

Impact Water Quality Monitoring Results

Date of Monitoring: 12/2/2016 Weather: Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	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	9:46	<0.5	20.2	7.1	6.7	71.1	6.6	<0.1	12
C3b	9:16	<0.5	19.2	7.3	7.0	75.9	6.8	<0.1	8.15
I5	9:28	<0.5	19.0	7.3	7.0	75.4	6.0	<0.1	6.55

Date of Monitoring: 12/5/2016 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	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	11:10	<0.5	24.8	6.9	7.1	85.9	12.7	<0.1	11
C3b	11:40	<0.5	23.4	7.3	7.6	89.1	13.5	<0.1	14
I5	11:59	<0.5	24.8	7.3	8.6	103.6	7.7	<0.1	6.9

Date of Monitoring: 12/7/2016 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	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	9:00	<0.5	18.8	6.8	6.6	72.3	20.0	<0.1	27.0
C3b	9:26	<0.5	19.1	7.4	8.5	92.0	3.9	<0.1	3.6
I5	9:38	<0.5	19.0	7.3	9.4	100.9	4.0	<0.1	3.9

Date of Monitoring: 12/9/2016 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	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	8:59	<0.5	18.0	7.0	7.2	76.0	5.9	<0.1	6.7
C3b	9:25	<0.5	18.0	7.3	8.8	92.7	3.2	<0.1	2.9
I5	9:38	<0.5	17.5	7.3	9.1	95.3	3.9	<0.1	2.7

Date of Monitoring: 12/12/2016 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	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	12:04	<0.5	24.0	7.0	6.0	71.3	4.0	<0.1	16.0
C3b	11:12	<0.5	22.7	7.4	9.6	111.0	4.9	<0.1	5.6
I5	11:19	<0.5	21.5	7.3	6.0	67.9	14.2	<0.1	3.8

Date of Monitoring: 12/14/2016 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	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	10:49	<0.5	22.6	7.2	7.4	85.3	20.0	<0.1	18.0
C3b	11:14	<0.5	21.1	7.4	7.9	88.7	7.7	<0.1	6.0
I5	11:30	<0.5	21.9	7.2	9.9	113.1	4.0	<0.1	3.7

Date of Monitoring: 12/16/2016 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	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	19.8	7.7	8.6	94.2	9.9	<0.1	6.3
C3b	11:55	<0.5	18.0	7.6	8.9	93.9	5.6	<0.1	4.4
I5	12:09	<0.5	19.1	7.6	11.5	124.2	6.5	<0.1	7.3

Date of Monitoring: 12/19/2016 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	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	11:10	<0.5	22.7	7.4	7.0	81.0	15.1	<0.1	9.9
C3b	11:38	<0.5	20.8	7.3	7.6	84.4	4.0	<0.1	2.9
I5	11:55	<0.5	23.0	7.3	10.1	118.2	4.7	<0.1	4.7

Date of Monitoring: 12/21/2016 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	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	16:15	<0.5	22.6	7.0	6.0	69.8	22.0	<0.1	14.0
C3b	16:33	<0.5	21.6	7.1	7.4	84.2	5.6	<0.1	4.2
I5	16:45	<0.5	22.5	7.1	8.7	100.9	7.8	<0.1	5.7

Date of Monitoring: 12/23/2016 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	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	20.7	6.5	6.5	73.0	16.4	<0.1	15.0
C3b	11:25	<0.5	20.0	6.8	7.8	86.1	7.8	<0.1	6.7
I5	11:34	<0.5	20.6	7.1	9.9	110.5	8.4	<0.1	5.3

Date of Monitoring: 12/28/2016 Weather: Sunny

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	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	11:12	<0.5	17.2	6.9	8.3	86.7	9.8	<0.1	8.6
C3b	11:32	<0.5	16.5	7.0	8.8	89.7	10.4	<0.1	5.0
I5	11:46	<0.5	16.7	7.1	10.9	112.2	5.2	<0.1	4.7

Date of Monitoring: 12/30/2016 Weather: Cloudy

Monitoring Location	Time	Water Depth (m)	Temperature (°C)	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	11:19	<0.5	20.1	6.5	7.8	86.1	20.2	<0.1	15.5
C3b	11:41	<0.5	17.6	6.7	8.8	92.7	5.8	<0.1	4.0
I5	11:52	<0.5	19.5	6.9	9.2	100.4	20.9	<0.1	15.0