

### Water Quality Monitoring Results at C1 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)			Suspended Solids (mg/L)			
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*	
24-Dec-07	Fine	Moderate	14:30	Surface	1	22.7 22.7	22.7	32.2 32.1	32.2	107.1 106.7	106.9	7.5 7.5	7.5	7.4	7.1 7.1	7.1	7.6	16 16	16.0	22.8
				Middle	6	22.6 22.6	22.6	32.2 32.2	32.2	101.4 102.0	101.7	7.1 7.2	7.2		7.5 7.6	7.6		24 24	24.0	
				Bottom	11	22.6 22.6	22.6	32.2 32.2	32.2	94.9 94.8	94.9	6.7 6.7	6.7		8.0 8.0	8.0		29 28	28.5	
27-Dec-07	Fine	Moderate	17:11	Surface	1	24.6 24.6	24.6	30.6 30.6	30.6	97.5 97.2	97.4	6.8 6.7	6.8	6.5	5.3 5.4	5.4	6.0	18 18	18.0	19.7
				Middle	5.5	24.5 24.5	24.5	32.3 32.3	32.3	90.5 90.5	90.5	6.2 6.2	6.2		6.7 6.5	6.6		21 21	21.0	
				Bottom	10	24.5 24.5	24.5	32.3 32.3	32.3	86.4 86.3	86.4	6.0 5.9	6.0		6.1 5.9	6.0		20 20	20.0	
28-Dec-07	Sunny	Moderate	16:19	Surface	1	20.2 20.2	20.2	33.3 33.3	33.3	109.0 108.8	108.9	7.4 7.4	7.4	7.3	9.1 8.9	9.0	9.3	26 26	26.0	27.0
				Middle	6	20.1 20.1	20.1	33.3 33.3	33.3	104.0 104.3	104.2	7.1 7.1	7.1		9.2 9.2	9.2		26 26	26.0	
				Bottom	11	20.0 20.0	20.0	33.3 33.3	33.3	100.3 99.9	100.1	6.8 6.8	6.8		9.7 9.5	9.6		29 29	29.0	
31-Dec-07	Sunny	Moderate	17:41	Surface	1	18.9 18.9	18.9	33.0 33.1	33.1	107.8 107.6	107.7	7.2 7.2	7.2	7.1	8.8 8.6	8.7	9.0	9 9	9.0	8.5
				Middle	6	18.9 18.9	18.9	33.1 33.1	33.1	102.3 102.6	102.5	6.8 6.9	6.9		8.9 8.9	8.9		11 10	10.5	
				Bottom	11	18.8 18.8	18.8	33.1 33.1	33.1	98.2 97.7	98.0	6.6 6.6	6.6		9.4 9.2	9.3		6 6	6.0	
2-Jan-08	Sunny	Moderate	08:41	Surface	1	16.5 16.5	16.5	32.9 32.9	32.9	106.9 106.7	106.8	7.0 7.0	7.0	6.9	7.9 7.7	7.8	8.1	12 12	12.0	21.5
				Middle	6	16.5 16.5	16.5	32.9 32.9	32.9	101.3 101.7	101.5	6.7 6.7	6.7		8.0 8.0	8.0		14 14	14.0	
				Bottom	11	16.5 16.5	16.5	32.9 32.9	32.9	96.2 95.6	95.9	6.4 6.3	6.4		8.5 8.3	8.4		39 38	38.5	
4-Jan-08	Sunny	Moderate	12:11	Surface	1	16.5 16.5	16.5	33.4 33.4	33.4	109.7 109.5	109.6	7.3 7.3	7.3	7.2	7.0 6.8	6.9	7.2	8 8	8.0	12.0
				Middle	6	16.5 16.5	16.5	33.4 33.4	33.4	105.0 105.2	105.1	7.0 7.0	7.0		7.1 7.1	7.1		13 13	13.0	
				Bottom	11	16.5 16.5	16.5	33.4 33.4	33.4	100.7 100.2	100.5	6.8 6.7	6.8		7.6 7.4	7.5		15 15	15.0	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

### Water Quality Monitoring Results at C1 - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*	
24-Dec-07	Fine	Moderate	08:38	Surface	1	22.7 22.7	22.7	32.0 32.2	32.1	104.3 104.3	104.3	7.3 7.3	7.3	7.2	8.3 8.3	8.3	10.0	19 19	19.0	23.0
				Middle	6	22.6 22.6	22.6	32.2 32.2	32.2	99.6 99.7	99.7	7.0 7.0	7.0		10.1 10.1	10.1		24 24	24.0	
				Bottom	11	22.5 22.5	22.5	32.2 32.2	32.2	100.8 100.5	100.7	7.1 7.1	7.1		11.7 11.4	11.6		26 26	26.0	
27-Dec-07	Fine	Moderate	11:31	Surface	1	24.6 24.6	24.6	30.6 30.6	30.6	96.1 96.0	96.1	6.7 6.7	6.7	6.5	4.1 4.0	4.1	5.6	15 15	15.0	15.7
				Middle	6	24.4 24.4	24.4	32.3 32.3	32.3	89.6 89.4	89.5	6.2 6.2	6.2		5.8 5.9	5.9		16 16	16.0	
				Bottom	11	24.4 24.4	24.4	32.3 32.3	32.3	89.3 89.1	89.2	6.2 6.1	6.2		6.7 6.6	6.7		16 16	16.0	
28-Dec-07	Sunny	Moderate	11:20	Surface	1	19.3 19.3	19.3	33.2 33.3	33.3	109.4 109.1	109.3	7.4 7.4	7.4	7.2	10.4 10.6	10.5	10.7	29 29	29.0	26.2
				Middle	6	19.3 19.3	19.3	33.3 33.3	33.3	103.6 103.6	103.6	7.0 7.0	7.0		10.8 10.8	10.8		26 26	26.0	
				Bottom	11	19.3 19.3	19.3	33.3 33.3	33.3	102.2 102.1	102.2	7.0 7.0	7.0		10.9 10.8	10.9		23 24	23.5	
31-Dec-07	Sunny	Moderate	12:42	Surface	1	18.0 18.0	18.0	33.0 33.1	33.1	108.3 107.9	108.1	7.2 7.2	7.2	7.0	10.1 10.3	10.2	10.4	16 16	16.0	12.5
				Middle	6	18.0 18.0	18.0	33.1 33.1	33.1	102.1 102.1	102.1	6.8 6.8	6.8		10.5 10.5	10.5		15 15	15.0	
				Bottom	11	18.0 18.0	18.0	33.1 33.1	33.1	99.9 99.8	99.9	6.7 6.7	6.7		10.6 10.5	10.6		6 7	6.5	
2-Jan-08	Sunny	Moderate	14:11	Surface	1	17.4 17.4	17.4	32.8 32.9	32.9	107.4 107.0	107.2	7.1 7.0	7.1	6.9	9.2 9.4	9.3	9.5	10 9	9.5	16.5
				Middle	6	17.3 17.3	17.3	32.9 32.9	32.9	101.1 101.1	101.1	6.7 6.7	6.7		9.6 9.6	9.6		25 24	24.5	
				Bottom	11	17.2 17.2	17.2	32.9 32.9	32.9	98.8 98.7	98.8	6.6 6.5	6.6		9.7 9.6	9.7		16 15	15.5	
4-Jan-08	Sunny	Moderate	16:41	Surface	1	17.4 17.4	17.4	33.3 33.4	33.4	110.0 109.7	109.9	7.3 7.3	7.3	7.2	8.3 8.5	8.4	8.6	10 10	10.0	16.2
				Middle	6	17.3 17.3	17.3	33.4 33.4	33.4	104.6 104.5	104.6	7.0 7.0	7.0		8.7 8.7	8.7		18 18	18.0	
				Bottom	11	17.2 17.2	17.2	33.4 33.4	33.4	102.5 102.4	102.5	6.9 6.9	6.9		8.8 8.7	8.8		21 20	20.5	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

### Water Quality Monitoring Results at C2 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*	
24-Dec-07	Fine	Moderate	14:02	Surface	1	22.7 22.7	22.7	31.4 31.9	31.7	109.6 109.6	109.6	7.7 7.7	7.7	7.4	8.5 8.7	8.6	10.6	18 18	18.0	22.0
				Middle	5.5	22.6 22.6	22.6	32.2 32.2	32.2	101.9 101.3	101.6	7.1 7.1	7.1		10.5 10.8	10.7		24 24	24.0	
				Bottom	10	22.6 22.6	22.6	32.2 32.2	32.2	97.9 98.6	98.3	6.9 6.9	6.9		12.6 12.4	12.5		24 24	24.0	
27-Dec-07	Fine	Moderate	16:44	Surface	1	24.9 24.9	24.9	30.5 30.8	30.7	96.0 95.9	96.0	6.6 6.6	6.6	6.5	3.7 3.5	3.6	3.9	10 10	10.0	13.7
				Middle	6	24.6 24.6	24.6	31.2 31.2	31.2	91.7 91.1	91.4	6.3 6.3	6.3		3.6 3.7	3.7		17 17	17.0	
				Bottom	11	24.7 24.7	24.7	30.6 30.6	30.6	93.2 93.5	93.4	6.5 6.5	6.5		4.3 4.4	4.4		14 14	14.0	
28-Dec-07	Sunny	Moderate	16:00	Surface	1	20.1 20.1	20.1	32.7 33.2	33.0	110.0 109.9	110.0	7.5 7.4	7.5	7.3	9.8 9.7	9.8	11.5	24 24	24.0	25.3
				Middle	6	20.0 20.0	20.0	33.3 33.3	33.3	104.3 104.1	104.2	7.1 7.1	7.1		11.8 11.9	11.9		25 26	25.5	
				Bottom	11	20.0 20.0	20.0	33.4 33.3	33.4	102.0 102.5	102.3	6.9 7.0	7.0		12.9 12.9	12.9		27 26	26.5	
31-Dec-07	Sunny	Moderate	17:22	Surface	1	18.9 18.9	18.9	32.5 32.9	32.7	108.4 108.3	108.4	7.3 7.2	7.3	7.1	9.5 9.4	9.5	11.2	21 21	21.0	24.7
				Middle	6	18.8 18.8	18.8	33.1 33.1	33.1	102.5 102.4	102.5	6.9 6.9	6.9		11.5 11.6	11.6		26 26	26.0	
				Bottom	11	18.7 18.7	18.7	33.1 33.1	33.1	100.1 100.6	100.4	6.7 6.8	6.8		12.6 12.6	12.6		27 27	27.0	
2-Jan-08	Sunny	Moderate	08:23	Surface	1	16.4 16.5	16.5	32.2 32.7	32.5	107.3 107.2	107.3	7.1 7.1	7.1	6.9	8.6 8.5	8.6	10.3	19 18	18.5	13.8
				Middle	6	16.5 16.5	16.5	32.9 32.9	32.9	101.1 101.0	101.1	6.7 6.7	6.7		10.6 10.7	10.7		11 10	10.5	
				Bottom	11	16.5 16.5	16.5	33.0 32.9	33.0	98.8 99.4	99.1	6.5 6.6	6.6		11.7 11.7	11.7		13 12	12.5	
4-Jan-08	Sunny	Moderate	11:53	Surface	1	16.5 16.5	16.5	32.9 33.2	33.1	110.9 110.8	110.9	7.4 7.4	7.4	7.2	7.7 7.6	7.7	9.4	4 4	4.0	6.7
				Middle	6	16.5 16.5	16.5	33.4 33.4	33.4	104.8 104.7	104.8	7.0 7.0	7.0		9.7 9.8	9.8		6 6	6.0	
				Bottom	11	16.5 16.5	16.5	33.4 33.4	33.4	102.7 103.1	102.9	6.9 6.9	6.9		10.8 10.8	10.8		10 10	10.0	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

### Water Quality Monitoring Results at C2 - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*	
24-Dec-07	Fine	Moderate	08:05	Surface	1	22.7 22.7	22.7	32.1 32.1	32.1	103.4 103.5	103.5	7.2 7.2	7.2	7.2	8.4 8.4	8.4	11.1	25 25	25.0	25.0
				Middle	6	22.5 22.5	22.5	32.0 32.0	32.0	101.6 101.7	101.7	7.1 7.1	7.1		11.7 11.8	11.8		26 26	26.0	
				Bottom	11	22.5 22.5	22.5	32.2 32.0	32.1	99.1 99.6	99.4	7.0 7.0	7.0		13.0 13.0	13.0		24 24	24.0	
27-Dec-07	Fine	Moderate	11:08	Surface	1	24.5 24.6	24.6	30.6 30.6	30.6	95.4 95.3	95.4	6.6 6.6	6.6	6.5	4.6 4.9	4.8	6.0	21 21	21.0	15.0
				Middle	6.5	24.4 24.4	24.4	32.2 32.3	32.3	92.2 91.9	92.1	6.4 6.3	6.4		6.2 6.4	6.3		12 13	12.5	
				Bottom	12	24.3 24.3	24.3	33.0 33.0	33.0	89.9 90.1	90.0	6.2 6.2	6.2		6.8 6.8	6.8		11 12	11.5	
28-Dec-07	Sunny	Moderate	11:01	Surface	1	19.3 19.3	19.3	33.1 33.3	33.2	108.9 108.8	108.9	7.4 7.4	7.4	7.3	10.8 11.1	11.0	12.1	26 25	25.5	25.7
				Middle	6.5	19.3 19.3	19.3	33.2 33.2	33.2	104.8 104.9	104.9	7.1 7.1	7.1		12.1 12.8	12.5		23 24	23.5	
				Bottom	12	19.3 19.3	19.3	33.3 33.2	33.3	102.3 102.8	102.6	7.0 7.0	7.0		13.1 12.7	12.9		28 28	28.0	
31-Dec-07	Sunny	Moderate	12:23	Surface	1	18.0 18.0	18.0	32.8 33.0	32.9	107.8 107.7	107.8	7.2 7.2	7.2	7.1	10.5 10.8	10.7	11.8	19 20	19.5	15.5
				Middle	6.5	18.0 18.0	18.0	33.0 33.0	33.0	103.3 103.4	103.4	6.9 6.9	6.9		11.8 12.5	12.2		21 21	21.0	
				Bottom	12	18.0 18.0	18.0	33.1 33.0	33.1	100.7 101.3	101.0	6.8 6.8	6.8		12.8 12.4	12.6		6 6	6.0	
2-Jan-08	Sunny	Moderate	13:52	Surface	1	17.3 17.3	17.3	32.7 32.9	32.8	106.8 106.7	106.8	7.0 7.0	7.0	6.9	9.6 9.9	9.8	10.9	13 12	12.5	14.8
				Middle	6.5	17.2 17.2	17.2	32.8 32.8	32.8	102.4 102.6	102.5	6.8 6.8	6.8		10.9 11.6	11.3		19 18	18.5	
				Bottom	12	17.2 17.2	17.2	33.0 32.8	32.9	99.8 100.4	100.1	6.6 6.6	6.6		11.9 11.5	11.7		14 13	13.5	
4-Jan-08	Sunny	Moderate	16:23	Surface	1	17.4 17.4	17.4	33.2 33.4	33.3	109.6 109.5	109.6	7.3 7.3	7.3	7.2	8.7 9.0	8.9	10.0	8 8	8.0	9.7
				Middle	6.5	17.2 17.2	17.2	33.3 33.3	33.3	105.6 105.7	105.7	7.1 7.1	7.1		10.0 10.7	10.4		11 11	11.0	
				Bottom	12	17.2 17.2	17.2	33.4 33.3	33.4	103.2 103.6	103.4	6.9 6.9	6.9		11.0 10.6	10.8		10 10	10.0	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

### Water Quality Monitoring Results at C3 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)			Suspended Solids (mg/L)						
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*				
24-Dec-07	Fine	Moderate	13:49	Surface	1	22.7 22.7	22.7	32.0 31.9	32.0	104.0 104.0	104.0	7.3 7.3	7.3	7.3	10.3 10.4	10.4	11.5	21 20	20.5	23.8			
				Middle	-	- -	-	- -	-	- -	-	- -	-		- -	-		- -	-		-	- -	-
				Bottom	3	22.4 22.4	22.4	32.2 32.2	32.2	98.9 99.0	99.0	6.9 6.9	6.9		6.9	12.9 12.3		12.6	27 27		27.0		
27-Dec-07	Fine	Moderate	16:30	Surface	1	24.9 24.9	24.9	31.0 30.9	31.0	92.6 92.4	92.5	6.4 6.4	6.4	6.4	4.4 4.3	4.4	4.4	18 18	18.0	17.0			
				Middle	-	- -	-	- -	-	- -	-	- -	-		- -	-		- -	-		-		
				Bottom	4	24.8 24.8	24.8	31.5 31.5	31.5	88.4 88.2	88.3	6.1 6.1	6.1		6.1	4.2 4.4		4.3	16 16		16.0		
28-Dec-07	Sunny	Moderate	15:50	Surface	1	20.0 20.0	20.0	33.2 33.2	33.2	109.4 109.2	109.3	7.4 7.4	7.4	7.4	11.3 10.9	11.1	12.0	23 23	23.0	22.5			
				Middle	-	- -	-	- -	-	- -	-	- -	-		- -	-		- -	-				
				Bottom	3	19.8 19.8	19.8	33.3 33.3	33.3	101.1 101.0	101.1	6.9 6.9	6.9		6.9	13.0 12.7		12.9	22 22		22.0		
31-Dec-07	Sunny	Moderate	17:12	Surface	1	18.8 18.8	18.8	32.9 32.9	32.9	107.8 107.7	107.8	7.2 7.2	7.2	7.2	11.0 10.6	10.8	11.7	9 9	9.0	13.0			
				Middle	-	- -	-	- -	-	- -	-	- -	-		- -	-		- -	-				
				Bottom	3	18.5 18.6	18.6	33.1 33.1	33.1	98.3 98.2	98.3	6.6 6.6	6.6		6.6	12.7 12.4		12.6	17 17		17.0		
2-Jan-08	Sunny	Moderate	08:12	Surface	1	16.5 16.5	16.5	32.8 32.7	32.8	106.8 106.7	106.8	7.0 7.0	7.0	7.0	10.1 9.7	9.9	10.8	26 26	26.0	31.3			
				Middle	-	- -	-	- -	-	- -	-	- -	-		- -	-		- -	-				
				Bottom	3	16.3 16.3	16.3	32.9 32.9	32.9	96.2 96.1	96.2	6.4 6.4	6.4		6.4	11.8 11.5		11.7	37 36		36.5		
4-Jan-08	Sunny	Moderate	11:43	Surface	1	16.6 16.6	16.6	33.3 33.3	33.3	110.4 110.2	110.3	7.4 7.4	7.4	7.4	9.2 8.8	9.0	9.9	12 12	12.0	9.0			
				Middle	-	- -	-	- -	-	- -	-	- -	-		- -	-		- -	-				
				Bottom	3	16.4 16.3	16.4	33.4 33.4	33.4	101.6 101.5	101.6	6.8 6.8	6.8		6.8	10.9 10.6		10.8	6 6		6.0		

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

### Water Quality Monitoring Results at C3 - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)					
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*				
24-Dec-07	Fine	Moderate	07:48	Surface	1	22.6 22.6	22.6	31.9 31.9	31.9	104.6 104.7	104.7	7.3 7.3	7.3	7.3	9.0 8.8	8.9	11.0	20 20	20.0	21.5			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	-
				Bottom	4	22.4 22.4	22.4	32.2 32.2	32.2	99.1 99.4	99.3	6.9 7.0	7.0		6.9 7.0	7.0		13.0 13.0	13.0		23 23	23.0	
27-Dec-07	Fine	Moderate	10:53	Surface	1	24.8 24.8	24.8	30.3 30.3	30.3	95.5 95.5	95.5	6.6 6.6	6.6	6.6	4.2 4.3	4.3	4.8	14 14	14.0	14.5			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	
				Bottom	4	24.7 24.7	24.7	30.8 30.8	30.8	91.2 91.3	91.3	6.3 6.3	6.3		6.3 6.3	6.3		5.1 5.2	5.2		15 15	15.0	
28-Dec-07	Sunny	Moderate	10:51	Surface	1	19.3 19.3	19.3	33.2 33.1	33.2	108.8 108.8	108.8	7.4 7.4	7.4	7.4	12.4 12.4	12.4	13.4	30 28	29.0	28.5			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	
				Bottom	4	19.1 19.1	19.1	33.3 33.3	33.3	101.0 101.1	101.1	6.9 6.9	6.9		6.9 6.9	6.9		14.5 14.1	14.3		28 28	28.0	
31-Dec-07	Sunny	Moderate	12:13	Surface	1	18.1 18.1	18.1	32.9 32.9	32.9	107.5 107.5	107.5	7.2 7.2	7.2	7.2	12.1 12.1	12.1	13.1	3 3	3.0	9.0			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	
				Bottom	4	17.8 17.8	17.8	33.1 33.1	33.1	98.4 98.5	98.5	6.6 6.6	6.6		6.6 6.6	6.6		14.2 13.8	14.0		15 15	15.0	
2-Jan-08	Sunny	Moderate	13:42	Surface	1	17.2 17.2	17.2	32.7 32.7	32.7	106.8 106.8	106.8	7.0 7.0	7.0	7.0	11.2 11.2	11.2	12.2	26 26	26.0	19.8			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	
				Bottom	4	17.0 17.0	17.0	32.9 32.9	32.9	96.7 96.9	96.8	6.4 6.4	6.4		6.4 6.4	6.4		13.3 12.9	13.1		14 13	13.5	
4-Jan-08	Sunny	Moderate	16:13	Surface	1	17.3 17.3	17.3	33.2 33.2	33.2	109.7 109.7	109.7	7.3 7.3	7.3	7.3	10.3 10.3	10.3	11.3	9 10	9.5	8.8			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	
				Bottom	4	17.0 17.0	17.0	33.4 33.4	33.4	101.5 101.6	101.6	6.8 6.8	6.8		6.8 6.8	6.8		12.4 12.0	12.2		8 8	8.0	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

### Water Quality Monitoring Results at SR1 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)			Suspended Solids (mg/L)						
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*				
24-Dec-07	Fine	Moderate	13:02	Surface	1	22.4 22.4	22.4	31.8 31.8	31.8	105.5 105.5	105.5	7.4 7.4	7.4	7.4	6.3 6.3	6.3	7.5	24 24	24.0	20.0			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	-
				Bottom	4	22.2 22.2	22.2	32.2 32.2	32.2	99.6 99.1	99.4	7.0 7.0	7.0		7.0	8.6 8.8		8.7	16 16		16.0		
27-Dec-07	Fine	Moderate	15:43	Surface	1	24.6 24.6	24.6	30.4 30.4	30.4	96.9 96.9	96.9	6.7 6.7	6.7	6.7	4.2 4.4	4.3	4.3	13 14	13.5	15.8			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	
				Bottom	3	24.3 24.3	24.3	32.2 32.2	32.2	87.1 86.4	86.8	6.0 6.0	6.0		6.0	4.4 4.2		4.3	18 18		18.0		
28-Dec-07	Sunny	Moderate	15:16	Surface	1	20.0 20.0	20.0	32.9 32.9	32.9	107.6 107.6	107.6	7.3 7.3	7.3	7.3	9.7 9.8	9.8	10.2	23 24	23.5	24.8			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-		
				Bottom	3	19.8 19.8	19.8	33.3 33.3	33.3	100.1 99.7	99.9	6.8 6.8	6.8		6.8	10.5 10.4		10.5	26 26		26.0		
31-Dec-07	Sunny	Moderate	16:38	Surface	1	18.8 18.8	18.8	32.7 32.7	32.7	107.2 107.2	107.2	7.2 7.2	7.2	7.2	9.4 9.5	9.5	9.9	5 5	5.0	13.0			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-				
				Bottom	3	18.5 18.5	18.5	33.1 33.1	33.1	98.3 97.9	98.1	6.6 6.6	6.6		6.6	10.2 10.1		10.2	21 21		21.0		
2-Jan-08	Sunny	Moderate	07:39	Surface	1	16.5 16.5	16.5	32.5 32.5	32.5	106.9 107.0	107.0	7.0 7.0	7.0	7.0	8.5 8.6	8.6	9.0	24 24	24.0	15.5			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-					
				Bottom	3	16.2 16.3	16.3	33.0 33.0	33.0	96.8 96.5	96.7	6.4 6.4	6.4		6.4	9.3 9.2		9.3	7 7		7.0		
4-Jan-08	Sunny	Moderate	11:09	Surface	1	16.6 16.6	16.6	33.0 33.0	33.0	108.4 108.4	108.4	7.3 7.2	7.3	7.3	7.6 7.7	7.7	8.1	9 9	9.0	7.8			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-					
				Bottom	3	16.3 16.4	16.4	33.4 33.4	33.4	100.0 99.7	99.9	6.7 6.7	6.7		6.7	8.4 8.3		8.4	6 7		6.5		

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

### Water Quality Monitoring Results at SR1 - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)					
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*				
24-Dec-07	Fine	Moderate	07:17	Surface	1	22.4 22.4	22.4	31.9 31.9	31.9	104.4 104.6	104.5	7.3 7.3	7.3	7.3	6.0 6.1	6.1	7.0	29 29	29.0	26.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	4	22.1 22.2	22.2	32.2 32.2	32.2	96.9 96.5	96.7	6.8 6.8	6.8		6.8	6.8		7.9 7.9	7.9		24 23	23.5	
27-Dec-07	Fine	Moderate	10:17	Surface	1	25.0 25.0	25.0	29.9 29.9	29.9	96.8 96.9	96.9	6.7 6.7	6.7	6.7	3.9 3.9	3.9	4.3	28 28	28.0	26.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	24.7 24.7	24.7	32.7 32.7	32.7	90.8 90.0	90.4	6.2 6.1	6.2		6.2	6.2		4.7 4.6	4.7		24 24	24.0	
28-Dec-07	Sunny	Moderate	10:17	Surface	1	19.3 19.3	19.3	33.0 33.0	33.0	107.6 107.5	107.6	7.3 7.3	7.3	7.3	9.9 10.0	10.0	11.3	26 26	26.0	25.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	19.0 19.1	19.1	33.3 33.3	33.3	98.6 98.3	98.5	6.8 6.7	6.8		6.8	6.8		12.7 12.4	12.6		25 25	25.0	
31-Dec-07	Sunny	Moderate	11:40	Surface	1	18.1 18.0	18.1	32.7 32.7	32.7	107.2 107.2	107.2	7.2 7.2	7.2	7.2	9.6 9.7	9.7	11.0	5 6	5.5	11.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	17.8 17.9	17.9	33.1 33.1	33.1	96.7 96.4	96.6	6.5 6.5	6.5		6.5	6.5		12.4 12.1	12.3		17 17	17.0	
2-Jan-08	Sunny	Moderate	13:08	Surface	1	17.2 17.2	17.2	32.6 32.6	32.6	107.0 107.0	107.0	7.1 7.0	7.1	7.1	8.7 8.8	8.8	10.1	28 27	27.5	16.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	16.9 17.0	17.0	33.0 33.0	33.0	94.8 94.5	94.7	6.3 6.3	6.3		6.3	6.3		11.5 11.2	11.4		5 5	5.0	
4-Jan-08	Sunny	Moderate	15:39	Surface	1	17.2 17.2	17.2	33.1 33.1	33.1	108.4 108.3	108.4	7.3 7.2	7.3	7.3	7.8 7.9	7.9	9.2	12 12	12.0	12.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	17.0 17.0	17.0	33.4 33.4	33.4	98.3 98.0	98.2	6.6 6.6	6.6		6.6	6.6		10.6 10.3	10.5		12 12	12.0	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

### Water Quality Monitoring Results at SR2 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)			Suspended Solids (mg/L)				
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*		
24-Dec-07	Fine	Moderate	13:34	Surface	-	-	-	-	-	-	-	-	-	7.3	-	-	9.1	-	-	20.5	
				Middle	0.9	22.6	22.6	30.6	30.8	103.1	103.1	7.3	7.3		9.1	9.1		21	20		20.5
				Bottom	-	-	-	-	-	-	-	-	-		-	-		-	-		-
27-Dec-07	Fine	Moderate	16:20	Surface	-	-	-	-	-	-	-	-	6.5	-	-	4.7	-	-	11.0		
				Middle	1	24.9	24.9	29.8	29.9	94.0	94.0	6.5		6.5	4.8		4.7	11		11	11.0
				Bottom	-	-	-	-	-	-	-	-		-	-		-	-		-	
28-Dec-07	Sunny	Moderate	15:43	Surface	-	-	-	-	-	-	-	-	7.3	-	-	11.6	-	-	23.0		
				Middle	1	20.0	20.0	31.9	32.1	110.6	110.3	7.3		7.3	11.6		11.6	23		23	23.0
				Bottom	-	-	-	-	-	-	-	-		-	-		-	-		-	
31-Dec-07	Sunny	Moderate	17:05	Surface	-	-	-	-	-	-	-	-	7.0	-	-	11.3	-	-	9.0		
				Middle	1	18.8	18.8	31.6	31.7	108.8	108.6	7.0		7.0	11.3		11.3	9		9	9.0
				Bottom	-	-	-	-	-	-	-	-		-	-		-	-		-	
2-Jan-08	Sunny	Moderate	08:05	Surface	-	-	-	-	-	-	-	-	6.7	-	-	10.4	-	-	12.5		
				Middle	1	16.5	16.5	31.1	31.3	108.1	107.8	6.7		6.7	10.4		10.4	13		12	12.5
				Bottom	-	-	-	-	-	-	-	-		-	-		-	-		-	
4-Jan-08	Sunny	Moderate	11:36	Surface	-	-	-	-	-	-	-	-	7.2	-	-	9.5	-	-	8.0		
				Middle	1	16.6	16.6	32.0	32.1	111.9	111.6	7.2		7.2	9.5		9.5	8		8	8.0
				Bottom	-	-	-	-	-	-	-	-		-	-		-	-		-	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

### Water Quality Monitoring Results at SR2 - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)			
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
24-Dec-07	Fine	Moderate	07:38	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.1	22.6 22.6	22.6	32.2 32.2	32.2	100.8 100.9	100.9	7.1 7.1	7.1	7.1	7.1	10.7 10.6	10.7	10.7	19 19	19.0	19.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27-Dec-07	Fine	Moderate	10:46	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.3	24.8 24.8	24.8	30.4 30.4	30.4	93.9 93.9	93.9	6.5 6.5	6.5	6.5	4.1 4.2	4.2	4.2	10 11	10.5	10.5	
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28-Dec-07	Sunny	Moderate	10:44	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.3	19.3 19.3	19.3	32.7 32.8	32.8	110.5 110.4	110.5	7.3 7.3	7.3	7.3	13.3 13.1	13.2	13.2	24 25	24.5	24.5	
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31-Dec-07	Sunny	Moderate	12:06	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.4	18.1 18.1	18.1	32.3 32.5	32.4	109.3 109.0	109.2	7.0 7.0	7.0	7.0	13.0 12.8	12.9	12.9	9 9	9.0	9.0	
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Jan-08	Sunny	Moderate	13:35	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.3	17.2 17.2	17.2	32.2 32.3	32.3	108.8 108.5	108.7	6.8 6.7	6.8	6.8	12.1 11.9	12.0	12.0	11 10	10.5	10.5	
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Jan-08	Sunny	Moderate	16:06	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.3	17.2 17.2	17.2	32.9 32.9	32.9	112.2 112.0	112.1	7.2 7.1	7.2	7.2	11.2 11.0	11.1	11.1	8 9	8.5	8.5	
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

### Water Quality Monitoring Results at TO1 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)					
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*				
24-Dec-07	Fine	Moderate	14:14	Surface	1	22.6	22.6	32.1	31.8	108.5	108.4	7.6	7.6	7.4	8.1	8.2	9.8	26	26.0	22.7			
						22.6	22.6	31.4	32.2	108.3	102.1	7.6	7.2					8.2			26		
				Middle	6	22.6	22.6	32.2	32.2	102.0	102.1	7.2	7.2					9.1	9.0				23
				Bottom	11	22.6	22.6	32.2	32.2	96.4	96.5	6.8	6.8					12.3	12.2			19	19.0
						22.6		32.2		96.6		6.8						12.0				19	
27-Dec-07	Fine	Moderate	16:59	Surface	1	24.5	24.5	30.8	30.6	97.7	97.6	6.8	6.8	6.6	4.7	4.6	5.5	12	12.0	15.3			
						24.5	24.5	30.4	31.6	97.4	91.9	6.8	6.4					4.6			12		
				Middle	6.5	24.5	24.5	31.6	31.6	91.9	91.9	6.4	6.4					4.5	4.4				17
				Bottom	12	24.4	24.4	32.7	32.7	87.7	87.6	6.0	6.0					7.4	7.5			17	17.0
						24.4		32.7		87.4		6.0		6.0				7.6				17	
28-Dec-07	Sunny	Moderate	16:10	Surface	1	20.1	20.1	33.3	33.0	109.7	109.8	7.4	7.5	7.3	8.1	8.2	10.3	24	24.0	28.0			
						20.1	20.1	32.7	33.3	109.8	104.7	7.5	7.1					8.2			24		
				Middle	6.5	20.0	20.0	33.3	33.3	104.8	104.8	7.1	7.1					11.4	11.4				33
				Bottom	12	20.0	20.0	33.3	33.3	101.1	101.1	6.9	6.9					11.2	11.3			27	27.0
						20.0		33.3		101.1		6.9		6.9				11.4				27	
31-Dec-07	Sunny	Moderate	17:33	Surface	1	18.8	18.8	33.0	32.8	108.7	108.8	7.3	7.3	7.1	7.8	7.9	10.0	18	18.0	23.8			
						18.8	18.8	32.5	33.1	108.9	103.2	7.3	6.9					7.9			18		
				Middle	6.5	18.8	18.8	33.1	33.1	103.2	103.3	6.9	6.9					11.1	11.1				20
				Bottom	12	18.8	18.8	33.1	33.1	99.4	99.4	6.7	6.7					11.0	11.0			35	34.0
						18.8		33.1		99.4		6.7		6.7				11.1				33	
2-Jan-08	Sunny	Moderate	08:33	Surface	1	16.5	16.5	32.9	32.6	107.8	107.9	7.1	7.1	7.0	6.9	7.0	9.1	5	4.5	13.8			
						16.5	16.5	32.2	32.9	107.9	102.3	7.1	6.7					7.0			5		
				Middle	6.5	16.5	16.5	32.9	32.9	102.3	102.4	6.7	6.8					10.2	10.2				29
				Bottom	12	16.5	16.5	32.9	32.9	102.5	98.3	6.8	6.5					10.1	10.1			29	29.0
						16.5		32.9		98.3		6.5		6.5				10.0				8	8.0
						16.5		32.9		98.3		6.5		6.5				10.2				8	
4-Jan-08	Sunny	Moderate	12:03	Surface	1	16.6	16.6	33.3	33.1	110.2	110.2	7.4	7.4	7.3	6.0	6.1	8.2	7	7.0	9.0			
						16.6	16.6	32.8	33.4	110.2	105.4	7.4	7.0					6.1			7		
				Middle	6.5	16.5	16.5	33.4	33.4	105.4	105.5	7.0	7.1					9.3	9.3				13
				Bottom	12	16.5	16.5	33.4	33.4	105.5	102.1	7.1	6.8					9.2	9.2			13	13.0
						16.5		33.4		102.1		6.8		6.8				9.1				7	7.0
						16.5		33.4		102.1		6.8		6.8				9.3				7	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

### Water Quality Monitoring Results at TO1 - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*	
24-Dec-07	Fine	Moderate	08:23	Surface	1	22.5 22.5	22.5	32.0 32.0	32.0	103.8 103.6	103.7	7.3 7.2	7.3	7.2	7.0 7.0	7.0	9.8	17 17	17.0	19.5
				Middle	6	22.5 22.5	22.5	32.1 32.1	32.1	100.8 100.9	100.9	7.1 7.1	7.1		10.6 10.4	10.5		18 18	18.0	
				Bottom	11	22.5 22.5	22.5	32.2 32.2	32.2	96.6 96.5	96.6	6.8 6.8	6.8		11.7 12.0	11.9		23 24	23.5	
27-Dec-07	Fine	Moderate	11:19	Surface	1	24.4 24.4	24.4	30.7 30.7	30.7	95.4 95.1	95.3	6.6 6.6	6.6	6.5	3.5 3.2	3.4	3.7	19 19	19.0	20.8
				Middle	6.5	24.4 24.4	24.4	31.6 31.6	31.6	91.3 91.3	91.3	6.3 6.3	6.3		3.5 3.7	3.6		17 17	17.0	
				Bottom	12	24.3 24.3	24.3	32.7 32.7	32.7	87.8 87.4	87.6	6.0 6.0	6.0		4.2 4.2	4.2		27 26	26.5	
28-Dec-07	Sunny	Moderate	11:11	Surface	1	19.3 19.3	19.3	33.3 33.1	33.2	108.7 108.7	108.7	7.4 7.4	7.4	7.3	12.0 12.0	12.0	12.0	23 23	23.0	26.3
				Middle	7	19.3 19.3	19.3	33.3 33.3	33.3	104.2 104.3	104.3	7.1 7.1	7.1		11.8 11.7	11.8		28 28	28.0	
				Bottom	13	19.3 19.3	19.3	33.3 33.3	33.3	100.6 100.6	100.6	6.8 6.8	6.8		12.2 12.2	12.2		28 28	28.0	
31-Dec-07	Sunny	Moderate	12:34	Surface	1	18.0 18.0	18.0	33.1 32.8	33.0	108.0 108.0	108.0	7.2 7.2	7.2	7.1	11.7 11.7	11.7	11.7	3 3	3.0	5.0
				Middle	7	18.0 18.0	18.0	33.0 33.0	33.0	102.9 103.1	103.0	6.9 6.9	6.9		11.5 11.4	11.5		6 6	6.0	
				Bottom	13	18.0 18.0	18.0	33.1 33.1	33.1	99.0 98.9	99.0	6.6 6.6	6.6		11.9 11.9	11.9		6 6	6.0	
2-Jan-08	Sunny	Moderate	14:03	Surface	1	17.3 17.3	17.3	32.9 32.6	32.8	107.2 107.1	107.2	7.1 7.1	7.1	6.9	10.8 10.8	10.8	10.8	11 10	10.5	13.3
				Middle	6.5	17.2 17.2	17.2	32.9 32.9	32.9	101.9 102.1	102.0	6.7 6.7	6.7		10.6 10.5	10.6		8 7	7.5	
				Bottom	12	17.2 17.2	17.2	32.9 32.9	32.9	98.0 97.9	98.0	6.5 6.5	6.5		11.0 11.0	11.0		22 22	22.0	
4-Jan-08	Sunny	Moderate	16:33	Surface	1	17.3 17.3	17.3	33.4 33.2	33.3	109.1 109.1	109.1	7.3 7.3	7.3	7.2	9.9 9.9	9.9	9.9	9 9	9.0	12.0
				Middle	7	17.2 17.2	17.2	33.3 33.3	33.3	104.9 105.0	105.0	7.0 7.0	7.0		9.7 9.6	9.7		8 8	8.0	
				Bottom	13	17.2 17.2	17.2	33.4 33.4	33.4	101.6 101.5	101.6	6.8 6.8	6.8		10.1 10.1	10.1		19 19	19.0	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

### Water Quality Monitoring Results at TO2 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)			Suspended Solids (mg/L)						
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*				
24-Dec-07	Fine	Moderate	13:16	Surface	1	22.6 22.6	22.6	31.8 31.8	31.8	106.0 105.6	105.8	7.4 7.4	7.4	7.4	5.7 5.7	5.7	7.5	29 29	29.0	26.3			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	-
				Bottom	4	22.4 22.4	22.4	32.2 32.2	32.2	100.9 99.7	100.3	7.1 7.0	7.1		7.1	9.1 9.3		9.2	23 24		23.5		
27-Dec-07	Fine	Moderate	15:54	Surface	1	24.6 24.6	24.6	30.6 30.6	30.6	95.8 95.6	95.7	6.6 6.6	6.6	6.6	4.2 4.3	4.3	4.2	19 19	19.0	19.5			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	
				Bottom	3	24.5 24.5	24.5	31.0 31.0	31.0	92.0 91.3	91.7	6.4 6.3	6.4		6.4	3.8 4.1		4.0	20 20		20.0		
28-Dec-07	Sunny	Moderate	15:26	Surface	1	20.0 20.0	20.0	33.0 33.0	33.0	110.2 110.2	110.2	7.5 7.5	7.5	7.5	8.5 8.5	8.5	9.7	29 29	29.0	29.0			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-		
				Bottom	4	19.7 19.7	19.7	33.3 33.3	33.3	100.8 100.1	100.5	6.9 6.9	6.9		6.9	10.7 10.9		10.8	29 29		29.0		
31-Dec-07	Sunny	Moderate	16:48	Surface	1	18.8 18.8	18.8	32.7 32.7	32.7	108.3 108.4	108.4	7.2 7.3	7.3	7.3	8.2 8.2	8.2	9.4	10 10	10.0	15.5			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-				
				Bottom	4	18.4 18.4	18.4	33.0 33.0	33.0	97.8 97.1	97.5	6.6 6.6	6.6		6.6	10.4 10.6		10.5	21 21		21.0		
2-Jan-08	Sunny	Moderate	07:48	Surface	1	16.5 16.5	16.5	32.5 32.5	32.5	107.3 107.4	107.4	7.1 7.1	7.1	7.1	7.3 7.3	7.3	8.5	19 19	19.0	12.8			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-					
				Bottom	3	16.2 16.2	16.2	32.9 32.9	32.9	95.8 95.0	95.4	6.4 6.3	6.4		6.4	9.5 9.7		9.6	7 6		6.5		
4-Jan-08	Sunny	Moderate	11:19	Surface	1	16.6 16.6	16.6	33.0 33.0	33.0	111.3 111.3	111.3	7.4 7.4	7.4	7.4	6.4 6.4	6.4	7.6	12 12	12.0	10.5			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-					
				Bottom	4	16.3 16.3	16.3	33.3 33.3	33.3	100.8 100.2	100.5	6.8 6.8	6.8		6.8	8.6 8.8		8.7	9 9		9.0		

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

### Water Quality Monitoring Results at TO2 - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)					
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*				
24-Dec-07	Fine	Moderate	07:22	Surface	1	22.5 22.5	22.5	31.8 31.8	31.8	105.6 105.0	105.3	7.4 7.3	7.4	7.4	5.2 5.2	5.2	7.1	23 24	23.5	24.3			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	-
				Bottom	4	22.3 22.3	22.3	32.2 32.2	32.2	97.2 96.7	97.0	6.8 6.8	6.8		6.8	6.8		8.9 9.0	9.0		25 25	25.0	
27-Dec-07	Fine	Moderate	10:26	Surface	1	24.9 24.8	24.9	30.0 30.0	30.0	98.0 97.7	97.9	6.8 6.7	6.8	6.8	3.7 3.5	3.6	3.9	12 12	12.0	11.5			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	
				Bottom	4	24.7 24.7	24.7	31.2 31.2	31.2	89.6 88.9	89.3	6.2 6.1	6.2		6.2	6.2		4.2 4.1	4.2		11 11	11.0	
28-Dec-07	Sunny	Moderate	10:27	Surface	1	19.3 19.3	19.3	33.0 33.0	33.0	109.1 109.0	109.1	7.4 7.4	7.4	7.4	8.4 8.4	8.4	10.3	28 28	28.0	28.5			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	
				Bottom	4	19.0 19.0	19.0	33.3 33.3	33.3	100.0 99.4	99.7	6.8 6.8	6.8		6.8	6.8		12.0 12.3	12.2		29 29	29.0	
31-Dec-07	Sunny	Moderate	11:49	Surface	1	18.0 18.0	18.0	32.8 32.7	32.8	107.8 107.8	107.8	7.2 7.2	7.2	7.2	8.1 8.1	8.1	10.0	23 23	23.0	21.5			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	
				Bottom	4	17.8 17.8	17.8	33.0 33.1	33.1	97.2 96.6	96.9	6.6 6.5	6.6		6.6	6.6		11.7 12.0	11.9		20 20	20.0	
2-Jan-08	Sunny	Moderate	13:18	Surface	1	17.2 17.2	17.2	32.6 32.6	32.6	107.1 107.1	107.1	7.1 7.1	7.1	7.1	7.2 7.2	7.2	9.1	18 17	17.5	11.5			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	
				Bottom	4	16.9 16.8	16.9	32.9 32.9	32.9	95.0 94.5	94.8	6.3 6.3	6.3		6.3	6.3		10.8 11.1	11.0		6 5	5.5	
4-Jan-08	Sunny	Moderate	15:49	Surface	1	17.2 17.2	17.2	33.1 33.1	33.1	110.1 110.0	110.1	7.3 7.4	7.4	7.4	6.3 6.3	6.3	8.2	18 18	18.0	14.0			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	
				Bottom	4	16.9 16.9	16.9	33.3 33.3	33.3	99.8 99.3	99.6	6.7 6.7	6.7		6.7	6.7		9.9 10.2	10.1		10 10	10.0	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

### Water Quality Monitoring Results at TO3 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)		Turbidity(NTU)			Suspended Solids (mg/L)						
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*				
24-Dec-07	Fine	Moderate	13:26	Surface	1	22.6 22.6	22.6	31.9 32.0	32.0	107.2 107.0	107.1	7.5 7.5	7.5	7.5	7.3 7.3	7.3	8.2	20 20	20.0	19.0			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	-
				Bottom	3	22.3 22.3	22.3	32.2 32.2	32.2	99.9 99.7	99.8	7.0 7.0	7.0		7.0	9.1 8.9		9.0	18 18		18.0		
27-Dec-07	Fine	Moderate	16:06	Surface	1	25.0 25.0	25.0	31.4 31.4	31.4	96.6 96.2	96.4	6.6 6.6	6.6	6.6	3.9 4.1	4.0	4.3	16 16	16.0	15.5			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	
				Bottom	3	24.8 24.8	24.8	30.6 30.6	30.6	93.8 93.6	93.7	6.5 6.5	6.5		6.5	4.3 4.7		4.5	15 15		15.0		
28-Dec-07	Sunny	Moderate	15:33	Surface	1	20.0 20.0	20.0	32.8 32.8	32.8	109.6 109.6	109.6	7.5 7.5	7.5	7.5	10.4 10.8	10.6	11.0	23 23	23.0	27.5			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-		
				Bottom	3	19.8 19.9	19.9	33.3 33.3	33.3	102.3 102.3	102.3	7.0 7.0	7.0		7.0	11.3 11.2		11.3	32 32		32.0		
31-Dec-07	Sunny	Moderate	16:55	Surface	1	18.8 18.8	18.8	32.4 32.4	32.4	108.3 108.3	108.3	7.3 7.3	7.3	7.3	10.1 10.5	10.3	10.7	15 15	15.0	13.0			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-				
				Bottom	3	18.6 18.6	18.6	33.0 33.0	33.0	100.2 100.3	100.3	6.7 6.7	6.7		6.7	11.0 10.9		11.0	11 11		11.0		
2-Jan-08	Sunny	Moderate	07:56	Surface	1	16.5 16.5	16.5	32.3 32.4	32.4	107.6 107.6	107.6	7.1 7.1	7.1	7.1	9.2 9.6	9.4	9.8	18 18	18.0	17.0			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-					
				Bottom	2	16.3 16.2	16.3	32.9 32.9	32.9	98.9 99.0	99.0	6.5 6.6	6.6		6.6	10.1 10.0		10.1	16 16		16.0		
4-Jan-08	Sunny	Moderate	11:26	Surface	1	16.6 16.6	16.6	33.0 33.0	33.0	110.6 110.6	110.6	7.4 7.4	7.4	7.4	8.3 8.7	8.5	8.9	8 8	8.0	8.5			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-					
				Bottom	3	16.4 16.3	16.4	33.3 33.3	33.3	103.1 103.0	103.1	6.9 6.9	6.9		6.9	9.2 9.1		9.2	9 9		9.0		

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.

### Water Quality Monitoring Results at TO3 - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Temperature (°C)		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)					
						Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Average	DA*				
24-Dec-07	Fine	Moderate	07:31	Surface	1	22.5 22.5	22.5	30.6 30.8	30.7	104.6 104.6	104.6	7.4 7.4	7.4	7.4	7.5 7.7	7.6	8.8	22 22	22.0	20.0			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	-
				Bottom	3	22.2 22.2	22.2	32.1 32.1	32.1	98.5 98.7	98.6	6.9 6.9	6.9		6.9	6.9		9.9 9.9	9.9		18 18	18.0	
27-Dec-07	Fine	Moderate	10:36	Surface	1	24.9 24.9	24.9	29.5 29.6	29.6	96.4 96.4	96.4	6.7 6.7	6.7	6.7	3.2 3.1	3.2	3.9	14 13	13.5	14.3			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	
				Bottom	3	24.6 24.6	24.6	31.5 31.5	31.5	87.3 86.9	87.1	6.0 6.0	6.0		6.0	6.0		4.5 4.5	4.5		15 15	15.0	
28-Dec-07	Sunny	Moderate	10:34	Surface	1	19.3 19.3	19.3	32.2 32.3	32.3	109.2 109.1	109.2	7.4 7.4	7.4	7.4	10.2 10.3	10.3	11.5	26 26	26.0	25.0			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	
				Bottom	3	19.1 19.0	19.1	33.2 33.2	33.2	102.6 102.8	102.7	7.0 7.0	7.0		7.0	7.0		12.7 12.4	12.6		24 24	24.0	
31-Dec-07	Sunny	Moderate	11:57	Surface	1	18.0 18.0	18.0	31.9 32.0	32.0	108.2 108.1	108.2	7.3 7.3	7.3	7.3	9.9 10.0	10.0	11.2	8 8	8.0	7.0			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	
				Bottom	3	17.9 17.8	17.9	33.0 33.0	33.0	100.8 101.1	101.0	6.8 6.8	6.8		6.8	6.8		12.4 12.1	12.3		6 6	6.0	
2-Jan-08	Sunny	Moderate	13:25	Surface	1	17.2 17.2	17.2	31.6 31.7	31.7	107.6 107.5	107.6	7.1 7.1	7.1	7.1	9.0 9.1	9.1	10.3	27 27	27.0	19.0			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	
				Bottom	3	17.0 17.1	17.1	32.8 32.8	32.8	99.8 100.1	100.0	6.6 6.6	6.6		6.6	6.6		11.5 11.2	11.4		11 11	11.0	
4-Jan-08	Sunny	Moderate	15:56	Surface	1	17.2 17.2	17.2	32.3 32.4	32.4	110.0 109.9	110.0	7.4 7.4	7.4	7.4	8.1 8.2	8.2	9.4	12 12	12.0	12.0			
				Middle	-	- -	-	- -	-	-	- -	-	-		-	-		-	-		-	-	
				Bottom	3	17.1 17.1	17.1	33.3 33.3	33.3	103.6 103.7	103.7	7.0 7.0	7.0		7.0	7.0		10.6 10.3	10.5		12 12	12.0	

Remarks: \*DA: Depth-Averaged \*\*Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher.