

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

2-Oct-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
													10/2/2020	Mid-Ebb	Fine	Moderate	C	11:45	9.5	Surface	1	1.0	27.8	8.1	83.7	5.94	5.9	33.10	33.09	2.9	3.1	5.1	3.9	0.08	0.07	0.40	0.41	0.11	0.11	0.02
10/2/2020	Mid-Ebb	Fine	Moderate	C			Surface	2	1.0	27.8	8.1	82.5	5.85	-	33.09	-	2.8	-	4.8	-	0.07	-	0.40	-	0.11	-	0.02	-	<1.0	-	5'	-								
10/2/2020	Mid-Ebb	Fine	Moderate	C			Middle	1	4.8	27.7	8.1	83.0	5.90	-	33.10	-	3.0	-	3.4	-	0.07	-	0.42	-	0.1	-	0.02	-	<1.0	-	4'	-								
10/2/2020	Mid-Ebb	Fine	Moderate	C			Middle	2	4.8	27.8	8.1	82.3	5.84	-	33.09	-	3.2	-	3.9	-	0.07	-	0.40	-	0.1	-	0.02	-	<1.0	-	4'	-								
10/2/2020	Mid-Ebb	Fine	Moderate	C			Bottom	1	8.5	27.7	8.1	82.3	5.83	5.8	33.08	-	3.3	-	3.3	-	0.07	-	0.40	-	0.11	-	0.02	-	<1.0	-	6'	-								
10/2/2020	Mid-Ebb	Fine	Moderate	C			Bottom	2	8.5	27.7	8.1	82.1	5.83	-	33.10	-	3.5	-	3.1	-	0.07	-	0.42	-	0.11	-	0.02	-	<1.0	-	7'	-								
10/2/2020	Mid-Ebb	Fine	Moderate	N1	11:56	6.2	Surface	1	1.0	27.8	8.1	91.5	6.50	6.3	34.05	34.07	2.5	2.6	3.7	4.4	0.07	0.07	0.42	0.40	0.11	0.11	0.02	0.02	<1.0	1.0	14	10								
10/2/2020	Mid-Ebb	Fine	Moderate	N1			Surface	2	1.0	27.8	8.2	88.6	6.30	-	34.06	-	2.5	-	3.9	-	0.07	-	0.42	-	0.12	-	0.02	-	1.1	-	9	-								
10/2/2020	Mid-Ebb	Fine	Moderate	N1			Middle	1	3.1	27.7	8.1	84.9	6.03	-	34.07	-	2.7	-	4.3	-	0.07	-	0.39	-	0.11	-	0.01	-	1.0	-	7'	-								
10/2/2020	Mid-Ebb	Fine	Moderate	N1			Middle	2	3.1	27.7	8.1	86.6	6.15	-	34.09	-	2.4	-	4.5	-	0.07	-	0.40	-	0.11	-	0.01	-	1.0	-	2'	-								
10/2/2020	Mid-Ebb	Fine	Moderate	N1			Bottom	1	5.2	27.7	8.2	85.9	6.11	6.1	34.09	-	2.8	-	5.1	-	0.07	-	0.38	-	0.1	-	0.02	-	<1.0	-	6'	-								
10/2/2020	Mid-Ebb	Fine	Moderate	N1			Bottom	2	5.2	27.7	8.1	86.3	6.13	-	34.08	-	2.7	-	4.8	-	0.07	-	0.39	-	0.1	-	0.02	-	<1.0	-	8	-								
10/2/2020	Mid-Ebb	Fine	Moderate	FC21B	12:12	4.6	Surface	1	1.0	27.7	8.2	91.2	6.57	6.5	33.87	33.88	2.2	2.3	2.9	3.0	0.08	0.07	0.41	0.39	0.11	0.11	0.02	0.02	<1.0	1.0	7'	15								
10/2/2020	Mid-Ebb	Fine	Moderate	FC21B			Surface	2	1.0	27.7	8.2	89.5	6.44	-	33.86	-	2.2	-	2.7	-	0.07	-	0.38	-	0.11	-	0.02	-	1.1	-	5'	-								
10/2/2020	Mid-Ebb	Fine	Moderate	FC21B			Bottom	1	3.6	27.7	8.2	89.5	6.37	6.3	33.89	-	2.4	-	3.1	-	0.06	-	0.39	-	0.1	-	0.02	-	<1.0	-	17	-								
10/2/2020	Mid-Ebb	Fine	Moderate	FC21B			Bottom	2	3.6	27.7	8.2	87.6	6.31	-	33.89	-	2.2	-	3.3	-	0.07	-	0.39	-	0.11	-	0.01	-	1.0	-	13	-								
10/2/2020	Mid-Ebb	Fine	Moderate	H4A	12:26	1.8	Middle	1	0.9	27.7	8.1	91.0	6.55	6.6	33.88	33.86	2.5	2.6	4.2	4.1	0.06	0.07	0.40	0.41	0.11	0.12	0.02	0.02	<1.0	<1.0	3'	ND								
10/2/2020	Mid-Ebb	Fine	Moderate	H4A			Middle	2	0.9	27.7	8.2	93.5	6.71	-	33.82	-	2.7	-	3.9	-	0.07	-	0.41	-	0.12	-	0.02	-	<1.0	-	NOT DETECTED	-								
10/2/2020	Mid-Ebb	Fine	Moderate	H1A	12:37	1.0	Middle	1	0.5	28.1	8.2	89.3	6.42	6.4	33.88	33.86	2.8	2.6	3.4	3.2	0.06	0.07	0.41	0.42	0.12	0.12	0.02	0.02	<1.0	1.1	2'	ND								
10/2/2020	Mid-Ebb	Fine	Moderate	H1A			Middle	2	0.5	28.1	8.2	88.7	6.39	-	33.83	-	2.4	-	3.0	-	0.07	-	0.42	-	0.12	-	0.02	-	1.1	-	5'	-								
10/2/2020	Mid-Ebb	Fine	Moderate	M1A	12:49	0.8	Middle	1	0.4	28.2	8.2	90.4	6.50	6.6	33.90	33.90	2.2	2.2	4.0	4.0	0.08	0.08	0.43	0.43	0.13	0.13	0.02	0.02	<1.0	<1.0	NOT DETECTED	ND								
10/2/2020	Mid-Ebb	Fine	Moderate	M1A			Middle	2	0.4	28.2	8.2	91.9	6.60	-	33.90	-	2.2	-	3.9	-	0.08	-	0.42	-	0.13	-	0.02	-	<1.0	-	NOT DETECTED	ND								
10/2/2020	Mid-Ebb	Fine	Moderate	SGA	12:59	0.8	Middle	1	0.4	28.2	8.2	90.9	6.53	6.5	32.99	32.98	2.3	2.4	4.1	4.1	0.07	0.08	0.36	0.38	0.12	0.13	0.02	0.02	<1.0	<1.0	3'	ND								
10/2/2020	Mid-Ebb	Fine	Moderate	SGA			Middle	2	0.4	28.1	8.2	90.0	6.48	-	32.96	-	2.4	-	4.0	-	0.09	-	0.40	-	0.14	-	0.02	-	<1.0	-	NOT DETECTED	-								

DA - Depth-averaged

DO - Dissolved Oxygen

* denoted the estimated count

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

5-Oct-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
													10/5/2020	Mid-Ebb	Fine	Moderate	C	13:05	9.1	Surface	1	1.0	27.4	7.9	92.2	6.21	6.1	32.16	33.38	2.6	2.6	3.2	4.1	0.12	0.10	0.59	0.59	0.24	0.21	0.02
10/5/2020	Mid-Ebb	Fine	Moderate	C			Surface	2	1.0	27.5	7.9	92.3	6.21	-	33.12	-	2.6	-	2.9	-	0.12	-	0.60	-	0.23	-	0.02	-	1.8	-	2900	-								
10/5/2020	Mid-Ebb	Fine	Moderate	C			Middle	1	4.6	27.4	7.9	87.8	5.85	-	33.74	-	2.6	-	4.4	-	0.08	-	0.60	-	0.19	-	0.02	-	1.5	-	2500	-								
10/5/2020	Mid-Ebb	Fine	Moderate	C			Middle	2	4.6	27.4	7.9	89.0	5.93	-	33.74	-	2.6	-	4.2	-	0.08	-	0.60	-	0.21	-	0.02	-	1.9	-	3200	-								
10/5/2020	Mid-Ebb	Fine	Moderate	C			Bottom	1	8.1	27.3	7.9	83.4	5.56	5.5	33.77	-	2.6	-	5.2	-	0.09	-	0.59	-	0.2	-	0.02	-	1.8	-	1700	-								
10/5/2020	Mid-Ebb	Fine	Moderate	C			Bottom	2	8.1	27.4	7.9	79.6	5.38	-	33.75	-	2.7	-	4.9	-	0.08	-	0.56	-	0.18	-	0.02	-	1.7	-	1800	-								
10/5/2020	Mid-Ebb	Fine	Moderate	N1	13:22	6.2	Surface	1	1.0	27.4	7.9	95.7	6.38	6.1	33.28	33.58	2.7	2.8	5.1	4.3	0.11	0.11	0.50	0.58	0.22	0.22	0.02	0.02	1.9	1.8	2200	2683								
10/5/2020	Mid-Ebb	Fine	Moderate	N1			Surface	2	1.0	27.5	7.9	96.0	6.43	-	33.10	-	2.8	-	5.4	-	0.12	-	0.58	-	0.24	-	0.03	-	1.9	-	2700	-								
10/5/2020	Mid-Ebb	Fine	Moderate	N1			Middle	1	3.1	27.4	7.9	87.7	5.80	-	33.77	-	2.8	-	4.8	-	0.1	-	0.58	-	0.21	-	0.02	-	2.0	-	2400	-								
10/5/2020	Mid-Ebb	Fine	Moderate	N1			Middle	2	3.1	27.3	7.9	87.8	5.85	-	33.77	-	2.8	-	4.4	-	0.11	-	0.62	-	0.23	-	0.03	-	1.6	-	2000	-								
10/5/2020	Mid-Ebb	Fine	Moderate	N1			Bottom	1	5.2	27.3	7.9	82.3	5.50	5.5	33.79	-	2.8	-	3.0	-	0.1	-	0.60	-	0.21	-	0.02	-	1.7	-	3000	-								
10/5/2020	Mid-Ebb	Fine	Moderate	N1			Bottom	2	5.2	27.6	7.9	82.1	5.47	-	33.79	-	2.8	-	3.3	-	0.1	-	0.59	-	0.21	-	0.02	-	1.8	-	3800	-								
10/5/2020	Mid-Ebb	Fine	Moderate	FC21B	13:45	4.6	Surface	1	1.0	27.6	7.9	94.5	6.30	6.3	32.43	32.98	2.5	2.6	4.2	3.6	<0.02	<0.02	0.34	0.35	<0.05	<0.05	0.01	0.01	1.7	1.7	61	55								
10/5/2020	Mid-Ebb	Fine	Moderate	FC21B			Surface	2	1.0	27.6	7.9	95.6	6.37	-	32.54	-	2.6	-	3.8	-	<0.02	-	0.36	-	<0.05	-	0.01	-	1.7	-	50	-								
10/5/2020	Mid-Ebb	Fine	Moderate	FC21B			Bottom	1	3.6	27.5	7.9																													

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

7-Oct-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
10/7/2020	Mid-Flood	Fine	Moderate	C	8:30	9.4	Surface	1	1.0	26.4	8.0	93.9	6.23	6.01	31.57	32.83	2.5	2.6	2.8	2.2	<0.02	<0.02	0.29	0.29	<0.05	<0.05	0.02	0.02	1.5	1.5	1*	1
10/7/2020	Mid-Flood	Fine	Moderate	C			Surface	2	1.0	26.3	8.0	93.2	6.19	-	31.62	-	2.6	-	3.0	-	<0.02	-	0.29	-	<0.05	-	0.02	-	1.5	-	3*	-
10/7/2020	Mid-Flood	Fine	Moderate	C			Middle	1	4.7	26.9	7.9	86.3	5.78	-	33.28	-	2.5	-	2.3	-	<0.02	-	0.29	-	<0.05	-	0.01	-	1.3	-	1*	-
10/7/2020	Mid-Flood	Fine	Moderate	C			Middle	2	4.7	26.9	7.9	86.8	5.83	-	33.18	-	2.5	-	2.1	-	<0.02	-	0.27	-	<0.05	-	0.02	-	1.5	-	NOT DETECTED	-
10/7/2020	Mid-Flood	Fine	Moderate	C			Bottom	1	8.4	26.9	7.9	85.2	5.67	5.72	33.60	-	2.6	-	1.4	-	<0.02	-	0.30	-	<0.05	-	0.01	-	1.5	-	1*	-
10/7/2020	Mid-Flood	Fine	Moderate	C			Bottom	2	8.4	26.6	8.0	85.3	5.77	-	33.75	-	2.6	-	1.3	-	<0.02	-	0.31	-	<0.05	-	0.02	-	1.8	-	2*	-
10/7/2020	Mid-Flood	Fine	Moderate	N2	8:52	5.5	Surface	1	1.0	26.3	8.0	95.3	6.32	6.36	31.19	32.09	2.2	2.3	2.9	2.5	<0.02	<0.02	0.29	0.29	<0.05	<0.05	0.01	0.01	1.7	1.5	2*	2
10/7/2020	Mid-Flood	Fine	Moderate	N2			Surface	2	1.0	26.3	8.0	96.4	6.39	-	31.69	-	2.2	-	2.5	-	<0.02	-	0.29	-	<0.05	-	0.01	-	1.6	-	2*	-
10/7/2020	Mid-Flood	Fine	Moderate	N2			Bottom	1	4.5	26.8	8.0	90.8	6.02	6.03	32.66	-	2.4	-	2.4	-	<0.02	-	0.29	-	<0.05	-	0.01	-	1.4	-	2*	-
10/7/2020	Mid-Flood	Fine	Moderate	N2			Bottom	2	4.5	26.9	8.0	90.9	6.03	-	32.81	-	2.3	-	2.2	-	<0.02	-	0.28	-	<0.05	-	0.01	-	1.4	-	1*	-
10/7/2020	Mid-Flood	Fine	Moderate	FCZ1B	9:06	4.7	Surface	1	1.0	26.4	8.0	100.2	6.61	6.52	31.58	32.20	2.5	2.5	2.2	2.5	<0.02	<0.02	0.28	0.28	<0.05	<0.05	0.02	0.01	<1.0	1.1	2*	3
10/7/2020	Mid-Flood	Fine	Moderate	FCZ1B			Surface	2	1.0	26.1	8.0	96.8	6.43	-	31.56	-	2.4	-	2.3	-	<0.02	-	0.27	-	<0.05	-	0.01	-	<1.0	-	3*	-
10/7/2020	Mid-Flood	Fine	Moderate	FCZ1B			Bottom	1	3.7	27.2	8.0	94.9	6.30	6.36	32.78	-	2.5	-	2.6	-	<0.02	-	0.27	-	<0.05	-	0.01	-	1	-	2*	-
10/7/2020	Mid-Flood	Fine	Moderate	FCZ1B			Bottom	2	3.7	27.2	8.0	96.7	6.42	-	32.89	-	2.5	-	3.0	-	<0.02	-	0.29	-	<0.05	-	0.01	-	1.5	-	3*	-
10/7/2020	Mid-Flood	Fine	Moderate	H4A	9:22	1.8	Middle	1	0.9	26.7	8.0	105.8	6.97	6.94	31.43	31.43	2.0	2.1	1.8	1.7	<0.02	<0.02	0.27	0.27	<0.05	<0.05	0.01	0.01	1.6	1.8	6*	5
10/7/2020	Mid-Flood	Fine	Moderate	H4A			Middle	2	0.9	26.5	8.0	104.9	6.90	-	31.43	-	2.1	-	1.6	-	<0.02	-	0.27	-	<0.05	-	0.01	-	2	-	3*	-
10/7/2020	Mid-Flood	Fine	Moderate	H1A	9:33	0.8	Middle	1	0.4	26.6	8.0	101.2	6.67	6.73	31.11	31.20	1.9	1.9	1.7	1.8	<0.02	<0.02	0.33	0.31	<0.05	<0.05	0.02	0.02	1.9	1.8	2*	3
10/7/2020	Mid-Flood	Fine	Moderate	H1A			Middle	2	0.4	26.8	8.0	103.0	6.78	-	31.29	-	1.9	-	1.8	-	<0.02	-	0.29	-	<0.05	-	0.02	-	1.6	-	3*	-
10/7/2020	Mid-Flood	Fine	Moderate	M1A	9:42	1.0	Middle	1	0.5	26.2	8.0	105.3	6.93	6.89	31.35	31.29	1.7	1.7	1.8	1.8	<0.02	<0.02	0.27	0.30	<0.05	<0.05	0.01	0.01	1.5	1.5	2*	2
10/7/2020	Mid-Flood	Fine	Moderate	M1A			Middle	2	0.5	27.0	8.0	104.1	6.85	-	31.23	-	1.7	-	1.8	-	<0.02	-	0.32	-	<0.05	-	0.01	-	1.5	-	2*	-
10/7/2020	Mid-Flood	Fine	Moderate	SGA	9:54	0.8	Middle	1	0.4	27.1	8.0	104.9	6.90	6.90	31.43	31.41	2.1	2.1	1.1	1.3	<0.02	<0.02	0.30	0.30	<0.05	<0.05	0.02	0.02	1.5	1.5	2*	2
10/7/2020	Mid-Flood	Fine	Moderate	SGA			Middle	2	0.4	27.2	8.0	104.8	6.89	-	31.38	-	2.1	-	1.4	-	<0.02	-	0.30	-	<0.05	-	0.02	-	1.5	-	1*	-

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

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

9-Oct-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
10/9/2020	Mid-Flood	Sunny	Moderate	C	14:15	9.3	Surface	1	1.0	26.1	7.9	92.2	6.25	6.14	30.66	32.62	2.5	2.5	2.9	2.5	<0.02	<0.02	0.32	0.30	<0.05	<0.05	0.02	0.02	2.5	2.5	2*	<1
10/9/2020	Mid-Flood	Sunny	Moderate	C			Surface	2	1.0	26.2	7.9	91.7	6.21	-	30.61	-	2.5	-	3.2	-	<0.02	-	0.29	-	<0.05	-	0.02	-	2.3	-	NOT DETECTED	-
10/9/2020	Mid-Flood	Sunny	Moderate	C			Middle	1	4.7	26.8	7.8	91.8	6.06	-	33.53	-	2.5	-	2.5	-	<0.02	-	0.26	-	<0.05	-	0.02	-	2.7	-	1*	-
10/9/2020	Mid-Flood	Sunny	Moderate	C			Middle	2	4.7	26.7	7.8	91.0	6.03	-	33.54	-	2.6	-	2.5	-	<0.02	-	0.37	-	<0.05	-	0.02	-	2.7	-	NOT DETECTED	-
10/9/2020	Mid-Flood	Sunny	Moderate	C			Bottom	1	8.3	26.4	7.9	90.9	6.03	6.02	33.79	-	2.6	-	1.7	-	<0.02	-	0.30	-	<0.05	-	0.02	-	2.2	-	NOT DETECTED	-
10/9/2020	Mid-Flood	Sunny	Moderate	C			Bottom	2	8.3	26.7	7.8	90.6	6.01	-	33.58	-	2.5	-	1.9	-	<0.02	-	0.28	-	<0.05	-	0.02	-	2.3	-	NOT DETECTED	-
10/9/2020	Mid-Flood	Sunny	Moderate	N2	14:38	5.4	Surface	1	1.0	26.1	7.9	98.5	6.56	6.56	31.60	32.56	2.3	2.3	3.3	3.4	<0.02	<0.02	0.32	0.33	<0.05	<0.05	0.02	0.02	2.6	2.6	NOT DETECTED	<1
10/9/2020	Mid-Flood	Sunny	Moderate	N2			Surface	2	1.0	26.2	7.9	98.2	6.55	-	31.53	-	2.1	-	3.1	-	<0.02	-	0.28	-	<0.05	-	0.02	-	2.2	-	2*	-
10/9/2020	Mid-Flood	Sunny	Moderate	N2			Bottom	1	4.4	26.7	7.9	95.2	6.32	6.31	33.57	-	2.5	-	3.8	-	<0.02	-	0.34	-	<0.05	-	0.02	-	2.6	-	NOT DETECTED	-
10/9/2020	Mid-Flood	Sunny	Moderate	N2			Bottom	2	4.4	26.8	7.8	93.0	6.30	-	33.52	-	2.3	-	3.5	-	<0.02	-	0.39	-	<0.05	-	0.02	-	2.8	-	NOT DETECTED	-
10/9/2020	Mid-Flood	Sunny	Moderate	FCZ1B	14:52	4.7	Surface	1	1.0	26.3	8.0	98.1	6.62	6.76	31.83	32.55	2.1	2.2	3.2	3.0	<0.02	<0.02	0.29	0.32	<0.05	<0.05	0.02	0.02	2.6	2.7	80	71
10/9/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Surface	2	1.0	25.8	8.0	100.6	6.89	-	31.62	-	2.1	-	3.4	-	<0.02	-	0.33	-	<0.05	-	0.02	-	2.6	-	69	-
10/9/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Bottom	1	3.7	27.1	7.8	94.1	6.36	6.35	33.38	-	2.2	-	2.7	-	<0.02	-	0.31	-	<0.05	-	0.02	-	2.8	-	62	-
10/9/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Bottom	2	3.7	27.1	7.9	93.6	6.34	-	33.37	-	2.2	-	2.6	-	<0.02	-	0.36	-	<0.05	-	0.02	-	2.8	-	73	-
10/9/2020	Mid-Flood	Sunny	Moderate	H4A	15:09	1.8	Middle	1	0.9	27.1	7.8	95.2	6.33	6.31	31.71	31.69	2.4	2.4	2.5	2.5	<0.02	<0.02	0.32	0.32	<0.05	<0.05	0.02	0.02	2.9	2.8	NOT DETECTED	ND
10/9/2020	Mid-Flood	Sunny	Moderate	H4A			Middle	2	0.9	27.1	7.9	94.5	6.29	-	31.67	-	2.4	-	2.4	-	<0.02	-	0.31	-	<0.05	-	0.02	-				

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

12-Oct-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
													10/12/2020	Mid-Ebb	Sunny	Moderate	C	7:24	9.6	Surface	1	1.0	25.9	7.9	97.7	6.63	6.0	31.84	33.24	1.1	1.7	4.4	3.8	<0.02	<0.02	0.31	0.30	<0.05	0.05	0.02
10/12/2020	Mid-Ebb	Sunny	Moderate	C			Surface	2	1.0	25.9	7.9	97.0	6.59	-	31.82	-	1.2	-	4.7	-	<0.02	-	0.28	-	<0.05	-	0.02	-	<1.0	-	32	-								
10/12/2020	Mid-Ebb	Sunny	Moderate	C			Middle	1	4.8	26.4	7.8	79.9	5.32	-	33.87	-	1.6	-	3.5	-	<0.02	-	0.34	-	0.05	-	0.02	-	1.5	-	36	-								
10/12/2020	Mid-Ebb	Sunny	Moderate	C			Middle	2	4.8	26.4	7.8	80.5	5.36	-	33.86	-	1.7	-	3.8	-	<0.02	-	0.32	-	<0.05	-	0.02	-	1.6	-	43	-								
10/12/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	1	8.6	26.3	7.8	76.7	5.11	5.1	34.02	-	2.3	-	3.3	-	<0.02	-	0.26	-	<0.05	-	0.02	-	1.6	-	20	-								
10/12/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	2	8.6	26.2	7.8	76.3	5.09	-	34.01	-	2.5	-	3.0	-	<0.02	-	0.31	-	0.06	-	0.02	-	1.5	-	38	-								
10/12/2020	Mid-Ebb	Sunny	Moderate	N1	7:41	6.4	Surface	1	1.0	25.9	7.9	89.8	6.11	5.8	31.81	33.17	2.0	2.4	5.0	4.7	<0.02	<0.02	0.33	0.30	<0.05	<0.05	0.02	0.02	1.2	1.2	20	26								
10/12/2020	Mid-Ebb	Sunny	Moderate	N1			Surface	2	1.0	25.9	7.9	90.1	6.12	-	31.82	-	2.1	-	5.3	-	<0.02	-	0.30	-	<0.05	-	0.02	-	1.5	-	27	-								
10/12/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	1	3.2	26.5	7.8	81.5	5.42	-	33.80	-	2.4	-	4.5	-	<0.02	-	0.29	-	<0.05	-	0.02	-	<1.0	-	26	-								
10/12/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	2	3.2	26.6	7.8	82.2	5.46	-	33.81	-	2.5	-	4.8	-	<0.02	-	0.29	-	<0.05	-	0.02	-	1.2	-	29	-								
10/12/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	1	5.4	26.3	7.8	78.5	5.23	5.2	33.88	-	2.7	-	4.4	-	<0.02	-	0.30	-	<0.05	-	0.02	-	1.1	-	26	-								
10/12/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	2	5.4	26.4	7.8	78.4	5.23	-	33.87	-	2.8	-	4.2	-	<0.02	-	0.31	-	<0.05	-	0.03	-	1.2	-	26	-								
10/12/2020	Mid-Ebb	Sunny	Moderate	FCZ1B	7:58	4.8	Surface	1	1.0	26.1	7.9	87.3	5.93	5.9	31.30	32.49	1.9	2.3	4.0	4.1	<0.02	<0.02	0.28	0.31	<0.05	<0.05	0.02	0.02	1.3	1.4	NOT DETECTED	<1								
10/12/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Surface	2	1.0	26.1	7.9	87.6	5.95	-	31.23	-	2.0	-	3.5	-	<0.02	-	0.42	-	<0.05	-	0.02	-	2.1	-	1*	-								
10/12/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	1	3.8	26.8	7.8	78.7	5.25	5.3	33.71	-	2.5	-	4.3	-	<0.02	-	0.28	-	<0.05	-	0.02	-	<1.0	-	NOT DETECTED	-								
10/12/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	2	3.8	26.8	7.8	78.9	5.27	-	33.71	-	2.6	-	4.6	-	<0.02	-	0.26	-	<0.05	-	0.02	-	<1.0	-	NOT DETECTED	-								
10/12/2020	Mid-Ebb	Sunny	Moderate	H4A	8:12	1.8	Middle	1	0.9	26.4	7.9	100.8	6.83	6.8	30.74	30.74	2.0	2.0	7.2	7.3	<0.02	<0.02	0.47	0.45	<0.05	<0.05	0.02	0.02	1.8	1.6	NOT DETECTED	ND								
10/12/2020	Mid-Ebb	Sunny	Moderate	H4A			Middle	2	0.9	26.4	7.9	100.5	6.82	-	30.74	-	1.9	-	7.4	-	<0.02	-	0.43	-	<0.05	-	0.02	-	1.4	-	NOT DETECTED	-								
10/12/2020	Mid-Ebb	Sunny	Moderate	H1A	8:21	0.8	Middle	1	0.4	26.6	7.9	98.9	6.68	6.7	30.76	30.79	2.4	2.5	5.1	5.0	<0.02	<0.02	0.30	0.36	<0.05	<0.05	0.02	0.02	1.1	1.5	NOT DETECTED	ND								
10/12/2020	Mid-Ebb	Sunny	Moderate	H1A			Middle	2	0.4	26.6	7.9	99.5	6.73	-	30.81	-	2.5	-	4.9	-	<0.02	-	0.42	-	<0.05	-	0.02	-	1.9	-	NOT DETECTED	-								
10/12/2020	Mid-Ebb	Sunny	Moderate	M1A	8:31	0.6	Middle	1	0.3	26.6	7.9	97.4	6.58	6.6	30.80	30.81	1.9	1.9	5.7	5.6	<0.02	<0.02	0.27	0.28	<0.05	<0.05	0.02	0.02	1.1	1.1	NOT DETECTED	ND								
10/12/2020	Mid-Ebb	Sunny	Moderate	M1A			Middle	2	0.3	26.6	7.9	98.0	6.62	-	30.82	-	1.9	-	5.4	-	<0.02	-	0.29	-	<0.05	-	0.02	-	1.0	-	NOT DETECTED	-								
10/12/2020	Mid-Ebb	Sunny	Moderate	SGA	8:40	0.6	Middle	1	0.3	26.6	7.9	98.1	6.63	6.6	30.93	30.93	2.0	2.0	4.7	4.9	<0.02	<0.02	0.34	0.33	<0.05	<0.05	0.02	0.02	<1.0	<1.0	NOT DETECTED	ND								
10/12/2020	Mid-Ebb	Sunny	Moderate	SGA			Middle	2	0.3	26.6	7.9	97.9	6.61	-	30.92	-	2.0	-	5.1	-	<0.02	-	0.32	-	<0.05	-	0.02	-	<1.0	-	NOT DETECTED	-								

DA - Depth-averaged

DO - Dissolved Oxygen

* denoted the estimated count

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

14-Oct-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
													10/14/2020	Mid-Ebb	Cloudy	Rough	C	9:06	9.1	Surface	1	1.0	27.5	8.0	94.6	6.26	6.2	31.63	31.63	2.1	2.1	3.4	2.6	<0.02	<0.02	0.33	0.33	<0.05	<0.05	0.02
10/14/2020	Mid-Ebb	Cloudy	Rough	C			Surface	2	1.0	27.5	8.0	94.6	6.26	-	31.64	-	2.1	-	3.2	-	<0.02	-	0.32	-	<0.05	-	0.02	-	1.1	-	6*	-								
10/14/2020	Mid-Ebb	Cloudy	Rough	C			Middle	1	4.6	27.3	8.0	94.1	6.25	-	31.60	-	2.1	-	2.8	-	<0.02	-	0.31	-	<0.05	-	0.03	-	1.2	-	3*	-								
10/14/2020	Mid-Ebb	Cloudy	Rough	C			Middle	2	4.6	27.3	8.0	92.4	6.14	-	31.62	-	2.1	-	2.7	-	<0.02	-	0.33	-	<0.05	-	0.02	-	1.1	-	2*	-								
10/14/2020	Mid-Ebb	Cloudy	Rough	C			Bottom	1	8.1	27.4	8.0	93.5	6.21	6.1	31.62	-	2.2	-	1.6	-	<0.02	-	0.34	-	<0.05	-	0.03	-	1.1	-	3*	-								
10/14/2020	Mid-Ebb	Cloudy	Rough	C			Bottom	2	8.1	27.3	8.0	90.2	5.99	-	31.67	-	2.1	-	1.7	-	<0.02	-	0.35	-	<0.05	-	0.02	-	1.1	-	2*	-								
10/14/2020	Mid-Ebb	Cloudy	Rough	N1	9:25	6.2	Surface	1	1.0	27.5	8.0	94.8	6.27	6.3	31.64	31.61	2.6	2.6	5.4	5.9	<0.02	0.02	0.32	0.39	<0.05	<0.05	0.03	0.02	1.0	1.3	2*	3								
10/14/2020	Mid-Ebb	Cloudy	Rough	N1			Surface	2	1.0	27.5	8.0	94.7	6.27	-	31.63	-	2.6	-	5.1	-	<0.02	-	0.33	-	<0.05	-	0.02	-	1.2	-	1*	-								
10/14/2020	Mid-Ebb	Cloudy	Rough	N1			Middle	1	3.1	27.3	8.0	94.3	6.26	-	31.63	-	2.5	-	5.9	-	<0.02	-	0.33	-	<0.05	-	0.02	-	1.3	-	4*	-								
10/14/2020	Mid-Ebb	Cloudy	Rough	N1			Middle	2	3.1	27.4	8.0	94.5	6.26	-	31.62	-	2.6	-	5.6	-	<0.02	-	0.32	-	<0.05	-	0.02	-	1.1	-	3*	-								
10/14/2020	Mid-Ebb	Cloudy	Rough	N1			Bottom	1	5.2	27.5	8.0	94.3	6.25	6.3	31.58	-	2.6	-	6.4	-	0.03	-	0.31	-	<0.05	-	0.02	-	1.3	-	3*	-								
10/14/2020	Mid-Ebb	Cloudy	Rough	N1			Bottom	2	5.2	27.3	8.0	94.2	6.26	-	31.58	-	2.6	-	6.8	-	0.02	-	0.72	-	<0.05	-	0.02	-	1.8	-	4*	-								
10/14/2020	Mid-Ebb	Cloudy	Rough	FCZ1B	9:46	4.7	Surface	1	1.0	27.5	8.0	95.0	6.29	6.3	31.64	31.62	2.1	2.1	2.9	3.4	<0.02	<0.02	0.34	0.34	<0.05	<0.05	0.02	0.02	1.3	1.4	3*	2								
10/14/2020	Mid-Ebb	Cloudy	Rough	FCZ1B			Surface	2	1.0	27.5	8.0	95.0	6.28	-	31.63	-	2.0	-	3.2	-	<0.02	-	0.33	-	<0.05															

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

16-Oct-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
10/16/2020	Mid-Ebb	Sunny	Moderate	C	11:06	9.5	Surface	1	1.0	27.1	7.9	90.0	6.07	6.0	31.12	31.49	3.2	3.4	3.2	2.9	0.09	0.08	0.40	0.39	0.15	0.15	0.02	0.02	<1.0	<1.0	5*	10								
10/16/2020	Mid-Ebb	Sunny	Moderate	C			Surface	2	1.0	27.2	7.9	90.8	6.06	-	31.11	-	3.2	-	3.5	-	0.08	-	0.37	-	0.13	-	0.02	-	<1.0	-	6*	-								
10/16/2020	Mid-Ebb	Sunny	Moderate	C			Middle	1	4.8	27.5	8.0	88.5	5.95	-	31.65	-	3.3	-	2.6	-	0.08	-	0.43	-	0.15	-	0.02	-	<1.0	-	10	-								
10/16/2020	Mid-Ebb	Sunny	Moderate	C			Middle	2	4.8	27.5	8.0	88.5	5.90	-	31.65	-	3.5	-	3.0	-	0.08	-	0.41	-	0.15	-	0.02	-	<1.0	-	14	-								
10/16/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	1	8.5	27.4	8.0	87.4	5.86	5.9	31.71	-	3.6	-	2.6	-	0.09	-	0.38	-	0.15	-	0.02	-	<1.0	-	11	-								
10/16/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	2	8.5	27.5	8.0	88.1	5.89	-	31.69	-	3.5	-	2.7	-	0.08	-	0.37	-	0.14	-	0.02	-	<1.0	-	12	-								
10/16/2020	Mid-Ebb	Sunny	Moderate	N1	11:25	6.5	Surface	1	1.0	27.3	8.0	91.9	6.20	6.1	31.18	31.49	3.5	3.4	4.5	3.8	0.08	0.08	0.40	0.38	0.15	0.14	0.02	0.02	<1.0	<1.0	12	10								
10/16/2020	Mid-Ebb	Sunny	Moderate	N1			Surface	2	1.0	27.1	7.9	90.4	6.11	-	31.17	-	3.3	-	4.3	-	0.08	-	0.38	-	0.14	-	0.02	-	<1.0	-	11	-								
10/16/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	1	3.3	27.4	8.0	91.4	6.09	-	31.57	-	3.5	-	4.0	-	0.08	-	0.37	-	0.14	-	0.02	-	<1.0	-	14	-								
10/16/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	2	3.3	27.4	8.0	90.3	6.03	-	31.54	-	3.5	-	3.8	-	0.08	-	0.36	-	0.14	-	0.02	-	<1.0	-	16	-								
10/16/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	1	5.5	27.4	8.0	87.0	5.81	5.8	31.72	-	3.3	-	3.1	-	0.08	-	0.37	-	0.14	-	0.02	-	<1.0	-	3*	-								
10/16/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	2	5.5	27.4	8.0	87.8	5.86	-	31.74	-	3.5	-	3.3	-	0.08	-	0.37	-	0.15	-	0.02	-	<1.0	-	2*	-								
10/16/2020	Mid-Ebb	Sunny	Moderate	FCZ1B	11:46	4.5	Surface	1	1.0	26.8	7.9	90.7	6.15	6.1	31.07	31.06	2.9	2.9	3.2	4.0	0.08	0.08	0.40	0.40	0.15	0.15	0.03	0.03	<1.0	<1.0	21	20								
10/16/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Surface	2	1.0	26.9	7.9	90.2	6.11	-	31.03	-	2.8	-	3.4	-	0.08	-	0.40	-	0.15	-	0.03	-	<1.0	-	22	-								
10/16/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	1	3.5	27.3	7.9	88.2	5.88	6.0	31.09	-	2.9	-	4.9	-	0.08	-	0.39	-	0.15	-	0.03	-	<1.0	-	17	-								
10/16/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	2	3.5	27.0	7.9	90.5	6.07	-	31.04	-	2.8	-	4.5	-	0.08	-	0.40	-	0.15	-	0.03	-	<1.0	-	19	-								
10/16/2020	Mid-Ebb	Sunny	Moderate	H4A	12:00	1.8	Middle	1	0.9	27.1	7.9	96.5	6.54	-	31.16	31.17	3.1	3.1	5.8	5.9	0.08	0.08	0.42	0.43	0.16	0.16	0.03	0.03	<1.0	<1.0	NOT DETECTED	ND								
10/16/2020	Mid-Ebb	Sunny	Moderate	H4A			Middle	2	0.9	27.1	7.9	97.3	6.59	-	31.18	-	3.1	-	5.9	-	0.08	-	0.43	-	0.16	-	0.03	-	<1.0	-	NOT DETECTED	ND								
10/16/2020	Mid-Ebb	Sunny	Moderate	H1A	12:09	1.0	Middle	1	0.5	27.1	7.9	95.5	6.46	6.5	31.14	31.15	3.3	3.3	6.7	6.5	0.08	0.08	0.42	0.42	0.16	0.16	0.03	0.03	<1.0	<1.0	1*	<1								
10/16/2020	Mid-Ebb	Sunny	Moderate	H1A			Middle	2	0.5	27.1	7.9	95.5	6.46	-	31.15	-	3.3	-	6.3	-	0.08	-	0.42	-	0.16	-	0.03	-	<1.0	-	NOT DETECTED	ND								
10/16/2020	Mid-Ebb	Sunny	Moderate	M1A	12:20	0.6	Middle	1	0.3	27.1	7.9	89.4	6.05	6.1	31.17	31.16	3.1	3.1	5.0	4.8	0.08	0.09	0.43	0.43	0.16	0.17	0.03	0.03	<1.0	<1.0	NOT DETECTED	ND								
10/16/2020	Mid-Ebb	Sunny	Moderate	M1A			Middle	2	0.3	27.1	7.9	91.3	6.18	-	31.14	-	3.1	-	4.6	-	0.09	-	0.42	-	0.18	-	0.03	-	<1.0	-	NOT DETECTED	ND								
10/16/2020	Mid-Ebb	Sunny	Moderate	SGA	12:31	0.8	Middle	1	0.4	27.1	7.9	94.0	6.36	6.4	31.12	31.12	2.8	2.8	5.5	5.4	0.08	0.08	0.43	0.43	0.17	0.17	0.03	0.03	<1.0	<1.0	1*	<1								
10/16/2020	Mid-Ebb	Sunny	Moderate	SGA			Middle	2	0.4	27.1	7.9	94.5	6.40	-	31.11	-	2.8	-	5.2	-	0.08	-	0.43	-	0.17	-	0.03	-	<1.0	-	NOT DETECTED	-								

DA - Depth-averaged

DO - Dissolved Oxygen

* denoted the estimated count

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

19-Oct-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
10/19/2020	Mid-Ebb	Fine	Moderate	C	12:57	9.5	Surface	1	1.0	27.2	8.0	85.4	5.52	5.5	29.96	31.20	3.8	3.9	5.4	4.7	<0.02	<0.02	0.58	0.41	<0.05	<0.05	0.02	0.02	2.0	1.6	NOT DETECTED	<1								
10/19/2020	Mid-Ebb	Fine	Moderate	C			Surface	2	1.0	27.2	8.0	85.4	5.52	-	29.97	-	3.7	-	5.0	-	<0.02	-	0.33	-	<0.05	-	0.01	-	1.7	-	NOT DETECTED	-								
10/19/2020	Mid-Ebb	Fine	Moderate	C			Middle	1	4.8	27.7	7.9	84.6	5.44	-	31.78	-	3.9	-	4.8	-	<0.02	-	0.29	-	<0.05	-	0.02	-	1.6	-	1*	-								
10/19/2020	Mid-Ebb	Fine	Moderate	C			Middle	2	4.8	27.7	7.8	84.5	5.44	-	31.79	-	3.7	-	4.6	-	<0.02	-	0.68	-	<0.05	-	0.02	-	1.8	-	NOT DETECTED	-								
10/19/2020	Mid-Ebb	Fine	Moderate	C			Bottom	1	8.5	27.7	7.9	84.9	5.47	5.5	31.84	-	4.1	-	4.2	-	<0.02	-	0.30	-	<0.05	-	0.02	-	1.3	-	NOT DETECTED	-								
10/19/2020	Mid-Ebb	Fine	Moderate	C			Bottom	2	8.5	27.7	7.8	84.7	5.45	-	31.84	-	3.9	-	4.0	-	<0.02	-	0.28	-	<0.05	-	0.02	-	1.4	-	1*	-								
10/19/2020	Mid-Ebb	Fine	Moderate	N1	13:13	6.5	Surface	1	1.0	27.3	8.0	88.2	5.78	5.8	30.84	31.80	3.0	3.3	6.0	6.7	<0.02	<0.02	0.35	0.32	<0.05	<0.05	0.02	0.01	1.7	1.5	NOT DETECTED	<1								
10/19/2020	Mid-Ebb	Fine	Moderate	N1			Surface	2	1.0	27.2	8.0	87.6	5.74	-	31.05	-	2.9	-	6.4	-	<0.02	-	0.30	-	<0.05	-	0.01	-	1.2	-	1*	-								
10/19/2020	Mid-Ebb	Fine	Moderate	N1			Middle	1	3.3	27.4	7.9	89.4	5.88	-	31.69	-	3.5	-	6.5	-	<0.02	-	0.35	-	<0.05	-	0.01	-	1.3	-	1*	-								
10/19/2020	Mid-Ebb	Fine	Moderate	N1			Middle	2	3.3	27.5	7.9	87.8	5.76	-	31.53	-	3.3	-	6.8	-	<0.02	-	0.31	-	<0.05	-	0.01	-	1.3	-	1*	-								
10/19/2020	Mid-Ebb	Fine	Moderate	N1			Bottom	1	5.5	27.7	7.9	88.2	5.78	5.8	32.83	-	3.5	-	7.4	-	<0.02	-	0.30	-	<0.05	-	0.01	-	1.6	-	NOT DETECTED	-								
10/19/2020	Mid-Ebb	Fine	Moderate	N1			Bottom	2	5.5	27.7	7.9	87.8	5.76	-	32.83	-	3.7	-	7.1	-	<0.02	-	0.30	-	<0.05	-	0.01	-	1.8	-	1*	-								
10/19/2020	Mid-Ebb	Fine	Moderate	FCZ1B	13:31	4.5	Surface	1	1.0	27.1	8.0	102.5	6.88	6.8	31.11	31.97	3.0	3.1	5.3	4.6	<0.02	<0.02	0.31	0.32	<0.05															

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

21-Oct-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
10/21/2020	Mid-Flood	Sunny	Moderate	C	9:06	9.4	Surface	1	1.0	26.8	8.0	102.7	7.58	7.58	31.78	31.79	3.7	4.0	5.1	6.6	<0.02	<0.02	0.27	0.28	<0.05	<0.05	0.02	0.02	1.8	1.8	NOT DETECTED	<1								
10/21/2020	Mid-Flood	Sunny	Moderate	C			Surface	2	1.0	26.8	8.0	102.7	7.59	-	31.77	-	3.6	-	5.5	-	<0.02	-	0.30	-	<0.05	-	0.02	-	1.9	-	NOT DETECTED	-								
10/21/2020	Mid-Flood	Sunny	Moderate	C			Middle	1	4.7	26.7	8.0	102.6	7.57	-	31.78	-	4.1	-	6.6	-	<0.02	-	0.30	-	<0.05	-	0.01	-	1.9	-	1*	-								
10/21/2020	Mid-Flood	Sunny	Moderate	C			Middle	2	4.7	26.7	8.0	102.8	7.59	-	31.80	-	4.1	-	6.4	-	<0.02	-	0.26	-	<0.05	-	0.02	-	1.8	-	1*	-								
10/21/2020	Mid-Flood	Sunny	Moderate	C			Bottom	1	8.4	26.7	8.0	102.4	7.57	7.57	31.81	-	4.2	-	8.0	-	<0.02	-	0.26	-	<0.05	-	0.02	-	1.7	-	1*	-								
10/21/2020	Mid-Flood	Sunny	Moderate	C			Bottom	2	8.4	26.7	8.0	102.2	7.56	-	31.79	-	4.1	-	7.7	-	<0.02	-	0.26	-	<0.05	-	0.02	-	1.7	-	1*	-								
10/21/2020	Mid-Flood	Sunny	Moderate	N2	9:17	5.5	Surface	1	1.0	26.7	8.1	104.1	7.68	7.67	31.77	31.80	2.8	2.9	4.2	5.5	<0.02	<0.02	0.27	0.28	<0.05	<0.05	0.02	0.02	1.7	1.7	NOT DETECTED	ND								
10/21/2020	Mid-Flood	Sunny	Moderate	N2			Surface	2	1.0	26.7	8.1	103.7	7.65	-	31.77	-	2.8	-	4.6	-	<0.02	-	0.28	-	<0.05	-	0.02	-	1.8	-	NOT DETECTED	-								
10/21/2020	Mid-Flood	Sunny	Moderate	N2			Bottom	1	4.5	26.7	8.1	103.3	7.63	7.65	31.77	-	3.0	-	6.4	-	<0.02	-	0.28	-	<0.05	-	0.02	-	1.7	-	NOT DETECTED	-								
10/21/2020	Mid-Flood	Sunny	Moderate	N2			Bottom	2	4.5	26.7	8.1	103.8	7.66	-	31.77	-	2.9	-	6.8	-	<0.02	-	0.28	-	<0.05	-	0.02	-	1.7	-	NOT DETECTED	-								
10/21/2020	Mid-Flood	Sunny	Moderate	FCZ1B	9:31	4.8	Surface	1	1.0	26.5	8.1	106.2	7.89	7.90	30.92	30.94	3.2	3.3	5.8	6.0	<0.02	<0.02	0.28	0.28	<0.05	<0.05	0.02	0.02	1.8	1.6	NOT DETECTED	ND								
10/21/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Surface	2	1.0	26.6	8.1	106.4	7.90	-	30.93	-	3.2	-	6.0	-	<0.02	-	0.25	-	<0.05	-	0.02	-	1.6	-	NOT DETECTED	-								
10/21/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Bottom	1	3.8	26.6	8.1	105.9	7.86	7.85	30.95	-	3.4	-	6.0	-	<0.02	-	0.30	-	<0.05	-	0.02	-	1.4	-	NOT DETECTED	-								
10/21/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Bottom	2	3.8	26.6	8.1	105.4	7.83	-	30.95	-	3.4	-	6.2	-	<0.02	-	0.27	-	<0.05	-	0.02	-	1.6	-	NOT DETECTED	-								
10/21/2020	Mid-Flood	Sunny	Moderate	H4A	9:42	2.0	Middle	1	1.0	26.7	8.1	104.5	7.72	7.74	31.55	31.55	3.4	3.4	6.0	5.9	<0.02	<0.02	0.33	0.31	<0.05	<0.05	0.02	0.02	1.7	1.7	2*	1								
10/21/2020	Mid-Flood	Sunny	Moderate	H4A			Middle	2	1.0	26.7	8.1	105.0	7.75	-	31.54	-	3.3	-	5.8	-	<0.02	-	0.29	-	<0.05	-	0.02	-	1.7	-	NOT DETECTED	-								
10/21/2020	Mid-Flood	Sunny	Moderate	H1A	9:52	0.8	Middle	1	0.4	26.6	8.1	105.9	7.86	7.85	30.91	30.91	3.3	3.3	6.1	6.0	<0.02	<0.02	0.29	0.29	<0.05	<0.05	0.02	0.02	1.7	1.7	1*	<1								
10/21/2020	Mid-Flood	Sunny	Moderate	H1A			Middle	2	0.4	26.6	8.1	105.6	7.84	-	30.91	-	3.3	-	5.9	-	<0.02	-	0.29	-	<0.05	-	0.02	-	1.7	-	NOT DETECTED	-								
10/21/2020	Mid-Flood	Sunny	Moderate	M1A	10:03	0.8	Middle	1	0.4	26.5	8.1	107.0	7.94	7.94	30.90	30.90	3.4	3.5	6.5	6.4	<0.02	<0.02	0.27	0.27	<0.05	<0.05	0.02	0.02	1.5	1.5	NOT DETECTED	ND								
10/21/2020	Mid-Flood	Sunny	Moderate	M1A			Middle	2	0.4	26.6	8.1	106.9	7.93	-	30.90	-	3.5	-	6.3	-	<0.02	-	0.27	-	<0.05	-	0.02	-	1.5	-	NOT DETECTED	-								
10/21/2020	Mid-Flood	Sunny	Moderate	SGA	10:14	0.8	Middle	1	0.4	26.6	8.1	106.1	7.87	7.86	30.91	30.91	3.3	3.3	6.3	6.2	<0.02	<0.02	0.26	0.26	<0.05	<0.05	0.02	0.02	1.6	1.5	3*	3								
10/21/2020	Mid-Flood	Sunny	Moderate	SGA			Middle	2	0.4	26.6	8.1	105.8	7.85	-	30.91	-	3.3	-	6.0	-	<0.02	-	0.25	-	<0.05	-	0.02	-	1.4	-	2*	-								

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

26-Oct-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
10/26/2020	Mid-Ebb	Sunny	Moderate	C	8:02	9.1	Surface	1	1.0	25.3	8.0	97.4	6.61	6.6	31.72	33.47	2.1	2.1	4.5	3.4	<0.02	<0.02	0.20	0.20	<0.05	<0.05	<0.01	<0.01	1.2	1.1	NOT DETECTED	ND								
10/26/2020	Mid-Ebb	Sunny	Moderate	C			Surface	2	1.0	25.2	8.0	99.0	6.73	-	31.74	-	2.1	-	4.8	-	<0.02	-	0.19	-	<0.05	-	<0.01	-	1.3	-	NOT DETECTED	-								
10/26/2020	Mid-Ebb	Sunny	Moderate	C			Middle	1	4.6	25.5	7.9	96.3	6.43	-	34.02	-	2.2	-	3.2	-	<0.02	-	0.20	-	<0.05	-	<0.01	-	1.0	-	NOT DETECTED	-								
10/26/2020	Mid-Ebb	Sunny	Moderate	C			Middle	2	4.6	25.6	7.9	100.2	6.69	-	33.92	-	2.1	-	2.8	-	<0.02	-	0.20	-	<0.05	-	<0.01	-	1.1	-	NOT DETECTED	-								
10/26/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	1	8.1	25.2	7.9	93.9	6.27	6.4	34.70	-	2.2	-	2.4	-	<0.02	-	0.21	-	<0.05	-	<0.01	-	<1.0	-	NOT DETECTED	-								
10/26/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	2	8.1	25.2	7.9	96.3	6.43	-	34.71	-	2.0	-	2.6	-	<0.02	-	0.20	-	<0.05	-	<0.01	-	<1.0	-	NOT DETECTED	-								
10/26/2020	Mid-Ebb	Sunny	Moderate	N1	8:23	6.3	Surface	1	1.0	25.3	8.1	107.2	7.28	7.0	31.73	32.63	1.8	1.8	2.4	3.4	<0.02	<0.02	0.19	0.20	<0.05	<0.05	<0.01	<0.01	<1.0	1.0	NOT DETECTED	ND								
10/26/2020	Mid-Ebb	Sunny	Moderate	N1			Surface	2	1.0	25.2	8.1	103.8	7.06	-	31.74	-	1.8	-	2.2	-	<0.02	-	0.20	-	<0.05	-	<0.01	-	1.0	-	NOT DETECTED	-								
10/26/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	1	3.2	25.2	8.1	100.6	6.84	-	31.69	-	1.8	-	3.4	-	<0.02	-	0.21	-	<0.05	-	<0.01	-	1.0	-	NOT DETECTED	-								
10/26/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	2	3.2	25.2	8.1	101.4	6.90	-	31.72	-	1.8	-	3.1	-	<0.02	-	0.19	-	<0.05	-	<0.01	-	1.1	-	NOT DETECTED	-								
10/26/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	1	5.3	25.5	8.0	101.8	6.77	6.8	34.42	-	1.7	-	4.3	-	<0.02	-	0.22	-	<0.05	-	<0.01	-	<1.0	-	NOT DETECTED	-								
10/26/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	2	5.3	25.5	8.0	102.8	6.85	-	34.47	-	1.8	-	4.7	-	<0.02	-	0.19	-	<0.05	-	<0.01	-	1.1	-	NOT DETECTED	-								
10/26/2020	Mid-Ebb	Sunny	Moderate	FCZ1B	8:46	4.7	Surface	1	1.0	25.2	8.1	109.0	7.41	7.4	31.74	31.73	2.2	2.2	4.8	3.7	<0.02	<0.02	0.22	0.21	<0.05	<0.05	<0.01	<0.01	1.2	1.2	NOT DETECTED	ND								
10/26/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Surface	2	1.0	25.2	8.1	108.6	7.38	-	31.74	-	2.1	-	5.2	-	<0.02	-	0.20	-	<0.05	-	<0.01	-	<1.0	-	NOT DETECTED	-								
10/26/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	1																																

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

28-Oct-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
													10/28/2020	Mid-Ebb	Sunny	Calm	C	10:03	9.6	Surface	1	1.0	25.3	8.0	101.4	6.80	6.8	34.09	35.14	1.9	2.1	2.0	3.1	<0.02	<0.02	0.22	0.22	<0.05	<0.05	0.01
10/28/2020	Mid-Ebb	Sunny	Calm	C			Surface	2	1.0	25.4	8.0	101.2	6.79	-	34.55	-	1.9	-	2.2	-	<0.02	-	0.23	-	<0.05	-	0.01	-	1.4	-	1*	-								
10/28/2020	Mid-Ebb	Sunny	Calm	C			Middle	1	4.8	25.6	8.0	100.4	6.70	-	35.32	-	2.0	-	3.3	-	<0.02	-	0.25	-	<0.05	-	0.01	-	1.6	-	NOT DETECTED	-								
10/28/2020	Mid-Ebb	Sunny	Calm	C			Middle	2	4.8	25.7	8.0	100.6	6.74	-	35.19	-	2.1	-	3.2	-	<0.02	-	0.21	-	<0.05	-	0.01	-	1.2	-	NOT DETECTED	-								
10/28/2020	Mid-Ebb	Sunny	Calm	C			Bottom	1	8.6	25.7	8.0	100.1	6.66	6.7	35.88	-	2.2	-	3.9	-	<0.02	-	0.22	-	<0.05	-	0.02	-	1.2	-	NOT DETECTED	-								
10/28/2020	Mid-Ebb	Sunny	Calm	C			Bottom	2	8.6	25.7	8.0	99.0	6.64	-	35.83	-	2.3	-	4.0	-	<0.02	-	0.21	-	<0.05	-	0.01	-	1.4	-	1*	-								
10/28/2020	Mid-Ebb	Sunny	Calm	N1	10:16	6.5	Surface	1	1.0	25.2	8.0	107.3	7.33	7.3	33.98	35.08	1.9	2.0	1.9	1.6	<0.02	<0.02	0.24	0.22	<0.05	<0.05	0.01	0.01	1.4	1.3	1*	<1								
10/28/2020	Mid-Ebb	Sunny	Calm	N1			Surface	2	1.0	25.5	8.0	107.3	7.32	-	33.94	-	2.0	-	1.6	-	<0.02	-	0.21	-	<0.05	-	0.01	-	1.2	-	1*	-								
10/28/2020	Mid-Ebb	Sunny	Calm	N1			Middle	1	3.3	25.7	8.0	105.3	7.13	-	35.39	-	2.1	-	1.7	-	<0.02	-	0.19	-	<0.05	-	0.01	-	1.2	-	NOT DETECTED	-								
10/28/2020	Mid-Ebb	Sunny	Calm	N1			Middle	2	3.3	25.5	8.0	106.3	7.22	-	35.30	-	2.0	-	1.9	-	<0.02	-	0.23	-	<0.05	-	0.01	-	1.4	-	NOT DETECTED	-								
10/28/2020	Mid-Ebb	Sunny	Calm	N1			Bottom	1	5.5	25.7	8.0	104.0	7.01	7.0	35.80	-	2.1	-	1.1	-	<0.02	-	0.22	-	<0.05	-	0.01	-	1.0	-	1*	-								
10/28/2020	Mid-Ebb	Sunny	Calm	N1			Bottom	2	5.5	25.8	8.0	104.2	7.05	-	36.04	-	2.1	-	1.3	-	<0.02	-	0.22	-	<0.05	-	0.01	-	1.4	-	1*	-								
10/28/2020	Mid-Ebb	Sunny	Calm	FCZ1B	10:30	4.9	Surface	1	1.0	25.6	8.0	105.3	7.23	7.2	33.71	34.50	1.9	2.0	3.6	2.8	<0.02	<0.02	0.24	0.23	<0.05	<0.05	0.02	0.02	1.3	1.3	NOT DETECTED	<1								
10/28/2020	Mid-Ebb	Sunny	Calm	FCZ1B			Surface	2	1.0	25.6	8.0	105.1	7.20	-	33.69	-	1.9	-	3.2	-	<0.02	-	0.23	-	<0.05	-	0.02	-	1.2	-	1*	-								
10/28/2020	Mid-Ebb	Sunny	Calm	FCZ1B			Bottom	1	3.9	25.6	8.0	103.7	7.01	7.0	35.72	-	2.0	-	2.1	-	<0.02	-	0.23	-	<0.05	-	0.02	-	1.3	-	1*	-								
10/28/2020	Mid-Ebb	Sunny	Calm	FCZ1B			Bottom	2	3.9	25.7	8.0	103.8	7.02	-	34.86	-	2.0	-	2.2	-	<0.02	-	0.22	-	<0.05	-	0.02	-	1.3	-	NOT DETECTED	-								
10/28/2020	Mid-Ebb	Sunny	Calm	H4A	10:43	0.6	Middle	1	0.3	25.4	8.0	107.0	7.27	-	33.26	33.30	2.1	2.1	3.0	3.2	<0.02	<0.02	0.23	0.24	<0.05	<0.05	0.02	0.02	1.2	1.2	NOT DETECTED	ND								
10/28/2020	Mid-Ebb	Sunny	Calm	H4A			Middle	2	0.3	25.4	8.0	106.6	7.23	-	33.33	-	2.0	-	3.3	-	<0.02	-	0.24	-	<0.05	-	0.02	-	1.2	-	NOT DETECTED	-								
10/28/2020	Mid-Ebb	Sunny	Calm	H1A	10:52	0.6	Middle	1	0.3	25.5	8.0	106.1	7.17	7.2	33.88	33.90	2.2	2.2	3.8	3.9	<0.02	<0.02	0.25	0.25	<0.05	<0.05	0.02	0.02	1.2	1.3	NOT DETECTED	ND								
10/28/2020	Mid-Ebb	Sunny	Calm	H1A			Middle	2	0.3	25.6	8.0	105.5	7.12	-	33.92	-	2.1	-	3.9	-	<0.02	-	0.25	-	<0.05	-	0.02	-	1.3	-	NOT DETECTED	-								
10/28/2020	Mid-Ebb	Sunny	Calm	M1A	11:02	0.8	Middle	1	0.4	25.4	8.0	105.7	7.17	7.2	33.43	33.44	2.2	2.3	3.7	3.8	<0.02	<0.02	0.27	0.26	<0.05	<0.05	0.02	0.02	1.4	1.3	NOT DETECTED	ND								
10/28/2020	Mid-Ebb	Sunny	Calm	M1A			Middle	2	0.4	25.4	8.0	105.8	7.18	-	33.44	-	2.3	-	3.9	-	<0.02	-	0.25	-	<0.05	-	0.02	-	1.2	-	NOT DETECTED	-								
10/28/2020	Mid-Ebb	Sunny	Calm	SGA	11:12	1.8	Middle	1	0.9	25.4	8.0	104.1	7.07	7.1	33.26	33.26	2.3	2.3	3.1	3.1	<0.02	<0.02	0.25	0.24	<0.05	<0.05	0.02	0.02	1.4	1.4	NOT DETECTED	ND								
10/28/2020	Mid-Ebb	Sunny	Calm	SGA			Middle	2	0.9	25.4	8.0	104.5	7.10	-	33.26	-	2.2	-	3.0	-	<0.02	-	0.22	-	<0.05	-	0.02	-	1.3	-	NOT DETECTED	-								

DA - Depth-averaged

DO - Dissolved Oxygen

* denoted the estimated count

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

30-Oct-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
													10/30/2020	Mid-Ebb	Sunny	Moderate	C	10:42	9.2	Surface	1	1.0	25.6	8.0	99.1	6.66	6.4	34.67	35.76	2.3	2.4	<1.0	<1.0	<0.02	0.03	0.28	0.29	<0.05	<0.05	0.01
10/30/2020	Mid-Ebb	Sunny	Moderate	C			Surface	2	1.0	25.6	8.0	95.6	6.41	-	34.86	-	2.5	-	<1.0	-	<0.02	-	0.28	-	<0.05	-	0.02	-	1.8	-	3*	-								
10/30/2020	Mid-Ebb	Sunny	Moderate	C			Middle	1	4.6	25.5	7.9	93.6	6.24	-	36.25	-	2.4	-	<1.0	-	<0.02	-	0.28	-	<0.05	-	0.01	-	2.0	-	2*	-								
10/30/2020	Mid-Ebb	Sunny	Moderate	C			Middle	2	4.6	25.5	7.9	92.9	6.20	-	36.27	-	2.5	-	<1.0	-	0.05	-	0.29	-	<0.05	-	0.01	-	2.0	-	3*	-								
10/30/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	1	8.2	25.5	7.9	83.9	5.60	5.5	36.27	-	2.4	-	<1.0	-	<0.02	-	0.30	-	<0.05	-	0.01	-	1.7	-	2*	-								
10/30/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	2	8.2	25.5	7.9	82.0	5.47	-	36.24	-	2.4	-	<1.0	-	0.02	-	0.29	-	<0.05	-	0.01	-	1.8	-	4*	-								
10/30/2020	Mid-Ebb	Sunny	Moderate	N1	11:03	6.4	Surface	1	1.0	25.6	8.0	98.7	6.63	6.4	34.71	35.75	2.3	2.4	<1.0	<1.0	<0.02	0.03	0.33	0.31	<0.05	0.06	0.01	0.01	1.6	1.9	1*	2								
10/30/2020	Mid-Ebb	Sunny	Moderate	N1			Surface	2	1.0	25.6	8.0	96.7	6.49	-	34.79	-	2.4	-	<1.0	-	<0.02	-	0.28	-	<0.05	-	0.01	-	1.8	-	1*	-								
10/30/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	1	3.2	25.5	7.9	92.2	6.15	-	36.25	-	2.4	-	<1.0	-	<0.02	-	0.28	-	<0.05	-	0.01	-	2.0	-	2*	-								
10/30/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	2	3.2	25.5	7.9	93.8	6.26	-	36.25	-	2.5	-	<1.0	-	<0.02	-	0.33	-	<0.05	-	0.02	-	2.2	-	2*	-								
10/30/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	1	5.4	25.5	8.0	86.3	5.76	5.6	36.24	-	2.4	-	<1.0	-	0.09	-	0.31	-	<0.05	-	0.01	-	2.1	-	2*	-								
10/30/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	2	5.4	25.5	7.9	81.9	5.46	-	36.25	-	2.5	-	<1.0	-	<0.02	-	0.30	-	<0.05	-	0.01	-	1.9	-	2*	-								
10/30/2020	Mid-Ebb	Sunny	Moderate	FCZ1B	11:21	4.7	Surface	1	1.0	25.7	8.0	92.3	6.21	6.2	33.85	35.01	2.2	2.3	2.6	2.4	<0.02	<0.02	0.31	0.30	<0.05	<0.05	0.02	0.02	1.5	1.7	1*	<1								
10/30/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Surface	2	1.0	25.8	8.0	92.2	6.13	-	33.79	-	2.1	-	2.7	-	<0.02	-																		