



**Water Monitoring Result at Station A  
Mid-Flood Tide**

Location: Station A

Coordinate: 835468E, 815857N

Date	Time	Weater Condition	Sampling Depth		Water Temperature			pH			Salinity			DO Saturation			DO		
					°C			-			ppt			%			mg/L		
			m	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average		
28/1/2012	11:13	Cloudy	Surface	1.0	16.30	16.30	16.30	7.98	7.98	7.98	30.80	30.80	30.80	90.8	90.1	90.5	7.43	7.38	7.41
	-		Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11:15		Bottom	4.0	16.50	16.50	16.50	7.98	7.98	7.98	31.10	31.10	31.10	92.0	91.7	91.9	7.52	7.50	7.51
30/1/2012	11:19	Fine	Surface	1.0	16.40	16.40	16.40	7.91	7.91	7.91	30.70	30.70	30.70	89.4	88.8	89.1	7.32	7.24	7.28
	-		Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11:21		Bottom	4.0	16.70	16.70	16.70	7.91	7.91	7.91	30.90	30.90	30.90	93.5	92.7	93.1	7.66	7.56	7.61
1/2/2012	-	Fine	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11:03		Middle	1.5	16.70	16.70	16.70	7.88	7.88	7.88	30.90	30.90	30.90	86.8	86.2	86.5	7.09	7.05	7.07
	-		Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8/2/2012	-	Cloudy	Surface	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	16:50		Middle	1.5	16.10	16.10	16.10	8.04	8.04	8.04	31.30	31.30	31.30	91.1	90.3	90.7	7.48	7.39	7.44
	-		Bottom	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13/2/2012	11:23	Cloudy	Surface	1.0	16.70	16.70	16.70	7.83	7.83	7.83	30.90	30.90	30.90	90.0	89.4	89.7	8.81	8.72	8.77
	-		Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11:25		Bottom	3.0	16.60	16.60	16.60	7.92	7.92	7.92	31.21	31.20	31.21	90.5	90.0	90.3	8.88	8.82	8.85
20/2/2012	17:14	Cloudy	Surface	1.0	15.70	15.70	15.70	8.02	8.02	8.02	31.30	31.30	31.30	91.1	90.4	90.8	9.04	8.99	9.02
	-		Middle	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	17:16		Bottom	4.0	15.80	15.80	15.80	8.02	8.02	8.02	31.40	31.40	31.40	91.3	90.8	91.1	9.05	9.01	9.03



**Water Monitoring Result at Station B  
Mid-Flood Tide**

Location: Station B

Coordinate: 835572E, 815961N

Date	Time	Weater Condition	Sampling Depth		Water Temperature			pH			Salinity			DO Saturation			DO		
			m		°C		-			ppt		%			mg/L				
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average					
28/1/2012	11:04	Cloudy	Surface	1.0	16.50	16.50	16.50	7.97	7.97	7.97	31.10	31.10	31.10	94.8	94.4	94.6	7.73	7.68	7.71
	11:06		Middle	5.5	16.20	16.20	16.20	7.98	7.98	7.98	31.20	31.20	31.20	93.8	93.0	93.4	7.68	7.59	7.64
	11:08		Bottom	10.0	16.00	16.00	16.00	7.99	7.99	7.99	31.20	31.20	31.20	90.9	90.4	90.7	7.44	7.38	7.41
30/1/2012	11:12	Fine	Surface	1.0	16.40	16.40	16.40	7.90	7.90	7.90	31.00	31.00	31.00	88.0	87.2	87.6	7.18	7.14	7.16
	11:14		Middle	6.0	16.20	16.20	16.20	7.91	7.91	7.91	31.10	31.13	31.12	89.6	88.7	89.2	7.35	7.27	7.31
	11:16		Bottom	11.0	16.30	16.30	16.30	7.91	7.91	7.91	31.10	31.10	31.10	89.6	89.0	89.3	7.35	7.29	7.32
1/2/2012	10:55	Fine	Surface	1.0	16.30	16.30	16.30	8.02	8.02	8.02	31.10	31.10	31.10	92.7	92.0	92.4	7.57	7.52	7.55
	10:57		Middle	5.5	16.20	16.20	16.20	8.03	8.03	8.03	31.20	31.20	31.20	93.0	92.0	92.5	7.60	7.50	7.55
	10:59		Bottom	10.0	16.30	16.30	16.30	8.02	8.02	8.02	31.50	31.50	31.50	91.2	90.6	90.9	7.44	7.36	7.40
8/2/2012	16:37	Cloudy	Surface	1.0	15.90	15.90	15.90	8.05	8.05	8.05	31.60	31.60	31.60	93.4	92.5	93.0	7.67	7.59	7.63
	16:39		Middle	5.5	15.80	15.80	15.80	8.05	8.05	8.05	31.70	31.70	31.70	94.6	93.8	94.2	7.78	7.70	7.74
	16:41		Bottom	10.0	16.00	16.00	16.00	8.04	8.04	8.04	31.50	31.50	31.50	94.4	93.8	94.1	7.75	7.68	7.72
13/2/2012	11:18	Cloudy	Surface	1.0	16.60	16.60	16.60	7.86	7.86	7.86	31.50	31.50	31.50	92.2	91.2	91.7	9.00	8.94	8.97
	11:20		Middle	5.5	16.80	16.80	16.80	7.93	7.93	7.93	31.50	31.50	31.50	93.7	92.6	93.2	9.15	9.05	9.10
	11:22		Bottom	10.0	17.30	17.30	17.30	7.96	7.96	7.96	31.40	31.40	31.40	92.1	90.3	91.2	9.00	8.83	8.92
20/2/2012	17:08	Cloudy	Surface	1.0	15.50	15.50	15.50	8.03	8.03	8.03	31.50	31.50	31.50	92.3	91.6	92.0	9.19	9.10	9.15
	17:10		Middle	5.5	15.70	15.70	15.70	8.03	8.03	8.03	31.60	31.60	31.60	93.4	93.0	93.2	9.29	9.24	9.27
	17:12		Bottom	10.0	15.70	15.70	15.70	8.02	8.02	8.02	31.50	31.50	31.50	92.4	92.0	92.2	9.18	9.15	9.17



**Water Monitoring Result at Station C  
Mid-Flood Tide**

Location: Station C

Coordinate: 835659E, 816271N

Date	Time	Weater Condition	Sampling Depth		Water Temperature			pH			Salinity			DO Saturation			DO		
			m		°C		-			ppt		%		mg/L					
					Value	Average	Value	Average	Value	Average	Value	Average	Value	Average					
28/1/2012	10:56	Cloudy	Surface	1.0	16.30	16.30	16.30	7.91	7.91	7.91	31.20	31.20	31.20	89.2	88.9	89.1	7.25	7.23	7.24
	10:58		Middle	7.0	16.40	16.40	16.40	7.95	7.95	7.95	31.10	31.10	31.10	94.1	93.6	93.9	7.70	7.63	7.67
	11:00		Bottom	13.0	16.20	16.20	16.20	7.92	7.92	7.92	31.20	31.20	31.20	92.9	91.6	92.3	7.61	7.47	7.54
30/1/2012	11:00	Fine	Surface	1.0	16.20	16.20	16.20	7.80	7.80	7.80	31.10	31.10	31.10	92.5	91.6	92.1	7.57	7.52	7.55
	11:02		Middle	7.0	16.00	16.00	16.00	7.87	7.87	7.87	31.20	31.20	31.20	92.1	90.0	91.1	7.56	7.42	7.49
	11:04		Bottom	13.0	16.10	16.10	16.10	7.92	7.92	7.92	31.20	31.20	31.20	90.6	89.5	90.1	7.43	7.35	7.39
1/2/2012	10:49	Fine	Surface	1.0	16.30	16.30	16.30	7.88	7.88	7.88	30.90	30.90	30.90	85.5	84.8	85.2	6.98	6.93	6.96
	10:51		Middle	6.5	16.20	16.20	16.20	8.00	8.00	8.00	31.40	31.40	31.40	91.7	91.1	91.4	7.48	7.44	7.46
	10:53		Bottom	12.0	16.50	16.50	16.50	8.05	8.05	8.05	31.50	31.50	31.50	93.1	92.6	92.9	7.59	7.55	7.57
8/2/2012	16:28	Cloudy	Surface	1.0	16.20	16.20	16.20	8.02	8.02	8.02	31.50	31.50	31.50	92.4	92.2	92.3	7.56	7.52	7.54
	16:30		Middle	7.0	16.10	16.10	16.10	8.05	8.05	8.05	31.50	31.50	31.50	94.4	93.3	93.9	7.73	7.64	7.69
	16:32		Bottom	13.0	15.90	15.90	15.90	8.06	8.06	8.06	31.60	31.60	31.60	95.2	94.7	95.0	7.81	7.75	7.78
13/2/2012	11:11	Cloudy	Surface	1.0	17.30	17.30	17.30	7.87	7.87	7.87	31.40	31.40	31.40	92.9	92.3	92.6	8.98	8.92	8.95
	11:13		Middle	7.0	16.60	16.60	16.60	7.90	7.90	7.90	31.30	31.30	31.30	91.7	90.5	91.1	8.92	8.83	8.88
	11:15		Bottom	13.0	17.50	17.50	17.50	7.93	7.93	7.93	31.20	31.20	31.20	95.5	94.7	95.1	9.29	9.23	9.26
20/2/2012	17:01	Cloudy	Surface	1.0	15.60	15.60	15.60	7.94	7.94	7.94	31.50	31.50	31.50	93.7	93.1	93.4	9.36	9.28	9.32
	17:03		Middle	7.5	15.70	15.70	15.70	8.00	8.00	8.00	31.50	31.50	31.50	93.0	92.6	92.8	9.27	9.19	9.23
	17:05		Bottom	14.0	15.70	15.70	15.70	8.02	8.02	8.02	31.50	31.50	31.50	92.1	91.7	91.9	9.17	9.11	9.14





**Water Monitoring Result at Station B  
Mid-Ebb Tide**

Location: Station B

Coordinate: 835572E, 815961N

Date	Time	Weater Condition	Sampling Depth		Water Temperature			pH			Salinity			DO Saturation			DO		
			m	°C		-		ppt		%		mg/L							
				Value	Average	Value	Average	Value	Average	Value	Average	Value	Average						
28/1/2012	14:53	Fine	Surface	1.0	16.40	16.40	16.40	7.99	7.99	7.99	31.10	31.10	31.10	93.4	92.7	93.1	7.56	7.51	7.54
	14:55		Middle	5.5	16.20	16.20	16.20	8.00	8.00	8.00	31.20	31.20	31.20	92.7	92.0	92.4	7.53	7.50	7.52
	14:57		Bottom	10.0	16.00	16.00	16.00	8.00	8.00	8.00	31.30	31.30	31.30	92.9	92.3	92.6	7.54	7.51	7.53
30/1/2012	16:29	Fine	Surface	1.0	16.30	16.30	16.30	7.83	7.83	7.83	31.10	31.10	31.10	87.8	87.0	87.4	7.18	7.10	7.14
	16:31		Middle	6.0	16.10	16.10	16.10	7.90	7.90	7.90	31.20	31.20	31.20	91.1	90.3	90.7	7.46	7.40	7.43
	16:33		Bottom	11.0	16.10	16.10	16.10	7.93	7.93	7.93	31.30	31.30	31.30	92.5	91.6	92.1	7.56	7.50	7.53
1/2/2012	18:42	Fine	Surface	1.0	16.20	16.20	16.20	8.06	8.06	8.06	31.40	31.40	31.40	86.4	85.6	86.0	7.05	7.00	7.03
	18:44		Middle	5.5	16.10	16.10	16.10	8.08	8.08	8.08	31.50	31.50	31.50	91.4	91.0	91.2	7.46	7.40	7.43
	18:46		Bottom	10.0	16.20	16.20	16.20	8.09	8.09	8.09	31.60	31.60	31.60	91.1	90.7	90.9	7.44	7.39	7.42
8/2/2012	12:54	Cloudy	Surface	1.0	16.30	16.30	16.30	7.99	7.99	7.99	31.30	31.30	31.30	89.8	89.2	89.5	7.34	7.30	7.32
	12:56		Middle	6.0	16.10	16.10	16.10	8.02	8.02	8.02	31.50	31.50	31.50	91.7	91.0	91.4	7.49	7.46	7.48
	12:58		Bottom	11.0	15.70	15.70	15.70	8.02	8.02	8.02	31.60	31.60	31.60	93.8	92.7	93.3	7.70	7.63	7.67
13/2/2012	2:14	Cloudy	Surface	1.0	16.20	16.20	16.20	7.96	7.96	7.96	31.10	31.10	31.10	88.9	88.4	88.7	8.78	8.73	8.76
	2:16		Middle	5.5	16.10	16.10	16.10	7.98	7.98	7.98	31.40	31.40	31.40	92.0	91.5	91.8	9.09	9.03	9.06
	2:18		Bottom	10.0	16.10	16.10	16.10	7.98	7.98	7.98	31.40	31.40	31.40	92.4	91.9	92.2	9.16	9.07	9.12
20/2/2012	11:24	Cloudy	Surface	1.0	15.80	15.80	15.80	7.97	7.97	7.97	31.60	31.60	31.60	91.1	90.7	90.9	9.09	9.04	9.07
	11:26		Middle	5.5	15.70	15.70	15.70	8.02	8.02	8.02	31.60	31.60	31.60	92.8	92.4	92.6	9.25	9.18	9.22
	11:28		Bottom	10.0	15.70	15.70	15.70	8.04	8.04	8.04	31.50	31.50	31.50	92.9	92.3	92.6	9.28	9.21	9.25



**Water Monitoring Result at Station C  
Mid-Ebb Tide**

Location: Station C

Coordinate: 835659E, 816271N

Date	Time	Weater Condition	Sampling Depth		Water Temperature			pH			Salinity			DO Saturation			DO		
			m	°C		-		ppt		%		mg/L							
				Value	Average	Value	Average	Value	Average	Value	Average	Value	Average						
28/1/2012	14:42	Fine	Surface	1.0	17.00	17.00	17.0	7.84	7.84	7.84	31.20	31.20	31.2	93.8	93.4	93.6	7.52	7.49	7.51
	14:44		Middle	7.0	16.10	16.10	16.1	7.95	7.95	7.95	31.30	31.30	31.3	94.4	93.9	94.2	7.69	7.62	7.66
	14:46		Bottom	13.0	16.40	16.40	16.4	7.99	7.99	7.99	31.30	31.30	31.3	92.7	91.9	92.3	7.56	7.49	7.53
30/1/2012	16:22	Fine	Surface	1.0	16.20	16.20	16.2	7.82	7.82	7.82	31.20	31.20	31.2	91.6	90.2	90.9	7.50	7.36	7.43
	16:24		Middle	7.0	16.00	16.00	16.0	7.90	7.90	7.90	31.30	31.30	31.3	91.9	91.4	91.7	7.55	7.48	7.52
	16:26		Bottom	13.0	16.10	16.10	16.1	7.94	7.94	7.94	31.20	31.20	31.2	91.6	91.3	91.5	7.50	7.45	7.48
1/2/2012	18:35	Fine	Surface	1.0	16.30	16.30	16.3	7.97	7.97	7.97	31.40	31.40	31.4	92.3	91.6	92.0	7.51	7.41	7.46
	18:37		Middle	7.0	16.20	16.20	16.2	8.06	8.06	8.06	31.50	31.50	31.5	93.5	92.9	93.2	7.62	7.58	7.60
	18:39		Bottom	13.0	16.20	16.20	16.2	8.09	8.09	8.09	31.60	31.60	31.6	94.7	94.2	94.5	7.72	7.68	7.70
8/2/2012	12:48	Cloudy	Surface	1.0	16.10	16.10	16.10	7.93	7.93	7.93	31.50	31.50	31.50	88.1	87.3	87.7	7.23	7.18	7.21
	12:50		Middle	6.5	16.10	16.10	16.10	8.04	8.04	8.04	31.50	31.50	31.50	92.8	92.0	92.4	7.62	7.54	7.58
	12:52		Bottom	12.0	16.00	16.00	16.00	8.06	8.06	8.06	31.50	31.50	31.50	91.6	90.9	91.3	7.50	7.46	7.48
13/2/2012	2:02	Cloudy	Surface	1.0	16.30	16.30	16.30	7.68	7.68	7.68	31.40	31.40	31.40	92.1	91.5	91.8	9.06	9.01	9.04
	2:04		Middle	7.0	16.00	16.00	16.00	8.00	8.00	8.00	31.40	31.40	31.40	94.1	92.6	93.4	9.29	9.17	9.23
	2:06		Bottom	13.0	16.00	16.00	16.00	8.00	8.00	8.00	31.40	31.40	31.40	94.4	93.8	94.1	9.34	9.30	9.32
20/2/2012	11:18	Cloudy	Surface	1.0	15.70	15.70	15.70	7.89	7.89	7.89	31.50	31.50	31.50	89.9	89.5	89.7	8.96	8.92	8.94
	11:20		Middle	7.0	15.70	15.70	15.70	8.00	8.00	8.00	31.50	31.50	31.50	92.6	91.9	92.3	9.23	9.16	9.20
	11:22		Bottom	13.0	15.60	15.60	15.60	8.04	8.04	8.04	31.60	31.60	31.60	94.6	94.3	94.5	9.46	9.41	9.44