

## 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*
2-Nov-07	Cloudy	Rough	10:02	Surface	1	24.3 24.3	24.3	33.3 33.3	33.3	78.5 78.2	78.4	5.4 5.4	5.4	5.4	16.5 16.1	16.3	16.9	20 20	20.0	17.5
				Middle	6	24.3 24.3	24.3	33.3 33.3	33.3	77.8 77.7	77.8	5.4 5.4	5.4		16.7 16.7	16.7		14 15	14.5	
				Bottom	11	24.3 24.3	24.3	33.4 33.4	33.4	77.2 76.9	77.1	5.3 5.3	5.3		17.8 17.4	17.6		18 18	18.0	
5-Nov-07	Cloudy	Moderate	10:32	Surface	1	23.7 23.7	23.7	31.8 32.1	32.0	99.2 98.8	99.0	7.0 7.0	7.0	6.8	15.0 14.5	14.8	15.4	48 48	48.0	34.8
				Middle	6	23.7 23.7	23.7	32.1 32.1	32.1	92.9 92.9	92.9	6.5 6.5	6.5		15.2 15.2	15.2		33 33	33.0	
				Bottom	11	23.7 23.7	23.7	32.1 32.1	32.1	97.2 97.1	97.2	6.9 6.8	6.9		16.3 15.8	16.1		23 24	23.5	
7-Nov-07	Cloudy	Moderate	11:48	Surface	1	22.7 22.7	22.7	32.6 32.7	32.7	106.8 106.4	106.6	6.6 6.6	6.6	6.4	16.5 16.1	16.3	16.9	26 26	26.0	23.2
				Middle	6	22.7 22.7	22.7	32.7 32.7	32.7	101.1 101.0	101.1	6.2 6.2	6.2		16.7 16.7	16.7		22 22	22.0	
				Bottom	11	22.7 22.7	22.7	32.7 32.7	32.7	97.4 97.3	97.4	6.1 6.1	6.1		17.8 17.4	17.6		21 22	21.5	
9-Nov-07	Sunny	Moderate	12:45	Surface	1	23.2 23.2	23.2	35.0 35.0	35.0	119.3 118.9	119.1	8.3 8.3	8.3	8.3	16.7 16.3	16.5	18.1	13 12	12.5	22.2
				Middle	6.5	23.1 23.1	23.1	35.0 35.0	35.0	117.1 116.9	117.0	8.2 8.2	8.2		17.8 18.3	18.1		27 28	27.5	
				Bottom	12	23.1 23.1	23.1	35.0 35.0	35.0	116.4 116.2	116.3	8.2 8.1	8.2		19.6 19.8	19.7		26 27	26.5	
12-Nov-07	Sunny	Moderate	14:41	Surface	1	23.4 23.4	23.4	34.7 34.8	34.8	122.8 122.2	122.5	8.5 8.5	8.5	8.3	15.6 16.3	16.0	23.2	26 26	26.0	18.5
				Middle	6.5	23.3 23.3	23.3	35.0 35.0	35.0	114.5 114.8	114.7	8.0 8.0	8.0		24.0 24.0	24.0		15 15	15.0	
				Bottom	12	23.3 23.3	23.3	35.0 35.0	35.0	112.2 111.8	112.0	7.9 7.8	7.9		29.9 29.3	29.6		14 15	14.5	
14-Nov-07	Sunny	Moderate	15:35	Surface	1	23.5 23.5	23.5	34.7 34.7	34.7	110.4 110.0	110.2	7.7 7.7	7.7	7.6	11.0 10.6	10.8	12.4	28 28	28.0	20.8
				Middle	6.5	23.3 23.3	23.3	34.7 34.7	34.7	105.9 105.7	105.8	7.4 7.4	7.4		12.1 12.5	12.3		16 16	16.0	
				Bottom	12	23.2 23.3	23.3	34.7 34.6	34.7	102.4 102.4	102.4	7.2 7.2	7.2		13.9 14.1	14.0		19 18	18.5	

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

### Water Quality Monitoring Results at 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*	Value	Average	DA*		
2-Nov-07	Cloudy	Rough	14:59	Surface	1	24.3 24.3	24.3	33.3 33.3	33.3	78.0 77.9	78.0	5.4 5.4	5.4	5.4	16.5 16.9	16.7	5.4	17.2	17.2	22 22	22.0	22.5
				Middle	6	24.4 24.4	24.4	33.4 33.3	33.4	77.7 77.7	77.7	5.4 5.4	5.4	5.4	17.4 17.4	17.4		17.2	27 26	26.5		
				Bottom	11	24.4 24.4	24.4	33.4 33.4	33.4	77.3 76.6	77.0	5.4 5.3	5.4	5.4	17.6 17.4	17.5		17.2	19 19	19.0		
5-Nov-07	Cloudy	Moderate	16:30	Surface	1	23.8 23.8	23.8	32.1 32.1	32.1	98.7 98.8	98.8	7.0 7.0	7.0	7.0	15.0 15.4	15.2	6.9	15.7	15.7	35 35	35.0	28.3
				Middle	6	23.8 23.8	23.8	32.1 32.1	32.1	94.2 95.3	94.8	6.6 6.7	6.7	6.7	15.8 15.8	15.8		15.7	26 26	26.0		
				Bottom	11	23.8 23.8	23.8	32.1 32.1	32.1	86.7 86.7	86.7	6.1 6.1	6.1	6.1	16.1 15.8	16.0		15.7	24 24	24.0		
7-Nov-07	Cloudy	Moderate	17:13	Surface	1	22.8 22.8	22.8	32.7 32.7	32.7	106.6 106.6	106.6	6.6 6.6	6.6	6.6	16.5 16.9	16.7	6.5	17.2	17.2	36 36	36.0	34.7
				Middle	6	22.8 22.8	22.8	32.7 32.7	32.7	101.4 101.8	101.6	6.3 6.3	6.3	6.3	17.4 17.4	17.4		17.2	45 45	45.0		
				Bottom	11	22.8 22.8	22.8	32.7 32.7	32.7	93.1 92.1	92.6	5.8 5.7	5.8	5.8	17.6 17.4	17.5		17.2	23 23	23.0		
9-Nov-07	Sunny	Moderate	18:08	Surface	1	23.3 23.3	23.3	35.0 35.0	35.0	118.9 118.7	118.8	8.3 8.3	8.3	8.3	22.0 22.7	22.4	8.2	29.6	29.6	32 33	32.5	27.7
				Middle	6.5	23.1 23.1	23.1	35.0 35.0	35.0	116.2 116.0	116.1	8.1 8.1	8.1	8.1	30.4 30.4	30.4		29.6	23 25	24.0		
				Bottom	12	23.0 23.0	23.0	35.0 35.0	35.0	114.6 114.5	114.6	8.0 8.0	8.0	8.0	36.3 35.6	36.0		29.6	28 25	26.5		
12-Nov-07	Sunny	Moderate	09:38	Surface	1	23.5 23.5	23.5	34.8 34.8	34.8	128.2 127.2	127.7	8.9 8.9	8.9	8.9	10.3 9.9	10.1	8.5	11.7	11.7	21 20	20.5	15.3
				Middle	6.5	23.2 23.2	23.2	35.0 35.0	35.0	114.2 113.5	113.9	8.0 7.9	8.0	8.0	11.4 11.9	11.7		11.7	16 16	16.0		
				Bottom	12	23.2 23.2	23.2	34.9 34.9	34.9	115.5 115.3	115.4	8.1 8.1	8.1	8.1	13.2 13.4	13.3		11.7	9 10	9.5		
14-Nov-07	Sunny	Moderate	11:18	Surface	1	23.3 23.4	23.4	34.7 34.7	34.7	108.3 108.2	108.3	7.6 7.6	7.6	7.6	16.3 16.9	16.6	7.5	23.8	23.8	19 19	19.0	24.3
				Middle	6.5	23.2 23.2	23.2	34.7 34.7	34.7	105.2 105.0	105.1	7.4 7.4	7.4	7.4	24.6 24.6	24.6		23.8	26 26	26.0		
				Bottom	12	23.2 23.2	23.2	34.6 34.6	34.6	100.6 100.4	100.5	7.1 7.1	7.1	7.1	30.6 29.9	30.3		23.8	28 28	28.0		

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-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*	
2-Nov-07	Cloudy	Rough	09:43	Surface	1	24.2 24.2	24.2	33.4 33.3	33.4	80.2 80.0	80.1	5.6 5.6	5.6	5.6	18.0 17.8	17.9	22.7	19 19	19.0	20.8
				Middle	6	24.2 24.2	24.2	33.4 33.4	33.4	79.2 78.9	79.1	5.5 5.5	5.5		23.8 24.0	23.9		24 24	24.0	
				Bottom	11	24.3 24.3	24.3	33.6 33.6	33.6	78.8 78.9	78.9	5.5 5.5	5.5		26.2 26.2	26.2		19 20	19.5	
5-Nov-07	Cloudy	Moderate	10:14	Surface	1	23.7 23.7	23.7	32.1 32.1	32.1	97.6 97.9	97.8	6.9 6.9	6.9	6.9	16.5 16.3	16.4	21.1	27 27	27.0	32.3
				Middle	6	23.7 23.7	23.7	31.7 31.8	31.8	95.7 96.1	95.9	6.8 6.8	6.8		22.2 22.4	22.3		34 34	34.0	
				Bottom	11	23.7 23.7	23.7	32.1 31.8	32.0	94.0 95.0	94.5	6.6 6.7	6.7		24.6 24.6	24.6		36 36	36.0	
7-Nov-07	Cloudy	Moderate	11:30	Surface	1	22.7 22.7	22.7	32.7 32.7	32.7	106.4 106.4	106.4	6.6 6.6	6.6	6.5	16.1 15.8	16.0	20.7	21 21	21.0	22.3
				Middle	6	22.7 22.7	22.7	32.6 32.6	32.6	102.5 102.7	102.6	6.4 6.4	6.4		21.8 22.0	21.9		21 21	21.0	
				Bottom	11	22.7 22.7	22.7	32.8 32.7	32.8	99.9 100.2	100.1	6.2 6.2	6.2		24.2 24.2	24.2		25 25	25.0	
9-Nov-07	Sunny	Moderate	12:15	Surface	1	23.3 23.3	23.3	35.0 35.0	35.0	122.9 122.7	122.8	8.6 8.6	8.6	8.4	20.9 21.3	21.1	27.7	11 10	10.5	23.3
				Middle	6.5	23.0 23.0	23.0	35.0 35.0	35.0	117.5 117.2	117.4	8.2 8.2	8.2		27.3 27.3	27.3		29 32	30.5	
				Bottom	12	23.0 23.0	23.0	35.0 35.0	35.0	115.6 115.4	115.5	8.1 8.1	8.1		34.8 34.5	34.7		28 30	29.0	
12-Nov-07	Sunny	Moderate	14:10	Surface	1	23.5 23.5	23.5	34.9 34.8	34.9	124.4 123.5	124.0	8.7 8.6	8.7	8.5	14.5 15.0	14.8	22.2	14 14	14.0	19.0
				Middle	6.5	23.2 23.2	23.2	34.9 34.9	34.9	119.4 118.1	118.8	8.3 8.3	8.3		24.2 24.2	24.2		20 20	20.0	
				Bottom	12	23.2 23.2	23.2	35.0 35.0	35.0	111.5 110.9	111.2	7.8 7.8	7.8		27.7 27.5	27.6		23 23	23.0	
14-Nov-07	Sunny	Moderate	15:05	Surface	1	23.5 23.5	23.5	34.7 34.7	34.7	112.0 111.4	111.7	7.8 7.8	7.8	7.7	15.2 15.6	15.4	22.0	24 24	24.0	26.8
				Middle	6	23.2 23.2	23.2	34.7 34.7	34.7	108.1 107.9	108.0	7.6 7.6	7.6		21.6 21.6	21.6		35 35	35.0	
				Bottom	11	23.2 23.2	23.2	34.6 34.7	34.7	102.7 102.5	102.6	7.2 7.2	7.2		29.0 28.8	28.9		21 22	21.5	

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-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*	
2-Nov-07	Cloudy	Rough	14:40	Surface	1	24.2 24.3	24.3	33.4 33.4	33.4	79.8 79.5	79.7	5.5 5.5	5.5	5.5	20.2 20.9	20.6	24.1	20 20	20.0	27.0
				Middle	6.5	24.3 24.4	24.4	33.5 33.5	33.5	78.6 78.7	78.7	5.4 5.4	5.4		24.6 26.2	25.4		33 33	33.0	
				Bottom	12	24.4 24.4	24.4	33.7 33.7	33.7	79.0 79.1	79.1	5.5 5.5	5.5		26.8 26.0	26.4		28 28	28.0	
5-Nov-07	Cloudy	Moderate	16:12	Surface	1	23.8 23.8	23.8	30.5 31.7	31.1	99.1 99.1	99.1	7.0 7.0	7.0	6.8	17.2 17.8	17.5	20.0	27 26	26.5	68.8
				Middle	6.5	23.8 23.8	23.8	32.1 32.1	32.1	92.9 92.9	92.9	6.5 6.5	6.5		20.0 21.6	20.8		84 84	84.0	
				Bottom	12	23.8 23.8	23.8	32.1 32.1	32.1	92.2 93.9	93.1	6.5 6.6	6.6		22.2 21.3	21.8		96 96	96.0	
7-Nov-07	Cloudy	Moderate	16:54	Surface	1	22.8 22.8	22.8	31.9 32.5	32.2	107.2 107.1	107.2	6.7 6.6	6.7	6.5	15.8 16.5	16.2	18.7	18 18	18.0	26.7
				Middle	6.5	22.8 22.8	22.8	32.8 32.8	32.8	99.4 99.4	99.4	6.2 6.1	6.2		18.7 20.2	19.5		52 52	52.0	
				Bottom	12	22.8 22.8	22.8	32.9 32.9	32.9	97.7 98.1	97.9	6.0 6.1	6.1		20.9 20.0	20.5		10 10	10.0	
9-Nov-07	Sunny	Moderate	17:38	Surface	1	23.3 23.3	23.3	35.0 35.0	35.0	119.1 119.1	119.1	8.3 8.3	8.3	8.3	20.9 21.3	21.1	28.6	10 10	10.0	21.0
				Middle	6	23.0 23.0	23.0	35.0 35.0	35.0	116.3 115.9	116.1	8.2 8.1	8.2		30.6 30.6	30.6		25 26	25.5	
				Bottom	11	23.0 23.0	23.0	35.0 35.0	35.0	114.3 114.2	114.3	8.0 8.0	8.0		34.1 33.9	34.0		27 28	27.5	
12-Nov-07	Sunny	Moderate	09:08	Surface	1	23.5 23.5	23.5	34.8 34.9	34.9	126.4 125.7	126.1	8.8 8.8	8.8	8.5	14.5 15.0	14.8	21.3	50 49	49.5	28.5
				Middle	6	23.2 23.2	23.2	35.0 35.0	35.0	117.1 117.1	117.1	8.2 8.2	8.2		20.9 20.9	20.9		20 20	20.0	
				Bottom	11	23.2 23.2	23.2	35.0 35.0	35.0	110.6 110.9	110.8	7.8 7.8	7.8		28.4 28.2	28.3		16 16	16.0	
14-Nov-07	Sunny	Moderate	10:48	Surface	1	23.5 23.5	23.5	34.7 34.7	34.7	109.6 109.3	109.5	7.7 7.7	7.7	7.6	15.2 15.6	15.4	22.9	28 28	28.0	46.5
				Middle	6.5	23.2 23.2	23.2	34.7 34.7	34.7	105.6 105.4	105.5	7.4 7.4	7.4		24.9 24.9	24.9		25 26	25.5	
				Bottom	12	23.1 23.1	23.1	34.7 34.6	34.7	101.5 101.6	101.6	7.1 7.1	7.1		28.4 28.2	28.3		86 86	86.0	

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*				
2-Nov-07	Cloudy	Rough	09:33	Surface	1	24.0 24.0	24.0	33.4 33.3	33.4	85.8 85.4	85.6	6.0 5.9	6.0	6.0	29.9 29.0	29.5	37.2	24 24	24.0	26.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	24.0 24.0	24.0	33.4 33.4	33.4	82.4 82.2	82.3	5.7 5.7	5.7		5.7	45.1 44.4		44.8	29 28		28.5		
5-Nov-07	Cloudy	Moderate	10:03	Surface	1	23.7 23.7	23.7	31.8 31.8	31.8	99.4 99.6	99.5	7.0 7.0	7.0	7.0	26.8 26.0	26.4	31.0	25 26	25.5	29.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	23.5 23.5	23.5	32.1 32.1	32.1	90.5 91.0	90.8	6.4 6.4	6.4		6.4	35.9 35.2		35.6	33 33		33.0		
7-Nov-07	Cloudy	Moderate	11:19	Surface	1	22.7 22.7	22.7	32.6 32.6	32.6	107.4 107.4	107.4	6.6 6.6	6.6	6.6	19.6 18.7	19.2	23.8	23 23	23.0	22.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-		
				Bottom	3	22.5 22.5	22.5	32.7 32.7	32.7	94.5 94.8	94.7	5.9 5.9	5.9		5.9	28.6 27.9		28.3	21 22		21.5		
9-Nov-07	Sunny	Moderate	12:03	Surface	1	23.1 23.2	23.2	35.0 35.0	35.0	122.2 122.0	122.1	8.6 8.5	8.6	8.6	12.1 12.3	12.2	15.8	27 26	26.5	26.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-				
				Bottom	3	22.9 22.9	22.9	34.9 34.9	34.9	120.1 119.8	120.0	8.4 8.4	8.4		8.4	19.1 19.6		19.4	27 26		26.5		
12-Nov-07	Sunny	Moderate	13:58	Surface	1	23.3 23.3	23.3	34.8 34.8	34.8	121.3 120.1	120.7	8.4 8.3	8.4	8.4	11.7 11.4	11.6	14.2	18 18	18.0	21.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-					
				Bottom	3	23.1 23.1	23.1	35.0 35.0	35.0	116.6 116.7	116.7	8.1 8.2	8.2		8.2	16.3 17.2		16.8	24 24		24.0		
14-Nov-07	Sunny	Moderate	14:53	Surface	1	23.3 23.4	23.4	34.7 34.7	34.7	112.5 112.8	112.7	7.9 7.9	7.9	7.9	10.8 11.0	10.9	12.3	12 12	12.0	15.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-					
				Bottom	3	23.1 23.1	23.1	34.6 34.6	34.6	106.8 106.3	106.6	7.5 7.5	7.5		7.5	13.4 13.9		13.7	18 18		18.0		

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*			
2-Nov-07	Cloudy	Rough	14:30	Surface	1	24.1 24.1	24.1	33.4 33.4	33.4	85.0 84.8	84.9	5.9 5.9	5.9	5.9	41.4 41.4	41.4	44.1	29 28	28.5	27.3		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-
				Bottom	4	24.2 24.2	24.2	33.3 33.3	33.3	81.3 81.2	81.3	5.7 5.6	5.7	5.7	48.2 45.1	46.7		26 26	26.0			
5-Nov-07	Cloudy	Moderate	16:01	Surface	1	23.9 23.9	23.9	31.9 31.9	31.9	98.4 98.4	98.4	6.9 6.9	6.9	6.9	32.1 32.1	32.1	34.8	22 22	22.0	30.0		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-		-	
				Bottom	4	23.6 23.6	23.6	32.1 32.1	32.1	88.6 88.3	88.5	6.3 6.2	6.3	6.3	38.9 35.9	37.4		38 38	38.0			
7-Nov-07	Cloudy	Moderate	16:44	Surface	1	22.8 22.9	22.9	32.6 32.6	32.6	106.9 106.8	106.9	6.6 6.6	6.6	6.6	24.9 24.9	24.9	27.6	17 16	16.5	17.8		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-			
				Bottom	4	22.6 22.6	22.6	32.7 32.7	32.7	93.0 92.9	93.0	5.8 5.8	5.8	5.8	31.7 28.6	30.2		19 19	19.0			
9-Nov-07	Sunny	Moderate	17:25	Surface	1	23.1 23.1	23.1	35.0 35.0	35.0	119.3 119.3	119.3	8.4 8.3	8.4	8.4	13.6 13.4	13.5	18.3	27 28	27.5	27.0		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-	-			
				Bottom	4	22.9 22.9	22.9	34.9 34.9	34.9	117.9 117.6	117.8	8.3 8.3	8.3	8.3	22.7 23.5	23.1		25 28	26.5			
12-Nov-07	Sunny	Moderate	08:54	Surface	1	23.3 23.3	23.3	34.8 34.8	34.8	119.6 119.5	119.6	8.3 8.3	8.3	8.3	10.1 10.3	10.2	11.6	9 9	9.0	15.0		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-				
				Bottom	4	23.0 23.0	23.0	35.0 35.0	35.0	115.0 114.9	115.0	8.0 8.0	8.0	8.0	12.8 13.2	13.0		21 21	21.0			
14-Nov-07	Sunny	Moderate	10:35	Surface	1	23.3 23.3	23.3	34.6 34.6	34.6	105.7 105.7	105.7	7.4 7.4	7.4	7.4	12.3 12.1	12.2	14.8	25 25	25.0	20.5		
				Middle	-	-	-	-	-	-	-	-	-	-	-	-		-				
				Bottom	3	23.1 23.1	23.1	34.7 34.7	34.7	98.0 97.3	97.7	6.9 6.8	6.9	6.9	16.9 17.8	17.4		16 16	16.0			

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*				
2-Nov-07	Cloudy	Rough	09:00	Surface	1	24.0 24.0	24.0	33.1 33.1	33.1	90.6 90.9	90.8	6.3 6.3	6.3	6.3	17.8 18.0	17.9	18.7	18 18	18.0	20.5			
				Middle	-	- -	-	- -	-	- -	-	- -	-		-	-		-	-		-	-	-
				Bottom	3	24.4 24.4	24.4	33.5 33.5	33.5	88.9 88.7	88.8	6.1 6.1	6.1		6.1	6.1		19.6 19.4	19.5		23 23	23.0	
5-Nov-07	Cloudy	Moderate	09:30	Surface	1	23.7 23.7	23.7	31.8 31.7	31.8	99.8 100.0	99.9	7.0 7.1	7.1	7.1	16.3 16.5	16.4	17.2	13 13	13.0	14.5			
				Middle	-	- -	-	- -	-	- -	-	- -	-		-	-		-	-		-	-	
				Bottom	3	23.5 23.6	23.6	32.1 32.1	32.1	90.1 89.5	89.8	6.4 6.3	6.4		6.4	6.4		18.0 17.8	17.9		16 16	16.0	
7-Nov-07	Cloudy	Moderate	10:46	Surface	1	22.7 22.7	22.7	32.4 32.4	32.4	108.2 108.1	108.2	6.7 6.7	6.7	6.7	11.9 12.1	12.0	12.8	21 21	21.0	18.8			
				Middle	-	- -	-	- -	-	- -	-	- -	-		-	-		-	-		-	-	
				Bottom	3	22.5 22.5	22.5	32.8 32.8	32.8	90.3 90.0	90.2	5.6 5.6	5.6		5.6	5.6		13.6 13.4	13.5		16 17	16.5	
9-Nov-07	Sunny	Moderate	11:27	Surface	1	22.7 22.7	22.7	34.8 34.8	34.8	113.5 112.9	113.2	8.0 8.0	8.0	8.0	4.8 4.6	4.7	10.2	27 28	27.5	25.0			
				Middle	-	- -	-	- -	-	- -	-	- -	-		-	-		-	-		-	-	
				Bottom	4	22.5 22.5	22.5	34.9 34.9	34.9	111.2 110.8	111.0	7.9 7.9	7.9		7.9	7.9		15.6 15.8	15.7		21 24	22.5	
12-Nov-07	Sunny	Moderate	13:22	Surface	1	22.9 22.9	22.9	34.7 34.7	34.7	118.3 118.2	118.3	8.2 8.2	8.2	8.2	10.8 10.8	10.8	10.9	16 16	16.0	24.0			
				Middle	-	- -	-	- -	-	- -	-	- -	-		-	-		-	-		-	-	
				Bottom	4	22.7 22.7	22.7	34.9 34.9	34.9	117.5 117.9	117.7	8.2 8.2	8.2		8.2	8.2		10.8 11.2	11.0		32 32	32.0	
14-Nov-07	Sunny	Moderate	14:16	Surface	1	22.9 22.9	22.9	34.7 34.7	34.7	112.2 112.6	112.4	7.8 7.9	7.9	7.9	11.0 11.2	11.1	10.6	22 22	22.0	20.0			
				Middle	-	- -	-	- -	-	- -	-	- -	-		-	-		-	-		-	-	
				Bottom	4	22.7 22.7	22.7	34.6 34.6	34.6	102.9 102.2	102.6	7.3 7.2	7.3		7.3	7.3		9.9 10.1	10.0		18 18	18.0	

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-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*				
2-Nov-07	Cloudy	Rough	13:56	Surface	1	24.1 24.1	24.1	33.1 33.1	33.1	90.7 90.6	90.7	6.3 6.3	6.3	6.3	18.3 18.5	18.4	21.6	19 18	18.5	22.8			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	24.5 24.5	24.5	33.6 33.6	33.6	87.9 87.7	87.8	6.1 6.1	6.1		6.1	24.4 25.1		24.8	27 27		27.0		
5-Nov-07	Cloudy	Moderate	15:28	Surface	1	23.8 23.8	23.8	31.5 31.5	31.5	100.1 100.3	100.2	7.1 7.1	7.1	7.1	16.7 16.9	16.8	20.0	18 18	18.0	18.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	23.6 23.6	23.6	32.1 32.1	32.1	92.6 92.1	92.4	6.6 6.5	6.6		6.6	22.9 23.5		23.2	19 19		19.0		
7-Nov-07	Cloudy	Moderate	16:10	Surface	1	22.8 22.8	22.8	32.3 32.3	32.3	108.0 108.1	108.1	6.7 6.7	6.7	6.7	12.3 12.5	12.4	15.6	18 18	18.0	18.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-		
				Bottom	3	22.6 22.6	22.6	32.9 32.9	32.9	93.9 93.6	93.8	5.9 5.8	5.9		5.9	18.5 19.1		18.8	18 18		18.0		
9-Nov-07	Sunny	Moderate	16:49	Surface	1	22.6 22.6	22.6	34.8 34.8	34.8	113.1 112.5	112.8	8.0 7.9	8.0	8.0	4.4 4.4	4.4	10.9	34 38	36.0	31.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-				
				Bottom	4	22.4 22.4	22.4	34.9 34.9	34.9	110.8 110.5	110.7	7.8 7.8	7.8		7.8	17.2 17.6		17.4	26 26		26.0		
12-Nov-07	Sunny	Moderate	08:19	Surface	1	22.8 22.8	22.8	34.7 34.7	34.7	118.5 118.6	118.6	8.2 8.2	8.2	8.2	10.3 10.6	10.5	10.0	10 10	10.0	16.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-					
				Bottom	4	22.6 22.6	22.6	34.9 34.9	34.9	116.0 116.1	116.1	8.1 8.1	8.1		8.1	9.2 9.5		9.4	22 22		22.0		
14-Nov-07	Sunny	Moderate	09:59	Surface	1	22.8 22.8	22.8	34.7 34.7	34.7	106.5 106.5	106.5	7.5 7.5	7.5	7.5	11.4 11.4	11.4	11.6	25 25	25.0	19.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-					
				Bottom	4	22.6 22.6	22.6	34.6 34.6	34.6	103.6 103.7	103.7	7.3 7.3	7.3		7.3	11.4 11.9		11.7	13 13		13.0		

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*	
2-Nov-07	Cloudy	Rough	09:26	Surface	-	-	-	-	-	-	-	-	-	5.8	-	-	43.0	-	-	42.0
				Middle	1.1	23.2 23.2	23.2	32.7 32.6	32.7	81.3 80.6	81.0	5.8 5.7	5.8		43.1 42.9	43.0		42 42	42.0	
				Bottom	-	-	-	-	-	-	-	-	-		-	-		-	-	
5-Nov-07	Cloudy	Moderate	09:57	Surface	-	-	-	-	-	-	-	-	7.0	-	-	38.4	-	-	25.0	
				Middle	1	23.8 23.8	23.8	32.0 32.0	32.0	99.2 99.3	99.3	7.0 7.0		7.0	38.5 38.3		38.4	25 25		25.0
				Bottom	-	-	-	-	-	-	-	-		-	-		-	-		-
7-Nov-07	Cloudy	Moderate	11:12	Surface	-	-	-	-	-	-	-	-	6.1	-	-	31.1	-	-	20.0	
				Middle	1	22.7 22.7	22.7	32.3 32.3	32.3	111.5 110.8	111.2	6.1 6.0		6.1	31.2 31.0		31.1	20 20		20.0
				Bottom	-	-	-	-	-	-	-	-		-	-		-	-		-
9-Nov-07	Sunny	Moderate	11:56	Surface	-	-	-	-	-	-	-	-	8.7	-	-	8.1	-	-	20.0	
				Middle	0.8	23.1 23.1	23.1	34.9 34.9	34.9	124.2 123.9	124.1	8.7 8.7		8.7	8.1 8.1		8.1	19 21		20.0
				Bottom	-	-	-	-	-	-	-	-		-	-		-	-		-
12-Nov-07	Sunny	Moderate	13:51	Surface	-	-	-	-	-	-	-	-	8.1	-	-	9.6	-	-	20.5	
				Middle	0.8	23.3 23.3	23.3	34.6 34.7	34.7	117.1 117.1	117.1	8.1 8.1		8.1	9.7 9.5		9.6	21 20		20.5
				Bottom	-	-	-	-	-	-	-	-		-	-		-	-		-
14-Nov-07	Sunny	Moderate	14:45	Surface	-	-	-	-	-	-	-	-	7.4	-	-	11.2	-	-	21.0	
				Middle	0.7	23.3 23.3	23.3	34.6 34.6	34.6	105.3 105.2	105.3	7.4 7.4		7.4	11.2 11.2		11.2	21 21		21.0
				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*	Average	DA*		
2-Nov-07	Cloudy	Rough	14:23	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.4	23.1 23.1	23.1	32.0 31.8	31.9	80.1 79.7	79.9	5.7 5.7	5.7	5.7	5.7	37.6 37.2	37.4	37.4	26 26	26.0	26.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5-Nov-07	Cloudy	Moderate	15:54	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.4	23.8 23.8	23.8	28.8 29.7	29.3	100.8 100.7	100.8	7.2 7.2	7.2	7.2	28.4 27.9	28.2	28.2	31 30	30.5	30.5	
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7-Nov-07	Cloudy	Moderate	16:37	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	1.4	22.8 22.8	22.8	30.4 30.7	30.6	109.4 108.8	109.1	5.9 5.9	5.9	5.9	21.1 20.7	20.9	20.9	24 24	24.0	24.0	
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9-Nov-07	Sunny	Moderate	17:17	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	0.8	23.1 23.1	23.1	34.9 34.9	34.9	123.1 123.0	123.1	8.6 8.6	8.6	8.6	7.3 7.0	7.2	7.2	19 21	20.0	20.0	
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12-Nov-07	Sunny	Moderate	08:46	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	0.8	23.2 23.2	23.2	35.0 35.0	35.0	114.1 114.1	114.1	8.0 8.0	8.0	8.0	10.6 10.6	10.6	10.6	18 19	18.5	18.5	
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14-Nov-07	Sunny	Moderate	10:26	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
				Middle	0.7	23.2 23.2	23.2	34.6 34.6	34.6	104.2 104.7	104.5	7.3 7.4	7.4	7.4	10.3 10.1	10.2	10.2	22 22	22.0	22.0	
				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 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*	
2-Nov-07	Cloudy	Rough	09:54	Surface	1	24.2	24.2	33.4	33.4	80.1	79.9	5.6	5.6	5.5	14.3	14.4	19.1	17	17.0	16.5
				Middle	6.5	24.2		33.4		78.2		5.4			21.6			13		
				Bottom	12	24.2	33.3	78.2	5.4	21.1	19									
						24.1		33.3	78.0	78.1	5.4	5.4		21.6	21.4		19	19.0		
5-Nov-07	Cloudy	Moderate	10:24	Surface	1	23.7	23.7	32.1	32.1	98.3	98.3	6.9	6.9	6.8	12.8	12.9	17.5	39	39.0	33.0
				Middle	6.5	23.7		32.0		94.4		6.7			20.0			21		
				Bottom	12	23.7	32.1	90.0	6.3	19.6	39									
						23.7		32.0	94.9	94.7	6.7	6.7		19.8	19.9		21	21.0		
						23.7		32.1	90.0	90.0	6.3	6.3	6.3	20.0	19.8		39	39.0		
7-Nov-07	Cloudy	Moderate	11:40	Surface	1	22.7	22.7	32.7	32.7	106.5	106.5	6.6	6.6	6.5	12.3	12.4	17.1	30	30.0	25.0
				Middle	6.5	22.7		32.7		101.5		6.3			19.6			26		
				Bottom	12	22.7	32.7	98.1	6.1	19.1	19									
						22.7		32.7	97.9	98.0	6.1	6.1	6.1	19.6	19.4		19	19.0		
9-Nov-07	Sunny	Moderate	12:31	Surface	1	23.0	23.0	34.9	34.9	118.4	118.3	8.3	8.3	8.2	16.5	16.6	24.2	26	26.5	81.5
				Middle	6	22.9		34.9		115.6		8.1			21.6			41		
				Bottom	11	22.9	34.9	115.3	8.1	20.7	46									
						22.9		34.9	114.6	114.6	8.1	8.1	8.1	35.2	34.7		171	174.5		
						22.9		34.9	114.5	114.6	8.0	8.1	8.1	34.1	34.7		178	174.5		
12-Nov-07	Sunny	Moderate	14:27	Surface	1	23.2	23.2	34.7	34.7	132.0	132.2	9.2	9.2	8.7	11.9	11.9	20.0	20	20.0	14.5
				Middle	6	23.1		34.9		115.9		8.1			21.1			14		
				Bottom	11	23.1	35.0	113.3	7.9	26.8	9									
						23.1		34.9	115.8	115.9	8.1	8.1	7.9	20.5	20.8		14	14.0		
						23.1		35.0	114.0	113.7	7.9	7.9	7.9	27.7	27.3		10	9.5		
14-Nov-07	Sunny	Moderate	15:21	Surface	1	23.2	23.2	34.7	34.7	110.8	110.9	7.8	7.8	7.6	10.8	10.9	18.4	72	72.0	41.3
				Middle	6	23.1		34.7		106.2		7.4			15.8			31		
				Bottom	11	23.1	34.6	102.1	7.2	29.5	21									
						23.1		34.6	102.0	102.1	7.2	7.2	7.2	28.4	29.0		21	21.0		

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

### Water Quality Monitoring Results at 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*		
2-Nov-07	Cloudy	Rough	14:51	Surface	1	24.3 24.2	24.3	33.3 33.3	33.3	79.2 78.6	78.9	5.5 5.5	5.5	5.5	21.3 21.3	21.3	21.3	15 15	15.0	27.7	
				Middle	7	24.3 24.3	24.3	33.3 33.3	33.3	78.0 78.0	78.0	5.4 5.4	5.4	5.4	5.4	20.9 20.7		20.8	36 36		36.0
				Bottom	13	24.2 24.2	24.2	33.3 33.4	33.4	78.1 78.0	78.1	5.4 5.4	5.4	5.4	5.4	21.8 21.8		21.8	32 32		32.0
5-Nov-07	Cloudy	Moderate	16:22	Surface	1	23.8 23.8	23.8	32.0 30.6	31.3	98.9 99.2	99.1	7.0 7.0	7.0	7.0	19.8 19.8	19.8	19.8	29 29	29.0	28.5	
				Middle	7	23.8 23.8	23.8	32.1 32.1	32.1	96.1 96.7	96.4	6.8 6.8	6.8	6.8	6.8	19.4 19.1		19.3	30 30		30.0
				Bottom	13	23.8 23.8	23.8	32.1 32.1	32.1	90.2 90.3	90.3	6.4 6.4	6.4	6.4	6.4	20.2 20.2		20.2	27 26		26.5
7-Nov-07	Cloudy	Moderate	17:05	Surface	1	22.8 22.8	22.8	32.7 32.0	32.4	107.0 107.1	107.1	6.6 6.6	6.6	6.6	21.3 21.3	21.3	21.3	26 26	26.0	20.7	
				Middle	7	22.8 22.8	22.8	32.7 32.7	32.7	102.2 102.3	102.3	6.3 6.3	6.3	6.3	6.3	20.9 20.7		20.8	15 15		15.0
				Bottom	13	22.8 22.8	22.8	32.7 32.7	32.7	98.3 98.2	98.3	6.1 6.1	6.1	6.1	6.1	21.8 21.8		21.8	21 21		21.0
9-Nov-07	Sunny	Moderate	17:54	Surface	1	23.0 23.0	23.0	34.9 34.9	34.9	115.8 115.9	115.9	8.1 8.1	8.1	8.1	18.3 18.3	18.3	26.4	23 21	22.0	66.8	
				Middle	6	22.9 22.9	22.9	34.9 34.9	34.9	114.8 114.6	114.7	8.1 8.1	8.1	8.1	8.1	27.5 26.8		27.2	36 38		37.0
				Bottom	11	22.9 22.9	22.9	35.0 34.9	35.0	113.6 113.5	113.6	8.0 8.0	8.0	8.0	8.0	33.2 34.1		33.7	140 143		141.5
12-Nov-07	Sunny	Moderate	09:24	Surface	1	23.1 23.1	23.1	34.8 34.8	34.8	129.2 129.2	129.2	9.0 9.0	9.0	9.0	10.1 10.3	10.2	17.8	16 16	16.0	18.3	
				Middle	6	23.1 23.1	23.1	34.9 34.9	34.9	116.4 116.0	116.2	8.1 8.1	8.1	8.1	8.1	15.2 14.3		14.8	22 22		22.0
				Bottom	11	23.1 23.1	23.1	35.0 35.0	35.0	111.0 110.9	111.0	7.8 7.8	7.8	7.8	7.8	28.8 27.7		28.3	17 17		17.0
14-Nov-07	Sunny	Moderate	11:04	Surface	1	23.1 23.1	23.1	34.7 34.7	34.7	108.9 108.5	108.7	7.6 7.6	7.6	7.6	12.5 12.5	12.5	20.7	21 21	21.0	24.0	
				Middle	6	23.1 23.1	23.1	34.7 34.7	34.7	105.4 105.3	105.4	7.4 7.4	7.4	7.4	7.4	21.8 21.1		21.5	18 18		18.0
				Bottom	11	23.1 23.1	23.1	34.6 34.6	34.6	100.8 100.7	100.8	7.1 7.1	7.1	7.1	7.1	27.5 28.4		28.0	33 33		33.0

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*				
2-Nov-07	Cloudy	Rough	09:09	Surface	1	23.9 23.9	23.9	33.1 33.0	33.1	88.8 88.2	88.5	6.2 6.2	6.2	6.2	15.2 15.2	15.2	26.2	12 12	12.0	19.0			
				Middle	-	- -	-	- -	-	- -	-	-	-		-	-		-	-		-	-	-
				Bottom	4	23.9 23.9	23.9	33.2 33.2	33.2	85.9 85.5	85.7	6.0 6.0	6.0		6.0	6.0		37.0 37.4	37.2		26 26	26.0	
5-Nov-07	Cloudy	Moderate	09:40	Surface	1	23.7 23.7	23.7	31.7 31.7	31.7	100.1 100.1	100.1	7.1 7.1	7.1	7.1	13.6 13.6	13.6	22.3	14 15	14.5	13.3			
				Middle	-	- -	-	- -	-	- -	-	-	-		-	-		-	-		-	-	
				Bottom	4	23.5 23.4	23.5	32.1 32.1	32.1	91.1 90.7	90.9	6.4 6.4	6.4		6.4	6.4		30.8 31.2	31.0		12 12	12.0	
7-Nov-07	Cloudy	Moderate	10:55	Surface	1	22.7 22.7	22.7	32.4 32.4	32.4	107.8 107.7	107.8	6.7 6.7	6.7	6.7	9.2 9.2	9.2	16.5	17 17	17.0	14.0			
				Middle	-	- -	-	- -	-	- -	-	-	-		-	-		-	-		-	-	
				Bottom	4	22.4 22.4	22.4	32.7 32.7	32.7	90.5 90.3	90.4	5.7 5.7	5.7		5.7	5.7		23.5 24.0	23.8		11 11	11.0	
9-Nov-07	Sunny	Moderate	11:39	Surface	1	23.1 23.1	23.1	34.9 34.9	34.9	124.6 124.0	124.3	8.7 8.7	8.7	8.7	5.3 5.1	5.2	5.7	38 40	39.0	29.0			
				Middle	-	- -	-	- -	-	- -	-	-	-		-	-		-	-		-	-	
				Bottom	4	22.9 22.9	22.9	34.9 34.9	34.9	118.0 117.9	118.0	8.3 8.3	8.3		8.3	8.3		5.9 6.2	6.1		18 20	19.0	
12-Nov-07	Sunny	Moderate	13:35	Surface	1	23.3 23.3	23.3	34.8 34.8	34.8	117.8 117.8	117.8	8.2 8.2	8.2	8.2	9.7 9.2	9.5	9.5	16 16	16.0	23.0			
				Middle	-	- -	-	- -	-	- -	-	-	-		-	-		-	-		-	-	
				Bottom	4	23.1 23.1	23.1	35.0 35.0	35.0	112.0 111.7	111.9	7.8 7.8	7.8		7.8	7.8		9.2 9.5	9.4		30 30	30.0	
14-Nov-07	Sunny	Moderate	14:29	Surface	1	23.2 23.2	23.2	34.7 34.6	34.7	113.2 113.0	113.1	7.9 7.9	7.9	7.9	10.6 10.8	10.7	11.4	27 27	27.0	22.0			
				Middle	-	- -	-	- -	-	- -	-	-	-		-	-		-	-		-	-	
				Bottom	4	23.1 23.1	23.1	34.6 34.6	34.6	100.9 100.6	100.8	7.1 7.1	7.1		7.1	7.1		12.1 11.9	12.0		17 17	17.0	

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*				
2-Nov-07	Cloudy	Rough	14:06	Surface	1	23.9 23.9	23.9	33.0 33.0	33.0	87.8 87.8	87.8	6.1 6.1	6.1	6.1	15.0 15.0	15.0	27.3	21 21	21.0	17.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	4	23.9 24.0	24.0	33.2 33.3	33.3	85.2 84.8	85.0	5.9 5.9	5.9		5.9	39.2 39.8		39.5	14 14		14.0		
5-Nov-07	Cloudy	Moderate	15:37	Surface	1	23.8 23.8	23.8	31.5 31.4	31.5	99.5 99.9	99.7	7.0 7.1	7.1	7.1	13.4 13.4	13.4	21.1	19 19	19.0	51.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	4	23.5 23.5	23.5	32.0 32.1	32.1	92.8 91.1	92.0	6.6 6.5	6.6		6.6	28.4 29.0		28.7	83 83		83.0		
7-Nov-07	Cloudy	Moderate	16:20	Surface	1	22.8 22.8	22.8	32.2 32.2	32.2	107.7 107.8	107.8	6.7 6.7	6.7	6.7	9.0 9.0	9.0	15.3	19 19	19.0	18.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-		
				Bottom	4	22.5 22.5	22.5	32.6 32.7	32.7	91.9 91.1	91.5	5.8 5.7	5.8		5.8	21.1 21.8		21.5	17 18		17.5		
9-Nov-07	Sunny	Moderate	17:02	Surface	1	23.0 23.0	23.0	35.0 34.9	35.0	119.8 119.4	119.6	8.4 8.4	8.4	8.4	7.3 6.8	7.1	7.0	34 34	34.0	29.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-				
				Bottom	5	22.8 22.8	22.8	34.9 34.9	34.9	116.5 116.1	116.3	8.2 8.2	8.2		8.2	6.8 7.0		6.9	22 26		24.0		
12-Nov-07	Sunny	Moderate	08:32	Surface	1	23.2 23.2	23.2	34.8 34.8	34.8	117.8 117.9	117.9	8.2 8.2	8.2	8.2	9.9 10.1	10.0	10.7	25 25	25.0	27.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-					
				Bottom	4	23.0 23.0	23.0	35.0 35.0	35.0	112.5 112.4	112.5	7.9 7.9	7.9		7.9	11.4 11.2		11.3	29 29		29.0		
14-Nov-07	Sunny	Moderate	10:12	Surface	1	23.2 23.3	23.3	34.6 34.6	34.6	104.8 104.8	104.8	7.4 7.4	7.4	7.4	10.3 9.9	10.1	10.1	13 13	13.0	15.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-					
				Bottom	4	23.1 23.0	23.1	34.6 34.7	34.7	100.2 99.6	99.9	7.1 7.0	7.1		7.1	9.9 10.1		10.0	17 17		17.0		

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*				
2-Nov-07	Cloudy	Rough	09:17	Surface	1	23.7 23.7	23.7	33.3 33.3	33.3	86.0 85.9	86.0	6.0 6.0	6.0	6.0	26.6 27.5	27.1	33.7	57 57	57.0	51.5			
				Middle	-	- -	-	- -	-	- -	-	- -	-		-	-		-	-		-	-	-
				Bottom	3	23.7 23.7	23.7	33.3 33.3	33.3	84.7 84.4	84.6	5.9 5.9	5.9		5.9	5.9		40.3 40.0	40.2		40.2	46 46	46.0
5-Nov-07	Cloudy	Moderate	09:47	Surface	1	23.7 23.7	23.7	29.2 29.4	29.3	100.8 100.8	100.8	7.2 7.2	7.2	7.2	23.5 24.4	24.0	29.8	83 83	83.0	83.0			
				Middle	-	- -	-	- -	-	- -	-	- -	-		-	-		-	-		-	-	
				Bottom	3	23.5 23.5	23.5	31.8 31.9	31.9	93.3 93.7	93.5	6.6 6.6	6.6		6.6	6.6		35.6 35.4	35.5		35.5	83 83	83.0
7-Nov-07	Cloudy	Moderate	11:03	Surface	1	22.7 22.7	22.7	31.3 31.4	31.4	108.1 108.1	108.1	6.7 6.7	6.7	6.7	16.3 17.2	16.8	22.6	16 16	16.0	17.5			
				Middle	-	- -	-	- -	-	- -	-	- -	-		-	-		-	-		-	-	
				Bottom	3	22.5 22.5	22.5	32.6 32.6	32.6	100.0 100.2	100.1	6.2 6.2	6.2		6.2	6.2		28.4 28.2	28.3		28.3	19 19	19.0
9-Nov-07	Sunny	Moderate	11:48	Surface	1	22.9 23.0	23.0	35.0 34.9	35.0	120.4 120.3	120.4	8.5 8.4	8.5	8.5	4.6 4.4	4.5	6.5	23 21	22.0	32.5			
				Middle	-	- -	-	- -	-	- -	-	- -	-		-	-		-	-		-	-	
				Bottom	4	22.6 22.6	22.6	34.9 34.9	34.9	117.0 116.6	116.8	8.3 8.3	8.3		8.3	8.3		8.6 8.4	8.5		8.5	41 45	43.0
12-Nov-07	Sunny	Moderate	13:43	Surface	1	23.1 23.2	23.2	34.6 34.6	34.6	118.0 117.6	117.8	8.2 8.1	8.2	8.2	9.2 9.2	9.2	10.3	24 24	24.0	22.8			
				Middle	-	- -	-	- -	-	- -	-	- -	-		-	-		-	-		-	-	
				Bottom	4	22.7 22.7	22.7	35.0 35.0	35.0	111.3 110.8	111.1	7.8 7.8	7.8		7.8	7.8		11.2 11.4	11.3		11.3	21 22	21.5
14-Nov-07	Sunny	Moderate	14:38	Surface	1	23.2 23.2	23.2	34.6 34.6	34.6	112.2 111.9	112.1	7.9 7.8	7.9	7.9	11.2 11.4	11.3	12.6	13 13	13.0	14.0			
				Middle	-	- -	-	- -	-	- -	-	- -	-		-	-		-	-		-		
				Bottom	4	22.8 22.8	22.8	34.6 34.6	34.6	99.9 99.6	99.8	7.0 7.0	7.0		7.0	7.0		13.9 13.6	13.8		13.8	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 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*					
2-Nov-07	Cloudy	Rough	14:14	Surface	1	23.8 23.8	23.8	33.3 33.3	33.3	85.6 85.4	85.5	6.0 6.0	6.0	6.0	6.0	23.1 23.3	23.2	32.6	14 14	14.0	15.0			
				Middle	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	23.8 23.8	23.8	33.3 33.3	33.3	83.9 83.6	83.8	5.9 5.8	5.9	5.9		5.9	42.2 41.6		41.9	16 16		16.0		
5-Nov-07	Cloudy	Moderate	15:45	Surface	1	23.8 23.8	23.8	31.8 31.8	31.8	100.6 100.7	100.7	7.1 7.1	7.1	7.1	21.6 21.8	21.7	25.7	30 30	30.0	23.0				
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-		
				Bottom	3	23.7 23.7	23.7	32.1 32.1	32.1	92.4 92.7	92.6	6.5 6.5	6.5		6.5	29.9 29.3		29.6	16 16		16.0			
7-Nov-07	Cloudy	Moderate	16:27	Surface	1	22.8 22.8	22.8	32.6 32.6	32.6	108.1 108.1	108.1	6.7 6.7	6.7	6.7	14.3 14.5	14.4	18.4	24 24	24.0	19.5				
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-			
				Bottom	3	22.6 22.7	22.7	32.7 32.7	32.7	97.8 97.9	97.9	6.1 6.1	6.1		6.1	22.7 22.0		22.4	15 15		15.0			
9-Nov-07	Sunny	Moderate	17:10	Surface	1	23.0 23.0	23.0	35.0 34.9	35.0	118.1 117.9	118.0	8.3 8.3	8.3	8.3	6.8 6.8	6.8	6.8	37 37	37.0	31.5				
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-					
				Bottom	4	22.5 22.5	22.5	34.9 34.9	34.9	116.0 115.6	115.8	8.2 8.2	8.2		8.2	6.6 6.8		6.7	26 26		26.0			
12-Nov-07	Sunny	Moderate	08:40	Surface	1	23.2 23.2	23.2	34.6 34.6	34.6	119.8 118.7	119.3	8.3 8.2	8.3	8.3	10.6 10.8	10.7	11.9	13 13	13.0	17.0				
				Middle	-	-	-	-	-	-	-	-	-		-	-		-						
				Bottom	4	22.7 22.7	22.7	35.0 35.0	35.0	110.7 111.0	110.9	7.7 7.8	7.8		7.8	13.2 13.0		13.1	21 21		21.0			
14-Nov-07	Sunny	Moderate	10:20	Surface	1	23.1 23.1	23.1	34.7 34.6	34.7	105.4 104.8	105.1	7.4 7.4	7.4	7.4	9.9 9.9	9.9	11.0	18 18	18.0	16.5				
				Middle	-	-	-	-	-	-	-	-	-		-	-		-						
				Bottom	3	22.7 22.7	22.7	34.7 34.7	34.7	99.2 98.5	98.9	7.0 6.9	7.0		7.0	11.9 12.1		12.0	15 15		15.0			

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