

Impact Water Quality Monitoring Results

Date of Monitoring: 5/2/2014 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	14:13	<0.5	21.9	7.8	7.3	83.4	22.8	<0.1	9
C3b	13:56	<0.5	20.6	7.9	7.7	85.1	23.4	<0.1	5.5
I5	13:47	<0.5	20.9	7.9	9.3	104.5	24.0	<0.1	9.5

Date of Monitoring: 7/2/2014 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	14:19	<0.5	23.0	7.8	6.8	79.8	33.0	<0.1	5.5
C3b	14:07	<0.5	22.1	7.9	7.6	87.3	40.1	<0.1	4.5
I5	13:58	<0.5	22.6	7.8	9.1	105.5	35.5	<0.1	9

Date of Monitoring: 10/2/2014 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	11:44	<0.5	13.2	7.8	8.7	83.2	48.8	<0.1	67.5
C3b	11:29	<0.5	13.0	8.0	9.5	90.0	48.5	<0.1	9
I5	11:16	<0.5	13.5	7.9	8.8	85.0	46.9	<0.1	7

Date of Monitoring: 12/2/2014 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	11:56	<0.5	11.5	7.9	8.5	78.3	14.1	<0.1	16
C3b	11:24	<0.5	11.8	8.1	9.8	90.6	13.1	<0.1	6.5
I5	11:31	<0.5	11.6	7.9	8.9	82.0	11.1	<0.1	4

Date of Monitoring: 14/2/2014 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	10:23	<0.5	11.7	7.8	9.2	84.6	24.3	<0.1	3.85
C3b	9:47	<0.5	12.0	8.0	9.1	84.5	33.1	<0.1	8.4
I5	10:05	<0.5	12.1	7.7	8.7	81.0	26.1	<0.1	3.65

Date of Monitoring: 17/2/2014 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	11:29	<0.5	18.7	7.8	7.6	81.4	55.6	<0.1	45
C3b	11:06	<0.5	19.9	8.1	8.0	88.0	70.3	<0.1	23
I5	11:13	<0.5	19.8	7.7	7.7	84.0	68.9	<0.1	38.5

Date of Monitoring: 19/2/2014 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	17:44	<0.5	13.1	7.8	9.2	87.2	13.6	<0.1	<3
C3b	17:11	<0.5	13.4	8.1	8.9	85.1	28.4	<0.1	16
I5	17:21	<0.5	13.4	7.7	8.4	80.5	25.3	<0.1	5.2

Date of Monitoring: 21/2/2014 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	11:03	<0.5	16.1	7.8	7.9	80.6	26.5	<0.1	13.5
C3b	10:31	<0.5	15.4	8.0	8.4	83.8	23.8	<0.1	16
I5	10:42	<0.5	15.8	7.7	7.5	75.5	21.2	<0.1	10.5

Date of Monitoring: 24/2/2014 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	11:34	<0.5	21.7	7.9	8.0	91.4	21.1	<0.1	13.5
C3b	11:01	<0.5	20.4	8.1	7.5	83.6	26.6	<0.1	7.2
I5	11:17	<0.5	20.1	7.7	7.6	83.5	28.1	<0.1	6.5

Date of Monitoring: 26/2/2014 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	11:04	<0.5	20.2	7.8	7.8	85.9	17.2	<0.1	17
C3b	10:31	<0.5	19.9	8.0	7.4	81.5	18.1	<0.1	7.4
I5	10:47	<0.5	19.7	7.7	7.6	83.7	17.9	<0.1	6.3

Date of Monitoring: 28/2/2014 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	11:48	<0.5	19.5	7.8	7.5	81.6	27.7	<0.1	22.5
C3b	11:21	<0.5	19.2	8.0	7.7	83.1	33.4	<0.1	19
I5	11:29	<0.5	18.9	7.7	7.9	84.7	30.1	<0.1	10.9