

Annex A

Sampling Schedule

			2009												2010											
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		*				*				*				*				*						

Cumulative Impact Sediment Chemistry			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	*					*								*				*

Sediment Toxicity Tests			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

Tissue/ Whole Body Sampling			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-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	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										

Capping			J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Ebb Tide																				
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
Flood Tide																				
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

Routine Water Quality Monitoring			J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
Ebb Tide																				
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	*							*						*				
Flood Tide																				
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	*							*						*				

			2009							2010											
Baseline Water Quality Monitoring			J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	
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	J	A	S	O	N	D
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	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