

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	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	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	J	F	M	A	M	J	J	A	S	O	N	D						
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						
<b>Tissue/Whole Body Sampling</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						
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	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				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						
Reference North	TNA 1-5	4 times per year	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						
Reference South	TSA 1-5	4 times per year	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						
<b>Capping</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						
<i>Ebb Tide</i>																																						
Impact Station Downcurrent	IPE1	4 times per year	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						
	IPE3	4 times per year	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						
	PFC1	4 times per year	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						
	INE2	4 times per year	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						
	INE4	4 times per year	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						
Reference Station Upcurrent	RFE1	4 times per year	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						
	RFE3	4 times per year	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						
	RFE5	4 times per year	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						
	PFC2	4 times per year	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						
Intermediate Station Downcurrent	IPF1	4 times per year	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						
	IPF3	4 times per year	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						
	RFF2	4 times per year	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						
<b>Routine Water Quality Monitoring</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						
<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		*	*																																		
			*	*																																		
<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