

Annex A

## Sampling Schedule

			2009				2010				2011									
Pit Specific Sediment Chemistry	Code	Frequency	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
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	*					*					*						*	
<b>Cumulative Impact Sediment Chemistry</b>			J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
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	*					*					*						*	
<b>Sediment Toxicity Tests</b>			J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Near-Field Stations	TCA	2 times per year	3					3					3						3	
	TCB	2 times per year	3					3					3						3	
Reference Stations	TRA	2 times per year	3					3					3						3	
	TRB	2 times per year	3					3					3						3	
<b>Tissue/Whole Body Sampling</b>			J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
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	*					*					*						*	
<b>Demersal Trawling</b>			J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Near Pit Stations	INA 1-5	4 times per year	5	5				5	5				5	5					5	5
	INB 1-5	4 times per year	5	5				5	5				5	5					5	5
Reference North	TNA 1-5	4 times per year	5	5				5	5				5	5					5	5
	TNB 1-5	4 times per year	5	5				5	5				5	5					5	5
Reference South	TSA 1-5	4 times per year	5	5				5	5				5	5					5	5
	TSB 1-5	4 times per year	5	5				5	5				5	5					5	5
<b>Capping</b>			J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
<i>Ebb Tide</i>																				
Impact Station Downcurrent	IPE1	4 times per year	3					3	3				3	3				3	3	
	IPE2	4 times per year	3					3	3				3	3				3	3	
	IPE3	4 times per year	3					3	3				3	3				3	3	
	IPE4	4 times per year	3					3	3				3	3				3	3	
	PFC1	4 times per year	3					3	3				3	3				3	3	
Intermediate Station Downcurrent	INE1	4 times per year	3					3	3				3	3				3	3	
	INE2	4 times per year	3					3	3				3	3				3	3	
	INE3	4 times per year	3					3	3				3	3				3	3	
	INE4	4 times per year	3					3	3				3	3				3	3	
	INE5	4 times per year	3					3	3				3	3				3	3	
Reference Station Upcurrent	RFE1	4 times per year	3					3	3				3	3				3	3	
	RFE2	4 times per year	3					3	3				3	3				3	3	
	RFE3	4 times per year	3					3	3				3	3				3	3	
	RFE4	4 times per year	3					3	3				3	3				3	3	
	RFE5	4 times per year	3					3	3				3	3				3	3	
<i>Flood Tide</i>																				
Impact Station Downcurrent	INF1	4 times per year	3					3	3				3	3				3	3	
	PFC2	4 times per year	3					3	3				3	3				3	3	
	INF3	4 times per year	3					3	3				3	3				3	3	
Intermediate Station Downcurrent	IPF1	4 times per year	3					3	3				3	3				3	3	
	IPF2	4 times per year	3					3	3				3	3				3	3	
	IPF3	4 times per year	3					3	3				3	3				3	3	
Reference Station Upcurrent	RFF1	4 times per year	3					3	3				3	3				3	3	
	RFF2	4 times per year	3					3	3				3	3				3	3	
	RFF3	4 times per year	3					3	3				3	3				3	3	
<b>Routine Water Quality Monitoring</b>			J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
<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	*					*					*						*	
<b>Water Column Profiling</b>			J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Plume Stations	WCP1	6 times per year	2	2				2	2	2			2	2	2				2	2
	WCP2	6 times per year	2	2				2	2	2			2	2	2				2	2
<b>Benthic Recolonisation Studies</b>			J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
<i>Capped Contaminated Mud Pits</i>																				
	CPA 1-3	2 times per year	3					3					3						3	
	CPB 1-3	2 times per year	3					3					3						3	
	CPC 1-3	2 times per year	3					3					3						3	
<i>Reference Stations</i>																				
	RBA 1-3	2 times per year	3					3					3						3	
	RBB 1-3	2 times per year	3					3					3						3	
	RBC 1-3	2 times per year	3					3					3						3	

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

Sampling completed

Baseline Water Quality Monitoring			2009												2010												2011											
			J	A	S	O	N	D	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 Field	ESC-WNAA		*	*																																		
	ESC-WNAB		*	*																																		
	ESC-WNAC		*	*																																		
	ESC-WNAD	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-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		*	*																																		
	NM2		*	*																																		
	NM3	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	*	*																																		
	NM5		*	*																																		
	NM6		*	*																																		
<b>Water Column Profiling</b>			J	A	S	O	N	D	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	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	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D						
Downcurrent Impact Stations	1			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*						
	2			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*						
	3			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*						
	4			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*						
	5			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*						
Upcurrent Stations	1			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*							
	2			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*							
	MW1			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*							

Sampling completed  
 Sampling to be completed