

Impact Water Quality Monitoring Results

Date of Monitoring: 2/12/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	Average Value
C3a	15:13	<0.5	22.8	7.7	7.5	86.7	16.7	<0.1	29.5
C3b	14:47	<0.5	20.4	8.0	7.0	77.8	20.6	<0.1	11
I5	14:34	<0.5	22.9	7.6	7.4	86.9	20.6	<0.1	13.5

Date of Monitoring: 4/12/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	Average Value
C3a	13:23	<0.5	22.6	7.8	7.3	88.4	12.0	<0.1	7.5
C3b	13:04	<0.5	21.4	8.0	7.7	92.5	18.3	<0.1	9.5
I5	12:46	<0.5	21.9	7.6	7.9	94.9	18.1	<0.1	7

Date of Monitoring: 6/12/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	Average Value
C3a	14:25	<0.5	22.3	7.7	8.0	95.5	10.4	<0.1	5
C3b	13:59	<0.5	19.6	8.0	7.9	92.2	20.5	<0.1	6.5
I5	13:45	<0.5	21.3	7.6	8.0	91.6	20.1	<0.1	8.5

Date of Monitoring: 9/12/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	Average Value
C3a	14:43	<0.5	24.4	7.6	7.5	90.2	18.2	<0.1	10
C3b	14:18	<0.5	22.6	7.9	7.7	88.7	21.9	<0.1	13.5
I5	14:00	<0.5	25.1	7.5	8.7	105.2	19.1	<0.1	7

Date of Monitoring: 11/12/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	Average Value
C3a	14:41	<0.5	22.1	8.0	7.7	86.9	26.6	<0.1	19.5
C3b	14:16	<0.5	21.2	8.2	8.4	94.3	24.4	<0.1	16.5
I5	14:00	<0.5	22.2	8.2	7.6	87.3	19.6	<0.1	5.5

Date of Monitoring: 13/12/2013 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (oC)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	Average Value
C3a	9:49	<0.5	17.5	7.7	9.6	100.6	24.2	<0.1	21
C3b	9:17	<0.5	17.3	8.0	9.5	96.2	12.9	<0.1	2.5
I5	9:00	<0.5	17.3	7.2	8.8	99.2	13.0	<0.1	2

Date of Monitoring: 16/12/2013 Weather : Rainy

Monitoring Location	Time	Water Depth (m)	Temperature (oC)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	Average Value
C3a	11:48	<0.5	15.6	7.7	9.4	94.4	36.1	<0.1	23.5
C3b	11:01	<0.5	16.2	8.0	9.0	92.1	27.0	<0.1	9.5
I5	11:18	<0.5	15.3	7.3	9.0	89.8	41.2	<0.1	19

Date of Monitoring: 18/12/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	Average Value
C3a	13:33	<0.5	18.6	7.7	8.8	91.1	21.0	<0.1	14.5
C3b	13:17	<0.5	16.5	8.1	8.6	93.3	18.0	<0.1	8
I5	12:55	<0.5	16.9	7.5	8.6	87.6	48.7	<0.1	28

Date of Monitoring: 20/12/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (oC)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	Average Value
C3a	13:35	<0.5	20.4	7.7	7.5	83.0	29.8	<0.1	29.5
C3b	13:16	<0.5	18.1	8.1	8.6	90.9	25.1	<0.1	12.5
I5	12:49	<0.5	18.2	7.5	8.6	91.3	24.7	<0.1	13.5

Date of Monitoring: 23/12/2013 Weather : Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (oC)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	Average Value
C3a	11:40	<0.5	18.2	7.7	9.3	95.0	43.5	<0.1	32.5
C3b	11:21	<0.5	16.6	8.0	9.5	97.1	37.2	<0.1	9
I5	11:03	<0.5	16.3	7.3	8.2	87.2	37.1	<0.1	13.5

Date of Monitoring: 24/12/2013 Weather : Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (oC)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	Average Value
C3a	10:26	<0.5	15.3	7.6	8.4	84.3	42.0	<0.1	60
C3b	10:07	<0.5	13.8	8.0	8.4	80.7	26.8	<0.1	3.5
I5	9:51	<0.5	14.3	7.5	8.8	85.7	24.0	<0.1	5.5

Date of Monitoring: 27/12/2013 Weather : Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (oC)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	Average Value
C3a	11:07	<0.5	15.2	7.6	8.6	85.0	20.2	<0.1	9
C3b	10:44	<0.5	14.0	8.0	8.6	83.5	21.4	<0.1	14
I5	10:30	<0.5	13.8	7.4	9.4	90.6	28.8	<0.1	9

Date of Monitoring: 30/12/2013 Weather : Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (oC)	pH	DO (mg/L)	DO (% saturation)	Turbidity (NTU)	Salinity (g/L)	SS (mg/L)
			Average Value	Average Value	Average Value	Average Value	Average Value	Average Value	Average Value
C3a	12:10	<0.5	16.7	7.6	8.3	85.1	52.0	<0.1	57.5
C3b	11:30	<0.5	14.4	8.1	9.0	87.5	26.6	<0.1	17
I5	11:44	<0.5	15.1	7.4	8.4	83.1	18.9	<0.1	5.5