

Annex A

Sampling Schedule

			2009					2010						
Pit Specific Sediment Chemistry	Code	Frequency	J	A	S	O	N	D	J	F	M	A	M	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	M	A	M	J
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	M	A	M	J
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	M	A	M	J
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	M	A	M	J
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	M	A	M	J
<i>Ebb Tide</i>														
Impact Station Downcurrent	IPE1	4 times per year	3	3				3	3					3
	IPE2	4 times per year	3	3				3	3					3
	IPE3	4 times per year	3	3				3	3					3
	IPE4	4 times per year	3	3				3	3					3
	PFC1	4 times per year	3	3				3	3					3
Intermediate Station Downcurrent	INE1	4 times per year	3	3				3	3					3
	INE2	4 times per year	3	3				3	3					3
	INE3	4 times per year	3	3				3	3					3
	INE4	4 times per year	3	3				3	3					3
	INE5	4 times per year	3	3				3	3					3
Reference Station Upcurrent	RFE1	4 times per year	3	3				3	3					3
	RFE2	4 times per year	3	3				3	3					3
	RFE3	4 times per year	3	3				3	3					3
	RFE4	4 times per year	3	3				3	3					3
	RFE5	4 times per year	3	3				3	3					3
<i>Flood Tide</i>														
Impact Station Downcurrent	INF1	4 times per year	3	3				3	3					3
	PFC2	4 times per year	3	3				3	3					3
	INF3	4 times per year	3	3				3	3					3
Intermediate Station Downcurrent	IPF1	4 times per year	3	3				3	3					3
	IPF2	4 times per year	3	3				3	3					3
	IPF3	4 times per year	3	3				3	3					3
Reference Station Upcurrent	RFF1	4 times per year	3	3				3	3					3
	RFF2	4 times per year	3	3				3	3					3
	RFF3	4 times per year	3	3				3	3					3

Routine Water Quality Monitoring			J	A	S	O	N	D	J	F	M	A	M	J
<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	M	A	M	J
Plume Stations	WCP1	6 times per year	2	2				2	2	2				2
	WCP2	6 times per year	2	2				2	2	2				2

Benthic Recolonisation Studies			J	A	S	O	N	D	J	F	M	A	M	J
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

Sampling completed

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

			2009						2010					
Baseline Water Quality Monitoring			J	A	S	O	N	D	J	F	M	A	M	J
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		*	*										
	ESC-WNBD		*	*										
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		*	*										
Water Column Profiling			J	A	S	O	N	D	J	F	M	A	M	J
Plume Stations	Upstream			2	2	2	2	2	2	2				
	Downstream			2	2	2	2	2	2	2				
Water Quality Impact Monitoring for Dredging			J	A	S	O	N	D	J	F	M	A	M	J
Downcurrent Impact Stations	1			*	*	*	*	*	*	*	*	*	*	*
	2			*	*	*	*	*	*	*	*	*	*	*
	3			*	*	*	*	*	*	*	*	*	*	*
	4			*	*	*	*	*	*	*	*	*	*	*
	5			*	*	*	*	*	*	*	*	*	*	*
Upcurrent Stations	1			*	*	*	*	*	*	*	*	*	*	*
	2			*	*	*	*	*	*	*	*	*	*	*
				*	*	*	*	*	*	*	*	*	*	*
				*	*	*	*	*	*	*	*	*	*	*
	MW1			*	*	*	*	*	*	*	*	*	*	*

 Sampling completed
 Sampling to be completed