

Impact Water Quality Monitoring Results

Date of Monitoring: 11/5/2013 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (°C) Average Value	pH Average Value	DO (mg/L) Average Value	DO (% saturation) Average Value	Turbidity (NTU) Average Value	Salinity (g/L) Average Value	SS (mg/L) Average Value
C3a	10:53	<0.5	24.1	7.6	7.0	83.7	12.9	0.1	8.5
C3b	10:41	<0.5	23.7	8.1	6.9	81.2	36.2	0.1	52
I5	10:24	<0.5	23.5	7.9	7.1	83.1	9.9	0.1	6.5

Date of Monitoring: 11/7/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C) Average Value	pH Average Value	DO (mg/L) Average Value	DO (% saturation) Average Value	Turbidity (NTU) Average Value	Salinity (g/L) Average Value	SS (mg/L) Average Value
C3a	10:53	<0.5	27.4	7.6	8.2	104.3	14.6	<0.1	16.5
C3b	10:41	<0.5	25.7	8.0	7.4	90.6	29.0	<0.1	37.5
I5	10:24	<0.5	26.1	7.8	7.7	95.4	31.2	<0.1	31.5

Date of Monitoring: 11/9/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C) Average Value	pH Average Value	DO (mg/L) Average Value	DO (% saturation) Average Value	Turbidity (NTU) Average Value	Salinity (g/L) Average Value	SS (mg/L) Average Value
C3a	11:02	<0.5	27.2	7.6	6.4	80.2	22.0	<0.1	24
C3b	10:50	<0.5	25.9	8.0	5.4	66.2	39.9	<0.1	27
I5	10:33	<0.5	25.3	7.7	6.1	74.2	18.5	<0.1	21

Date of Monitoring: 11/11/2013 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (°C) Average Value	pH Average Value	DO (mg/L) Average Value	DO (% saturation) Average Value	Turbidity (NTU) Average Value	Salinity (g/L) Average Value	SS (mg/L) Average Value
C3a	11:46	<0.5	24.5	7.7	6.2	74.6	26.2	<0.1	33.5
C3b	11:34	<0.5	24.1	8.0	6.8	81.4	88.5	<0.1	133
I5	11:17	<0.5	24.4	7.8	7.0	84.0	17.0	<0.1	13

Date of Monitoring: 11/13/2013 Weather : Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (°C) Average Value	pH Average Value	DO (mg/L) Average Value	DO (% saturation) Average Value	Turbidity (NTU) Average Value	Salinity (g/L) Average Value	SS (mg/L) Average Value
C3a	10:38	<0.5	21.7	7.7	5.6	64.2	17.5	<0.1	17.5
C3b	11:14	<0.5	20.9	7.9	7.0	78.7	60.2	<0.1	86
I5	11:25	<0.5	21.2	7.8	7.1	79.4	22.4	<0.1	20.5

Date of Monitoring: 11/15/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C) Average Value	pH Average Value	DO (mg/L) Average Value	DO (% saturation) Average Value	Turbidity (NTU) Average Value	Salinity (g/L) Average Value	SS (mg/L) Average Value
C3a	10:57	<0.5	25.5	7.7	8.1	99.6	36.0	<0.1	25.5
C3b	11:21	<0.5	23.2	8.0	8.0	93.7	38.1	<0.1	34
I5	11:34	<0.5	23.3	7.8	8.1	94.5	21.0	<0.1	9.5

Date of Monitoring: 11/18/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C) Average Value	pH Average Value	DO (mg/L) Average Value	DO (% saturation) Average Value	Turbidity (NTU) Average Value	Salinity (g/L) Average Value	SS (mg/L) Average Value
C3a	17:39	<0.5	22.5	7.7	4.2	48.9	6.9	<0.1	9.5
C3b	18:07	<0.5	21.4	8.0	5.8	65.6	31.4	<0.1	32
I5	18:19	<0.5	21.3	7.8	4.4	50.2	25.4	<0.1	18

Date of Monitoring: 11/20/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C) Average Value	pH Average Value	DO (mg/L) Average Value	DO (% saturation) Average Value	Turbidity (NTU) Average Value	Salinity (g/L) Average Value	SS (mg/L) Average Value
C3a	16:09	<0.5	22.1	7.7	5.7	65.2	14.0	<0.1	9
C3b	15:45	<0.5	21.4	8.0	6.5	73.4	18.7	<0.1	9
I5	15:15	<0.5	22.3	7.9	8.5	97.9	13.5	<0.1	7

Date of Monitoring: 11/22/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C) Average Value	pH Average Value	DO (mg/L) Average Value	DO (% saturation) Average Value	Turbidity (NTU) Average Value	Salinity (g/L) Average Value	SS (mg/L) Average Value
C3a	14:38	<0.5	25.5	7.7	7.7	94.0	12.2	<0.1	5
C3b	14:21	<0.5	23.8	8.0	8.1	95.8	59.7	<0.1	35
I5	14:07	<0.5	24.6	7.7	8.7	104.4	6.3	<0.1	8.5

Date of Monitoring: 11/25/2013 Weather : Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C) Average Value	pH Average Value	DO (mg/L) Average Value	DO (% saturation) Average Value	Turbidity (NTU) Average Value	Salinity (g/L) Average Value	SS (mg/L) Average Value
C3a	11:32	<0.5	23.2	7.4	8.1	95.1	27.4	<0.1	9.5
C3b	11:19	<0.5	22.1	8.3	8.3	95.7	15.0	<0.1	22.5
I5	10:58	<0.5	21.7	7.5	8.7	98.8	24.3	<0.1	18.5

Date of Monitoring: 11/27/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C) Average Value	pH Average Value	DO (mg/L) Average Value	DO (% saturation) Average Value	Turbidity (NTU) Average Value	Salinity (g/L) Average Value	SS (mg/L) Average Value
C3a	10:11	<0.5	23.4	7.8	8.1	95.3	21.9	<0.1	11
C3b	10:26	<0.5	22.7	8.0	8.3	95.5	24.0	<0.1	14
I5	10:45	<0.5	23.2	7.7	8.7	98.7	20.1	<0.1	9

Date of Monitoring: 11/29/2013 Weather : Fine

Monitoring Location	Time	Water Depth (m)	Temperature (°C) Average Value	pH Average Value	DO (mg/L) Average Value	DO (% saturation) Average Value	Turbidity (NTU) Average Value	Salinity (g/L) Average Value	SS (mg/L) Average Value
C3a	14:24	<0.5	21.5	7.8	8.9	100.4	12.1	<0.1	29.5
C3b	14:05	<0.5	20.3	8.0	8.2	91.0	28.0	<0.1	11
I5	13:48	<0.5	21.4	7.6	9.5	107.0	15.9	<0.1	13.5