

			2009					2010					2011					2012																										
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	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	J	A	S	O	N	D	J	F	M	A	M	J	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	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J						
Near-Field Stations	TCA	2 times per year	3				3						3			3			3					3					3					3					3					3
	TCB	2 times per year	3				3						3			3			3					3					3					3					3					
Reference Stations	TRA	2 times per year	3				3						3			3			3					3					3					3					3					
	TRB	2 times per year	3				3						3			3			3					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	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	J	A	S	O	N	D	J	F	M	A	M	J	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					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		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		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		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		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		5	5					5	5				
Capping			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	J	F	M	A	M	J						
Ebb Tide			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	J	F	M	A	M	J						
Impact Station Downcurrent	IPE1	4 times per year	3				3	3					3	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		3	3					3	3				
	IPE3	4 times per year	3				3	3					3	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		3	3					3	3				
	PFC1	4 times per year	3				3	3					3	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		3	3					3	3				
	INE2	4 times per year	3				3	3					3	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		3	3					3	3				
	INE4	4 times per year	3				3	3					3	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		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		3	3					3	3				
	RFE2	4 times per year	3				3	3					3	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		3	3					3	3				
	RFE4	4 times per year	3				3	3					3	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		3	3					3	3				
Flood Tide			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	J	F	M	A	M	J						
Impact Station Downcurrent	INF1	4 times per year	3				3	3					3	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		3	3					3	3				
	INF3	4 times per year	3				3	3					3	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		3	3					3	3				
	IPF2	4 times per year	3				3	3					3	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		3	3					3	3				
Reference Station Upcurrent	RFF1	4 times per year	3																																									

		2009				2010												2011					2012																	
Baseline Water Quality Monitoring		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	J	F	M	A	M	J	A		
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	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	J	A	S	O	N	D	J	F	M	A	M	J	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