

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*	
3-Dec-07	Sunny	Moderate	09:37	Surface	1	19.7 19.7	19.7	33.3 33.5	33.4	113.7 113.0	113.4	8.0 7.9	8.0	7.7	5.0 4.8	4.9	5.2	40 40	40.0	28.5
				Middle	6	19.7 19.7	19.7	33.5 33.5	33.5	103.5 103.2	103.4	7.3 7.2	7.3		5.1 5.1	5.1		32 32	32.0	
				Bottom	11	19.7 19.7	19.7	33.5 33.5	33.5	106.3 106.2	106.3	7.5 7.4	7.5		5.6 5.4	5.5		13 14	13.5	
5-Dec-07	Fine	Moderate	10:08	Surface	1	18.8 18.8	18.8	32.5 32.8	32.7	106.4 105.9	106.2	7.5 7.4	7.5	7.2	5.0 4.8	4.9	5.2	21 20	20.5	20.7
				Middle	6	18.8 18.8	18.8	32.8 32.8	32.8	98.2 98.0	98.1	6.9 6.9	6.9		5.1 5.1	5.1		17 18	17.5	
				Bottom	11	18.8 18.8	18.8	32.8 32.8	32.8	101.7 101.6	101.7	7.2 7.1	7.2		5.6 5.4	5.5		24 24	24.0	
7-Dec-07	Sunny	Moderate	12:38	Surface	1	19.2 19.2	19.2	32.2 32.5	32.4	102.8 102.3	102.6	7.2 7.2	7.2	7.0	5.0 4.8	4.9	5.2	19 19	19.0	16.3
				Middle	6	19.2 19.2	19.2	32.5 32.5	32.5	95.5 95.4	95.5	6.7 6.7	6.7		5.1 5.1	5.1		11 12	11.5	
				Bottom	11	19.2 19.2	19.2	32.4 32.4	32.4	99.4 99.3	99.4	7.0 7.0	7.0		5.6 5.4	5.5		19 18	18.5	
10-Dec-07	Sunny	Moderate	13:15	Surface	1	20.2 20.2	20.2	32.8 33.0	32.9	106.7 106.4	106.6	7.5 7.4	7.5	7.3	3.8 3.6	3.7	4.0	15 15	15.0	15.5
				Middle	6	20.1 20.1	20.1	33.0 33.0	33.0	99.9 100.2	100.1	7.0 7.0	7.0		3.9 3.9	3.9		20 20	20.0	
				Bottom	11	20.0 20.0	20.0	33.0 33.0	33.0	99.4 99.2	99.3	7.0 7.0	7.0		4.4 4.2	4.3		11 12	11.5	
12-Dec-07	Sunny	Moderate	14:36	Surface	1	20.2 20.2	20.2	32.8 32.8	32.8	106.6 106.5	106.6	7.0 7.0	7.0	6.9	7.4 7.2	7.3	7.6	23 22	22.5	22.8
				Middle	6	20.2 20.2	20.2	32.9 32.9	32.9	100.6 101.0	100.8	6.6 6.7	6.7		7.5 7.5	7.5		17 17	17.0	
				Bottom	11	20.1 20.1	20.1	32.9 32.9	32.9	96.2 95.6	95.9	6.4 6.3	6.4		8.0 7.8	7.9		29 29	29.0	
14-Dec-07	Sunny	Moderate	15:46	Surface	1	20.2 20.2	20.2	32.6 32.7	32.7	104.2 104.0	104.1	7.3 7.3	7.3	7.2	9.1 8.9	9.0	9.3	18 18	18.0	16.8
				Middle	6	20.1 20.1	20.1	32.7 32.7	32.7	98.3 98.9	98.6	6.9 7.0	7.0		9.2 9.2	9.2		21 20	20.5	
				Bottom	11	20.0 20.0	20.0	32.7 32.7	32.7	94.6 94.5	94.6	6.7 6.6	6.7		9.7 9.5	9.6		12 12	12.0	
17-Dec-07	Sunny	Moderate	18:27	Surface	1	20.1 20.1	20.1	32.7 32.8	32.8	105.4 105.2	105.3	7.2 7.1	7.2	7.0	8.5 8.3	8.4	8.7	17 17	17.0	23.5
				Middle	6	20.1 20.1	20.1	32.8 32.8	32.8	99.4 99.9	99.7	6.8 6.8	6.8		8.6 8.6	8.6		25 24	24.5	
				Bottom	11	20.0 20.0	20.0	32.8 32.8	32.8	95.4 95.0	95.2	6.5 6.5	6.5		9.1 8.9	9.0		29 29	29.0	
19-Dec-07	Cloudy	Moderate	08:17	Surface	1	20.1 20.1	20.1	32.7 32.8	32.8	106.0 105.9	106.0	6.9 6.9	6.9	6.7	9.4 9.2	9.3	9.6	19 18	18.5	17.0
				Middle	6	20.0 20.0	20.0	32.8 32.8	32.8	100.4 100.8	100.6	6.5 6.5	6.5		9.5 9.5	9.5		15 16	15.5	
				Bottom	11	19.9 19.9	19.9	32.8 32.8	32.8	94.2 93.5	93.9	6.1 6.1	6.1		10.0 9.8	9.9		17 17	17.0	
21-Dec-07	Sunny	Moderate	10:35	Surface	1	20.2 20.2	20.2	33.8 33.9	33.9	112.6 112.4	112.5	7.6 7.6	7.6	7.5	10.0 9.8	9.9	10.2	16 16	16.0	19.3
				Middle	6	20.1 20.1	20.1	33.9 33.9	33.9	108.7 108.8	108.8	7.4 7.4	7.4		10.1 10.1	10.1		12 12	12.0	
				Bottom	11	20.0 20.0	20.0	33.9 33.9	33.9	105.3 104.8	105.1	7.1 7.1	7.1		10.6 10.4	10.5		30 30	30.0	

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*			
3-Dec-07	Sunny	Moderate	15:13	Surface	1	20.0 20.0	20.0	33.4 33.5	33.5	110.7 110.5	110.6	7.7 7.7	7.7	7.6	5.0 5.2	5.1	5.3	38 38	38.0	26.7		
				Middle	6	19.9 19.9	19.9	33.5 33.5	33.5	104.3 105.0	104.7	7.3 7.4	7.4		5.4 5.4			5.4			22 22	22.0
				Bottom	11	19.8 19.8	19.8	33.5 33.5	33.5	99.4 99.2	99.3	7.0 7.0	7.0		5.5 5.4			5.5			20 20	20.0
5-Dec-07	Fine	Moderate	16:15	Surface	1	19.1 19.1	19.1	32.8 32.8	32.8	104.7 104.6	104.7	7.3 7.3	7.3	7.2	6.3 6.5	6.4	6.6	21 21	21.0	19.7		
				Middle	6	19.1 19.1	19.1	32.8 32.8	32.8	99.2 100.1	99.7	7.0 7.0	7.0		6.7 6.7			6.7			21 21	21.0
				Bottom	11	19.0 19.0	19.0	32.8 32.8	32.8	93.0 92.9	93.0	6.5 6.5	6.5		6.8 6.7			6.8			17 17	17.0
7-Dec-07	Sunny	Moderate	16:47	Surface	1	20.0 20.0	20.0	32.5 32.5	32.5	101.7 101.7	101.7	7.1 7.1	7.1	7.0	6.3 6.5	6.4	6.6	21 21	21.0	23.0		
				Middle	6	19.9 19.9	19.9	32.5 32.5	32.5	96.7 97.7	97.2	6.8 6.9	6.9		6.7 6.7			6.7			24 24	24.0
				Bottom	11	19.8 19.8	19.8	32.5 32.5	32.5	89.8 89.8	89.8	6.3 6.3	6.3		6.8 6.7			6.8			24 24	24.0
10-Dec-07	Sunny	Moderate	08:34	Surface	1	19.1 19.1	19.1	32.9 33.0	33.0	107.7 107.3	107.5	7.5 7.5	7.5	7.3	5.1 5.3	5.2	5.4	26 26	26.0	15.5		
				Middle	6	19.1 19.1	19.1	33.0 33.0	33.0	100.1 100.4	100.3	7.0 7.1	7.1		5.5 5.5			5.5			11 11	11.0
				Bottom	11	19.1 19.1	19.1	33.0 33.0	33.0	98.0 98.0	98.0	6.9 6.9	6.9		5.6 5.5			5.6			9 10	9.5
12-Dec-07	Sunny	Moderate	09:29	Surface	1	19.2 19.2	19.2	32.7 32.8	32.8	107.2 106.8	107.0	7.1 7.0	7.1	6.9	8.7 8.9	8.8	9.0	26 26	26.0	28.8		
				Middle	6	19.2 19.2	19.2	32.9 32.9	32.9	100.6 100.7	100.7	6.6 6.6	6.6		9.1 9.1			9.1			31 30	30.5
				Bottom	11	19.2 19.2	19.2	32.8 32.9	32.9	97.7 97.6	97.7	6.5 6.5	6.5		9.2 9.1			9.2			30 30	30.0
14-Dec-07	Sunny	Moderate	11:41	Surface	1	19.1 19.1	19.1	32.5 32.7	32.6	105.2 104.8	105.0	7.4 7.4	7.4	7.2	10.4 10.6	10.5	10.7	22 22	22.0	18.2		
				Middle	6	19.1 19.1	19.1	32.7 32.7	32.7	97.8 97.9	97.9	6.9 6.9	6.9		10.8 10.8			10.8			21 22	21.5
				Bottom	11	19.1 19.1	19.1	32.7 32.7	32.7	98.7 98.6	98.7	6.9 6.9	6.9		10.9 10.8			10.9			11 11	11.0
17-Dec-07	Sunny	Moderate	13:47	Surface	1	19.2 19.2	19.2	32.6 32.8	32.7	106.2 105.8	106.0	7.2 7.2	7.2	7.0	9.8 10.0	9.9	10.1	14 14	14.0	20.7		
				Middle	6	19.2 19.2	19.2	32.8 32.8	32.8	99.2 99.3	99.3	6.8 6.8	6.8		10.2 10.2			10.2			25 25	25.0
				Bottom	11	19.2 19.2	19.2	32.8 32.8	32.8	98.2 98.1	98.2	6.7 6.7	6.7		10.3 10.2			10.3			23 23	23.0
19-Dec-07	Cloudy	Moderate	14:56	Surface	1	19.2 19.2	19.2	32.6 32.7	32.7	106.5 106.1	106.3	6.9 6.9	6.9	6.7	10.7 10.9	10.8	11.0	20 20	20.0	20.0		
				Middle	6	19.2 19.2	19.2	32.8 32.7	32.8	100.1 100.1	100.1	6.5 6.5	6.5		11.1 11.1			11.1			14 15	14.5
				Bottom	11	19.2 19.2	19.2	32.7 32.7	32.7	97.8 97.7	97.8	6.4 6.4	6.4		11.2 11.1			11.2			26 25	25.5
21-Dec-07	Sunny	Moderate	15:54	Surface	1	19.3 19.3	19.3	33.8 33.9	33.9	112.7 112.4	112.6	7.6 7.6	7.6	7.5	11.3 11.5	11.4	11.6	14 15	14.5	22.3		
				Middle	6	19.3 19.3	19.3	33.9 33.9	33.9	108.1 108.0	108.1	7.3 7.3	7.3		11.7 11.7			11.7			25 24	24.5
				Bottom	11	19.2 19.2	19.2	33.8 33.9	33.9	106.2 106.1	106.2	7.2 7.2	7.2		11.8 11.7			11.8			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*	
3-Dec-07	Sunny	Moderate	09:18	Surface	1	19.7	19.7	33.5	33.5	112.0	111.9	7.8	7.8	7.7	5.7	5.7	7.8	20	20.0	26.0
						19.7	19.7	33.3	33.4	106.4	106.5	7.5	7.5		5.6	8.4		43	42.0	
				Middle	6	19.7	19.7	33.4	33.4	106.6	106.5	7.5	7.5		8.4	8.4		41	42.0	
				Bottom	11	19.7	19.7	33.5	33.5	102.3	102.6	7.2	7.2	7.2	9.4	9.4	7.8	16	16.0	
						19.7	19.7	33.4	33.5	102.9	102.6	7.2	7.2	7.2	9.4	9.4	7.8	16	16.0	
5-Dec-07	Fine	Moderate	09:50	Surface	1	18.8	18.8	32.8	32.8	104.8	104.8	7.4	7.4	7.3	5.7	5.7	7.8	13	13.5	16.7
						18.8	18.8	32.8	32.8	104.8	104.8	7.4	7.4		5.6	8.4		14	13.5	
				Middle	6	18.8	18.8	32.5	32.6	101.0	101.2	7.1	7.1		8.3	8.4		21	21.0	
						18.8	18.8	32.6	32.6	101.3	101.2	7.1	7.1	7.0	9.4	9.4	7.8	21	21.0	
				Bottom	11	18.8	18.8	32.8	32.7	98.1	98.5	6.9	7.0	7.0	9.4	9.4	7.8	15	15.5	
						18.8	18.8	32.6	32.7	98.9	98.5	7.0	7.0	7.0	9.4	9.4	7.8	16	15.5	
7-Dec-07	Sunny	Moderate	12:20	Surface	1	19.2	19.2	32.5	32.5	101.2	101.3	7.1	7.1	7.1	5.7	5.7	7.8	14	14.0	17.3
						19.2	19.2	32.5	32.5	101.3	101.3	7.1	7.1		5.6	8.4		14	14.0	
				Middle	6	19.2	19.2	32.1	32.2	98.3	98.5	6.9	7.0		8.3	8.4		9	9.5	
						19.2	19.2	32.2	32.2	98.7	98.5	7.0	7.0	6.8	9.4	9.4	7.8	10	9.5	
				Bottom	11	19.2	19.2	32.4	32.3	96.0	96.5	6.8	6.8	6.8	9.4	9.4	7.8	29	28.5	
						19.2	19.2	32.2	32.3	96.9	96.5	6.8	6.8	6.8	9.4	9.4	7.8	28	28.5	
10-Dec-07	Sunny	Moderate	12:56	Surface	1	20.1	20.1	32.6	32.8	106.4	106.4	7.5	7.5	7.4	4.5	4.5	6.6	20	20.0	22.2
						20.1	20.1	32.9	32.8	106.3	106.4	7.5	7.5		4.4	7.2		20	20.0	
				Middle	6	20.0	20.0	32.8	32.8	102.2	102.2	7.2	7.2		7.1	7.2		20	20.0	
						20.0	20.0	32.8	32.8	102.1	102.2	7.2	7.2	7.0	8.2	8.2	6.6	20	20.0	
				Bottom	11	20.0	20.0	33.0	32.9	98.9	99.3	7.0	7.0	7.0	8.2	8.2	6.6	27	26.5	
						20.0	20.0	32.8	32.9	99.6	99.3	7.0	7.0	7.0	8.2	8.2	6.6	26	26.5	
12-Dec-07	Sunny	Moderate	14:17	Surface	1	20.2	20.2	32.2	32.5	106.8	106.8	7.1	7.1	6.9	8.1	8.1	9.8	18	18.0	22.7
						20.2	20.2	32.7	32.5	106.7	106.8	7.0	7.1		8.0	8.1		18	18.0	
				Middle	6	20.1	20.1	32.8	32.8	100.8	100.8	6.7	6.7		10.1	10.2		23	23.0	
						20.1	20.1	32.8	32.8	100.7	100.8	6.7	6.7	6.6	11.2	11.2	9.8	23	23.0	
				Bottom	11	20.0	20.0	32.9	32.9	98.3	98.6	6.5	6.6	6.6	11.2	11.2	9.8	28	27.0	
						20.0	20.0	32.9	32.9	98.8	98.6	6.6	6.6	6.6	11.2	11.2	9.8	26	27.0	
14-Dec-07	Sunny	Moderate	15:28	Surface	1	20.2	20.2	31.8	32.2	104.3	104.3	7.4	7.4	7.2	9.8	9.8	11.5	25	25.0	28.7
						20.2	20.2	32.5	32.2	104.2	104.3	7.3	7.4		9.7	9.8		25	25.0	
				Middle	6	20.1	20.1	32.7	32.7	99.2	99.1	7.0	7.0		11.8	11.9		38	38.0	
						20.1	20.1	32.7	32.7	99.0	99.1	7.0	7.0	6.9	11.9	12.9	11.5	38	38.0	
				Bottom	11	20.0	20.0	32.7	32.7	96.7	97.3	6.8	6.9	6.9	12.9	12.9	11.5	23	23.0	
						20.0	20.0	32.6	32.7	97.8	97.3	6.9	6.9	6.9	12.9	12.9	11.5	23	23.0	
17-Dec-07	Sunny	Moderate	18:08	Surface	1	20.1	20.1	32.0	32.3	105.5	105.5	7.2	7.2	7.0	9.2	9.2	10.9	16	16.0	15.3
						20.1	20.1	32.6	32.3	105.4	105.5	7.2	7.2		9.1	9.2		16	16.0	
				Middle	6	20.0	20.0	32.7	32.7	100.0	99.9	6.8	6.8		11.2	11.3		16	16.0	
						20.0	20.0	32.7	32.7	99.8	99.9	6.8	6.8	6.7	11.3	11.3	10.9	16	16.0	
				Bottom	11	19.9	19.9	32.8	32.8	97.5	97.9	6.6	6.7	6.7	12.3	12.3	10.9	14	14.0	
						19.9	19.9	32.7	32.8	98.3	97.9	6.7	6.7	6.7	12.3	12.3	10.9	14	14.0	
19-Dec-07	Cloudy	Moderate	07:58	Surface	1	20.1	20.1	32.0	32.3	106.3	106.3	6.9	6.9	6.7	10.1	10.1	11.8	21	21.0	20.8
						20.1	20.1	32.6	32.3	106.2	106.3	6.9	6.9		10.0	10.1		21	21.0	
				Middle	6	19.9	19.9	32.8	32.8	99.7	99.7	6.5	6.5		12.1	12.2		23	23.0	
						19.9	19.9	32.8	32.8	99.6	99.7	6.5	6.5	6.5	12.2	12.2	11.8	23	23.0	
				Bottom	11	19.9	19.9	32.9	32.9	97.6	97.9	6.3	6.4	6.4	13.2	13.2	11.8	19	18.5	
						19.9	19.9	32.8	32.9	98.2	97.9	6.4	6.4	6.4	13.2	13.2	11.8	18	18.5	
21-Dec-07	Sunny	Moderate	10:16	Surface	1	20.1	20.1	33.5	33.7	114.6	114.5	7.8	7.8	7.6	10.7	10.7	12.4	24	24.0	20.7
						20.1	20.1	33.8	33.7	114.4	114.5	7.7	7.7		10.6	10.7		24	24.0	
				Middle	6	20.0	20.0	33.9	33.9	108.6	108.5	7.4	7.4		12.7	12.8		24	24.0	
						20.0	20.0	33.9	33.9	108.4	108.5	7.3	7.4	7.3	12.8	12.8	12.4	24	24.0	
				Bottom	11	20.0	20.0	33.9	33.9	106.6	106.7	7.2	7.3	7.3	13.8	13.8	12.4	14	14.0	
						20.0	20.0	33.9	33.9	106.8	106.7	7.3	7.3	7.3	13.8	13.8	12.4	14	14.0	

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*	
3-Dec-07	Sunny	Moderate	14:54	Surface	1	20.0	20.0	32.7	33.0	111.7	111.5	7.9	7.9	7.7	6.0	6.2	7.3	23	23.0	29.2
						20.0		33.3		111.3		7.8			6.3			23		
				Middle	6.5	19.9	19.9	33.5	33.5	106.1	105.8	7.4	7.4		7.3	7.7		36	36.0	
		19.9		33.5		105.5		7.4		8.0		7.7	36							
		19.8	19.8	33.5	33.5	101.8	102.1	7.2	7.2	8.3	8.1	7.2	7.2	29	28.5					
		19.8		33.5		102.4		7.2		7.9		7.2	7.2	28						
5-Dec-07	Fine	Moderate	15:57	Surface	1	19.1	19.1	31.6	32.1	105.4	105.3	7.4	7.4	7.2	7.3	7.5	8.6	12	12.0	22.5
						19.1		32.5		105.2		7.4			7.6			12		
				Middle	6.5	19.0	19.0	32.8	32.8	99.5	99.4	7.0	7.0		8.6	9.0		29	28.5	
		19.0		32.8		99.2		7.0		9.3		8.6	28							
		18.9	18.9	32.8	32.8	97.0	97.6	6.8	6.9	9.6	9.4	6.9	6.9	27	27.0					
		18.9		32.8		98.1		6.9		9.2		6.9	6.9	27						
7-Dec-07	Sunny	Moderate	16:29	Surface	1	20.0	20.0	31.1	31.6	102.2	102.2	7.2	7.2	7.0	7.3	7.5	8.6	26	25.5	19.8
						20.0		32.1		102.1		7.2			7.6			25		
				Middle	6.5	19.9	19.9	32.5	32.5	96.2	96.1	6.8	6.8		8.6	9.0		14	14.0	
		19.9		32.5		96.0		6.8		9.3		8.6	14							
		19.8	19.8	32.5	32.5	94.6	95.3	6.7	6.8	9.6	9.4	6.8	6.8	20	20.0					
		19.8		32.4		96.0		6.8		9.2		6.8	6.8	20						
10-Dec-07	Sunny	Moderate	08:15	Surface	1	19.1	19.1	32.3	32.6	107.1	107.0	7.5	7.5	7.3	6.1	6.3	7.4	28	28.0	25.7
						19.1		32.8		106.9		7.5			6.4			28		
				Middle	6.5	19.1	19.1	32.9	32.9	101.3	101.3	7.1	7.1		7.4	7.8		23	23.0	
		19.1		32.9		101.3		7.1		8.1		7.1	7.1	23						
		19.1	19.1	33.0	33.0	98.4	98.9	6.9	7.0	8.4	8.2	7.0	7.0	26	26.0					
		19.1		32.9		99.4		7.0		8.0		7.0	7.0	26						
12-Dec-07	Sunny	Moderate	09:11	Surface	1	19.2	19.2	32.5	32.7	106.7	106.7	7.0	7.0	6.9	9.1	9.3	10.4	24	24.5	23.3
						19.2		32.8		106.6		7.0			9.4			25		
				Middle	6.5	19.2	19.2	32.7	32.8	101.9	102.0	6.7	6.7		10.4	10.8		26	26.0	
		19.2		32.8		102.0		6.7		11.1		10.4	10.4	26						
		19.2	19.2	32.9	32.9	99.1	99.5	6.6	6.6	11.4	11.2	6.6	6.6	19	19.5					
		19.2		32.8		99.8		6.6		11.0		6.6	6.6	20						
14-Dec-07	Sunny	Moderate	11:22	Surface	1	19.1	19.1	32.4	32.5	104.1	104.1	7.3	7.3	7.2	10.8	11.0	12.1	32	32.0	25.7
						19.1		32.6		104.1		7.3			11.1			32		
				Middle	6.5	19.1	19.1	32.5	32.5	99.8	99.9	7.0	7.0		12.1	12.5		19	19.0	
		19.1		32.5		100.0		7.0		12.8		12.1	12.1	19						
		19.1	19.1	32.7	32.6	97.2	97.7	6.8	6.9	13.1	12.9	6.9	6.9	26	26.0					
		19.1		32.5		98.1		6.9		12.7		6.9	6.9	26						
17-Dec-07	Sunny	Moderate	13:29	Surface	1	19.2	19.2	32.4	32.6	105.4	105.4	7.2	7.2	7.1	10.2	10.4	11.5	14	14.0	15.7
						19.2		32.7		105.3		7.2			10.5			14		
				Middle	6.5	19.2	19.2	32.6	32.6	100.8	100.9	6.9	6.9		11.5	11.9		16	16.0	
		19.2		32.6		101.0		6.9		12.2		11.5	11.5	16						
		19.2	19.2	32.8	32.8	98.1	98.5	6.7	6.8	12.5	12.3	6.8	6.8	17	17.0					
		19.2		32.7		98.9		6.8		12.1		6.8	6.8	17						
19-Dec-07	Cloudy	Moderate	14:37	Surface	1	19.2	19.2	32.6	32.7	105.9	105.9	6.9	6.9	6.8	11.1	11.3	12.4	17	17.0	13.0
						19.2		32.7		105.8		6.9			11.4			17		
				Middle	6.5	19.2	19.2	32.6	32.6	101.6	101.7	6.6	6.6		12.4	12.8		10	10.0	
		19.2		32.6		101.8		6.6		13.1		12.4	12.4	10						
		19.2	19.2	32.8	32.8	99.0	99.3	6.4	6.5	13.4	13.2	6.5	6.5	12	12.0					
		19.2		32.7		99.5		6.5		13.0		6.5	6.5	12						
21-Dec-07	Sunny	Moderate	15:35	Surface	1	19.2	19.2	33.8	33.8	112.5	112.5	7.6	7.6	7.5	11.7	11.9	13.0	18	18.0	16.8
						19.2		33.8		112.4		7.6			12.0			18		
				Middle	6.5	19.3	19.3	33.8	33.8	108.9	108.9	7.4	7.4		13.0	13.4		19	19.0	
		19.3		33.8		108.8		7.4		13.7		13.0	13.0	19						
		19.3	19.3	33.9	33.9	106.6	106.7	7.2	7.2	14.0	13.8	7.2	7.2	13	13.5					
		19.3		33.8		106.8		7.2		13.6		7.2	7.2	14						

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*				
3-Dec-07	Sunny	Moderate	09:08	Surface	1	19.8 19.8	19.8	33.3 33.3	33.3	109.5 109.5	109.5	7.6 7.6	7.6	7.6	10.4 10.0	10.2	10.8	18 18	18.0	18.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	19.5 19.5	19.5	33.6 33.5	33.6	102.7 102.9	102.8	7.2 7.2	7.2		7.2	11.5 11.2		11.4	18 18		18.0		
5-Dec-07	Fine	Moderate	09:39	Surface	1	18.9 18.9	18.9	32.5 32.5	32.5	104.4 104.5	104.5	7.3 7.3	7.3	7.3	7.8 7.4	7.6	8.2	27 27	27.0	19.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	18.7 18.6	18.7	32.8 32.8	32.8	96.6 96.9	96.8	6.8 6.8	6.8		6.8	8.9 8.6		8.8	11 12		11.5		
7-Dec-07	Sunny	Moderate	12:10	Surface	1	19.2 19.2	19.2	32.2 32.1	32.2	101.9 102.0	102.0	7.2 7.2	7.2	7.2	7.8 7.4	7.6	8.2	29 28	28.5	32.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-		
				Bottom	3	19.0 19.0	19.0	32.5 32.5	32.5	93.5 93.9	93.7	6.6 6.6	6.6		6.6	8.9 8.6		8.8	36 36		36.0		
10-Dec-07	Sunny	Moderate	12:46	Surface	1	20.0 20.0	20.0	32.8 32.7	32.8	105.8 105.6	105.7	7.4 7.4	7.4	7.4	6.6 6.2	6.4	7.0	10 10	10.0	11.8			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-				
				Bottom	3	19.8 19.8	19.8	33.0 33.0	33.0	98.0 98.2	98.1	6.9 6.9	6.9		6.9	7.7 7.4		7.6	13 14		13.5		
12-Dec-07	Sunny	Moderate	14:07	Surface	1	20.1 20.1	20.1	32.7 32.7	32.7	106.3 106.2	106.3	7.0 7.0	7.0	7.0	9.6 9.2	9.4	10.3	21 21	21.0	20.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-					
				Bottom	3	19.8 19.9	19.9	32.9 32.9	32.9	95.5 95.5	95.5	6.3 6.3	6.3		6.3	11.3 11.0		11.2	20 20		20.0		
14-Dec-07	Sunny	Moderate	15:18	Surface	1	20.1 20.1	20.1	32.5 32.5	32.5	103.5 103.3	103.4	7.3 7.3	7.3	7.3	11.3 10.9	11.1	12.0	26 26	26.0	30.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-					
				Bottom	3	19.8 19.8	19.8	32.7 32.7	32.7	95.0 95.0	95.0	6.7 6.7	6.7		6.7	13.0 12.7		12.9	34 34		34.0		
17-Dec-07	Sunny	Moderate	17:58	Surface	1	20.0 20.0	20.0	32.6 32.6	32.6	104.9 104.7	104.8	7.1 7.1	7.1	7.1	10.7 10.3	10.5	11.4	16 16	16.0	16.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-					
				Bottom	3	19.7 19.8	19.8	32.8 32.8	32.8	95.2 95.2	95.2	6.5 6.5	6.5		6.5	12.4 12.1		12.3	16 17		16.5		
19-Dec-07	Cloudy	Moderate	07:48	Surface	1	20.0 20.0	20.0	32.6 32.6	32.6	105.9 105.7	105.8	6.9 6.9	6.9	6.9	11.6 11.2	11.4	12.3	14 14	14.0	19.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-					
				Bottom	3	19.7 19.7	19.7	32.8 32.8	32.8	94.1 94.0	94.1	6.1 6.1	6.1		6.1	13.3 13.0		13.2	24 24		24.0		
21-Dec-07	Sunny	Moderate	10:06	Surface	1	20.0 20.0	20.0	33.8 33.8	33.8	114.0 113.8	113.9	7.7 7.7	7.7	7.7	12.2 11.8	12.0	12.9	16 16	16.0	19.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-					
				Bottom	3	19.8 19.8	19.8	33.8 33.8	33.8	107.1 106.9	107.0	7.3 7.3	7.3		7.3	13.9 13.6		13.8	22 22		22.0		

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*					
3-Dec-07	Sunny	Moderate	14:44	Surface	1	19.9 19.9	19.9	33.4 33.3	33.4	109.8 109.2	109.5	7.7 7.6	7.7	7.7	12.8 12.8	12.8	14.0	19 19	19.0	19.0				
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-	-
				Bottom	4	19.6 19.7	19.7	33.5 33.5	33.5	102.6 102.5	102.6	7.2 7.2	7.2		7.2	15.9 14.5		15.2	19 19		19.0			
5-Dec-07	Fine	Moderate	15:46	Surface	1	19.0 19.0	19.0	32.6 32.6	32.6	104.1 103.8	104.0	7.3 7.3	7.3	7.3	8.9 8.9	8.9	9.9	23 24	23.5	21.8				
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-	
				Bottom	4	18.7 18.8	18.8	32.8 32.8	32.8	95.6 95.4	95.5	6.7 6.7	6.7		6.7	11.0 10.6		10.8	20 20		20.0			
7-Dec-07	Sunny	Moderate	16:19	Surface	1	19.9 19.9	19.9	32.3 32.2	32.3	101.2 101.1	101.2	7.1 7.1	7.1	7.1	8.9 8.9	8.9	9.9	24 23	23.5	22.8				
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-		
				Bottom	4	19.6 19.7	19.7	32.5 32.5	32.5	92.1 91.8	92.0	6.5 6.5	6.5		6.5	11.0 10.6		10.8	22 22		22.0			
10-Dec-07	Sunny	Moderate	08:05	Surface	1	19.1 19.1	19.1	32.8 32.7	32.8	105.3 105.3	105.3	7.4 7.4	7.4	7.4	7.7 7.7	7.7	8.7	14 14	14.0	17.8				
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-		
				Bottom	4	18.9 18.9	18.9	33.0 33.0	33.0	97.4 97.3	97.4	6.9 6.9	6.9		6.9	9.8 9.4		9.6	21 22		21.5			
12-Dec-07	Sunny	Moderate	09:00	Surface	1	19.2 19.2	19.2	32.7 32.6	32.7	106.3 106.3	106.3	7.0 7.0	7.0	7.0	10.7 10.7	10.7	11.7	25 25	25.0	20.5				
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-		
				Bottom	4	19.0 19.0	19.0	32.9 32.9	32.9	95.9 96.0	96.0	6.4 6.4	6.4		6.4	12.8 12.4		12.6	16 16		16.0			
14-Dec-07	Sunny	Moderate	11:12	Surface	1	19.2 19.2	19.2	32.5 32.4	32.5	103.6 103.6	103.6	7.3 7.3	7.3	7.3	12.4 12.4	12.4	13.4	32 33	32.5	25.3				
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-			
				Bottom	4	19.0 18.9	19.0	32.7 32.7	32.7	95.4 95.6	95.5	6.7 6.7	6.7		6.7	14.5 14.1		14.3	18 18		18.0			
17-Dec-07	Sunny	Moderate	13:18	Surface	1	19.3 19.3	19.3	32.6 32.5	32.6	104.9 104.9	104.9	7.1 7.1	7.1	7.1	11.8 11.8	11.8	12.8	15 16	15.5	20.3				
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-					
				Bottom	4	19.0 19.0	19.0	32.8 32.8	32.8	95.6 95.8	95.7	6.5 6.6	6.6		6.6	13.9 13.5		13.7	25 25		25.0			
19-Dec-07	Cloudy	Moderate	14:27	Surface	1	19.2 19.2	19.2	32.6 32.5	32.6	106.1 106.1	106.1	6.9 6.9	6.9	6.9	12.7 12.7	12.7	13.7	23 23	23.0	20.5				
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-					
				Bottom	4	19.0 19.0	19.0	32.8 32.8	32.8	95.0 95.3	95.2	6.2 6.2	6.2		6.2	14.8 14.4		14.6	18 18		18.0			
21-Dec-07	Sunny	Moderate	15:25	Surface	1	19.3 19.3	19.3	33.8 33.7	33.8	112.7 112.7	112.7	7.6 7.6	7.6	7.6	13.3 13.3	13.3	14.3	28 28	28.0	22.0				
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-					
				Bottom	4	19.1 19.0	19.1	33.8 33.8	33.8	106.4 106.4	106.4	7.2 7.2	7.2		7.2	15.4 15.0		15.2	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*				
3-Dec-07	Sunny	Moderate	08:35	Surface	1	19.8 19.7	19.8	33.2 33.2	33.2	109.1 109.3	109.2	7.6 7.6	7.6	7.6	5.6 5.7	5.7	6.1	23 23	23.0	26.8			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	19.5 19.6	19.6	33.5 33.5	33.5	103.0 102.8	102.9	7.2 7.2	7.2		7.2	6.4 6.3		6.4	31 30		30.5		
5-Dec-07	Fine	Moderate	09:06	Surface	1	18.9 18.9	18.9	32.5 32.5	32.5	104.4 104.6	104.5	7.3 7.3	7.3	7.3	5.6 5.7	5.7	6.1	25 26	25.5	20.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	18.6 18.7	18.7	32.8 32.8	32.8	96.5 96.1	96.3	6.8 6.8	6.8		6.8	6.4 6.3		6.4	15 16		15.5		
7-Dec-07	Sunny	Moderate	11:36	Surface	1	19.2 19.2	19.2	32.1 32.1	32.1	102.1 102.3	102.2	7.2 7.2	7.2	7.2	5.6 5.7	5.7	6.1	15 15	15.0	15.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-		
				Bottom	3	18.9 19.0	19.0	32.5 32.5	32.5	93.3 92.8	93.1	6.6 6.5	6.6		6.6	6.4 6.3		6.4	16 16		16.0		
10-Dec-07	Sunny	Moderate	12:12	Surface	1	20.0 20.0	20.0	32.6 32.6	32.6	105.6 105.7	105.7	7.4 7.4	7.4	7.4	4.4 4.5	4.5	4.9	8 9	8.5	13.8			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-				
				Bottom	3	19.8 19.8	19.8	33.0 33.0	33.0	99.1 98.9	99.0	7.0 6.9	7.0		7.0	5.2 5.1		5.2	19 19		19.0		
12-Dec-07	Sunny	Moderate	13:33	Surface	1	20.1 20.1	20.1	32.4 32.4	32.4	106.8 106.9	106.9	7.0 7.0	7.0	7.0	8.0 8.1	8.1	8.5	25 25	25.0	26.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-					
				Bottom	3	19.8 19.8	19.8	32.9 32.9	32.9	96.5 96.2	96.4	6.4 6.4	6.4		6.4	8.8 8.7		8.8	27 27		27.0		
14-Dec-07	Sunny	Moderate	14:44	Surface	1	20.0 20.0	20.0	32.2 32.2	32.2	103.9 104.1	104.0	7.3 7.3	7.3	7.3	9.7 9.8	9.8	10.2	20 21	20.5	24.8			
				Middle	-	-	-	-	-	-	-	-	-		-	-							
				Bottom	3	19.8 19.8	19.8	32.7 32.7	32.7	97.4 97.1	97.3	6.9 6.8	6.9		6.9	10.5 10.4		10.5	29 29		29.0		
17-Dec-07	Sunny	Moderate	17:24	Surface	1	20.0 20.0	20.0	32.3 32.3	32.3	105.3 105.5	105.4	7.2 7.2	7.2	7.2	9.1 9.2	9.2	9.6	17 17	17.0	18.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-							
				Bottom	3	19.7 19.7	19.7	32.8 32.8	32.8	96.9 96.6	96.8	6.6 6.6	6.6		6.6	9.9 9.8		9.9	19 19		19.0		
19-Dec-07	Cloudy	Moderate	07:14	Surface	1	19.9 19.9	19.9	32.3 32.3	32.3	106.6 106.8	106.7	6.9 6.9	6.9	6.9	10.0 10.1	10.1	10.5	22 22	22.0	20.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-							
				Bottom	3	19.7 19.7	19.7	32.8 32.8	32.8	95.4 95.1	95.3	6.2 6.2	6.2		6.2	10.8 10.7		10.8	19 19		19.0		
21-Dec-07	Sunny	Moderate	09:32	Surface	1	20.0 20.0	20.0	33.6 33.6	33.6	110.0 109.8	109.9	7.5 7.4	7.5	7.5	10.6 10.7	10.7	11.1	13 13	13.0	15.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-							
				Bottom	3	19.7 19.8	19.8	33.9 33.9	33.9	103.3 102.9	103.1	7.1 7.0	7.1		7.1	11.4 11.3		11.4	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 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*	
3-Dec-07	Sunny	Moderate	14:10	Surface	1	19.8 19.8	19.8	33.1 33.1	33.1	109.2 109.2	109.2	7.6 7.6	7.6	7.6	5.8 5.9	5.9	7.4	28 28	28.0	24.0
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-	
				Bottom	3	19.6 19.6	19.6	33.5 33.5	33.5	105.0 105.0	105.0	7.4 7.4	7.4		7.4	8.6 8.9		8.8	20 20	
5-Dec-07	Fine	Moderate	15:13	Surface	1	19.0 19.0	19.0	32.3 32.3	32.3	104.6 104.7	104.7	7.4 7.4	7.4	7.4	5.8 5.9	5.9	7.4	32 32	32.0	24.0
				Middle	-	-	-	-	-	-	-	-	-		-	-		-		
				Bottom	3	18.7 18.7	18.7	32.8 32.8	32.8	98.8 98.5	98.7	7.0 6.9	7.0		7.0	8.6 8.9		8.8	16 16	
7-Dec-07	Sunny	Moderate	15:45	Surface	1	19.8 19.8	19.8	31.9 31.9	31.9	102.3 102.5	102.4	7.2 7.2	7.2	7.2	5.8 5.9	5.9	7.4	19 20	19.5	24.8
				Middle	-	-	-	-	-	-	-	-	-		-	-		-		
				Bottom	3	19.6 19.6	19.6	32.5 32.5	32.5	95.7 95.3	95.5	6.8 6.7	6.8		6.8	8.6 8.9		8.8	30 30	
10-Dec-07	Sunny	Moderate	07:32	Surface	1	19.1 19.1	19.1	32.6 32.5	32.6	105.7 105.9	105.8	7.4 7.4	7.4	7.4	4.6 4.7	4.7	6.2	17 17	17.0	16.8
				Middle	-	-	-	-	-	-	-	-	-		-	-		-		
				Bottom	3	18.9 19.0	19.0	33.0 33.0	33.0	99.3 99.0	99.2	7.0 7.0	7.0		7.0	7.4 7.7		7.6	16 17	
12-Dec-07	Sunny	Moderate	08:27	Surface	1	19.2 19.2	19.2	32.5 32.5	32.5	106.9 107.0	107.0	7.1 7.0	7.1	7.1	8.2 8.3	8.3	9.6	16 16	16.0	17.3
				Middle	-	-	-	-	-	-	-	-	-		-	-		-		
				Bottom	3	18.9 19.0	19.0	32.9 32.9	32.9	94.8 94.5	94.7	6.3 6.3	6.3		6.3	11.0 10.7		10.9	18 19	
14-Dec-07	Sunny	Moderate	10:38	Surface	1	19.2 19.2	19.2	32.3 32.3	32.3	103.9 104.1	104.0	7.3 7.3	7.3	7.3	9.9 10.0	10.0	11.3	28 26	27.0	23.0
				Middle	-	-	-	-	-	-	-	-	-		-	-		-		
				Bottom	3	18.9 19.0	19.0	32.7 32.7	32.7	96.3 95.9	96.1	6.8 6.7	6.8		6.8	12.7 12.4		12.6	19 19	
17-Dec-07	Sunny	Moderate	12:45	Surface	1	19.3 19.2	19.3	32.4 32.4	32.4	105.4 105.5	105.5	7.2 7.2	7.2	7.2	9.3 9.4	9.4	10.7	26 26	26.0	24.3
				Middle	-	-	-	-	-	-	-	-	-		-	-		-		
				Bottom	3	19.0 19.1	19.1	32.8 32.8	32.8	95.5 95.2	95.4	6.5 6.5	6.5		6.5	12.1 11.8		12.0	22 23	
19-Dec-07	Cloudy	Moderate	13:53	Surface	1	19.2 19.2	19.2	32.4 32.4	32.4	106.8 106.8	106.8	6.9 6.9	6.9	6.9	10.2 10.3	10.3	11.6	12 12	12.0	14.0
				Middle	-	-	-	-	-	-	-	-	-		-	-		-		
				Bottom	3	19.0 19.0	19.0	32.8 32.8	32.8	92.9 92.6	92.8	6.1 6.1	6.1		6.1	13.0 12.7		12.9	16 16	
21-Dec-07	Sunny	Moderate	14:51	Surface	1	19.3 19.3	19.3	33.6 33.6	33.6	109.9 109.6	109.8	7.5 7.4	7.5	7.5	10.8 10.9	10.9	12.2	25 24	24.5	20.3
				Middle	-	-	-	-	-	-	-	-	-		-	-		-		
				Bottom	3	19.0 19.1	19.1	33.9 33.8	33.9	101.8 101.5	101.7	7.0 6.9	7.0		7.0	13.6 13.3		13.5	16 16	

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*		
3-Dec-07	Sunny	Moderate	09:01	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				Middle	1	19.8	19.8	33.5	33.5	106.6	106.7	7.5	7.5	7.5	7.5	7.5	9.3	9.3	9.3	34	34.0	34.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5-Dec-07	Fine	Moderate	09:33	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				Middle	1	18.9	18.9	32.7	32.8	102.9	103.0	7.2	7.2	7.2	7.2	7.2	8.1	8.1	8.1	16	16.0	16.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7-Dec-07	Sunny	Moderate	12:03	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				Middle	1	19.2	19.2	32.4	32.4	101.0	101.1	7.1	7.1	7.1	7.1	7.1	8.1	8.1	8.1	8	8.5	8.5
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10-Dec-07	Sunny	Moderate	12:39	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				Middle	1	20.0	20.0	32.0	32.3	104.9	105.0	7.4	7.4	7.4	7.4	7.4	6.9	6.9	6.9	20	20.0	20.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12-Dec-07	Sunny	Moderate	14:00	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				Middle	1	20.1	20.1	31.2	31.5	107.1	107.9	6.7	6.7	6.7	6.7	6.7	9.9	9.9	9.9	27	27.0	27.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14-Dec-07	Sunny	Moderate	15:11	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				Middle	1	20.0	20.0	30.8	31.3	103.8	103.8	7.4	7.4	7.4	7.4	7.4	11.6	11.6	11.6	34	34.0	34.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17-Dec-07	Sunny	Moderate	17:51	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				Middle	1	20.0	20.0	31.0	31.4	105.4	105.3	7.0	7.0	7.0	7.0	7.0	11.0	11.0	11.0	25	25.0	25.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19-Dec-07	Cloudy	Moderate	07:41	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				Middle	1	19.9	19.9	30.7	31.1	107.4	107.0	6.5	6.5	6.5	6.5	6.5	11.9	11.9	11.9	17	17.0	17.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21-Dec-07	Sunny	Moderate	09:59	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				Middle	1	20.0	20.0	32.8	33.0	115.8	115.4	7.6	7.6	7.6	7.6	7.6	12.5	12.5	12.5	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 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*			
3-Dec-07	Sunny	Moderate	14:37	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				Middle	1.4	19.9	19.9	31.7	32.0	108.9	108.9	7.7	7.7	7.7	7.7	7.7	11.1	11.0	11.0	33	33.5	33.5
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5-Dec-07	Fine	Moderate	15:40	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				Middle	1.4	19.0	19.0	30.3	30.6	104.8	104.8	7.5	7.5	7.5	7.5	7.5	9.8	9.7	9.7	19	18.5	18.5
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
7-Dec-07	Sunny	Moderate	16:12	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				Middle	1.4	19.9	19.9	29.6	30.0	102.8	102.8	7.3	7.3	7.3	7.3	7.3	9.8	9.7	9.7	39	38.5	38.5
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10-Dec-07	Sunny	Moderate	07:58	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				Middle	1.4	19.2	19.2	31.5	31.7	104.7	104.7	7.4	7.4	7.4	7.4	7.4	8.6	8.5	8.5	34	34.0	34.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12-Dec-07	Sunny	Moderate	08:54	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				Middle	1.4	19.2	19.2	31.9	32.0	108.1	107.9	6.7	6.7	6.7	6.7	6.7	11.6	11.5	11.5	30	29.5	29.5
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14-Dec-07	Sunny	Moderate	11:05	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				Middle	1.4	19.2	19.2	31.9	32.1	102.8	102.9	7.3	7.3	7.3	7.3	7.3	13.3	13.2	13.2	24	24.0	24.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
17-Dec-07	Sunny	Moderate	13:12	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				Middle	1.3	19.3	19.3	31.9	32.0	105.4	105.4	7.0	7.0	7.0	7.0	7.0	12.7	12.6	12.6	23	23.0	23.0
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19-Dec-07	Cloudy	Moderate	14:20	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				Middle	1.3	19.2	19.2	32.1	32.2	108.4	108.2	6.5	6.5	6.5	6.5	6.5	13.6	13.5	13.5	20	20.5	20.5
				Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21-Dec-07	Sunny	Moderate	15:18	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
				Middle	1.4	19.3	19.3	33.5	33.6	115.7	115.6	7.6	7.6	7.6	7.6	7.6	14.2	14.1	14.1	10	10.0	10.0
				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*	
3-Dec-07	Sunny	Moderate	09:29	Surface	1	19.7	19.7	33.5	33.5	113.7	113.7	8.0	8.0	7.7	4.0	4.1	6.2	61	60.5	32.2
						19.7	19.7	33.4	33.5	113.7	113.7	8.0	8.0		4.1	4.1		60	60.5	
				Middle	6.5	19.7	19.7	33.5	33.5	105.4	105.4	7.4	7.4		7.3	7.3		22	22.0	
				19.7	19.7	33.5	33.5	105.4	105.4	7.4	7.4	7.4	7.4	7.2	7.3	22	22.0			
				Bottom	12	19.7	19.7	33.5	33.5	100.5	100.5	7.1	7.1	7.1	7.1	7.2	7.2	14	14.0	
						19.7	19.7	33.5	33.5	100.4	100.4	7.1	7.1	7.1	7.3	7.2	14	14.0		
5-Dec-07	Fine	Moderate	10:00	Surface	1	18.8	18.8	32.8	32.8	106.0	106.0	7.4	7.4	7.2	4.0	4.1	6.2	29	28.5	18.0
						18.8	18.8	32.7	32.7	106.0	106.0	7.4	7.4		4.1	4.1		28	28.5	
				Middle	6.5	18.8	18.8	32.7	32.7	99.9	100.0	7.0	7.0		7.3	7.3		14	14.0	
				18.8	18.8	32.7	32.7	100.1	100.0	7.0	7.0	7.2	7.3	14	14.0					
				Bottom	12	18.8	18.8	32.8	32.8	95.2	95.2	6.7	6.7	6.7	7.1	7.2	11	11.5		
						18.8	18.8	32.8	32.8	95.2	95.2	6.7	6.7	6.7	7.3	7.2	12	11.5		
7-Dec-07	Sunny	Moderate	12:30	Surface	1	19.2	19.2	32.4	32.4	102.1	102.1	7.2	7.2	7.1	4.0	4.1	6.2	12	12.0	19.2
						19.2	19.2	32.4	32.4	102.1	102.1	7.2	7.2		4.1	4.1		12	12.0	
				Middle	6.5	19.2	19.2	32.3	32.4	97.1	97.5	6.8	6.9		7.3	7.3		23	23.5	
				19.2	19.2	32.4	32.4	97.5	97.3	6.9	6.9	7.2	7.3	24	23.5					
				Bottom	12	19.2	19.2	32.5	32.5	92.6	92.6	6.5	6.5	6.5	7.1	7.2	22	22.0		
						19.2	19.2	32.5	32.5	92.6	92.6	6.5	6.5	6.5	7.3	7.2	22	22.0		
10-Dec-07	Sunny	Moderate	13:07	Surface	1	20.1	20.1	32.9	32.7	108.7	108.8	7.6	7.6	7.4	2.8	2.9	5.0	15	15.0	22.8
						20.1	20.1	32.5	32.7	108.9	108.8	7.6	7.6		2.9	2.9		15	15.0	
				Middle	6.5	20.0	20.0	32.9	32.9	101.5	101.8	7.1	7.2		6.1	6.1		19	18.5	
				20.0	20.0	32.9	32.9	101.8	101.7	7.2	7.2	6.0	6.1	18	18.5					
				Bottom	12	20.0	20.0	33.0	33.0	97.1	97.2	6.8	6.8	6.8	5.9	6.0	35	35.0		
						20.0	20.0	33.0	33.0	97.3	97.3	6.8	6.8	6.8	6.1	6.0	35	35.0		
12-Dec-07	Sunny	Moderate	14:28	Surface	1	20.1	20.2	32.8	32.5	107.8	107.9	7.1	7.1	6.9	6.4	6.5	8.6	18	18.0	21.3
						20.2	20.2	32.2	32.5	108.0	107.9	7.1	7.1		6.5	6.5		18	18.0	
				Middle	6.5	20.1	20.1	32.8	32.8	101.8	102.0	6.7	6.7		9.7	9.7		23	23.0	
				20.1	20.1	32.8	32.8	102.0	101.9	6.7	6.7	9.6	9.7	23	23.0					
				Bottom	12	20.1	20.1	32.8	32.9	97.7	97.7	6.4	6.5	6.5	9.5	9.6	23	23.0		
						20.1	20.1	32.9	32.9	97.7	97.7	6.5	6.5	6.5	9.7	9.6	23	23.0		
14-Dec-07	Sunny	Moderate	15:38	Surface	1	20.1	20.1	32.6	32.2	105.8	106.0	7.4	7.5	7.3	8.1	8.2	10.3	33	33.5	30.3
						20.1	20.1	31.8	32.2	106.1	106.0	7.5	7.5		8.2	8.2		34	33.5	
				Middle	6.5	20.1	20.1	32.7	32.7	100.0	100.4	7.0	7.1		11.4	11.4		20	20.0	
				20.1	20.1	32.7	32.7	100.4	100.2	7.1	7.1	11.3	11.4	20	20.0					
				Bottom	12	20.0	20.0	32.7	32.7	95.0	95.1	6.7	6.7	6.7	11.2	11.3	39	37.5		
						20.0	20.0	32.7	32.7	95.2	95.2	6.7	6.7	6.7	11.4	11.3	36	37.5		
17-Dec-07	Sunny	Moderate	18:18	Surface	1	20.0	20.0	32.7	32.4	106.8	106.9	7.3	7.3	7.1	7.5	7.6	9.7	17	17.0	16.7
						20.0	20.0	32.0	32.4	107.0	106.9	7.3	7.3		7.6	7.6		17	17.0	
				Middle	6.5	20.0	20.0	32.8	32.8	100.9	101.2	6.9	6.9		10.8	10.8		17	17.0	
				20.0	20.0	32.8	32.8	101.2	101.1	6.9	6.9	10.7	10.7	17	17.0					
				Bottom	12	20.0	20.0	32.8	32.8	96.3	96.4	6.6	6.6	6.6	10.6	10.7	16	16.0		
						20.0	20.0	32.8	32.8	96.4	96.4	6.6	6.6	6.6	10.8	10.7	16	16.0		
19-Dec-07	Cloudy	Moderate	08:09	Surface	1	20.0	20.0	32.7	32.4	106.9	107.0	6.9	7.0	6.8	8.4	8.5	10.6	9	9.0	9.0
						20.0	20.0	32.0	32.4	107.0	107.0	7.0	7.0		8.5	8.5		9	9.0	
				Middle	6.5	19.9	19.9	32.7	32.8	101.5	101.7	6.6	6.6		11.7	11.7		7	7.0	
				19.9	19.9	32.8	32.8	101.7	101.6	6.6	6.6	11.6	11.6	7	7.0					
				Bottom	12	19.9	19.9	32.7	32.8	97.3	97.3	6.3	6.3	6.3	11.5	11.6	11	11.0		
						19.9	19.9	32.8	32.8	97.3	97.3	6.3	6.3	6.3	11.7	11.6	11	11.0		
21-Dec-07	Sunny	Moderate	10:26	Surface	1	20.1	20.1	33.8	33.7	112.6	112.6	7.6	7.6	7.5	9.0	9.1	11.2	20	20.0	24.3
						20.1	20.1	33.5	33.7	112.6	112.6	7.6	7.6		9.1	9.1		20	20.0	
				Middle	6.5	20.0	20.0	33.8	33.8	108.5	108.5	7.4	7.4		12.3	12.3		26	26.0	
				20.0	20.0	33.8	33.8	108.5	108.5	7.4	7.4	12.2	12.3	26	26.0					
				Bottom	12	20.0	20.0	33.8	33.8	105.9	105.9	7.2	7.2	7.2	12.1	12.2	27	27.0		
						20.0	20.0	33.8	33.8	105.9	105.9	7.2	7.2	7.2	12.3	12.2	27	27.0		

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*	
3-Dec-07	Sunny	Moderate	15:04	Surface	1	19.9	19.9	33.4	33.0	115.4	115.6	8.1	8.1	7.8	7.2	7.2	7.2	25	25.0	28.3
						19.9	19.9	32.6	33.5	115.7	106.0	8.1	7.4		7.2	7.0		25	40.0	
				Middle	7	19.9	19.9	33.5	33.5	106.2	106.1	7.5	7.5		7.5	6.9		7.0	40	
				Bottom	13	19.8	19.8	33.5	33.5	101.7	101.9	7.1	7.2	7.2	7.4	7.4	7.2	20	20.0	
						19.8	19.8	33.5	33.5	102.1	101.9	7.2	7.2	7.2	7.4	7.4	7.2	20	20.0	
5-Dec-07	Fine	Moderate	16:07	Surface	1	19.0	19.1	32.7	32.2	107.1	107.3	7.5	7.6	7.4	8.5	8.5	8.5	13	13.0	20.3
						19.1	19.0	31.6	32.8	107.4	101.0	7.6	7.1		8.5	8.3		13	13.0	
				Middle	7	19.0	19.0	32.8	32.8	101.4	101.2	7.1	7.1		7.1	8.2		8.3	13	
				Bottom	13	19.0	19.0	32.8	32.8	95.9	96.1	6.7	6.8	6.8	8.7	8.7	6.8	35	35.0	
						19.0	19.0	32.8	32.8	96.2	96.1	6.8	6.8	6.8	8.7	8.7	6.8	35	35.0	
7-Dec-07	Sunny	Moderate	16:39	Surface	1	19.9	19.9	32.4	31.8	103.0	103.2	7.2	7.3	7.2	8.5	8.5	8.5	12	12.0	16.7
						19.9	19.9	31.1	32.5	103.3	98.5	7.3	7.0		8.5	8.3		12	12.0	
				Middle	7	19.9	19.9	32.5	32.5	99.0	98.8	6.9	7.0		7.0	8.2		8.3	16	
				Bottom	13	19.8	19.8	32.4	32.4	93.0	93.1	6.5	6.6	6.6	8.7	8.7	6.6	22	22.0	
						19.8	19.8	32.4	32.4	93.2	93.1	6.6	6.6	6.6	8.7	8.7	6.6	22	22.0	
10-Dec-07	Sunny	Moderate	08:26	Surface	1	19.1	19.1	32.9	32.6	108.3	108.4	7.6	7.6	7.4	7.3	7.3	7.3	19	19.0	19.5
						19.1	19.1	32.3	33.0	108.5	101.9	7.6	7.2		7.3	7.1		19	19.0	
				Middle	7	19.1	19.1	33.0	33.0	102.2	102.1	7.2	7.2		7.2	7.0		7.1	20	
				Bottom	13	19.1	19.1	33.0	33.0	96.7	96.8	6.8	6.8	6.8	7.5	7.5	6.8	19	19.5	
						19.1	19.1	33.0	33.0	96.8	96.8	6.8	6.8	6.8	7.5	7.5	6.8	20	20.0	
						19.1	19.1	33.0	33.0	96.8	96.8	6.8	6.8	6.8	7.5	7.5	6.8	19	19.5	
						19.1	19.1	33.0	33.0	96.8	96.8	6.8	6.8	6.8	7.5	7.5	6.8	20	20.0	
12-Dec-07	Sunny	Moderate	09:21	Surface	1	19.2	19.2	32.8	32.7	107.4	107.4	7.1	7.1	6.9	10.3	10.3	10.3	30	29.0	27.7
						19.2	19.2	32.5	32.8	107.4	101.7	7.1	6.7		10.3	10.1		26	26.0	
				Middle	7	19.2	19.2	32.8	32.8	101.9	101.8	6.7	6.7		6.7	10.0		10.1	26	
				Bottom	13	19.2	19.2	32.9	32.9	97.4	97.4	6.4	6.4	6.4	10.5	10.5	6.4	28	28.0	
						19.2	19.2	32.9	32.9	97.3	97.4	6.4	6.4	6.4	10.5	10.5	6.4	28	28.0	
						19.2	19.2	32.9	32.9	97.3	97.4	6.4	6.4	6.4	10.5	10.5	6.4	28	28.0	
14-Dec-07	Sunny	Moderate	11:32	Surface	1	19.2	19.2	32.7	32.5	105.2	105.3	7.4	7.4	7.2	12.0	12.0	12.0	21	21.0	20.3
						19.2	19.1	32.3	32.7	105.3	99.5	7.4	7.0		12.0	11.8		21	21.0	
				Middle	7	19.1	19.1	32.7	32.7	99.8	99.7	7.0	7.0		7.0	11.7		11.8	28	
				Bottom	13	19.1	19.1	32.7	32.7	94.6	94.7	6.7	6.7	6.7	12.2	12.2	6.7	12	12.0	
						19.1	19.1	32.7	32.7	94.7	94.7	6.7	6.7	6.7	12.2	12.2	6.7	12	12.0	
						19.1	19.1	32.7	32.7	94.7	94.7	6.7	6.7	6.7	12.2	12.2	6.7	12	12.0	
17-Dec-07	Sunny	Moderate	13:39	Surface	1	19.2	19.2	32.7	32.6	106.3	106.3	7.2	7.2	7.1	11.4	11.4	11.4	23	23.0	23.7
						19.2	19.2	32.4	32.7	106.3	100.6	7.2	6.9		11.4	11.2		23	23.0	
				Middle	7	19.2	19.2	32.7	32.7	100.7	100.7	6.9	6.9		6.9	11.1		11.2	24	
				Bottom	13	19.2	19.2	32.8	32.8	96.0	96.0	6.5	6.5	6.5	11.6	11.6	6.5	24	24.0	
						19.2	19.2	32.8	32.8	96.0	96.0	6.5	6.5	6.5	11.6	11.6	6.5	24	24.0	
						19.2	19.2	32.8	32.8	96.0	96.0	6.5	6.5	6.5	11.6	11.6	6.5	24	24.0	
19-Dec-07	Cloudy	Moderate	14:48	Surface	1	19.2	19.2	32.7	32.6	106.4	106.4	6.9	6.9	6.8	12.3	12.3	12.3	19	19.0	19.8
						19.2	19.2	32.5	32.7	106.4	101.0	6.9	6.6		12.3	12.1		19	19.0	
				Middle	7	19.2	19.2	32.7	32.7	101.2	101.1	6.6	6.6		6.6	12.0		12.1	19	
				Bottom	13	19.2	19.2	32.8	32.8	97.0	97.0	6.3	6.3	6.3	12.5	12.5	6.3	22	21.5	
						19.2	19.2	32.8	32.8	96.9	97.0	6.3	6.3	6.3	12.5	12.5	6.3	21	21.5	
						19.2	19.2	32.8	32.8	96.9	97.0	6.3	6.3	6.3	12.5	12.5	6.3	21	21.5	
21-Dec-07	Sunny	Moderate	15:45	Surface	1	19.3	19.3	33.8	33.8	111.1	111.1	7.5	7.5	7.4	12.9	12.9	12.9	21	20.5	20.7
						19.3	19.3	33.7	33.8	111.1	107.9	7.5	7.3		12.9	12.7		21	21.0	
				Middle	7	19.3	19.3	33.8	33.8	107.9	107.9	7.3	7.3		7.3	12.6		12.7	21	
				Bottom	13	19.2	19.2	33.9	33.9	105.3	105.3	7.1	7.1	7.1	13.1	13.1	7.1	20	20.5	
						19.2	19.2	33.8	33.8	105.2	105.3	7.1	7.1	7.1	13.1	13.1	7.1	21	20.5	
						19.2	19.2	33.8	33.8	105.2	105.3	7.1	7.1	7.1	13.1	13.1	7.1	21	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 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*		
3-Dec-07	Sunny	Moderate	08:44	Surface	1	19.7 19.7	19.7	33.2 33.2	33.2	108.9 109.0	109.0	7.6 7.6	7.6	7.6	4.4 4.4	4.4	6.9	17 18	17.5	21.3	
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-
				Bottom	4	19.5 19.5	19.5	33.5 33.5	33.5	101.8 101.5	101.7	7.2 7.1	7.2		7.2	9.2 9.4		9.3	25 25		25.0
5-Dec-07	Fine	Moderate	09:16	Surface	1	18.9 18.9	18.9	32.5 32.5	32.5	104.5 104.5	104.5	7.3 7.3	7.3	7.3	4.4 4.4	4.4	5.6	32 32	32.0	21.0	
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		
				Bottom	4	18.6 18.6	18.6	32.8 32.8	32.8	96.4 96.1	96.3	6.8 6.8	6.8		6.8	6.6 6.8		6.7	10 10		10.0
7-Dec-07	Sunny	Moderate	11:46	Surface	1	19.2 19.2	19.2	32.1 32.1	32.1	102.3 102.3	102.3	7.2 7.2	7.2	7.2	4.4 4.4	4.4	5.6	19 18	18.5	20.8	
				Middle	-	-	-	-	-	-	-	-	-		-	-		-			
				Bottom	4	18.9 18.9	18.9	32.4 32.5	32.5	93.7 93.4	93.6	6.6 6.6	6.6		6.6	6.6 6.8		6.7	23 23		23.0
10-Dec-07	Sunny	Moderate	12:22	Surface	1	20.0 20.0	20.0	32.6 32.6	32.6	105.4 105.5	105.5	7.4 7.4	7.4	7.4	3.2 3.2	3.2	4.4	16 16	16.0	14.8	
				Middle	-	-	-	-	-	-	-	-	-		-	-		-			
				Bottom	4	19.7 19.7	19.7	33.0 33.0	33.0	98.0 97.4	97.7	6.9 6.9	6.9		6.9	5.4 5.6		5.5	13 14		13.5
12-Dec-07	Sunny	Moderate	13:43	Surface	1	20.1 20.1	20.1	32.4 32.4	32.4	106.5 106.6	106.6	7.0 7.0	7.0	7.0	6.8 6.8	6.8	8.0	20 20	20.0	27.3	
				Middle	-	-	-	-	-	-	-	-	-		-	-					
				Bottom	4	19.7 19.7	19.7	32.8 32.8	32.8	94.9 94.2	94.6	6.3 6.3	6.3		6.3	9.0 9.2		9.1	35 34		34.5
14-Dec-07	Sunny	Moderate	14:53	Surface	1	20.0 20.0	20.0	32.2 32.2	32.2	103.5 103.8	103.7	7.3 7.3	7.3	7.3	8.5 8.5	8.5	9.7	10 10	10.0	16.5	
				Middle	-	-	-	-	-	-	-	-	-		-	-					
				Bottom	4	19.7 19.7	19.7	32.7 32.7	32.7	96.6 95.5	96.1	6.8 6.7	6.8		6.8	10.7 10.9		10.8	23 23		23.0
17-Dec-07	Sunny	Moderate	17:34	Surface	1	20.0 20.0	20.0	32.3 32.3	32.3	105.0 105.2	105.1	7.2 7.2	7.2	7.2	7.9 7.9	7.9	9.1	25 25	25.0	24.5	
				Middle	-	-	-	-	-	-	-	-	-		-	-					
				Bottom	4	19.6 19.6	19.6	32.7 32.8	32.8	95.7 94.8	95.3	6.6 6.5	6.6		6.6	10.1 10.3		10.2	24 24		24.0
19-Dec-07	Cloudy	Moderate	07:24	Surface	1	19.9 19.9	19.9	32.3 32.3	32.3	106.3 106.5	106.4	6.9 6.9	6.9	6.9	8.8 8.8	8.8	10.0	8 8	8.0	8.0	
				Middle	-	-	-	-	-	-	-	-	-		-	-					
				Bottom	4	19.6 19.6	19.6	32.7 32.7	32.7	93.8 92.9	93.4	6.2 6.1	6.2		6.2	11.0 11.2		11.1	8 8		8.0
21-Dec-07	Sunny	Moderate	09:42	Surface	1	20.0 20.0	20.0	33.6 33.6	33.6	115.4 115.2	115.3	7.8 7.8	7.8	7.8	9.4 9.4	9.4	10.6	26 26	26.0	20.5	
				Middle	-	-	-	-	-	-	-	-	-		-	-					
				Bottom	4	19.7 19.6	19.7	33.8 33.8	33.8	105.9 105.4	105.7	7.2 7.2	7.2		7.2	11.6 11.8		11.7	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 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*	
3-Dec-07	Sunny	Moderate	14:20	Surface	1	19.9 19.8	19.9	33.1 33.1	33.1	108.6 108.8	108.7	7.6 7.6	7.6	7.6	4.3 4.3	4.3	7.8	15 16	15.5	17.8
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-	
				Bottom	4	19.5 19.5	19.5	33.5 33.5	33.5	102.4 101.4	101.9	7.2 7.1	7.2		7.2	11.1 11.4		11.3	20 20	
5-Dec-07	Fine	Moderate	15:22	Surface	1	19.0 19.0	19.0	32.3 32.3	32.3	104.0 104.3	104.2	7.3 7.3	7.3	7.3	4.3 4.3	4.3	6.5	24 25	24.5	18.8
				Middle	-	-	-	-	-	-	-	-	-		-	-		-		
				Bottom	4	18.6 18.6	18.6	32.8 32.8	32.8	97.6 96.2	96.9	6.9 6.8	6.9		6.9	8.5 8.8		8.7	13 13	
7-Dec-07	Sunny	Moderate	15:54	Surface	1	19.9 19.8	19.9	31.9 31.9	31.9	101.7 102.1	101.9	7.2 7.2	7.2	7.2	4.3 4.3	4.3	6.5	24 24	24.0	24.0
				Middle	-	-	-	-	-	-	-	-	-		-	-		-		
				Bottom	4	19.5 19.5	19.5	32.4 32.4	32.4	95.2 93.6	94.4	6.7 6.6	6.7		6.7	8.5 8.8		8.7	24 24	
10-Dec-07	Sunny	Moderate	07:41	Surface	1	19.1 19.1	19.1	32.6 32.5	32.6	105.3 105.5	105.4	7.4 7.4	7.4	7.4	3.1 3.1	3.1	5.3	26 26	26.0	26.0
				Middle	-	-	-	-	-	-	-	-	-		-	-		-		
				Bottom	4	18.9 18.8	18.9	33.0 33.0	33.0	98.5 97.5	98.0	6.9 6.9	6.9		6.9	7.3 7.6		7.5	26 26	
12-Dec-07	Sunny	Moderate	08:37	Surface	1	19.2 19.2	19.2	32.5 32.5	32.5	106.5 106.6	106.6	7.0 7.0	7.0	7.0	6.7 6.7	6.7	8.6	21 22	21.5	22.3
				Middle	-	-	-	-	-	-	-	-	-		-	-		-		
				Bottom	4	18.9 18.9	18.9	32.8 32.8	32.8	94.5 93.9	94.2	6.3 6.3	6.3		6.3	10.3 10.6		10.5	23 23	
14-Dec-07	Sunny	Moderate	10:48	Surface	1	19.2 19.2	19.2	32.3 32.3	32.3	103.8 103.9	103.9	7.3 7.3	7.3	7.3	8.4 8.4	8.4	10.3	21 20	20.5	20.8
				Middle	-	-	-	-	-	-	-	-	-		-	-		-		
				Bottom	4	18.9 18.9	18.9	32.7 32.7	32.7	96.1 95.4	95.8	6.8 6.7	6.8		6.8	12.0 12.3		12.2	21 21	
17-Dec-07	Sunny	Moderate	12:55	Surface	1	19.2 19.2	19.2	32.4 32.4	32.4	105.1 105.2	105.2	7.2 7.2	7.2	7.2	7.8 7.8	7.8	9.7	16 16	16.0	16.8
				Middle	-	-	-	-	-	-	-	-	-		-	-		-		
				Bottom	4	19.0 19.0	19.0	32.8 32.8	32.8	95.3 94.6	95.0	6.5 6.5	6.5		6.5	11.4 11.7		11.6	18 17	
19-Dec-07	Cloudy	Moderate	14:03	Surface	1	19.2 19.2	19.2	32.4 32.4	32.4	106.4 106.4	106.4	6.9 6.9	6.9	6.9	8.7 8.7	8.7	10.6	23 23	23.0	24.0
				Middle	-	-	-	-	-	-	-	-	-		-	-		-		
				Bottom	4	18.9 18.9	18.9	32.7 32.7	32.7	92.9 92.4	92.7	6.1 6.1	6.1		6.1	12.3 12.6		12.5	25 25	
21-Dec-07	Sunny	Moderate	15:01	Surface	1	19.3 19.3	19.3	33.7 33.7	33.7	113.1 112.9	113.0	7.6 7.6	7.6	7.6	9.3 9.3	9.3	11.2	22 22	22.0	22.5
				Middle	-	-	-	-	-	-	-	-	-		-	-		-		
				Bottom	4	19.0 19.0	19.0	33.8 33.8	33.8	104.7 104.2	104.5	7.1 7.1	7.1		7.1	12.9 13.2		13.1	23 23	

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*				
3-Dec-07	Sunny	Moderate	08:52	Surface	1	19.7 19.7	19.7	31.9 32.0	32.0	110.3 109.7	110.0	7.8 7.7	7.8	7.8	8.9 9.3	9.1	9.3	32 32	32.0	29.8			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	19.6 19.5	19.6	33.4 33.4	33.4	102.0 102.3	102.2	7.2 7.2	7.2		7.2	7.2		9.3 9.4	9.4		27 28	27.5	
5-Dec-07	Fine	Moderate	09:23	Surface	1	18.9 18.9	18.9	30.5 30.7	30.6	105.5 105.2	105.4	7.5 7.5	7.5	7.5	6.3 6.7	6.5	7.2	10 10	10.0	22.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	18.7 18.6	18.7	32.6 32.7	32.7	97.6 98.0	97.8	6.9 6.9	6.9		6.9	6.9		7.8 7.7	7.8		35 35	35.0	
7-Dec-07	Sunny	Moderate	11:53	Surface	1	19.2 19.2	19.2	29.9 30.1	30.0	103.1 103.0	103.1	7.3 7.3	7.3	7.3	6.3 6.7	6.5	7.2	12 12	12.0	18.8			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	19.0 18.9	19.0	32.2 32.3	32.3	95.4 95.8	95.6	6.7 6.8	6.8		6.8	6.8		7.8 7.7	7.8		26 25	25.5	
10-Dec-07	Sunny	Moderate	12:30	Surface	1	20.0 20.0	20.0	31.5 31.6	31.6	106.2 106.0	106.1	7.5 7.5	7.5	7.5	5.1 5.5	5.3	6.0	24 24	24.0	26.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	19.8 19.9	19.9	32.9 32.9	32.9	98.6 98.7	98.7	6.9 7.0	7.0		7.0	6.6 6.5		6.6	29 28		28.5		
12-Dec-07	Sunny	Moderate	13:50	Surface	1	20.1 20.1	20.1	32.0 32.1	32.1	107.1 107.0	107.1	7.1 7.1	7.1	7.1	8.7 9.1	8.9	9.3	24 26	25.0	26.8			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	19.9 19.9	19.9	32.8 32.8	32.8	98.2 98.3	98.3	6.5 6.5	6.5		6.5	9.6 9.5		9.6	29 28		28.5		
14-Dec-07	Sunny	Moderate	15:01	Surface	1	20.0 20.0	20.0	31.8 31.9	31.9	104.4 104.4	104.4	7.4 7.4	7.4	7.4	10.4 10.8	10.6	11.0	17 17	17.0	22.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	19.9 19.9	19.9	32.7 32.7	32.7	96.6 96.8	96.7	6.8 6.8	6.8		6.8	11.3 11.2		11.3	28 28		28.0		
17-Dec-07	Sunny	Moderate	17:41	Surface	1	20.0 20.0	20.0	31.9 32.0	32.0	105.7 105.7	105.7	7.2 7.2	7.2	7.2	9.8 10.2	10.0	10.4	14 15	14.5	13.8			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	19.8 19.8	19.8	32.7 32.8	32.8	97.4 97.5	97.5	6.7 6.7	6.7		6.7	10.7 10.6		10.7	13 13		13.0		
19-Dec-07	Cloudy	Moderate	07:31	Surface	1	19.9 19.9	19.9	32.2 32.3	32.3	106.9 106.9	106.9	6.9 7.0	7.0	7.0	10.7 11.1	10.9	11.3	14 14	14.0	13.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-		
				Bottom	3	19.8 19.8	19.8	32.7 32.7	32.7	97.6 97.7	97.7	6.4 6.4	6.4		6.4	11.6 11.5		11.6	12 13		12.5		
21-Dec-07	Sunny	Moderate	09:49	Surface	1	20.0 20.0	20.0	33.6 33.6	33.6	113.6 113.6	113.6	7.7 7.7	7.7	7.7	11.3 11.7	11.5	11.9	11 11	11.0	18.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-		
				Bottom	3	19.8 19.8	19.8	33.8 33.8	33.8	107.3 107.1	107.2	7.3 7.3	7.3		7.3	12.2 12.1		12.2	26 26		26.0		

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*				
3-Dec-07	Sunny	Moderate	14:27	Surface	1	19.8 19.8	19.8	33.2 33.2	33.2	109.3 109.1	109.2	7.6 7.6	7.6	7.6	8.0 8.1	8.1	9.9	34 34	34.0	27.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	19.7 19.7	19.7	33.5 33.6	33.6	101.8 101.7	101.8	7.2 7.1	7.2		7.2	11.8 11.5		11.7	21 21		21.0		
5-Dec-07	Fine	Moderate	15:30	Surface	1	19.0 19.0	19.0	32.5 32.5	32.5	104.9 104.9	104.9	7.4 7.4	7.4	7.4	6.7 6.8	6.8	8.0	11 11	11.0	14.5			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	18.8 18.8	18.8	32.8 32.8	32.8	97.1 97.2	97.2	6.8 6.8	6.8		6.8	9.2 8.9		9.1	18 18		18.0		
7-Dec-07	Sunny	Moderate	16:02	Surface	1	19.8 19.8	19.8	32.2 32.2	32.2	102.7 102.8	102.8	7.2 7.2	7.2	7.2	6.7 6.8	6.8	8.0	23 24	23.5	23.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-		-		
				Bottom	3	19.7 19.7	19.7	32.5 32.5	32.5	94.7 94.9	94.8	6.7 6.7	6.7		6.7	9.2 8.9		9.1	23 23		23.0		
10-Dec-07	Sunny	Moderate	07:49	Surface	1	19.1 19.1	19.1	32.0 32.1	32.1	106.5 106.2	106.4	7.5 7.5	7.5	7.5	5.5 5.6	5.6	6.8	27 26	26.5	23.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-				
				Bottom	3	18.9 18.9	18.9	32.9 33.0	33.0	98.3 98.6	98.5	6.9 6.9	6.9		6.9	8.0 7.7		7.9	20 20		20.0		
12-Dec-07	Sunny	Moderate	08:44	Surface	1	19.2 19.2	19.2	31.6 31.7	31.7	107.3 107.1	107.2	7.1 7.1	7.1	7.1	8.5 8.6	8.6	9.8	20 20	20.0	19.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-	-				
				Bottom	3	19.0 18.9	19.0	32.7 32.8	32.8	99.1 99.4	99.3	6.6 6.6	6.6		6.6	11.0 10.7		10.9	18 18		18.0		
14-Dec-07	Sunny	Moderate	10:55	Surface	1	19.2 19.2	19.2	30.9 31.1	31.0	104.8 104.6	104.7	7.4 7.4	7.4	7.4	10.2 10.3	10.3	11.5	12 12	12.0	17.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-					
				Bottom	3	19.0 18.9	19.0	32.6 32.6	32.6	96.8 97.2	97.0	6.8 6.9	6.9		6.9	12.7 12.4		12.6	22 22		22.0		
17-Dec-07	Sunny	Moderate	13:02	Surface	1	19.2 19.2	19.2	31.3 31.4	31.4	106.0 105.8	105.9	7.3 7.3	7.3	7.3	9.6 9.7	9.7	10.9	16 16	16.0	20.0			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-					
				Bottom	3	19.1 19.0	19.1	32.7 32.7	32.7	97.9 98.3	98.1	6.7 6.7	6.7		6.7	12.1 11.8		12.0	24 24		24.0		
19-Dec-07	Cloudy	Moderate	14:10	Surface	1	19.2 19.2	19.2	31.3 31.4	31.4	107.0 106.9	107.0	7.0 7.0	7.0	7.0	10.5 10.6	10.6	11.8	12 12	12.0	13.8			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-					
				Bottom	3	19.0 19.0	19.0	32.6 32.6	32.6	98.9 99.2	99.1	6.4 6.5	6.5		6.5	13.0 12.7		12.9	15 16		15.5		
21-Dec-07	Sunny	Moderate	15:08	Surface	1	19.3 19.3	19.3	33.1 33.1	33.1	112.5 112.4	112.5	7.6 7.6	7.6	7.6	11.1 11.2	11.2	12.4	26 26	26.0	22.3			
				Middle	-	-	-	-	-	-	-	-	-		-	-		-					
				Bottom	3	19.1 19.0	19.1	33.7 33.8	33.8	107.4 107.4	107.4	7.3 7.3	7.3		7.3	13.6 13.3		13.5	18 19		18.5		

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