	3	3				3	3	
	INF3	4 times per year	3	3				3	3	
Intermediate Station Downcurrent	IPF1	4 times per year	3	3				3	3	
	IPF2	4 times per year	3	3				3	3	
	IPF3	4 times per year	3	3				3	3	
Reference Station Upcurrent	RFF1	4 times per year	3	3				3	3	
	RFF2	4 times per year	3	3				3	3	
	RFF3	4 times per year	3	3				3	3	

Routine Water Quality Monitoring			J	A	S	O	N	D	J	F
<i>Ebb Tide</i>										
Impact Station Downcurrent	IPE1	2 times per year	*							*
	IPE2	2 times per year	*							*
	IPE3	2 times per year	*							*
	IPE4	2 times per year	*							*
	IPE5	2 times per year	*							*
Intermediate Station Downcurrent	INE1	2 times per year	*							*
	INE2	2 times per year	*							*
	INE3	2 times per year	*							*
	INE4	2 times per year	*							*
	INE5	2 times per year	*							*
Reference Station Upcurrent	RFE1	2 times per year	*							*
	RFE2	2 times per year	*							*
	RFE3	2 times per year	*							*
	RFE4	2 times per year	*							*
	RFE5	2 times per year	*							*
<i>Flood Tide</i>										
Impact Station Downcurrent	INF1	2 times per year	*							*
	INF2	2 times per year	*							*
	INF3	2 times per year	*							*
Intermediate Station Downcurrent	IPF1	2 times per year	*							*
	IPF2	2 times per year	*							*
	IPF3	2 times per year	*							*
Reference Station Upcurrent	RFF1	2 times per year	*							*
	RFF2	2 times per year	*							*
	RFF3	2 times per year	*							*



Water Column Profiling			J	A	S	O	N	D	J	F
Plume Stations	WCP1	6 times per year	2	2				2	2	2
	WCP2	6 times per year	2	2				2	2	2

Benthic Recolonisation Studies			J	A	S	O	N	D	J	F
Capped Contaminated Mud Pits	CPA 1-3	2 times per year	3					3		
	CPB 1-3	2 times per year	3					3		
	CPC 1-3	2 times per year	3					3		
Reference Stations	RBA 1-3	2 times per year	3					3		
	RBB 1-3	2 times per year	3					3		
	RBC 1-3	2 times per year	3					3		

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

Annex A2 - East of Sha Chau Environmental Monitoring and Audit Sampling Schedule for CMP V (July 2009 - February 2010)

		2009					2010		
Baseline Water Quality Monitoring		J	A	S	O	N	D	J	F
Near Field	ESC-WNAA	*	*						
	ESC-WNAB	*	*						
	ESC-WNAC	*	*						
	ESC-WNAD	*	*						
	ESC-WNBA	*	*						
	ESC-WNBB	*	*						
	ESC-WNBC	*	*						
	ESC-WNBD	*	*						
Mid Field	ESC-WMB	*	*						
	ESC-WMA	*	*						
Far Field	ESC-WFA	*	*						
	ESC-WFB	*	*						
	MW1	*	*						
Reference Stations	NM1	*	*						
	NM2	*	*						
	NM3	*	*						
	NM5	*	*						
	NM6	*	*						
Water Column Profiling		J	A	S	O	N	D	J	F
Plume Stations	Upstream			2	2	2	2	2	2
	Downstream			2	2	2	2	2	2
Water Quality Impact Monitoring for Dredging		J	A	S	O	N	D	J	F
Downcurrent Impact Stations	1			*	*	*	*	*	*
	2			*	*	*	*	*	*
	3			*	*	*	*	*	*
	4			*	*	*	*	*	*
	5			*	*	*	*	*	*
Upcurrent Stations	1			*	*	*	*	*	*
	2			*	*	*	*	*	*
	MW1			*	*	*	*	*	*

 Sampling completed
 Sampling to be completed