

Annex A

## Sampling Schedule

			2009					2010		
Pit Specific Sediment Chemistry	Code	Frequency	J	A	S	O	N	D	J	F
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	*					*		

			J	A	S	O	N	D	J	F
<b>Cumulative Impact Sediment Chemistry</b>										
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	*					*		

			J	A	S	O	N	D	J	F
<b>Sediment Toxicity Tests</b>										
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		

			J	A	S	O	N	D	J	F
<b>Tissue/Whole Body Sampling</b>										
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	*							*

			J	A	S	O	N	D	J	F
<b>Demersal Trawling</b>										
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

			J	A	S	O	N	D	J	F
<b>Capping</b>										
<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
	IFC1	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
	IFC2	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

			J	A	S	O	N	D	J	F
<b>Routine Water Quality Monitoring</b>										
<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	*							*



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

			J	A	S	O	N	D	J	F
<b>Benthic Recolonisation Studies</b>										
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	
			J	A	S	O	N	D	J	F
<b>Baseline Water Quality Monitoring</b>										
Near Field	ESC-WNAA	To be surveyed 24 times (3 days per week during mid-flood and mid-ebb tide of each day) in the month prior to commencement of marine works	*	*						
	ESC-WNAB		*	*						
	ESC-WNAC		*	*						
	ESC-WNAD		*	*						
	ESC-WNBA		*	*						
	ESC-WNBB		*	*						
	ESC-WNBC		*	*						
Mid Field	ESC-WMB	To be surveyed 24 times (3 days per week during mid-flood and mid-ebb tide of each day) in the month prior to commencement of marine works	*	*						
	ESC-WMA		*	*						
Far Field	ESC-WFA	To be surveyed 24 times (3 days per week during mid-flood and mid-ebb tide of each day) in the month prior to commencement of marine works	*	*						
	ESC-WFB		*	*						
	MW1		*	*						
Reference Stations	NM1	To be surveyed 24 times (3 days per week during mid-flood and mid-ebb tide of each day) in the month prior to commencement of marine works	*	*						
	NM2		*	*						
	NM3		*	*						
	NM5		*	*						
	NM6		*	*						
<b>Water Column Profiling</b>			J	A	S	O	N	D	J	F
Plume Stations	Upstream			2	2	2	2	2	2	2
	Downstream			2	2	2	2	2	2	2
<b>Water Quality Impact Monitoring for Dredging</b>			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