

1-year Operation of TSTP - Marine Water Quality Monitoring Results on 2-Nov-20

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, Cfu/100ml									
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
11/2/2020	Mid-Ebb	Sunny	Moderate	C	12:24	9.3	Surface	1	1.0	25.9	8.0	94.7	6.28	6.2	36.00	36.24	3.9	3.9	2.5	2.9	<0.02	<0.02	0.75	0.38	<0.05	<0.05	0.02	0.02	3.8	2.1	NOT DETECTED	ND								
11/2/2020	Mid-Ebb	Sunny	Moderate	C			Surface	2	1.0	25.8	8.1	95.1	6.31	-	36.07	-	3.8	-	3.1	-	<0.02	-	0.26	-	<0.05	-	0.02	-	1.6	-	NOT DETECTED	-								
11/2/2020	Mid-Ebb	Sunny	Moderate	C			Middle	1	4.7	25.4	8.0	94.5	6.30	-	36.35	-	3.9	-	2.4	-	<0.02	-	0.27	-	<0.05	-	0.02	-	1.7	-	NOT DETECTED	-								
11/2/2020	Mid-Ebb	Sunny	Moderate	C			Middle	2	4.7	25.4	8.0	90.9	6.07	-	36.36	-	3.8	-	3.0	-	<0.02	-	0.44	-	<0.05	-	0.02	-	2.5	-	NOT DETECTED	-								
11/2/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	1	8.3	25.5	8.0	83.4	5.57	5.6	36.28	-	3.9	-	3.2	-	<0.02	-	0.28	-	<0.05	-	0.02	-	1.8	-	NOT DETECTED	-								
11/2/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	2	8.3	25.4	8.0	84.0	5.61	-	36.36	-	3.9	-	3.4	-	<0.02	-	0.26	-	<0.05	-	0.02	-	1.4	-	NOT DETECTED	-								
11/2/2020	Mid-Ebb	Sunny	Moderate	N1	12:39	6.3	Surface	1	1.0	25.9	8.1	94.8	6.29	6.2	35.91	36.20	3.6	4.7	2.9	3.3	<0.02	<0.02	0.30	0.31	<0.05	<0.05	0.02	0.02	1.8	1.9	NOT DETECTED	ND								
11/2/2020	Mid-Ebb	Sunny	Moderate	N1			Surface	2	1.0	25.9	8.1	95.1	6.31	-	35.96	-	3.5	-	2.4	-	<0.02	-	0.31	-	<0.05	-	0.02	-	1.6	-	NOT DETECTED	-								
11/2/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	1	3.2	25.4	8.0	90.2	6.02	-	36.33	-	5.3	-	3.2	-	<0.02	-	0.29	-	<0.05	-	0.02	-	1.7	-	NOT DETECTED	-								
11/2/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	2	3.2	25.4	8.0	92.0	6.14	-	36.34	-	5.5	-	4.1	-	<0.02	-	0.30	-	<0.05	-	0.02	-	2.0	-	NOT DETECTED	-								
11/2/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	1	5.3	25.4	8.0	82.5	5.51	5.7	36.34	-	4.9	-	3.4	-	<0.02	-	0.35	-	<0.05	-	0.02	-	2.1	-	NOT DETECTED	-								
11/2/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	2	5.3	25.4	8.0	87.2	5.83	-	36.31	-	5.2	-	4.0	-	<0.02	-	0.31	-	<0.05	-	0.03	-	2.0	-	NOT DETECTED	-								
11/2/2020	Mid-Ebb	Sunny	Moderate	FCZ1B	12:59	5.3	Surface	1	1.0	26.4	8.1	118.0	7.82	7.6	34.65	35.44	3.0	3.6	2.6	4.4	<0.02	0.02	0.40	0.40	<0.05	0.06	0.02	0.03	2.0	1.3	NOT DETECTED	3								
11/2/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Surface	2	1.0	26.4	8.1	109.7	7.27	-	34.71	-	2.9	-	2.7	-	<0.02	-	0.41	-	0.05	-	0.03	-	1.1	-	NOT DETECTED	-								
11/2/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	1	4.3	25.7	8.0	90.2	5.99	6.0	36.23	-	4.2	-	6.0	-	0.02	-	0.39	-	0.07	-	0.04	-	1.1	-	6*	-								
11/2/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	2	4.3	25.8	8.0	91.1	6.05	-	36.18	-	4.1	-	6.2	-	0.03	-	0.41	-	0.08	-	0.04	-	1.1	-	7*	-								
11/2/2020	Mid-Ebb	Sunny	Moderate	H4A	13:10	1.8	Middle	1	0.9	27.0	8.0	107.6	7.07	7.1	34.58	34.61	3.3	3.3	5.5	4.7	<0.02	<0.02	0.43	0.41	<0.05	<0.05	0.04	0.04	2.5	2.5	NOT DETECTED	ND								
11/2/2020	Mid-Ebb	Sunny	Moderate	H4A			Middle	2	0.9	26.9	8.0	107.3	7.05	-	34.63	-	3.3	-	3.8	-	<0.02	-	0.38	-	<0.05	-	0.03	-	2.4	-	NOT DETECTED	-								
11/2/2020	Mid-Ebb	Sunny	Moderate	H1A	13:19	1.4	Middle	1	0.7	26.8	8.0	106.6	7.03	7.0	34.36	34.34	4.4	4.3	4.7	4.9	<0.02	<0.02	0.44	0.45	<0.05	<0.05	0.03	0.03	1.4	1.9	NOT DETECTED	ND								
11/2/2020	Mid-Ebb	Sunny	Moderate	H1A			Middle	2	0.7	26.8	8.0	106.5	7.03	-	34.32	-	4.2	-	5.0	-	<0.02	-	0.45	-	<0.05	-	0.03	-	2.3	-	NOT DETECTED	-								
11/2/2020	Mid-Ebb	Sunny	Moderate	M1A	13:28	1.0	Middle	1	0.5	26.9	8.0	105.8	6.95	6.9	34.76	34.74	5.5	5.5	6.5	6.2	<0.02	<0.02	0.45	0.45	<0.05	<0.05	0.04	0.04	1.7	1.9	19	18								
11/2/2020	Mid-Ebb	Sunny	Moderate	M1A			Middle	2	0.5	26.9	8.0	105.3	6.92	-	34.72	-	5.4	-	5.9	-	<0.02	-	0.45	-	<0.05	-	0.04	-	2.1	-	16	-								
11/2/2020	Mid-Ebb	Sunny	Moderate	SGA	13:38	1.2	Middle	1	0.6	26.6	8.1	114.7	7.57	7.6	34.65	34.64	2.7	2.7	4.1	4.3	<0.02	<0.02	0.39	0.38	<0.05	<0.05	0.03	0.03	2.2	2.4	NOT DETECTED	ND								
11/2/2020	Mid-Ebb	Sunny	Moderate	SGA			Middle	2	0.6	26.6	8.1	116.7	7.71	-	34.63	-	2.7	-	4.4	-	<0.02	-	0.36	-	<0.05	-	0.03	-	2.6	-	NOT DETECTED	-								

DA - Depth-averaged
 DO - Dissolved Oxygen
 * denoted the estimated count
 Action Level - Value presented in bold
 Limit Level - Value presented in bold and underlined

1-year Operation of TSTP - Marine Water Quality Monitoring Results on 4-Nov-20

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, Cfu/100ml									
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
11/4/2020	Mid-Ebb	Sunny	Moderate	C	13:01	9.5	Surface	1	1.0	25.5	8.1	93.4	6.24	6.3	35.83	36.14	3.3	3.4	4.3	5.3	<0.02	<0.02	0.59	0.35	<0.05	<0.05	0.02	0.02	3.4	2.3	1	3								
11/4/2020	Mid-Ebb	Sunny	Moderate	C			Surface	2	1.0	25.4	8.1	97.3	6.51	-	35.85	-	3.3	-	5.1	-	<0.02	-	0.30	-	<0.05	-	0.02	-	2.0	-	2	-								
11/4/2020	Mid-Ebb	Sunny	Moderate	C			Middle	1	4.8	25.3	8.0	91.8	6.14	-	36.30	-	3.3	-	5.8	-	<0.02	-	0.30	-	<0.05	-	0.02	-	1.8	-	6'	-								
11/4/2020	Mid-Ebb	Sunny	Moderate	C			Middle	2	4.8	25.3	8.0	93.1	6.23	-	36.30	-	3.4	-	6.0	-	<0.02	-	0.29	-	<0.05	-	0.02	-	1.7	-	4'	-								
11/4/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	1	8.5	25.3	8.0	87.7	5.87	5.8	36.23	-	3.6	-	5.7	-	<0.02	-	0.33	-	<0.05	-	0.02	-	2.5	-	3'	-								
11/4/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	2	8.5	25.2	8.0	86.5	5.78	-	36.30	-	3.5	-	4.8	-	<0.02	-	0.30	-	<0.05	-	0.02	-	2.3	-	3'	-								
11/4/2020	Mid-Ebb	Sunny	Moderate	N1	13:20	6.5	Surface	1	1.0	25.3	8.1	105.3	7.06	6.9	35.87	36.03	2.3	2.6	5.7	5.0	<0.02	<0.02	0.34	0.35	<0.05	<0.05	0.02	0.02	2.3	2.2	5'	4								
11/4/2020	Mid-Ebb	Sunny	Moderate	N1			Surface	2	1.0	25.4	8.1	103.2	6.91	-	35.86	-	2.5	-	4.8	-	<0.02	-	0.37	-	<0.05	-	0.02	-	2.2	-	4'	-								
11/4/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	1	3.3	25.1	8.0	101.8	6.82	-	35.98	-	2.4	-	4.9	-	<0.02	-	0.30	-	<0.05	-	0.02	-	1.8	-	2'	-								
11/4/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	2	3.3	25.1	8.0	104.2	6.98	-	36.01	-	2.5	-	5.5	-	<0.02	-	0.35	-	<0.05	-	0.02	-	2.1	-	2'	-								
11/4/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	1	5.5	25.3	8.0	95.9	6.44	6.4	36.22	-	2.8	-	4.1	-	<0.02	-	0.35	-	<0.05	-	0.02	-	2.3	-	5'	-								
11/4/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	2	5.5	25.2	8.0	95.6	6.42	-	36.22	-	3.0	-	5.0	-	<0.02	-	0.37	-	<0.05	-	0.02	-	2.4	-	4'	-								
11/4/2020	Mid-Ebb	Sunny	Moderate	FCZ1B	13:35	4.7	Surface	1	1.0	25.4	8.1	115.2	7.72	7.7	35.85	35.90	2.4	2.5	4.4	4.2	<0.02	<0.02	0.30	0.31	<0.05	<0.05	0.02	0.02	2.5	2.1	4'	3								
11/4/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Surface	2	1.0	25.4	8.1	115.2	7.72	-	35.86	-	2.4	-	5.2	-	<0.02	-	0.33	-	<0.05	-	0.02	-	2.6	-	3'	-								
11/4/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	1	3.7	25.1	8.1	114.6	7.71	7.7	35.94	-	2.5	-	3.2	-	<0.02	-	0.30	-	<0.05	-	0.02	-	1.4	-	2'	-								
11/4/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	2	3.7	25.1	8.1	115.2	7.74	-	35.93	-	2.6	-	4.0	-	<0.02	-	0.32	-	<0.05	-	0.02	-	1.9	-	3'	-								
11/4/2020	Mid-Ebb	Sunny	Moderate	H4A	13:51	1.6	Middle	1	0.8	25.5	8.1	120.9	8.08	8.1	35.79	35.79	3.1	3.1	5.8	5.3	<0.02	<0.02	0.31	0.31	<0.05	<0.05	0.02	0.02	2.0	2.1	4'	5								
11/4/2020	Mid-Ebb	Sunny	Moderate	H4A			Middle	2	0.8	25.5	8.1	120.8	8.07	-	35.79	-	3.0	-	4.8	-	<0.02	-	0.31	-	<0.05	-	0.02	-	2.2	-	5'	-								
11/4/2020	Mid-Ebb	Sunny	Moderate	H1A	14:03	1.4	Middle	1	0.7	25.7	8.1	121.4	8.10	8.1	35.74	35.74	3.0	3.0	5.6	6.1	<0.02	<0.02	0.30	0.31	<0.05	<0.05	0.02	0.02	2.2	2.2	3'	4								
11/4/2020	Mid-Ebb	Sunny	Moderate	H1A			Middle	2	0.7	25.7	8.1	121.4	8.09	-	35.73	-	2.9	-	6.6	-	<0.02	-	0.31	-	<0.05	-	0.02	-	2.2	-	4'	-								
11/4/2020	Mid-Ebb	Sunny	Moderate	M1A	14:17	1.0	Middle	1	0.5	25.7	8.1	121.4	8.09	8.1	35.71	35.72	2.9	2.9	4.3	4.8	<0.02	<0.02	0.32	0.32	<0.05	<0.05	0.02	0.02	2.0	2.0	2'	2								
11/4/2020	Mid-Ebb	Sunny	Moderate	M1A			Middle	2	0.5	25.7	8.1	121.2	8.08	-	35.73	-	2.9	-	5.2	-	<0.02	-	0.32	-	<0.05	-	0.02	-	2.0	-	2'	-								
11/4/2020	Mid-Ebb	Sunny	Moderate	SGA	14:30	0.8	Middle	1	0.4	25.7	8.1	121.1	8.07	8.1	35.72	35.74	2.8	2.9	5.0	5.4	<0.02	<0.02	0.31	0.31	<0.05	<0.05	0.02	0.02	2.2	2.2	2'	3								
11/4/2020	Mid-Ebb	Sunny	Moderate	SGA			Middle	2	0.4	25.6	8.1	121.3	8.09	-	35.76	-	2.9	-	5.8	-	<0.02	-	0.30	-	<0.05	-	0.02	-	2.1	-	3'	-								

DA - Depth-averaged
 DO - Dissolved Oxygen
 * denoted the estimated count
Action Level - Value presented in bold
Limit Level - Value presented in bold and underlined

1-year Operation of TSTP - Marine Water Quality Monitoring Results on 6-Nov-20

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, CfU/100ml									
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
11/6/2020	Mid-Flood	Sunny	Moderate	C	9:21	9.2	Surface	1	1.0	25.0	7.9	90.7	6.09	6.06	35.13	35.90	3.3	3.4	5.0	3.8	<0.02	<0.02	0.38	0.32	<0.05	<0.05	0.02	0.02	2	1.6	NOT DETECTED	ND								
11/6/2020	Mid-Flood	Sunny	Moderate	C			Surface	2	1.0	25.0	7.9	89.6	6.04	-	35.13	-	3.2	-	4.2	-	<0.02	-	0.25	-	<0.05	-	0.02	-	2.1	-	NOT DETECTED	-								
11/6/2020	Mid-Flood	Sunny	Moderate	C			Middle	1	4.6	25.0	7.9	90.4	6.07	-	36.26	-	3.5	-	3.2	-	<0.02	-	0.24	-	<0.05	-	0.02	-	1.4	-	NOT DETECTED	-								
11/6/2020	Mid-Flood	Sunny	Moderate	C			Middle	2	4.6	25.1	8.0	89.5	6.02	-	36.24	-	3.3	-	3.0	-	<0.02	-	0.49	-	<0.05	-	0.02	-	1.3	-	NOT DETECTED	-								
11/6/2020	Mid-Flood	Sunny	Moderate	C			Bottom	1	8.2	25.0	7.9	86.1	5.79	5.90	36.34	-	3.5	-	3.7	-	<0.02	-	0.28	-	<0.05	-	0.02	-	1.5	-	NOT DETECTED	-								
11/6/2020	Mid-Flood	Sunny	Moderate	C			Bottom	2	8.2	25.0	7.9	89.5	6.01	-	36.32	-	3.5	-	3.6	-	<0.02	-	0.30	-	<0.05	-	0.02	-	1.4	-	NOT DETECTED	-								
11/6/2020	Mid-Flood	Sunny	Moderate	N2	9:41	5.4	Surface	1	1.0	25.0	8.0	94.9	6.43	6.44	35.14	35.71	3.5	3.5	2.6	3.9	<0.02	<0.02	0.31	0.30	<0.05	<0.05	0.02	0.02	1.5	1.4	NOT DETECTED	ND								
11/6/2020	Mid-Flood	Sunny	Moderate	N2			Surface	2	1.0	25.0	8.0	95.1	6.44	-	35.20	-	3.5	-	2.6	-	<0.02	-	0.32	-	<0.05	-	0.02	-	1.4	-	NOT DETECTED	-								
11/6/2020	Mid-Flood	Sunny	Moderate	N2			Bottom	1	4.4	25.0	8.0	94.1	6.37	6.25	36.25	-	3.5	-	4.8	-	<0.02	-	0.27	-	<0.05	-	0.02	-	1.4	-	NOT DETECTED	-								
11/6/2020	Mid-Flood	Sunny	Moderate	N2			Bottom	2	4.4	25.0	8.0	91.0	6.12	-	36.26	-	3.5	-	5.6	-	<0.02	-	0.30	-	<0.05	-	0.02	-	1.4	-	NOT DETECTED	-								
11/6/2020	Mid-Flood	Sunny	Moderate	FCZ1B	9:59	4.8	Surface	1	1.0	25.0	8.0	91.9	6.20	6.30	35.42	35.72	3.2	3.2	4.8	4.2	<0.02	<0.02	0.32	0.33	<0.05	<0.05	0.02	0.02	1.4	1.3	NOT DETECTED	ND								
11/6/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Surface	2	1.0	25.1	8.0	94.5	6.40	-	35.18	-	3.2	-	4.4	-	<0.02	-	0.36	-	<0.05	-	0.02	-	1.2	-	NOT DETECTED	-								
11/6/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Bottom	1	3.8	25.1	8.0	91.7	6.16	6.15	36.07	-	3.3	-	4.2	-	<0.02	-	0.33	-	<0.05	-	0.02	-	1.4	-	NOT DETECTED	-								
11/6/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Bottom	2	3.8	25.1	8.0	91.3	6.14	-	36.21	-	3.2	-	3.3	-	<0.02	-	0.32	-	<0.05	-	0.02	-	1.3	-	NOT DETECTED	-								
11/6/2020	Mid-Flood	Sunny	Moderate	H4A	10:11	1.6	Middle	1	0.8	25.2	7.9	95.5	6.43	6.30	35.27	35.26	3.1	3.1	3.4	3.9	<0.02	<0.02	0.34	0.33	<0.05	<0.05	0.02	0.02	1.4	1.4	NOT DETECTED	ND								
11/6/2020	Mid-Flood	Sunny	Moderate	H4A			Middle	2	0.8	25.2	8.0	91.2	6.16	-	35.24	-	3.1	-	4.3	-	<0.02	-	0.31	-	<0.05	-	0.02	-	1.4	-	NOT DETECTED	-								
11/6/2020	Mid-Flood	Sunny	Moderate	H1A	10:20	1.4	Middle	1	0.7	25.3	7.9	93.7	6.30	6.30	35.21	35.22	3.5	3.5	4.5	4.3	<0.02	<0.02	0.33	0.33	<0.05	<0.05	0.02	0.02	1.4	1.4	NOT DETECTED	ND								
11/6/2020	Mid-Flood	Sunny	Moderate	H1A			Middle	2	0.7	25.2	7.9	93.2	6.29	-	35.22	-	3.5	-	4.1	-	<0.02	-	0.32	-	<0.05	-	0.02	-	1.4	-	NOT DETECTED	-								
11/6/2020	Mid-Flood	Sunny	Moderate	M1A	10:29	1.0	Middle	1	0.5	25.5	7.9	91.0	6.11	6.18	35.05	35.10	3.5	3.6	3.3	3.4	<0.02	<0.02	0.29	0.31	<0.05	<0.05	0.02	0.02	1.2	1.3	NOT DETECTED	ND								
11/6/2020	Mid-Flood	Sunny	Moderate	M1A			Middle	2	0.5	25.4	7.9	93.0	6.25	-	35.14	-	3.6	-	3.4	-	<0.02	-	0.32	-	<0.05	-	0.02	-	1.4	-	NOT DETECTED	-								
11/6/2020	Mid-Flood	Sunny	Moderate	SGA	10:40	1.0	Middle	1	0.5	25.5	8.0	93.3	6.26	6.27	35.00	35.01	3.2	3.2	4.3	3.9	<0.02	<0.02	0.33	0.33	<0.05	<0.05	0.02	0.02	1.3	1.3	NOT DETECTED	ND								
11/6/2020	Mid-Flood	Sunny	Moderate	SGA			Middle	2	0.5	25.5	8.0	93.6	6.28	-	35.01	-	3.2	-	3.5	-	<0.02	-	0.33	-	<0.05	-	0.02	-	1.3	-	NOT DETECTED	-								

Remarks:

DA - Depth-averaged

DO - Dissolved Oxygen

* denoted the estimated count

Action Level - Value presented in bold

Limit Level - Value presented in bold and underlined

Marine Water Quality Monitoring Results on 9-Nov-20 at Mid-Ebb tide

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, Cfu/100ml	
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
11/9/2020	Mid-Ebb	Sunny	Moderate	C	5:51	9.2	Surface	1	1.0	24.8	8.0	101.5	6.84	6.80	36.25	36.26	4.2	4.2	6.9	7.6	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	C			Surface	2	1.0	24.8	8.0	100.7	6.79	-	36.24	-	4.1	-	7.6	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	C			Middle	1	4.6	24.8	8.0	100.8	6.80	-	36.26	-	4.2	-	7.8	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	C			Middle	2	4.6	24.9	8.0	100.5	6.78	-	36.26	-	4.2	-	7.0	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	1	8.2	24.8	8.0	100.3	6.77	6.78	36.26	-	4.3	-	7.7	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	2	8.2	24.8	8.0	100.7	6.79	-	36.26	-	4.3	-	8.5	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	N1	6:06	6.2	Surface	1	1.0	24.8	8.0	104.0	7.01	7.15	36.24	36.25	3.8	3.8	5.4	4.9	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	N1			Surface	2	1.0	24.8	8.0	109.7	7.39	-	36.24	-	3.8	-	5.3	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	1	3.1	24.8	8.0	108.2	7.30	-	36.26	-	3.9	-	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	2	3.1	24.8	8.0	102.0	6.88	-	36.25	-	3.8	-	5.0	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	1	5.2	24.9	8.0	101.9	6.87	6.97	36.25	-	3.8	-	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	2	5.2	24.9	8.0	104.6	7.06	-	36.26	-	3.7	-	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	FCZ1A	6:48	3.3	Surface	1	1.0	24.8	8.1	112.4	7.60	7.60	35.74	35.81	4.2	4.2	6.4	6.7	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	FCZ1A			Surface	2	1.0	24.8	8.0	112.0	7.59	-	35.68	-	4.2	-	6.0	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	FCZ1A			Bottom	1	2.3	24.9	8.1	110.3	7.45	7.52	35.92	-	4.1	-	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	FCZ1A			Bottom	2	2.3	24.9	8.1	112.3	7.59	-	35.91	-	4.4	-	7.2	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	H4A	6:35	1.8	Middle	1	0.9	24.8	8.0	102.9	6.97	6.98	35.58	35.58	4.5	4.5	7.6	7.9	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	H4A			Middle	2	0.9	24.8	8.0	103.1	6.98	-	35.57	-	4.5	-	8.1	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	H1A	6:58	1.0	Middle	1	0.5	24.8	7.9	102.0	6.87	6.90	35.57	35.57	4.1	4.1	8.6	8.6	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	H1A			Middle	2	0.5	24.8	7.9	102.9	6.93	-	35.57	-	4.1	-	8.5	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	M1A	7:10	1.2	Middle	1	0.6	24.8	7.9	101.0	6.80	6.80	35.57	35.57	4.2	4.2	8.0	8.1	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	M1A			Middle	2	0.6	24.8	7.9	101.1	6.80	-	35.57	-	4.2	-	8.1	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	SGA	7:23	1.0	Middle	1	0.5	24.8	7.9	100.6	6.78	6.78	35.56	35.56	4.5	4.5	8.4	8.6	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Ebb	Sunny	Moderate	SGA			Middle	2	0.5	24.8	7.9	100.7	6.78	-	35.57	-	4.5	-	8.7	-	-	-	-	-	-	-	-	-	-	-	-	-

Marine Water Quality Monitoring Results on 9-Nov-20 at Mid-Flood tide

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, Cfu/100ml		
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value
11/9/2020	Mid-Flood	Sunny	Moderate	C	19:25	9.2	Surface	1	1.0	24.8	8.1	96.8	6.49	6.49	36.23	36.25	5.2	5.4	8.9	7.9	<0.02	<0.02	0.29	0.29	<0.05	<0.05	0.02	0.02	1.3	1.4	2'	2	
11/9/2020	Mid-Flood	Sunny	Moderate	C			Surface	2	1.0	24.8	8.0	97.0	6.51	-	36.24	-	5.2	-	8.7	-	<0.02	-	0.29	-	<0.05	-	0.02	-	1.3	-	2'	-	
11/9/2020	Mid-Flood	Sunny	Moderate	C			Middle	1	4.6	24.9	8.0	96.7	6.49	-	36.25	-	5.5	-	8.7	-	<0.02	-	0.28	-	<0.05	-	0.02	-	1.3	-	2'	-	
11/9/2020	Mid-Flood	Sunny	Moderate	C			Middle	2	4.6	24.9	8.0	96.4	6.47	-	36.25	-	5.5	-	8.3	-	<0.02	-	0.29	-	<0.05	-	0.02	-	1.4	-	1'	-	
11/9/2020	Mid-Flood	Sunny	Moderate	C			Bottom	1	8.2	24.9	8.0	96.3	6.46	6.47	36.25	-	5.5	-	6.0	-	<0.02	-	0.29	-	<0.05	-	0.02	-	1.5	-	2'	-	
11/9/2020	Mid-Flood	Sunny	Moderate	C			Bottom	2	8.2	24.8	8.0	96.4	6.47	-	36.25	-	5.3	-	6.5	-	<0.02	-	0.30	-	<0.05	-	0.02	-	1.6	-	2'	-	
11/9/2020	Mid-Flood	Sunny	Moderate	N2	19:06	5.2	Surface	1	1.0	24.9	8.0	100.6	6.79	6.80	36.24	36.25	4.2	4.2	5.1	4.9	<0.02	<0.02	0.30	0.29	<0.05	<0.05	0.02	0.02	1	1.2	2'	2	
11/9/2020	Mid-Flood	Sunny	Moderate	N2			Surface	2	1.0	24.9	8.0	100.9	6.80	-	36.24	-	4.2	-	5.3	-	<0.02	-	0.29	-	<0.05	-	0.02	-	1.3	-	1'	-	
11/9/2020	Mid-Flood	Sunny	Moderate	N2			Bottom	1	4.2	24.9	8.0	100.7	6.79	6.81	36.25	-	4.1	-	4.9	-	<0.02	-	0.28	-	<0.05	-	0.02	-	1.3	-	1'	-	
11/9/2020	Mid-Flood	Sunny	Moderate	N2			Bottom	2	4.2	24.9	8.0	101.2	6.83	-	36.25	-	4.2	-	4.4	-	<0.02	-	0.30	-	<0.05	-	0.02	-	1.3	-	2'	-	
11/9/2020	Mid-Flood	Sunny	Moderate	FCZ1A	18:30	3.4	Surface	1	1.0	24.8	8.1	113.1	7.64	7.67	35.95	35.96	3.7	3.7	5.5	5.6	-	-	-	-	-	-	-	-	-	-	-	-	
11/9/2020	Mid-Flood	Sunny	Moderate	FCZ1A			Surface	2	1.0	24.8	8.1	113.8	7.69	-	35.95	-	3.6	-	5.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Flood	Sunny	Moderate	FCZ1A			Bottom	1	2.4	24.9	8.1	113.4	7.66	7.59	35.98	-	3.7	-	6.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Flood	Sunny	Moderate	FCZ1A			Bottom	2	2.4	24.8	8.1	111.2	7.51	-	35.97	-	3.7	-	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/9/2020	Mid-Flood	Sunny	Moderate	FCZ1B	18:52	4.6	Surface	1	1.0	24.8	8.1	113.4	7.66	7.65	35.94	35.96	3.9	4.1	5.6	6.0	<0.02	<0.02	0.28	0.29	<0.05	<0.05	0.02	0.02	1.6	1.7	2'	2	
11/9/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Surface	2	1.0	24.9	8.1	113.0	7.63	-	35.95	-	3.9	-	5.9	-	<0.02	-	0.27	-	<0.05	-	0.02	-	1.7	-	1'	-	
11/9/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Bottom	1	3.6	24.9	8.1	113.7	7.68	7.66	35.97	-	4.4	-	6.6	-	<0.02	-	0.33	-	<0.05	-	0.02	-	2.0	-	1'	-	
11/9/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Bottom	2	3.6	24.9	8.1	113.1	7.64	-	35.98	-	4.0	-	5.9	-	<0.02	-	0.26	-	<0.05	-	0.02	-	1.6	-	2'	-	
11/9/2020	Mid-Flood	Sunny	Moderate	H4A	18:41	1.8	Middle	1	0.9	24.8	7.9	100.5	6.77	6.77	35.56	35.56	4.1	4.1	8.1	8.0	<0.02	<0.02	0.32	0.34	<0.05	<0.05	0.03	0.03	1.2	1.3	NOT DETECTED	<1	
11/9/2020	Mid-Flood	Sunny	Moderate	H4A			Middle	2	0.9	24.8	7.9	100.4	6.76	-	35.56	-	4.1	-	7.9	-	<0.02	-	0.36	-	<0.05	-	0.03	-	1.4	-	1'	-	
11/9/2020	Mid-Flood	Sunny	Moderate	H1A	18:22	1.0	Middle	1	0.5	24.8	7.9	100.6	6.77	6.77	35.56	35.56	4.5	4.5	8.3	8.3	<0.02	<0.02	0.31	0.31	<0.05	<0.05	0.03	0.03	1.2	1.2	NOT DETECTED	ND	
11/9/2020	Mid-Flood	Sunny	Moderate	H1A			Middle	2	0.5	24.8	7.9	100.5	6.76	-	35.56	-	4.5	-	8.2	-	<0.02	-	0.30	-	<0.05	-	0.03	-	1.2	-	NOT DETECTED	-	
11/9/2020	Mid-Flood	Sunny	Moderate	M1A	18:11	1.2	Middle	1	0.6	24.8	7.9	101.1	6.81	6.80	35.59	35.58	4.4	4.4	8.5	8.3	<0.02	<0.02	0.31	0.31	<0.05	<0.05	0.03	0					

Marine Water Quality Monitoring Results on 11-Nov-20 at Mid-Ebb tide

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, Cfu/100ml									
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
													11/11/2020	Mid-Ebb	Sunny	Moderate	C	7:32	9.3	Surface	1	1.0	24.5	8.0	92.4	6.28	6.22	36.16	36.28	4.2	4.2	2.9	3.0	-	-	-	-	-	-	-

DA - Depth-averaged
Marine Water Quality Monitoring Results on 11-Nov-20 at Mid-Flood tide

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, Cfu/100ml									
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
													11/11/2020	Mid-Flood	Sunny	Moderate	C	16:16	9.3	Surface	1	1.0	24.5	8.1	91.0	6.19	6.17	36.14	36.27	4.0	4.0	4.3	4.4	<0.02	<0.02	0.28	0.28	<0.05	<0.05	0.02

DA - Depth-averaged
DO - Dissolved Oxygen
* denoted the estimated count

Action Level - Value presented in bold
Limit Level - Value presented in bold and underlined

Marine Water Quality Monitoring Results on 13-Nov-20 at Mid-Ebb tide

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, Cfu/100ml									
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
													11/13/2020	Mid-Ebb	Cloudy	Moderate	C	9:23	10.2	Surface	1	1.0	24.2	8.0	95.6	6.52	6.61	36.24	36.39	4.6	4.6	4.5	4.1	-	-	-	-	-	-	-
11/13/2020	Mid-Ebb	Cloudy	Moderate	C			Surface	2	1.0	24.2	8.0	98.4	6.71	-	36.23	-	4.5	-	4.9	-	-	-	-	-	-	-	-	-	-	-	-	-								
11/13/2020	Mid-Ebb	Cloudy	Moderate	C			Middle	1	5.1	24.1	8.0	95.3	6.49	-	36.47	-	4.6	-	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-								
11/13/2020	Mid-Ebb	Cloudy	Moderate	C			Middle	2	5.1	24.2	8.0	98.2	6.70	-	36.48	-	4.6	-	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	C			Bottom	1	9.2	24.2	8.0	96.4	6.57	6.48	36.42	-	4.8	-	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	C			Bottom	2	9.2	24.2	8.0	93.6	6.38	-	36.49	-	4.6	-	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	N1	9:41	6.3	Surface	1	1.0	24.2	8.0	100.5	6.84	6.82	36.23	36.37	4.3	4.4	3.0	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	N1			Surface	2	1.0	24.2	8.0	100.6	6.86	-	36.22	-	4.4	-	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	N1			Middle	1	3.2	24.2	8.0	99.9	6.82	-	36.44	-	4.4	-	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	N1			Middle	2	3.2	24.2	8.0	98.8	6.74	-	36.43	-	4.4	-	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	N1			Bottom	1	5.3	24.2	8.0	99.0	6.74	6.69	36.42	-	4.4	-	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	N1			Bottom	2	5.3	24.2	8.0	97.3	6.63	-	36.50	-	4.4	-	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	FCZ1A	10:14	3.1	Surface	1	1.0	24.2	8.0	96.5	6.59	6.57	35.92	35.93	3.3	3.3	3.8	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	FCZ1A			Surface	2	1.0	24.2	8.0	95.9	6.55	-	35.92	-	3.2	-	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	FCZ1A			Bottom	1	2.1	24.2	8.0	96.1	6.56	6.60	35.93	-	3.3	-	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	FCZ1A			Bottom	2	2.1	24.2	8.0	97.2	6.64	-	35.93	-	3.2	-	4.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	H4A	9:59	1.8	Middle	1	0.9	24.2	8.0	103.2	7.06	6.96	35.92	35.92	3.4	3.3	4.1	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	H4A			Middle	2	0.9	24.2	8.0	100.3	6.85	-	35.92	-	3.2	-	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	H1A	10:25	1.4	Middle	1	0.7	24.2	8.0	95.8	6.54	6.54	35.92	35.92	3.2	3.2	4.8	5.3	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	H1A			Middle	2	0.7	24.2	8.0	95.8	6.54	-	35.92	-	3.2	-	5.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	M1A	10:37	1.2	Middle	1	0.6	24.2	8.0	95.3	6.51	6.52	35.91	35.91	3.3	3.3	3.0	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	M1A			Middle	2	0.6	24.2	8.0	95.5	6.52	-	35.91	-	3.3	-	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	SGA	10:49	1.0	Middle	1	0.5	24.2	8.0	94.8	6.48	6.48	35.91	35.91	3.5	3.5	3.5	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Ebb	Cloudy	Moderate	SGA			Middle	2	0.5	24.2	8.0	94.8	6.48	-	35.91	-	3.5	-	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-							

DA - Depth-averaged
Marine Water Quality Monitoring Results on 13-Nov-20 at Mid-Flood tide

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, Cfu/100ml									
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
													11/13/2020	Mid-Flood	Cloudy	Moderate	C	17:01	9.5	Surface	1	1.0	24.2	8.0	92.2	6.30	6.28	36.23	36.41	5.5	5.5	3.6	4.2	<0.02	<0.02	0.26	0.27	<0.05	<0.05	0.02
11/13/2020	Mid-Flood	Cloudy	Moderate	C			Surface	2	1.0	24.2	8.0	92.3	6.29	-	36.24	-	5.5	-	4.6	-	<0.02	-	0.25	-	<0.05	-	0.02	-	2	-	11	-								
11/13/2020	Mid-Flood	Cloudy	Moderate	C			Middle	1	4.8	24.2	8.0	91.5	6.23	-	36.50	-	5.5	-	3.9	-	<0.02	-	0.26	-	<0.05	-	0.03	-	1.6	-	12	-								
11/13/2020	Mid-Flood	Cloudy	Moderate	C			Middle	2	4.8	24.2	8.0	92.3	6.29	-	36.51	-	5.5	-	4.7	-	<0.02	-	0.25	-	<0.05	-	0.03	-	1.9	-	16	-								
11/13/2020	Mid-Flood	Cloudy	Moderate	C			Bottom	1	8.5	24.2	8.0	90.2	6.16	6.13	36.46	-	5.6	-	3.7	-	<0.02	-	0.28	-	<0.05	-	0.03	-	2	-	11	-								
11/13/2020	Mid-Flood	Cloudy	Moderate	C			Bottom	2	8.5	24.2	8.0	89.5	6.10	-	36.50	-	5.5	-	4.6	-	<0.02	-	0.29	-	<0.05	-	0.02	-	1.9	-	9	-								
11/13/2020	Mid-Flood	Cloudy	Moderate	N2	16:46	5.3	Surface	1	1.0	24.2	8.0	103.9	7.08	7.05	36.27	36.34	4.2	4.1	4.1	4.2	<0.02	<0.02	0.25	0.25	<0.05	<0.05	0.02	0.02	1.9	2.0	5'	8								
11/13/2020	Mid-Flood	Cloudy	Moderate	N2			Surface	2	1.0	24.2	8.0	102.8	7.01	-	36.23	-	4.1	-	3.4	-	<0.02	-	0.26	-	<0.05	-	0.02	-	1.9	-	5'	-								
11/13/2020	Mid-Flood	Cloudy	Moderate	N2			Bottom	1	4.3	24.2	8.0	100.8	6.88	6.90	36.47	-	4.1	-	4.8	-	<0.02	-	0.24	-	<0.05	-	0.02	-	2.1	-	10	-								
11/13/2020	Mid-Flood	Cloudy	Moderate	N2			Bottom	2	4.3	24.2	8.0	101.3	6.91	-	36.40	-	4.1	-	4.5	-	<0.02	-	0.25	-	<0.05	-	0.02	-	1.9	-	12	-								
11/13/2020	Mid-Flood	Cloudy	Moderate	FCZ1A	16:02	3.3	Surface	1	1.0	24.4	7.9	92.9	6.33	6.43	35.71	35.74	5.2	5.1	3.8	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Flood	Cloudy	Moderate	FCZ1A			Surface	2	1.0	24.4	7.9	95.8	6.53	-	35.71	-	5.1	-	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Flood	Cloudy	Moderate	FCZ1A			Bottom	1	2.3	24.4	7.9	91.6	6.24	6.30	35.73	-	5.1	-	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Flood	Cloudy	Moderate	FCZ1A			Bottom	2	2.3	24.4	7.9	93.5	6.36	-	35.82	-	5.1	-	4.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/13/2020	Mid-Flood	Cloudy	Moderate	FCZ1B	16:29	4.2	Surface	1	1.0	24.1	8.0	98.1	6.68	6.68	35.88	36.03	3.8	3.9	4.8	4.2	<0.02	<0.02	0.29	0.28	<0.05	<0.05	0.02	0.02	1.9	2.1	1'	2								
11/13/2020	Mid-Flood	Cloudy	Moderate	FCZ1B			Surface	2	1.0	24.2	8.0	98.1	6.68	-	35.88	-	3.9	-	4.6	-	<0.02	-	0.27	-	<0.05	-	0.02	-	2.0	-	1'	-								
11/13/2020	Mid-Flood	Cloudy	Moderate	FCZ1B			Bottom	1	3.2	24.3	8.0	92.0	6.27	6.42	36.21	-	3.9	-	3.4	-	<0.02	-	0.28	-	<0.05	-	0.02	-	2.2	-	1'	-								
11/13/2020	Mid-Flood	Cloudy	Moderate	FCZ1B			Bottom	2	3.2	24.3	8.0	96.1	6.56	-	36.13	-	4.1	-	4.0	-	<0.02	-	0.27	-	<0.05	-	0.02	-	2.2	-	2'	-								
11/13/2020	Mid-Flood	Cloudy	Moderate	H4A	16:15	1.8	Middle	1	0.9	24.4	7.9	93.4	6.35	6.41	35.70	35.70	4.6	4.7	4.4	4.8	<0.02	<0.02	0.32	0.32	<0.05	<0.05	0.03	0.03	1.9	1.9	NOT DETECTED	ND								
11/13/2020	Mid-Flood	Cloudy	Moderate	H4A			Middle	2	0.9	24.4	7.9	95.1	6.47	-	35.70	-	4.7	-	5.2	-	<0.02	-	0.32	-	<0.05	-	0.03	-	1.9	-	NOT DETECTED	ND								
11/13/2020	Mid-Flood	Cloudy	Moderate	H1A	15:50	1.6	Middle	1	0.8	24.4	7.9	94.3	6.43	6.43	35.70	35.71	4.8	4.8	5.7	5.2	<0.02	<0.02	0.31	0.31	<0.05	<0.05	0.03	0.03	2.0	2.0	NOT DETECTED	ND								
11/13/2020	Mid-Flood	Cloudy	Moderate	H1A			Middle	2	0.8	24.4	7.9	94.2	6.42	-	35.71	-	4.7	-	4.7	-	<0.02	-	0.31	-	<0.05	-	0.03	-	1.9	-	NOT DETECTED	ND								
11/13/2020	Mid-Flood	Cloudy	Moderate	M1A	15:41	1																																		

Marine Water Quality Monitoring Results on 16-Nov-20 at Mid-Ebb tide

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, Cfu/100ml									
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
													11/16/2020	Mid-Ebb	Cloudy	Moderate	C	11:52	9.1	Surface	1	1.0	25.4	8.1	92.7	6.25	6.21	34.39	35.72	2.5	2.6	3.8	3.3	-	-	-	-	-	-	-
11/16/2020	Mid-Ebb	Cloudy	Moderate	C			Surface	2	1.0	25.4	8.0	91.8	6.21	-	34.39	-	2.5	-	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Ebb	Cloudy	Moderate	C			Bottom	1	4.6	25.4	7.9	92.5	6.24	-	36.39	-	2.7	-	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/16/2020	Mid-Ebb	Cloudy	Moderate	C			Bottom	1	8.1	25.4	7.7	91.9	6.14	-	36.35	-	2.8	-	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/16/2020	Mid-Ebb	Cloudy	Moderate	C			Bottom	2	8.1	25.3	7.8	91.8	6.21	-	36.45	-	2.5	-	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/16/2020	Mid-Ebb	Cloudy	Moderate	C			Bottom	2	8.1	25.3	7.8	91.8	6.21	-	36.34	-	2.5	-	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
11/16/2020	Mid-Ebb	Cloudy	Moderate	N1	12:11	6.2	Surface	1	1.0	25.4	8.1	97.0	6.55	6.46	34.39	35.61	2.2	2.2	3.0	3.5	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Ebb	Cloudy	Moderate	N1			Surface	2	1.0	25.4	8.1	96.1	6.49	-	34.39	-	2.1	-	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Ebb	Cloudy	Moderate	N1			Bottom	1	3.1	25.0	7.9	94.6	6.38	-	35.93	-	2.2	-	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Ebb	Cloudy	Moderate	N1			Bottom	2	3.1	25.0	7.9	95.2	6.41	-	36.00	-	2.2	-	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Ebb	Cloudy	Moderate	N1			Bottom	1	5.2	25.2	7.8	91.8	6.21	6.18	36.49	-	2.2	-	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Ebb	Cloudy	Moderate	N1			Bottom	2	5.2	25.2	7.8	91.9	6.14	-	36.44	-	2.2	-	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Ebb	Cloudy	Moderate	FCZ1A	12:47	3.3	Surface	1	1.0	25.1	8.1	106.0	7.15	7.24	34.59	35.07	2.1	2.2	3.4	3.8	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Ebb	Cloudy	Moderate	FCZ1A			Surface	2	1.0	25.2	8.1	108.2	7.32	-	34.50	-	2.1	-	4.3	-	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Ebb	Cloudy	Moderate	FCZ1A			Bottom	1	2.3	25.1	8.1	102.0	6.91	7.11	36.54	-	2.2	-	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Ebb	Cloudy	Moderate	FCZ1A			Bottom	2	2.3	25.1	8.1	108.6	7.31	-	35.66	-	2.3	-	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Ebb	Cloudy	Moderate	H4A	12:31	1.6	Surface	1	0.8	25.5	8.0	95.3	6.43	6.42	34.37	34.40	2.1	2.1	2.7	3.0	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Ebb	Cloudy	Moderate	H4A			Surface	2	0.8	25.3	8.0	94.2	6.41	-	34.42	-	2.1	-	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Ebb	Cloudy	Moderate	H1A	12:57	1.4	Middle	1	0.7	25.0	8.1	101.8	6.86	6.86	35.77	35.78	1.3	1.3	3.2	3.6	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Ebb	Cloudy	Moderate	H1A			Middle	2	0.7	25.0	8.1	102.4	6.89	-	35.78	-	1.3	-	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Ebb	Cloudy	Moderate	M1A	13:06	1.2	Middle	1	0.6	25.0	8.1	96.5	6.55	6.53	35.50	35.00	1.5	1.5	2.9	2.6	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Ebb	Cloudy	Moderate	M1A			Middle	2	0.6	25.0	8.1	95.8	6.51	-	34.49	-	1.5	-	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Ebb	Cloudy	Moderate	SGA	13:16	1.2	Middle	1	0.6	25.1	8.1	96.2	6.41	6.33	35.71	35.60	1.7	1.7	2.6	3.1	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Ebb	Cloudy	Moderate	SGA			Middle	2	0.6	25.1	8.1	92.5	6.24	-	35.48	-	1.7	-	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-								

DA - Depth-averaged
Marine Water Quality Monitoring Results on 16-Nov-20 at Mid-Flood tide

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, Cfu/100ml									
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
													11/16/2020	Mid-Flood	Cloudy	Moderate	C	19:04	9.3	Surface	1	1.0	25.5	8.1	93.7	6.32	6.26	34.38	35.76	2.1	2.2	5.6	4.5	<0.02	<0.02	0.32	0.34	<0.05	<0.05	0.02
11/16/2020	Mid-Flood	Cloudy	Moderate	C			Surface	2	1.0	25.3	8.1	93.0	6.29	-	34.47	-	2.1	-	5.5	-	<0.02	-	0.33	-	<0.05	-	0.02	-	3.5	-	NOT DETECTED	-								
11/16/2020	Mid-Flood	Cloudy	Moderate	C			Middle	1	4.7	25.3	8.1	92.2	6.22	-	36.35	-	2.2	-	3.6	-	<0.02	-	0.36	-	<0.05	-	0.02	-	3.2	-	NOT DETECTED	-								
11/16/2020	Mid-Flood	Cloudy	Moderate	C			Middle	2	4.7	25.3	8.1	91.8	6.21	-	36.40	-	2.2	-	4.5	-	<0.02	-	0.32	-	<0.05	-	0.02	-	3.2	-	NOT DETECTED	-								
11/16/2020	Mid-Flood	Cloudy	Moderate	C			Bottom	1	8.3	25.3	8.1	89.2	6.03	6.04	36.48	-	2.1	-	3.4	-	<0.02	-	0.36	-	<0.05	-	0.02	-	3.2	-	NOT DETECTED	-								
11/16/2020	Mid-Flood	Cloudy	Moderate	C			Bottom	2	8.3	25.3	8.1	90.5	6.05	-	36.47	-	2.2	-	4.1	-	<0.02	-	0.32	-	<0.05	-	0.02	-	3.2	-	NOT DETECTED	-								
11/16/2020	Mid-Flood	Cloudy	Moderate	N2	18:42	5.2	Surface	1	1.0	25.3	8.2	102.1	6.85	6.91	34.46	35.31	1.6	1.6	5.9	4.8	<0.02	<0.02	0.34	0.35	<0.05	<0.05	0.02	0.02	2.9	3.2	NOT DETECTED	ND								
11/16/2020	Mid-Flood	Cloudy	Moderate	N2			Surface	2	1.0	25.4	8.1	103.1	6.96	-	34.41	-	1.6	-	5.0	-	<0.02	-	0.36	-	<0.05	-	0.02	-	3.3	-	NOT DETECTED	-								
11/16/2020	Mid-Flood	Cloudy	Moderate	N2			Bottom	1	4.2	25.2	8.1	102.3	6.86	6.83	36.07	-	1.5	-	3.7	-	<0.02	-	0.34	-	<0.05	-	0.02	-	3.3	-	NOT DETECTED	-								
11/16/2020	Mid-Flood	Cloudy	Moderate	N2			Bottom	2	4.2	25.3	8.2	101.6	6.80	-	36.28	-	1.6	-	4.5	-	<0.02	-	0.34	-	<0.05	-	0.02	-	3.2	-	NOT DETECTED	-								
11/16/2020	Mid-Flood	Cloudy	Moderate	FCZ1A	18:05	3.3	Surface	1	1.0	25.0	8.1	98.2	6.64	6.58	35.36	35.11	1.6	1.6	3.4	3.8	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Flood	Cloudy	Moderate	FCZ1A			Surface	2	1.0	25.3	8.1	96.5	6.51	-	34.42	-	1.5	-	4.3	-	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Flood	Cloudy	Moderate	FCZ1A			Bottom	1	2.3	25.0	8.1	97.1	6.56	6.51	35.26	-	1.6	-	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Flood	Cloudy	Moderate	FCZ1A			Bottom	2	2.3	25.1	8.1	95.7	6.46	-	35.40	-	1.6	-	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-								
11/16/2020	Mid-Flood	Cloudy	Moderate	FCZ1B	18:21	4.7	Surface	1	1.0	24.9	8.1	107.1	7.28	7.32	34.61	34.87	1.8	1.8	4.2	4.3	<0.02	<0.02	0.36	0.34	<0.05	<0.05	0.02	0.02	3.5	3.5	NOT DETECTED	ND								
11/16/2020	Mid-Flood	Cloudy	Moderate	FCZ1B			Surface	2	1.0	25.2	8.2	108.7	7.36	-	34.55	-	1.7	-	3.5	-	<0.02	-	0.33	-	<0.05	-	0.02	-	3.5	-	NOT DETECTED	-								
11/16/2020	Mid-Flood	Cloudy	Moderate	FCZ1B			Bottom	1	3.7	24.8	8.1	106.2	7.21	7.27	34.74	-	1.8	-	4.3	-	<0.02	-	0.34	-	<0.05	-	0.02	-	3.5	-	NOT DETECTED	-								

Marine Water Quality Monitoring Results on 18-Nov-20 at Mid-Ebb tide

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, CfU/100ml	
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
11/18/2020	Mid-Ebb	Cloudy	Moderate	C	14:58	9.2	Surface	1	1.0	25.2	8.0	91.8	6.17	6.14	35.98	36.04	3.2	3.4	6.0	7.0	<0.02	<0.02	0.33	0.34	<0.05	0.05	0.03	0.03	1.3	1.2	NOT DETECTED	<1
11/18/2020	Mid-Ebb	Cloudy	Moderate	C			Surface	2	1.0	25.2	8.0	92.2	6.19	-	35.99	-	3.1	-	5.4	-	<0.02	-	0.36	-	0.06	-	0.03	-	1.3	-	1'	-
11/18/2020	Mid-Ebb	Cloudy	Moderate	C			Middle	1	4.6	25.1	7.9	90.8	6.11	-	35.98	-	3.3	-	7.4	-	<0.02	-	0.34	-	0.05	-	0.03	-	1.1	-	NOT DETECTED	-
11/18/2020	Mid-Ebb	Cloudy	Moderate	C			Middle	2	4.6	25.1	7.9	90.2	6.07	-	35.97	-	3.4	-	7.9	-	<0.02	-	0.36	-	0.05	-	0.03	-	1.3	-	1'	-
11/18/2020	Mid-Ebb	Cloudy	Moderate	C			Bottom	1	8.2	24.5	8.0	88.8	6.03	6.05	36.18	-	3.8	-	7.2	-	<0.02	-	0.31	-	0.05	-	0.03	-	1.1	-	1'	-
11/18/2020	Mid-Ebb	Cloudy	Moderate	C			Bottom	2	8.2	24.5	8.0	89.3	6.06	-	36.15	-	3.7	-	8.0	-	<0.02	-	0.31	-	0.06	-	0.03	-	1.1	-	NOT DETECTED	-
11/18/2020	Mid-Ebb	Cloudy	Moderate	N1	14:42	6.3	Surface	1	1.0	25.3	8.0	94.1	6.31	6.25	35.95	36.03	2.9	2.9	3.5	4.5	0.04	0.03	0.72	0.48	0.11	0.08	0.02	0.02	3.5	2.2	NOT DETECTED	<1
11/18/2020	Mid-Ebb	Cloudy	Moderate	N1			Surface	2	1.0	25.3	8.0	94.3	6.32	-	35.95	-	2.8	-	6.9	-	0.03	-	0.72	-	0.1	-	0.02	-	3.7	-	2'	-
11/18/2020	Mid-Ebb	Cloudy	Moderate	N1			Middle	1	3.2	25.1	8.0	91.7	6.17	-	35.97	-	2.9	-	6.2	-	<0.02	-	0.40	-	0.06	-	0.02	-	1.6	-	NOT DETECTED	-
11/18/2020	Mid-Ebb	Cloudy	Moderate	N1			Middle	2	3.2	25.1	7.9	92.4	6.21	-	35.97	-	3.0	-	3.1	-	<0.02	-	0.32	-	0.06	-	0.02	-	1.5	-	NOT DETECTED	-
11/18/2020	Mid-Ebb	Cloudy	Moderate	N1			Bottom	1	5.3	24.5	8.0	90.0	6.11	6.12	36.18	-	3.0	-	4.0	-	<0.02	-	0.33	-	0.06	-	0.02	-	1.5	-	NOT DETECTED	-
11/18/2020	Mid-Ebb	Cloudy	Moderate	N1			Bottom	2	5.3	24.5	8.0	90.2	6.12	-	36.15	-	3.0	-	3.2	-	<0.02	-	0.37	-	0.06	-	0.02	-	1.5	-	1'	-
11/18/2020	Mid-Ebb	Cloudy	Moderate	FCZ1A	14:00	3.3	Surface	1	1.0	25.6	7.9	95.7	6.39	6.39	35.92	35.91	3.0	3.1	4.8	3.8	-	-	-	-	-	-	-	-	-	-	-	
11/18/2020	Mid-Ebb	Cloudy	Moderate	FCZ1A			Surface	2	1.0	25.6	7.9	95.8	6.39	-	35.91	-	3.0	-	4.6	-	-	-	-	-	-	-	-	-	-	-	-	
11/18/2020	Mid-Ebb	Cloudy	Moderate	FCZ1A			Bottom	1	2.3	25.5	7.9	95.6	6.39	6.40	35.89	-	3.1	-	3.0	-	-	-	-	-	-	-	-	-	-	-	-	
11/18/2020	Mid-Ebb	Cloudy	Moderate	FCZ1A			Bottom	2	2.3	25.4	7.9	95.6	6.40	-	35.91	-	3.1	-	2.8	-	-	-	-	-	-	-	-	-	-	-	-	
11/18/2020	Mid-Ebb	Cloudy	Moderate	FCZ1B	14:26	4.3	Middle	1	1.0	25.6	7.9	95.1	6.36	6.35	35.90	35.88	2.4	2.5	3.3	3.3	<0.02	<0.02	0.44	0.43	0.06	0.06	0.03	0.03	2.0	1.9	4'	4
11/18/2020	Mid-Ebb	Cloudy	Moderate	FCZ1B			Middle	2	1.0	25.5	7.9	95.1	6.34	-	35.87	-	2.3	-	2.4	-	<0.02	-	0.36	-	0.05	-	0.03	-	1.7	-	3'	-
11/18/2020	Mid-Ebb	Cloudy	Moderate	FCZ1B			Middle	1	3.3	25.4	7.9	94.4	6.31	6.31	35.88	-	2.5	-	4.1	-	<0.02	-	0.36	-	0.06	-	0.03	-	1.7	-	3'	-
11/18/2020	Mid-Ebb	Cloudy	Moderate	FCZ1B			Middle	2	3.3	25.4	7.9	94.2	6.31	-	35.88	-	2.6	-	3.2	-	<0.02	-	0.36	-	0.06	-	0.03	-	2.3	-	-	-
11/18/2020	Mid-Ebb	Cloudy	Moderate	H4A	14:13	1.8	Middle	1	0.9	25.6	7.9	95.8	6.39	6.40	35.90	35.90	3.2	3.2	6.0	6.0	0.02	0.02	0.34	0.34	0.08	0.07	0.03	0.03	1.2	1.2	2'	2
11/18/2020	Mid-Ebb	Cloudy	Moderate	H4A			Middle	2	0.9	25.6	7.9	95.9	6.40	-	35.90	-	3.1	-	6.0	-	<0.02	-	0.34	-	<0.05	-	0.03	-	1.2	-	1'	-
11/18/2020	Mid-Ebb	Cloudy	Moderate	H1A	13:49	1.2	Middle	1	0.6	25.3	7.9	96.7	6.48	6.48	35.96	35.97	2.8	2.9	6.6	6.3	0.05	0.04	0.34	0.34	0.1	0.09	0.03	0.03	1.2	1.3	1'	2
11/18/2020	Mid-Ebb	Cloudy	Moderate	H1A			Middle	2	0.6	25.3	7.9	96.6	6.47	-	35.97	-	2.9	-	6.0	-	0.03	-	0.34	-	0.08	-	0.03	-	1.3	-	3'	-
11/18/2020	Mid-Ebb	Cloudy	Moderate	M1A	13:37	1.2	Surface	1	0.6	25.2	7.9	95.1	6.39	6.38	35.98	35.98	2.7	2.8	6.8	7.2	<0.02	<0.02	0.30	0.35	0.06	0.06	0.03	0.03	1.3	1.3	2'	2
11/18/2020	Mid-Ebb	Cloudy	Moderate	M1A			Surface	2	0.6	25.2	7.9	94.8	6.38	-	35.98	-	2.8	-	7.5	-	<0.02	-	0.40	-	0.05	-	0.03	-	1.2	-	1'	-
11/18/2020	Mid-Ebb	Cloudy	Moderate	SGA	13:25	1.2	Middle	1	0.6	25.4	7.9	98.5	6.59	6.60	35.97	35.97	2.5	2.5	6.3	6.1	<0.02	<0.02	0.29	0.31	<0.05	0.05	0.03	0.03	1.3	1.3	2'	2
11/18/2020	Mid-Ebb	Cloudy	Moderate	SGA			Middle	2	0.6	25.4	7.9	98.6	6.60	-	35.97	-	2.5	-	5.8	-	<0.02	-	0.32	-	0.05	-	0.03	-	1.3	-	1'	-

Marine Water Quality Monitoring Results on 18-Nov-20 at Mid-Flood tide

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, CfU/100ml	
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
11/18/2020	Mid-Flood	Cloudy	Moderate	C	8:01	9.3	Bottom	1	1.0	25.1	7.9	90.3	6.07	6.06	35.99	36.03	3.2	3.5	4.5	4.2	-	-	-	-	-	-	-	-	-	-	-	
11/18/2020	Mid-Flood	Cloudy	Moderate	C			Bottom	2	1.0	25.1	7.9	90.8	6.11	-	35.96	-	3.3	-	3.7	-	-	-	-	-	-	-	-	-	-	-	-	
11/18/2020	Mid-Flood	Cloudy	Moderate	C			Surface	1	4.7	24.9	7.9	89.3	6.02	-	35.98	-	3.5	-	4.1	-	-	-	-	-	-	-	-	-	-	-	-	
11/18/2020	Mid-Flood	Cloudy	Moderate	C			Surface	2	4.7	24.9	7.9	89.2	6.02	-	35.99	-	3.4	-	5.1	-	-	-	-	-	-	-	-	-	-	-	-	
11/18/2020	Mid-Flood	Cloudy	Moderate	C			Bottom	1	8.3	24.5	7.9	88.7	6.01	6.02	36.13	-	3.8	-	3.4	-	-	-	-	-	-	-	-	-	-	-	-	
11/18/2020	Mid-Flood	Cloudy	Moderate	C			Bottom	2	8.3	24.6	7.9	88.9	6.03	-	36.13	-	3.5	-	4.2	-	-	-	-	-	-	-	-	-	-	-	-	
11/18/2020	Mid-Flood	Cloudy	Moderate	N2	8:16	5.3	Surface	1	1.0	25.2	7.9	91.6	6.15	6.15	35.96	35.99	3.4	3.5	2.6	2.8	-	-	-	-	-	-	-	-	-	-	-	
11/18/2020	Mid-Flood	Cloudy	Moderate	N2			Surface	2	1.0	25.1	7.9	91.3	6.14	-	35.96	-	3.4	-	2.6	-	-	-	-	-	-	-	-	-	-	-	-	
11/18/2020	Mid-Flood	Cloudy	Moderate	N2			Bottom	1	4.3	24.7	7.9	89.3	6.04	6.05	36.05	-	3.5	-	2.5	-	-	-	-	-	-	-	-	-	-	-	-	
11/18/2020	Mid-Flood	Cloudy	Moderate	N2			Bottom	2	4.3	24.9	7.9	89.8	6.06	-	35.98	-	3.6	-	3.4	-	-	-	-	-	-	-	-	-	-	-	-	
11/18/2020	Mid-Flood	Cloudy	Moderate	FCZ1A	8:41	3.5	Surface	1	1.0	25.4	7.9	96.3	6.45	6.44	35.92	35.95	2.6	2.9	2.5	2.8	-	-	-	-	-	-	-	-	-	-	-	
11/18/2020	Mid-Flood	Cloudy	Moderate	FCZ1A			Surface	2	1.0	25.3	7.9	96.0	6.43	-	35.94	-	2.8	-	3.0	-	-	-	-	-	-	-	-	-	-	-	-	
11/18/2020	Mid-Flood	Cloudy	Moderate	FCZ1A			Bottom	1	2.5	25.1	7.9	93.6	6.30	6.33	35.97	-																

Marine Water Quality Monitoring Results on 20-Nov-20 at Mid-Ebb tide

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, Cfu/100ml				
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value
11/20/2020	Mid-Ebb	Sunny	Moderate	C	2:31	9.8	Surface	1	1.0	25.8	8.0	95.4	6.33	6.13	36.10	36.33	3.5	4.3	2.6	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2020	Mid-Ebb	Sunny	Moderate	C			Surface	2	1.0	25.7	8.0	93.0	6.19	-	36.06	-	3.8	-	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2020	Mid-Ebb	Sunny	Moderate	C			Middle	1	4.9	24.4	8.0	88.0	5.98	-	36.45	-	4.3	-	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2020	Mid-Ebb	Sunny	Moderate	C			Middle	2	4.9	24.4	8.0	88.3	6.00	-	36.45	-	4.1	-	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	1	8.8	24.4	8.0	94.0	6.39	6.33	36.46	-	4.8	-	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/20/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	2	8.8	24.4	8.0	92.3	6.27	-	36.46	-	5.0	-	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/20/2020	Mid-Ebb	Sunny	Moderate	N1	2:49	6.6	Surface	1	1.0	26.0	8.0	106.3	7.04	6.75	36.12	36.33	3.0	3.2	2.3	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2020	Mid-Ebb	Sunny	Moderate	N1			Surface	2	1.0	25.9	8.0	100.1	6.80	-	36.02	-	2.9	-	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/20/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	1	3.3	24.5	8.0	99.4	6.59	-	36.44	-	3.3	-	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	2	3.3	24.5	8.0	96.9	6.58	-	36.43	-	3.1	-	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	1	5.6	24.4	8.0	95.0	6.43	6.39	36.47	-	3.6	-	2.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/20/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	2	5.6	24.4	8.0	93.8	6.35	-	36.47	-	3.5	-	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/20/2020	Mid-Ebb	Sunny	Moderate	FCZ1A	3:10	3.4	Surface	1	1.0	25.9	8.0	110.3	7.32	7.29	36.10	36.21	2.6	2.7	2.6	2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/20/2020	Mid-Ebb	Sunny	Moderate	FCZ1A			Surface	2	1.0	25.6	8.0	109.1	7.26	-	36.22	-	2.7	-	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/20/2020	Mid-Ebb	Sunny	Moderate	FCZ1A			Bottom	1	2.4	25.2	8.0	108.2	7.26	7.25	36.21	-	2.8	-	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/20/2020	Mid-Ebb	Sunny	Moderate	FCZ1A			Bottom	2	2.4	25.0	8.0	107.5	7.23	-	36.30	-	2.8	-	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/20/2020	Mid-Ebb	Sunny	Moderate	H4A	3:31	1.6	Middle	1	0.8	26.0	8.0	114.7	7.60	7.61	36.07	36.06	2.4	2.4	2.7	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2020	Mid-Ebb	Sunny	Moderate	H4A			Middle	2	0.8	26.0	8.0	114.9	7.61	-	36.05	-	2.4	-	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2020	Mid-Ebb	Sunny	Moderate	H1A	3:48	1.2	Middle	1	0.6	26.1	8.0	115.9	7.66	7.67	36.05	36.05	3.1	3.1	3.3	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2020	Mid-Ebb	Sunny	Moderate	H1A			Middle	2	0.6	26.1	8.0	116.0	7.67	-	36.04	-	3.0	-	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2020	Mid-Ebb	Sunny	Moderate	M1A	4:07	1.0	Middle	1	0.5	26.1	8.0	115.5	7.63	7.64	36.06	36.06	2.3	2.4	2.8	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2020	Mid-Ebb	Sunny	Moderate	M1A			Middle	2	0.5	26.2	8.0	115.7	7.64	-	36.05	-	2.4	-	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2020	Mid-Ebb	Sunny	Moderate	SGA	4:18	1.2	Middle	1	0.6	26.2	8.0	115.4	7.62	7.63	36.06	36.06	2.5	2.5	2.8	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2020	Mid-Ebb	Sunny	Moderate	SGA			Middle	2	0.6	26.2	8.0	115.6	7.63	-	36.05	-	2.4	-	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Marine Water Quality Monitoring Results on 20-Nov-20 at Mid-Flood tide

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, Cfu/100ml					
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
11/20/2020	Mid-Flood	Sunny	Moderate	C	15:27	9.5	Surface	1	1.0	26.9	8.0	93.3	6.28	6.24	35.78	36.12	3.3	3.7	2.5	2.3	<0.02	<0.02	0.36	0.33	0.05	0.05	0.01	0.02	1.6	1.7	-	-	-	-	-	-
11/20/2020	Mid-Flood	Sunny	Moderate	C			Surface	2	1.0	26.8	8.0	96.2	6.29	-	35.83	-	3.5	-	2.7	-	<0.02	-	0.33	-	0.05	-	0.01	-	1.5	-	-	-	NOT DETECTED	-	-	-
11/20/2020	Mid-Flood	Sunny	Moderate	C			Middle	1	4.8	25.0	8.0	90.6	6.10	-	36.26	-	3.7	-	2.5	-	<0.02	-	0.29	-	0.05	-	0.02	-	1.6	-	-	-	NOT DETECTED	-	-	-
11/20/2020	Mid-Flood	Sunny	Moderate	C			Middle	2	4.8	25.0	8.0	93.2	6.29	-	36.27	-	4.0	-	1.8	-	<0.02	-	0.33	-	0.05	-	0.01	-	1.6	-	-	-	NOT DETECTED	-	-	-
11/20/2020	Mid-Flood	Sunny	Moderate	C			Bottom	1	8.5	24.9	8.0	89.6	6.02	5.95	36.29	-	3.8	-	1.8	-	<0.02	-	0.33	-	<0.05	-	0.02	-	1.8	-	-	-	NOT DETECTED	-	-	-
11/20/2020	Mid-Flood	Sunny	Moderate	C			Bottom	2	8.5	25.0	8.0	87.4	5.88	-	36.27	-	3.7	-	2.7	-	<0.02	-	0.31	-	<0.05	-	0.02	-	1.9	-	-	-	NOT DETECTED	-	-	-
11/20/2020	Mid-Flood	Sunny	Moderate	N2	15:10	5.6	Surface	1	1.0	26.5	8.0	100.3	6.59	6.74	35.85	36.11	2.8	2.9	2.5	2.3	<0.02	<0.02	0.34	0.35	0.05	0.05	0.01	0.02	1.6	1.7	NOT DETECTED	ND	-	-	-	
11/20/2020	Mid-Flood	Sunny	Moderate	N2			Surface	2	1.0	26.5	8.0	102.2	6.88	-	35.82	-	3.0	-	2.2	-	<0.02	-	0.34	-	0.05	-	0.02	-	1.7	-	-	-	NOT DETECTED	-	-	-
11/20/2020	Mid-Flood	Sunny	Moderate	N2			Bottom	1	4.6	24.9	8.0	98.5	6.63	6.55	36.37	-	3.1	-	2.4	-	<0.02	-	0.34	-	<0.05	-	0.01	-	1.6	-	-	-	NOT DETECTED	-	-	-
11/20/2020	Mid-Flood	Sunny	Moderate	N2			Bottom	2	4.6	24.9	8.0	98.3	6.46	-	36.41	-	2.8	-	1.9	-	<0.02	-	0.36	-	0.05	-	0.02	-	1.7	-	-	-	NOT DETECTED	-	-	-
11/20/2020	Mid-Flood	Sunny	Moderate	FCZ1A	14:15	3.2	Surface	1	1.0	26.2	8.0	108.5	7.17	7.20	35.84	36.05	2.7	2.6	2.3	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2020	Mid-Flood	Sunny	Moderate	FCZ1A			Surface	2	1.0	26.0	8.0	109.2	7.23	-	35.98	-	2.6	-	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2020	Mid-Flood	Sunny	Moderate	FCZ1A			Bottom	1	2.2	25.2	8.1	108.1	7.25	7.24	36.21	-	2.7	-	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/20/2020	Mid-Flood	Sunny	Moderate	FCZ1A			Bottom	2	2.2	25.3	8.1	108.0	7.23	-	36.15	-	2.5	-	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/20/2020	Mid-Flood	Sunny	Moderate	FCZ1B	14:52	4.4	Surface	1	1.0	26.3	8.0	101.7	6.65	6.78	36.01	36.15	3.4	3.4	3.5	2.8	<0.02	<0.02	0.36	0.41	0.06	0.07	0.02	0.02	1.7	1.7	NOT DETECTED	<1	-	-	-	

Marine Water Quality Monitoring Results on **23-Nov-20** at Mid-Ebb tide

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, Cfu/100ml			
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
11/23/2020	Mid-Ebb	Cloudy	Moderate	C	5:41	9.3	Surface	1	1.0	25.1	7.9	90.9	6.11	6.10	36.08	36.26	2.5	2.9	5.2	5.9	-	-	-	-	-	-	-	-	-	-	-	-		
11/23/2020	Mid-Ebb	Cloudy	Moderate	C			Surface	2	1.0	25.1	7.9	91.2	6.13	-	36.07	-	2.8	-	6.2	-	-	-	-	-	-	-	-	-	-	-	-	-		
11/23/2020	Mid-Ebb	Cloudy	Moderate	C			Middle	1	4.7	24.9	7.9	90.8	6.10	-	36.37	-	2.9	-	4.8	-	-	-	-	-	-	-	-	-	-	-	-	-		
11/23/2020	Mid-Ebb	Cloudy	Moderate	C			Middle	2	4.7	24.9	7.9	90.3	6.07	-	36.38	-	2.9	-	5.7	-	-	-	-	-	-	-	-	-	-	-	-	-		
11/23/2020	Mid-Ebb	Cloudy	Moderate	C			Bottom	1	8.3	24.9	7.8	89.0	5.99	5.98	36.38	-	2.9	-	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-		
11/23/2020	Mid-Ebb	Cloudy	Moderate	C			Bottom	2	8.3	25.0	7.9	88.7	5.97	-	36.30	-	2.9	-	7.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/23/2020	Mid-Ebb	Cloudy	Moderate	N1	5:58	6.3	Surface	1	1.0	25.1	8.0	95.2	6.40	6.38	36.10	36.24	2.5	2.5	4.5	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/23/2020	Mid-Ebb	Cloudy	Moderate	N1			Surface	2	1.0	25.1	8.0	95.3	6.40	-	36.11	-	2.4	-	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/23/2020	Mid-Ebb	Cloudy	Moderate	N1			Middle	1	3.2	25.0	8.0	94.1	6.32	-	36.32	-	2.5	-	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/23/2020	Mid-Ebb	Cloudy	Moderate	N1			Middle	2	3.2	25.0	8.0	95.2	6.41	-	36.22	-	2.4	-	2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/23/2020	Mid-Ebb	Cloudy	Moderate	N1			Bottom	1	5.3	25.0	8.0	91.3	6.14	6.10	36.32	-	2.4	-	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/23/2020	Mid-Ebb	Cloudy	Moderate	N1			Bottom	2	5.3	24.9	7.9	90.1	6.06	-	36.35	-	2.5	-	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/23/2020	Mid-Ebb	Cloudy	Moderate	FCZ1A	6:30	3.2	Surface	1	1.0	25.4	8.0	94.9	6.35	6.22	35.92	35.86	2.2	2.3	3.5	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/23/2020	Mid-Ebb	Cloudy	Moderate	FCZ1A			Surface	2	1.0	25.5	8.0	91.0	6.08	-	35.84	-	2.4	-	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/23/2020	Mid-Ebb	Cloudy	Moderate	FCZ1A			Bottom	1	2.2	25.5	8.0	90.8	6.07	6.09	35.82	-	2.4	-	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/23/2020	Mid-Ebb	Cloudy	Moderate	FCZ1A			Bottom	2	2.2	25.4	8.0	91.2	6.10	-	35.87	-	2.2	-	2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/23/2020	Mid-Ebb	Cloudy	Moderate	H4A	6:20	1.6	Middle	1	0.8	25.5	8.0	91.3	6.10	6.09	35.85	35.85	2.5	2.6	2.9	6.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/23/2020	Mid-Ebb	Cloudy	Moderate	H4A			Middle	2	0.8	25.5	8.0	90.9	6.07	-	35.84	-	2.6	-	6.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/23/2020	Mid-Ebb	Cloudy	Moderate	H1A	6:40	1.6	Middle	1	0.8	25.4	8.0	94.6	6.33	6.34	35.88	35.86	2.2	2.2	4.0	4.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/23/2020	Mid-Ebb	Cloudy	Moderate	H1A			Middle	2	0.8	25.5	8.0	94.8	6.34	-	35.84	-	2.2	-	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/23/2020	Mid-Ebb	Cloudy	Moderate	M1A	6:51	1.2	Middle	1	0.6	25.5	8.0	91.1	6.09	6.09	35.83	35.83	2.4	2.4	4.0	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/23/2020	Mid-Ebb	Cloudy	Moderate	M1A			Middle	2	0.6	25.5	8.0	90.9	6.08	-	35.82	-	2.4	-	3.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/23/2020	Mid-Ebb	Cloudy	Moderate	SGA	7:05	1.2	Middle	1	0.6	25.5	8.0	90.9	6.07	6.07	35.84	35.84	2.6	2.7	3.3	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/23/2020	Mid-Ebb	Cloudy	Moderate	SGA			Middle	2	0.6	25.5	8.0	90.8	6.07	-	35.83	-	2.8	-	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Marine Water Quality Monitoring Results on **23-Nov-20** at Mid-Flood tide

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, Cfu/100ml				
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value
11/23/2020	Mid-Flood	Cloudy	Moderate	C	19:31	9.1	Surface	1	1.0	25.1	8.0	90.3	6.06	6.04	36.10	36.25	4.1	4.3	3.4	3.7	0.02	0.03	0.43	0.42	0.10	0.10	0.02	0.02	1.4	1.5	-	-	NOT DETECTED	ND	
11/23/2020	Mid-Flood	Cloudy	Moderate	C			Surface	2	1.0	25.1	8.0	90.3	6.02	-	36.08	-	4.3	-	3.2	-	<0.02	-	0.40	-	0.09	-	0.02	-	1.4	-	-	-	NOT DETECTED	-	
11/23/2020	Mid-Flood	Cloudy	Moderate	C			Middle	1	4.6	24.9	8.0	90.1	6.01	-	36.36	-	4.2	-	3.3	-	0.03	-	0.46	-	0.11	-	0.02	-	1.2	-	-	-	NOT DETECTED	-	
11/23/2020	Mid-Flood	Cloudy	Moderate	C			Middle	2	4.6	24.9	8.0	90.2	6.06	-	36.38	-	4.1	-	3.5	-	0.03	-	0.41	-	0.10	-	0.02	-	1.2	-	-	-	NOT DETECTED	-	
11/23/2020	Mid-Flood	Cloudy	Moderate	C			Bottom	1	8.1	25.0	8.0	88.8	5.98	5.99	36.33	-	4.5	-	4.2	-	<0.02	-	0.39	-	0.09	-	0.02	-	1.8	-	-	-	NOT DETECTED	-	
11/23/2020	Mid-Flood	Cloudy	Moderate	C			Bottom	2	8.1	25.0	8.0	89.2	6.00	-	36.27	-	4.6	-	4.3	-	0.03	-	0.45	-	0.10	-	0.02	-	1.8	-	-	-	NOT DETECTED	-	
11/23/2020	Mid-Flood	Cloudy	Moderate	N2	19:19	5.3	Surface	1	1.0	25.0	8.0	91.9	6.18	6.29	36.18	36.21	2.5	2.5	2.8	2.8	0.02	0.02	0.42	0.37	0.11	0.10	0.02	0.02	2.1	1.6	1'	1'	-	-	
11/23/2020	Mid-Flood	Cloudy	Moderate	N2			Surface	2	1.0	25.0	8.0	95.2	6.40	-	36.14	-	2.5	-	2.4	-	0.03	-	0.34	-	0.09	-	0.02	-	1.6	-	1'	-	-	-	
11/23/2020	Mid-Flood	Cloudy	Moderate	N2			Bottom	1	4.3	25.0	8.0	91.4	6.15	6.15	36.26	-	2.6	-	3.4	-	<0.02	-	0.39	-	0.09	-	0.02	-	1.5	-	1'	-	-	-	
11/23/2020	Mid-Flood	Cloudy	Moderate	N2			Bottom	2	4.3	25.0	8.0	91.3	6.14	-	36.26	-	2.4	-	2.7	-	<0.02	-	0.34	-	0.09	-	0.02	-	1.1	-	1'	-	-	-	
11/23/2020	Mid-Flood	Cloudy	Moderate	FCZ1A	18:48	3.3	Surface	1	1.0	25.6	7.9	90.4	6.04	6.14	35.66	35.65	3.1	3.2	4.0	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/23/2020	Mid-Flood	Cloudy	Moderate	FCZ1A			Surface	2	1.0	25.6	7.9	93.6	6.24	-	35.66	-	3.2	-	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/23/2020	Mid-Flood	Cloudy	Moderate	FCZ1A			Bottom	1	2.3	25.6	7.9	90.0	6.01	6.11	35.64	-	3.2	-	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/23/2020	Mid-Flood	Cloudy	Moderate	FCZ1A			Bottom	2	2.3	25.6	7.9	93.1	6.21	-	35.65	-	3.2	-	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/23/2020	Mid-Flood	Cloudy	Moderate	FCZ1B	19:08	4.8	Surface	1	1.0	25.4	8.0	93.3	6.26	6.29	35.90	35.96	2.6	2.7	3.6	3.2	0.03	0.02	0.44	0.44	0.15	0.16	0.02	0.02	2.1	1.7	7'	6'	-	-	
11/23/2020	Mid-Flood	Cloudy	Moderate	FCZ1B			Surface	2	1.0	25.4	8.0	94.1	6.31	-	35.90	-	2.5	-	2.7	-	0.02	-	0.42	-	0.16	-	0.03	-	1.8	-	5'	-	-	-	
11/23/2020	Mid-Flood	Cloudy	Moderate	FCZ1B			Bottom	1	3.8	25.2	8.0	91.8	6.14	6.21	36.04	-	2.9	-	3.7	-	0.02	-	0.44	-	0.17	-	0.02	-	1.4	-	8'	-	-	-	
11/23/2020	Mid-Flood	Cloudy	Moderate	FCZ1B			Bottom	2	3.8	25.2	8.0	93.8	6.28	-	36.01	-	2.8	-	2.8	-	0.02	-	0.46	-	0.15	-	0.02	-	1.6	-	5'	-	-	-	
11/23/2020	Mid-Flood	Cloudy	Moderate	H4A	19:00	1.6	Middle	1	0.8	25.6	7.9	94.2	6.28	6.26	35.65	35.65	3.6	3.6	4.4	4.4	0.02	0.03	0.36	0.39	0.15	0.16	0.03	0.03	1.5	1.5	4'	4'	-	-	
11/23/2020	Mid-Flood	Cloudy	Moderate	H4A			Middle	2	0.8	25.7	7.9	93.4	6.24	-	35.65	-	3.6	-	4.3	-	0.03	-	0.41	-	0.16	-	0.03	-	1.5	-	4'	-	-	-	
11/23/2020	Mid-Flood	Cloudy	Moderate	H1A	18:29	1.6	Middle	1	0.8	25.7	7.9	91.2	6.08	6.10	35.65	35.66	3.5	3.7	6.1	5.7	0.02	0.02	0.42	0.41	0.17	0.17	0.03	0.03	1.3	1.3	3'	3'	-	-	
11/23/2020	Mid-Flood	Cloudy	Moderate	H1A			Middle	2	0.8	25.7	7.9	91.5	6.11	-	35																				

Marine Water Quality Monitoring Results on **25-Nov-20** at Mid-Ebb tide

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, Cfu/100ml				
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value
11/25/2020	Mid-Ebb	Sunny	Moderate	C	7:46	9.3	Surface	1	1.0	25.3	8.0	96.1	6.44	6.45	36.07	36.27	3.5	3.3	3.1	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-		
11/25/2020	Mid-Ebb	Sunny	Moderate	C			Surface	2	1.0	25.1	8.0	97.4	6.55	-	36.19	-	3.5	-	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11/25/2020	Mid-Ebb	Sunny	Moderate	C			Middle	1	4.7	24.9	8.0	95.1	6.41	-	36.35	-	3.2	-	5.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11/25/2020	Mid-Ebb	Sunny	Moderate	C			Middle	2	4.7	24.9	8.0	95.0	6.40	-	36.35	-	3.3	-	4.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
11/25/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	1	8.3	24.9	8.0	94.6	6.35	6.32	36.29	-	3.3	-	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/25/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	2	8.3	24.8	8.0	93.4	6.29	-	36.37	-	3.2	-	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/25/2020	Mid-Ebb	Sunny	Moderate	N1	8:04	6.2	Surface	1	1.0	25.3	8.0	98.9	6.65	6.63	36.09	36.18	2.7	3.1	3.7	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/25/2020	Mid-Ebb	Sunny	Moderate	N1			Surface	2	1.0	25.4	8.0	99.0	6.67	-	36.02	-	2.6	-	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/25/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	1	3.1	25.0	8.0	98.9	6.62	-	36.20	-	3.2	-	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/25/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	2	3.1	25.0	8.0	98.1	6.57	-	36.20	-	3.3	-	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/25/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	1	5.2	25.0	8.0	96.0	6.46	6.45	36.27	-	3.3	-	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/25/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	2	5.2	24.9	8.0	95.6	6.43	-	36.30	-	3.2	-	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/25/2020	Mid-Ebb	Sunny	Moderate	FCZ1A	8:33	3.3	Surface	1	1.0	25.5	8.0	97.0	6.49	6.61	35.77	35.76	2.2	2.2	2.4	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/25/2020	Mid-Ebb	Sunny	Moderate	FCZ1A			Surface	2	1.0	25.6	8.0	100.5	6.73	-	36.75	-	2.2	-	2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/25/2020	Mid-Ebb	Sunny	Moderate	FCZ1A			Bottom	1	2.3	25.4	7.9	96.5	6.45	6.46	35.79	-	2.3	-	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/25/2020	Mid-Ebb	Sunny	Moderate	FCZ1A			Bottom	2	2.3	25.5	8.0	96.6	6.46	-	35.73	-	2.2	-	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/25/2020	Mid-Ebb	Sunny	Moderate	H4A	8:20	1.8	Middle	1	0.9	25.5	8.0	104.7	7.00	6.96	35.72	35.72	1.8	1.8	2.2	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/25/2020	Mid-Ebb	Sunny	Moderate	H4A			Middle	2	0.9	25.5	8.0	103.4	6.91	-	35.72	-	1.7	-	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/25/2020	Mid-Ebb	Sunny	Moderate	H1A	8:44	1.6	Middle	1	0.8	25.7	8.0	101.0	6.73	6.72	35.75	35.74	1.9	1.9	2.6	2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/25/2020	Mid-Ebb	Sunny	Moderate	H1A			Middle	2	0.8	25.6	8.0	100.5	6.70	-	35.72	-	1.9	-	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/25/2020	Mid-Ebb	Sunny	Moderate	M1A	8:54	1.2	Middle	1	0.6	26.0	8.0	102.4	6.79	6.80	35.78	35.79	1.7	1.8	1.5	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/25/2020	Mid-Ebb	Sunny	Moderate	M1A			Middle	2	0.6	25.7	8.0	102.1	6.80	-	35.80	-	1.8	-	1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/25/2020	Mid-Ebb	Sunny	Moderate	SGA	9:06	1.2	Middle	1	0.6	25.9	8.0	102.9	6.83	6.85	35.74	35.74	1.8	1.9	2.4	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/25/2020	Mid-Ebb	Sunny	Moderate	SGA			Middle	2	0.6	25.8	8.0	103.0	6.86	-	35.73	-	1.9	-	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Marine Water Quality Monitoring Results on **25-Nov-20** at Mid-Flood tide

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, Cfu/100ml				
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value
11/25/2020	Mid-Flood	Sunny	Moderate	C	15:56	9.2	Surface	1	1.0	25.1	8.0	94.3	6.31	6.24	36.12	36.23	3.6	4.3	3.2	4.2	0.02	0.02	0.33	0.35	0.08	0.08	0.02	0.03	1.5	1.6	1*	<1			
11/25/2020	Mid-Flood	Sunny	Moderate	C			Surface	2	1.0	25.2	8.0	93.1	6.24	-	36.09	-	3.6	-	3.9	-	0.02	-	0.39	-	0.08	-	0.02	-	1.7	-	-	NOT DETECTED	-		
11/25/2020	Mid-Flood	Sunny	Moderate	C			Middle	1	4.6	24.8	8.0	94.0	6.29	-	36.36	-	4.5	-	4.4	-	0.02	-	0.34	-	0.09	-	0.02	-	1.4	-	-	NOT DETECTED	-		
11/25/2020	Mid-Flood	Sunny	Moderate	C			Middle	2	4.6	24.9	8.0	91.0	6.11	-	36.33	-	4.6	-	4.0	-	0.03	-	0.34	-	0.08	-	0.03	-	1.6	-	-	NOT DETECTED	-		
11/25/2020	Mid-Flood	Sunny	Moderate	C			Bottom	1	8.2	25.1	8.0	90.2	6.06	6.06	36.14	-	4.7	-	4.8	-	0.02	-	0.34	-	0.08	-	0.03	-	1.6	-	-	NOT DETECTED	-		
11/25/2020	Mid-Flood	Sunny	Moderate	C			Bottom	2	8.2	24.9	8.0	90.2	6.05	-	36.31	-	4.5	-	5.0	-	0.03	-	0.35	-	0.09	-	0.03	-	1.5	-	-	NOT DETECTED	-		
11/25/2020	Mid-Flood	Sunny	Moderate	N2	15:45	5.2	Surface	1	1.0	25.2	8.0	99.7	6.71	6.67	36.04	36.16	2.4	2.7	2.8	2.3	0.02	0.02	0.36	0.35	0.09	0.09	0.02	0.02	1.6	1.7	1*	NOT DETECTED	<1		
11/25/2020	Mid-Flood	Sunny	Moderate	N2			Surface	2	1.0	25.2	8.0	98.4	6.62	-	36.04	-	2.6	-	2.0	-	0.02	-	0.34	-	0.08	-	0.02	-	1.6	-	-	NOT DETECTED	-		
11/25/2020	Mid-Flood	Sunny	Moderate	N2			Bottom	1	4.2	25.0	8.0	98.0	6.58	6.56	36.25	-	2.9	-	2.3	-	0.02	-	0.34	-	0.08	-	0.02	-	1.8	-	-	NOT DETECTED	-		
11/25/2020	Mid-Flood	Sunny	Moderate	N2			Bottom	2	4.2	24.9	8.0	97.3	6.53	-	36.30	-	2.7	-	2.0	-	0.02	-	0.36	-	0.09	-	0.02	-	1.8	-	1*	NOT DETECTED	-		
11/25/2020	Mid-Flood	Sunny	Moderate	FCZ1A	15:05	3.3	Surface	1	1.0	26.0	7.9	99.7	6.71	6.56	35.43	35.58	3.4	3.4	2.7	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/25/2020	Mid-Flood	Sunny	Moderate	FCZ1A			Surface	2	1.0	25.9	7.9	95.1	6.41	-	35.47	-	3.5	-	2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/25/2020	Mid-Flood	Sunny	Moderate	FCZ1A			Bottom	1	2.3	25.7	7.9	97.3	6.54	6.49	35.73	-	3.4	-	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/25/2020	Mid-Flood	Sunny	Moderate	FCZ1A			Bottom	2	2.3	25.8	7.9	96.0	6.44	-	35.70	-	3.2	-	2.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/25/2020	Mid-Flood	Sunny	Moderate	FCZ1B	15:29	4.5	Surface	1	1.0	25.7	8.0	96.9	6.46	6.44	35.75	35.89	2.2	2.5	1.4	1.5	0.02	0.03	0.35	0.36	0.08	0.08	0.03	0.03	2.0	1.9	1*	NOT DETECTED	<1		
11/25/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Surface	2	1.0	25.6	8.0	96.2	6.42	-	35.74	-	2.4	-	1.6	-	0.03	-	0.36												

Marine Water Quality Monitoring Results on **27-Nov-20** at **Mid-Ebb tide**

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, CtU/100ml		
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value
11/27/2020	Mid-Ebb	Sunny	Moderate	C	9:17	9.1	Surface	1	1.0	25.2	8.0	93.7	6.32	6.39	36.07	36.23	4.2	4.3	4.2	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-
11/27/2020	Mid-Ebb	Sunny	Moderate	C			Surface	2	1.0	25.2	8.1	99.0	6.64	-	36.05	-	4.2	-	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/27/2020	Mid-Ebb	Sunny	Moderate	C			Middle	1	4.6	24.8	8.0	95.3	6.43	-	36.31	-	4.2	-	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/27/2020	Mid-Ebb	Sunny	Moderate	C			Middle	2	4.6	24.8	8.0	91.8	6.16	-	36.31	-	4.2	-	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/27/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	1	8.1	24.8	7.9	86.0	5.80	5.97	36.32	-	4.4	-	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/27/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	2	8.1	24.9	8.0	91.0	6.13	-	36.31	-	4.3	-	3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/27/2020	Mid-Ebb	Sunny	Moderate	N1	9:38	6.3	Surface	1	1.0	25.2	8.1	98.2	6.59	6.53	36.04	36.22	3.8	3.7	3.4	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-
11/27/2020	Mid-Ebb	Sunny	Moderate	N1			Surface	2	1.0	25.3	8.1	98.9	6.65	-	36.04	-	3.9	-	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/27/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	1	3.2	24.9	8.0	95.1	6.41	-	36.29	-	3.6	-	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/27/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	2	3.2	24.8	8.0	95.9	6.47	-	36.30	-	3.6	-	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/27/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	1	5.3	24.8	8.0	93.4	6.30	6.14	36.31	-	3.6	-	3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/27/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	2	5.3	24.8	8.0	88.5	5.97	-	36.31	-	3.8	-	3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/27/2020	Mid-Ebb	Sunny	Moderate	FCZ1A	10:12	3.2	Surface	1	1.0	25.6	8.1	121.3	8.09	8.12	36.79	35.81	3.4	3.4	3.4	3.5	-	-	-	-	-	-	-	-	-	-	-	-	-
11/27/2020	Mid-Ebb	Sunny	Moderate	FCZ1A			Surface	2	1.0	25.6	8.1	122.1	8.14	-	36.80	-	3.4	-	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/27/2020	Mid-Ebb	Sunny	Moderate	FCZ1A			Bottom	1	2.2	25.6	8.1	123.9	8.26	8.21	36.82	-	3.4	-	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/27/2020	Mid-Ebb	Sunny	Moderate	FCZ1A			Bottom	2	2.2	25.6	8.1	122.3	8.16	-	36.82	-	3.4	-	3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/27/2020	Mid-Ebb	Sunny	Moderate	H4A	9:58	1.6	Middle	1	0.8	25.6	8.1	116.1	7.75	7.87	35.79	35.79	3.2	3.2	2.9	3.3	-	-	-	-	-	-	-	-	-	-	-	-	
11/27/2020	Mid-Ebb	Sunny	Moderate	H4A			Middle	2	0.8	25.6	8.1	119.8	7.99	-	35.78	-	3.2	-	3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/27/2020	Mid-Ebb	Sunny	Moderate	H1A	10:21	1.4	Middle	1	0.7	25.6	8.1	126.4	8.43	8.40	35.76	35.76	3.3	3.3	3.5	3.7	-	-	-	-	-	-	-	-	-	-	-	-	
11/27/2020	Mid-Ebb	Sunny	Moderate	H1A			Middle	2	0.7	25.6	8.1	125.3	8.36	-	35.76	-	3.3	-	3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/27/2020	Mid-Ebb	Sunny	Moderate	M1A	10:30	1.2	Middle	1	0.6	25.6	8.1	127.9	8.53	8.53	35.75	35.76	3.2	3.2	3.8	4.2	-	-	-	-	-	-	-	-	-	-	-	-	
11/27/2020	Mid-Ebb	Sunny	Moderate	M1A			Middle	2	0.6	25.6	8.1	127.7	8.52	-	35.76	-	3.2	-	4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	
11/27/2020	Mid-Ebb	Sunny	Moderate	SGA	10:40	1.0	Middle	1	0.5	25.6	8.1	128.9	8.60	8.60	35.75	35.75	3.3	3.3	3.3	3.3	-	-	-	-	-	-	-	-	-	-	-	-	
11/27/2020	Mid-Ebb	Sunny	Moderate	SGA			Middle	2	0.5	25.6	8.1	128.7	8.59	-	35.75	-	3.2	-	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	

Marine Water Quality Monitoring Results on **27-Nov-20** at **Mid-Flood tide**

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, CtU/100ml	
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
11/27/2020	Mid-Flood	Sunny	Moderate	C	16:50	9.2	Surface	1	1.0	25.2	8.1	98.3	6.59	6.58	36.02	36.21	4.4	4.5	5.7	7.3	<0.02	<0.02	0.39	0.38	<0.05	<0.05	0.02	0.02	2.3	2.3	20	21
11/27/2020	Mid-Flood	Sunny	Moderate	C			Surface	2	1.0	25.3	8.1	101.4	6.80	-	36.01	-	4.3	-	6.1	-	<0.02	-	0.36	-	<0.05	-	0.02	-	2.3	-	19	-
11/27/2020	Mid-Flood	Sunny	Moderate	C			Middle	1	4.6	24.8	8.1	96.4	6.50	-	36.30	-	4.5	-	8.8	-	<0.02	-	0.39	-	<0.05	-	0.02	-	2.2	-	24	-
11/27/2020	Mid-Flood	Sunny	Moderate	C			Middle	2	4.6	24.8	8.1	95.1	6.41	-	36.30	-	4.5	-	9.5	-	<0.02	-	0.36	-	<0.05	-	0.02	-	2.3	-	16	-
11/27/2020	Mid-Flood	Sunny	Moderate	C			Bottom	1	8.2	24.8	8.1	90.8	6.12	6.13	36.30	-	4.5	-	6.5	-	<0.02	-	0.37	-	<0.05	-	0.02	-	2.4	-	27	-
11/27/2020	Mid-Flood	Sunny	Moderate	C			Bottom	2	8.2	24.9	8.1	91.1	6.14	-	36.30	-	4.6	-	7.4	-	<0.02	-	0.40	-	<0.05	-	0.02	-	2.2	-	22	-
11/27/2020	Mid-Flood	Sunny	Moderate	N2	16:33	5.5	Surface	1	1.0	25.3	8.1	108.7	7.28	7.13	36.02	36.17	3.3	3.6	4.9	4.8	<0.02	<0.02	0.35	0.36	<0.05	<0.05	0.02	0.02	2.3	2.4	18	20
11/27/2020	Mid-Flood	Sunny	Moderate	N2			Surface	2	1.0	25.2	8.1	103.6	6.98	-	36.08	-	3.5	-	4.9	-	<0.02	-	0.35	-	<0.05	-	0.02	-	2.2	-	20	-
11/27/2020	Mid-Flood	Sunny	Moderate	N2			Bottom	1	4.5	24.9	8.1	101.8	6.84	6.67	36.29	-	3.8	-	4.3	-	<0.02	-	0.38	-	<0.05	-	0.02	-	2.5	-	19	-
11/27/2020	Mid-Flood	Sunny	Moderate	N2			Bottom	2	4.5	24.8	8.0	96.3	6.49	-	36.30	-	3.6	-	5.2	-	<0.02	-	0.37	-	<0.05	-	0.02	-	2.5	-	22	-
11/27/2020	Mid-Flood	Sunny	Moderate	FCZ1A	15:50	3.3	Surface	1	1.0	25.9	8.1	126.4	8.39	8.40	35.75	35.75	4.2	4.3	3.6	3.7	-	-	-	-	-	-	-	-	-	-	-	-
11/27/2020	Mid-Flood	Sunny	Moderate	FCZ1A			Surface	2	1.0	25.9	8.1	126.7	8.41	-	35.75	-	4.3	-	3.3	-	-	-	-	-	-	-	-	-	-	-	-	-
11/27/2020	Mid-Flood	Sunny	Moderate	FCZ1A			Bottom	1	2.3	25.9	8.1	126.2	8.38	8.39	35.75	-	4.2	-	3.9	-	-	-	-	-	-	-	-	-	-	-	-	-
11/27/2020	Mid-Flood	Sunny	Moderate	FCZ1A			Bottom	2	2.3	25.9	8.1	126.5	8.40	-	35.75	-	4.3	-	4.0	-	-	-	-	-	-	-	-	-	-	-	-	-
11/27/2020	Mid-Flood	Sunny	Moderate	FCZ1B	16:15	4.6	Surface	1	1.0	25.6	8.1	101.6	6.78	6.78	35.84	35.94	4.2	4.4	6.1	6.8	<0.02	<0.02	0.42	0.41	0.06	0.06	0.02	0.02	2.4	2.5	1	<1
11/27/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Surface	2	1.0	25.6	8.1	101.4	6.77	-	35.79	-	4.5	-	6.5	-	<0.02	-	0.41	-	0.06	-	0.02	-	2.5	-	NOT DETECTED	-
11/27/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Bottom	1	3.6	25.5	8.0	99.9	6.66	6.70	36.09	-	4.4	-	7.6	-	<0.02	-	0.41	-	0.06	-	0.02	-	2.5	-	1	-
1																																

Marine Water Quality Monitoring Results on 30-Nov-20 at Mid-Ebb tide

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, Cfu/100ml							
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
													11/30/2020	Mid-Ebb	Sunny	Moderate	C	11:02	9.2	Surface	1	1.0	23.7	8.0	100.5	6.91	6.92	36.20	36.20	4.2	4.2	4.7	4.6	-	-	-	-	-

Marine Water Quality Monitoring Results on 30-Nov-20 at Mid-Flood tide

Date	Tidal	Weather Condition	Sea Condition	Monitoring Station	Time	Water Depth, m	Water Level	Replicate	Sampling Depth	Temperature, °C	pH	DO Saturation, %	DO, mg/L		Salinity, ppt		Turbidity, NTU		Suspended Solid, mg/L		Ammonia Nitrogen, mg/L		Total Nitrogen, mg/L		Total Inorganic Nitrogen, mg/L		Total Phosphorus, mg/L		Biochemical Oxygen Demand, mg/L		E. Coli, Cfu/100ml							
													Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA	Value	DA
													11/30/2020	Mid-Flood	Sunny	Moderate	C	18:10	9.3	Surface	1	1.0	23.7	8.1	100.4	6.91	6.86	36.19	36.19	5.1	5.2	5.1	5.8	<0.02	0.02	0.34	0.37	0.05

DA - Depth-averaged
 DO - Dissolved Oxygen
 * denoted the estimated count
 Action Level - Value presented in bold
 Limit Level - Value presented in bold and underlined