

Annex A

Sampling Schedule

			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						
Pit Specific Sediment Chemistry																																						
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																																						
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																																						
Near-Field Stations	TCA	2 times per year	3					3					3					3					3					3					3					
	TCB	2 times per year	3					3					3					3					3					3					3					
Reference Stations	TRA	2 times per year	3					3					3					3					3					3					3					
	TRB	2 times per year	3					3					3					3					3					3					3					
Tissue/Whole Body Sampling																																						
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																																						
Near Pit Stations	INA 1-5	4 times per year	5	5				5	5				5	5				5	5				5	5				5	5				5	5				
	INB 1-5	4 times per year	5	5				5	5				5	5				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				5	5				5	5				5	5				
	TNB 1-5	4 times per year	5	5				5	5				5	5				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				5	5				5	5				5	5				
	TSB 1-5	4 times per year	5	5				5	5				5	5				5	5				5	5				5	5				5	5				
Capping																																						
<i>Ebb Tide</i>																																						
Impact Station Downcurrent	IPE1	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
	IPE2	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
	IPE3	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
	IPE4	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
	PFC1	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
Intermediate Station Downcurrent	INE1	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
	INE2	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
	INE3	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
	INE4	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
	INE5	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
Reference Station Upcurrent	RFE1	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
	RFE2	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
	RFE3	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
	RFE4	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
	RFE5	4 times per year	3					3	3				3	3				3	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				3	3				3	3				3	3				
	PFC2	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
	INF3	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
Intermediate Station Downcurrent	IPF1	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
	IPF2	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
	IPF3	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
Reference Station Upcurrent	RFF1	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
	RFF2	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
	RFF3	4 times per year	3					3	3				3	3				3	3				3	3				3	3				3	3				
Routine Water Quality Monitoring																																						
<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	*					*				*																										

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		*	*																																		

Water Column Profiling			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																						
	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	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