

1-year Operation of TSTP - Marine Water Quality Monitoring Results on 2-Sep-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
													9/2/2020	Mid-Ebb	Sunny	Moderate	C	11:31	9.5	Surface	1	1.0	29.8	8.1	89.8	6.07	6.1	32.15	32.57	2.1	2.3	4.7	4.1	<0.02	<0.02	0.32	0.28	<0.05	<0.05	0.01
9/2/2020	Mid-Ebb	Sunny	Moderate	C			Surface	2	1.0	29.9	8.1	92.3	6.25	-	32.15	-	2.2	-	5.0	-	<0.02	-	0.25	-	<0.05	-	0.01	-	1.0	-	NOT DETECTED	-								
9/2/2020	Mid-Ebb	Sunny	Moderate	C			Middle	1	4.8	26.1	8.1	88.3	6.02	-	32.81	-	2.4	-	4.2	-	<0.02	-	0.28	-	<0.05	-	<0.01	-	1.0	-	NOT DETECTED	-								
9/2/2020	Mid-Ebb	Sunny	Moderate	C			Middle	2	4.8	26.0	8.0	89.8	6.11	-	32.69	-	2.4	-	4.0	-	<0.02	-	0.29	-	<0.05	-	0.01	-	1.2	-	NOT DETECTED	-								
9/2/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	1	8.5	24.6	8.0	88.3	5.99	6.0	32.82	-	2.4	-	3.4	-	<0.02	-	0.26	-	<0.05	-	0.01	-	1.0	-	NOT DETECTED	-								
9/2/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	2	8.5	24.7	8.1	87.3	5.92	-	32.77	-	2.4	-	3.2	-	<0.02	-	0.25	-	<0.05	-	0.01	-	1.4	-	NOT DETECTED	-								
9/2/2020	Mid-Ebb	Sunny	Moderate	N1	11:53	6.4	Surface	1	1.0	29.4	8.1	99.6	6.75	6.7	31.79	32.11	2.2	2.2	3.9	3.1	<0.02	<0.02	0.30	0.43	<0.05	<0.05	<0.01	0.01	1.1	1.7	NOT DETECTED	ND								
9/2/2020	Mid-Ebb	Sunny	Moderate	N1			Surface	2	1.0	29.3	8.1	98.0	6.63	-	31.76	-	2.2	-	3.7	-	<0.02	-	0.32	-	<0.05	-	0.01	-	1.0	-	NOT DETECTED	-								
9/2/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	1	3.2	29.3	8.0	98.9	6.69	-	31.97	-	2.2	-	3.2	-	<0.02	-	0.28	-	<0.05	-	0.01	-	<1.0	-	NOT DETECTED	-								
9/2/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	2	3.2	29.2	8.0	97.3	6.60	-	31.95	-	2.2	-	3.3	-	<0.02	-	0.32	-	<0.05	-	0.01	-	1.1	-	NOT DETECTED	-								
9/2/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	1	5.4	26.6	8.0	96.0	6.51	6.6	32.58	-	2.2	-	2.2	-	<0.02	-	0.61	-	<0.05	-	0.01	-	2.6	-	NOT DETECTED	-								
9/2/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	2	5.4	27.0	8.0	98.0	6.64	-	32.60	-	2.1	-	2.5	-	<0.02	-	0.73	-	<0.05	-	0.01	-	3.2	-	NOT DETECTED	-								
9/2/2020	Mid-Ebb	Sunny	Moderate	FCZ1B	12:17	4.6	Surface	1	1.0	29.0	8.0	95.5	6.44	6.5	31.99	32.30	2.3	2.3	4.2	5.5	<0.02	<0.02	0.33	0.33	<0.05	<0.05	<0.01	<0.01	2.0	1.5	NOT DETECTED	<1								
9/2/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Surface	2	1.0	29.1	8.0	96.1	6.48	-	32.04	-	2.3	-	4.3	-	<0.02	-	0.32	-	<0.05	-	<0.01	-	1.7	-	NOT DETECTED	-								
9/2/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	1	3.6	27.5	8.0	95.1	6.41	6.4	32.51	-	2.3	-	6.7	-	<0.02	-	0.32	-	<0.05	-	<0.01	-	1.3	-	NOT DETECTED	-								
9/2/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	2	3.6	27.4	8.0	95.5	6.44	-	32.67	-	2.2	-	6.6	-	<0.02	-	0.34	-	<0.05	-	<0.01	-	1.6	-	NOT DETECTED	-								
9/2/2020	Mid-Ebb	Sunny	Moderate	H4A	12:28	1.8	Middle	1	0.9	29.3	8.1	96.1	6.53	-	31.75	-	1.8	-	5.9	6.8	<0.02	<0.02	0.40	0.39	<0.05	<0.05	0.02	0.02	<1.0	1.1	NOT DETECTED	ND								
9/2/2020	Mid-Ebb	Sunny	Moderate	H4A			Middle	2	0.9	29.3	8.0	95.4	6.44	6.5	31.95	-	1.8	-	6.6	-	<0.02	-	0.37	-	<0.05	-	0.02	-	1.2	-	NOT DETECTED	-								
9/2/2020	Mid-Ebb	Sunny	Moderate	H1A	12:39	0.8	Middle	1	0.4	29.4	8.1	95.9	6.45	6.5	31.91	31.84	1.9	1.9	7.0	6.9	<0.02	<0.02	0.37	0.38	<0.05	<0.05	0.02	0.02	1.2	1.4	NOT DETECTED	ND								
9/2/2020	Mid-Ebb	Sunny	Moderate	H1A			Middle	2	0.4	29.4	8.1	96.1	6.52	-	31.77	-	1.9	-	6.7	-	<0.02	-	0.39	-	<0.05	-	0.02	-	1.5	-	NOT DETECTED	-								
9/2/2020	Mid-Ebb	Sunny	Moderate	M1A	12:49	0.6	Middle	1	0.3	29.1	8.1	97.2	6.57	6.6	31.73	31.68	2.1	2.1	6.4	6.5	<0.02	<0.02	0.41	0.39	<0.05	<0.05	0.02	0.02	1.2	1.1	NOT DETECTED	ND								
9/2/2020	Mid-Ebb	Sunny	Moderate	M1A			Middle	2	0.3	29.0	8.1	96.8	6.52	-	31.63	-	2.1	-	6.6	-	<0.02	-	0.37	-	<0.05	-	0.02	-	1.0	-	NOT DETECTED	-								
9/2/2020	Mid-Ebb	Sunny	Moderate	SGA	12:58	0.8	Middle	1	0.4	29.1	8.1	96.3	6.49	6.5	31.82	31.92	1.7	1.7	5.6	5.5	<0.02	<0.02	0.38	0.37	<0.05	<0.05	0.02	0.02	1.2	1.3	NOT DETECTED	ND								
9/2/2020	Mid-Ebb	Sunny	Moderate	SGA			Middle	2	0.4	29.1	8.1	97.7	6.58	-	32.02	-	1.7	-	5.4	-	<0.02	-	0.36	-	<0.05	-	0.02	-	1.3	-	NOT DETECTED	-								

DA - Depth-averaged
 ND - Not Detected
 * denoted the estimated count

1-year Operation of TSTP - Marine Water Quality Monitoring Results on 4-Sep-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
													9/4/2020	Mid-Ebb	Sunny	Moderate	C	12:46	9.2	Surface	1	1.0	27.4	7.9	96.2	6.20	5.9	33.59	34.01	2.6	2.5	4.0	3.0	<0.02	<0.02	0.27	0.28	<0.05	<0.05	0.02
9/4/2020	Mid-Ebb	Sunny	Moderate	C			Surface	2	1.0	27.4	7.9	93.9	6.04	-	33.59	-	2.5	-	3.8	-	<0.02	-	0.27	-	<0.05	-	0.02	-	1.4	-	1*	-								
9/4/2020	Mid-Ebb	Sunny	Moderate	C			Middle	1	4.6	26.0	7.9	87.9	5.76	-	34.13	-	2.5	-	2.9	-	<0.02	-	0.28	-	<0.05	-	0.02	-	1.4	-	4*	-								
9/4/2020	Mid-Ebb	Sunny	Moderate	C			Middle	2	4.6	25.8	7.9	84.3	5.55	-	34.25	-	2.5	-	2.6	-	<0.02	-	0.32	-	<0.05	-	0.02	-	1.3	-	3*	-								
9/4/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	1	8.2	25.9	7.9	80.5	5.27	5.4	34.21	-	2.5	-	2.4	-	<0.02	-	0.29	-	<0.05	-	0.02	-	1.5	-	3*	-								
9/4/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	2	8.2	25.9	7.9	86.3	5.61	-	34.26	-	2.5	-	2.2	-	<0.02	-	0.26	-	<0.05	-	0.02	-	1.3	-	1*	-								
9/4/2020	Mid-Ebb	Sunny	Moderate	N1	13:07	6.4	Surface	1	1.0	27.6	8.0	94.6	6.11	6.1	33.47	33.89	2.1	2.2	2.4	2.9	<0.02	0.02	0.31	0.27	<0.05	<0.05	0.02	0.02	1.8	1.6	4*	4								
9/4/2020	Mid-Ebb	Sunny	Moderate	N1			Surface	2	1.0	27.5	8.0	94.8	6.15	-	33.52	-	2.1	-	2.1	-	<0.02	-	0.27	-	<0.05	-	0.02	-	1.7	-	5*	-								
9/4/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	1	3.2	26.5	7.9	94.2	6.03	-	34.04	-	2.3	-	2.7	-	<0.02	-	0.26	-	<0.05	-	0.02	-	1.6	-	4*	-								
9/4/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	2	3.2	26.6	8.0	94.4	6.07	-	33.99	-	2.2	-	2.5	-	0.02	-	0.25	-	<0.05	-	0.02	-	1.5	-	8	-								
9/4/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	1	5.4	26.1	7.9	93.8	6.02	6.0	34.17	-	2.2	-	3.7	-	<0.02	-	0.26	-	<0.05	-	0.02	-	1.6	-	2*	-								
9/4/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	2	5.4	26.3	7.9	93.3	6.00	-	34.15	-	2.2	-	4.0	-	<0.02	-	0.25	-	<0.05	-	0.02	-	1.4	-	3*	-								
9/4/2020	Mid-Ebb	Sunny	Moderate	FCZ1B	13:27	4.6	Surface	1	1.0	28.3	7.9	93.4	6.01	6.1	34.42	34.76	2.3	2.3	2.2	3.3	<0.02	<0.02	0.28	0.29	<0.05	<0.05	0.02	0.02	1.5	1.4	NOT DETECTED	ND								
9/4/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Surface	2	1.0	28.3	7.9	94.6	6.09	-	34.42	-	2.3	-	2.4	-	<0.02	-	0.34	-	<0.05	-	0.02	-	1.3	-	NOT DETECTED	-								
9/4/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	1	3.6	26.7	7.8	89.3																												

1-year Operation of TSTP - Marine Water Quality Monitoring Results on 7-Sep-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
													9/7/2020	Mid-Ebb	Sunny	Moderate	C	14:11	9.6	Surface	1	1.0	28.4	7.9	96.0	6.28	6.1	34.57	34.91	2.4	2.5	2.7	2.3	<0.02	0.02	0.29	0.29	<0.05	<0.05	0.02

DA - Depth-averaged
 ND - Not Detected
 * 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 9-Sep-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
													9/9/2020	Mid-Flood	Sunny	Moderate	C	9:40	9.5	Surface	1	1.0	28.3	7.9	91.7	5.91	5.89	34.04	34.66	2.3	2.4	2.1	1.7	0.02	0.02	0.44	0.42	0.11	0.10	0.02

DA - Depth-averaged
 ND - Not Detected
 * 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 11-Sep-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
9/11/2020	Mid-Ebb	Sunny	Moderate	C	7:22	9.6	Surface	1	1.0	27.8	7.9	94.1	6.10	5.8	34.36	34.59	2.3	2.4	2.1	2.9	0.07	0.07	0.43	0.41	0.14	0.15	0.02	0.02	1.5	1.1	4*	2								
9/11/2020	Mid-Ebb	Sunny	Moderate	C			Surface	2	1.0	28.1	7.8	91.6	5.92	-	34.22	-	2.3	-	2.1	-	0.07	-	0.42	-	0.15	-	0.02	-	1.1	-	4*	-								
9/11/2020	Mid-Ebb	Sunny	Moderate	C			Middle	1	4.8	27.3	7.8	85.4	5.58	-	34.64	-	2.5	-	2.9	-	0.07	-	0.39	-	0.14	-	0.02	-	<1.0	-	1*	-								
9/11/2020	Mid-Ebb	Sunny	Moderate	C			Middle	2	4.8	27.3	7.9	87.7	5.74	-	34.63	-	2.5	-	3.1	-	0.07	-	0.41	-	0.15	-	0.02	-	<1.0	-	2*	-								
9/11/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	1	8.6	27.2	7.8	83.4	5.45	5.5	34.81	-	2.5	-	3.5	-	0.08	-	0.40	-	0.15	-	0.03	-	<1.0	-	NOT DETECTED	-								
9/11/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	2	8.6	27.1	7.8	85.3	5.58	-	34.86	-	2.5	-	3.7	-	0.07	-	0.41	-	0.15	-	0.03	-	<1.0	-	1*	-								
9/11/2020	Mid-Ebb	Sunny	Moderate	N1	7:43	6.3	Surface	1	1.0	28.1	7.9	95.9	6.19	5.9	34.23	34.55	2.4	2.4	<1.0	1.9	0.07	0.07	0.40	0.41	0.14	0.15	0.02	0.02	<1.0	<1.0	NOT DETECTED	2								
9/11/2020	Mid-Ebb	Sunny	Moderate	N1			Surface	2	1.0	27.8	7.9	94.5	6.13	-	34.33	-	2.3	-	<1.0	-	0.08	-	0.38	-	0.16	-	0.02	-	<1.0	-	3*	-								
9/11/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	1	3.2	27.4	7.9	86.2	5.64	-	34.60	-	2.5	-	2.2	-	0.07	-	0.42	-	0.15	-	0.02	-	<1.0	-	1*	-								
9/11/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	2	3.2	27.4	7.9	87.7	5.74	-	34.56	-	2.5	-	2.4	-	0.07	-	0.43	-	0.14	-	0.02	-	<1.0	-	1*	-								
9/11/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	1	5.3	27.2	7.9	85.6	5.58	5.6	34.80	-	2.4	-	2.6	-	0.07	-	0.40	-	0.15	-	0.02	-	<1.0	-	3*	-								
9/11/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	2	5.3	27.2	7.9	84.8	5.53	-	34.79	-	2.5	-	2.4	-	0.07	-	0.40	-	0.14	-	0.02	-	<1.0	-	1*	-								
9/11/2020	Mid-Ebb	Sunny	Moderate	FCZ1B	8:05	4.7	Surface	1	1.0	28.7	7.8	101.6	6.58	6.5	34.38	34.53	2.2	2.2	2.2	2.1	0.08	0.08	0.42	0.41	0.14	0.15	0.02	0.02	<1.0	1.1	4*	5								
9/11/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Surface	2	1.0	28.8	7.7	97.9	6.42	-	34.20	-	2.2	-	2.4	-	0.07	-	0.40	-	0.14	-	0.02	-	1.3	-	3*	-								
9/11/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	1	3.7	27.5	7.8	90.1	5.91	5.9	34.77	-	2.3	-	1.9	-	0.09	-	0.40	-	0.16	-	0.02	-	1.0	-	4*	-								
9/11/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	2	3.7	27.5	7.8	91.4	5.93	-	34.76	-	2.2	-	1.7	-	0.07	-	0.40	-	0.14	-	0.02	-	<1.0	-	8	-								
9/11/2020	Mid-Ebb	Sunny	Moderate	H4A	8:19	1.8	Middle	1	0.9	29.1	7.7	92.4	6.95	-	34.16	34.25	1.9	1.9	2.6	2.8	0.1	0.10	0.47	0.46	0.18	0.18	0.03	0.03	<1.0	1.0	NOT DETECTED	2								
9/11/2020	Mid-Ebb	Sunny	Moderate	H4A			Middle	2	0.9	28.7	7.7	92.8	5.99	-	34.34	-	1.9	-	2.9	-	0.1	-	0.45	-	0.18	-	0.03	-	1.0	-	4*	-								
9/11/2020	Mid-Ebb	Sunny	Moderate	H1A	8:29	1.0	Middle	1	0.5	28.9	7.7	94.2	6.13	6.2	32.51	33.07	1.8	1.8	2.6	2.5	0.1	0.10	0.47	0.45	0.18	0.18	0.03	0.03	<1.0	<1.0	3*	2								
9/11/2020	Mid-Ebb	Sunny	Moderate	H1A			Middle	2	0.5	29.0	7.7	97.8	6.33	-	33.63	-	1.8	-	2.4	-	0.1	-	0.43	-	0.18	-	0.03	-	<1.0	-	1*	-								
9/11/2020	Mid-Ebb	Sunny	Moderate	M1A	8:40	0.8	Middle	1	0.4	28.6	7.7	93.2	6.09	5.9	32.43	32.34	1.9	1.9	3.4	3.6	0.1	0.10	0.44	0.44	0.18	0.19	0.03	0.03	<1.0	<1.0	3*	2								
9/11/2020	Mid-Ebb	Sunny	Moderate	M1A			Middle	2	0.4	28.9	7.7	88.9	5.79	-	32.25	-	1.9	-	3.8	-	0.1	-	0.43	-	0.19	-	0.03	-	<1.0	-	1*	-								
9/11/2020	Mid-Ebb	Sunny	Moderate	SGA	8:49	0.8	Middle	1	0.4	28.6	7.7	102.2	6.68	6.6	32.44	32.43	2.1	2.2	2.8	3.0	0.1	0.10	0.44	0.45	0.18	0.18	0.03	0.03	1.1	1.1	2*	2								
9/11/2020	Mid-Ebb	Sunny	Moderate	SGA			Middle	2	0.4	28.6	7.7	100.4	6.56	-	32.41	-	2.2	-	3.1	-	0.1	-	0.45	-	0.18	-	0.03	-	1.0	-	1*	-								

DA - Depth-averaged
 ND - Not Detected
 * denoted the estimated count

1-year Operation of TSTP - Marine Water Quality Monitoring Results on 14-Sep-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
9/14/2020	Mid-Flood	Sunny	Moderate	C	15:55	9.8	Surface	1	1.0	28.6	8.0	137.2	8.86	7.21	32.88	33.43	2.2	2.5	3.5	3.2	<0.02	<0.02	0.33	0.33	<0.05	<0.05	0.02	0.01	2.8	2.5	2*	6								
9/14/2020	Mid-Flood	Sunny	Moderate	C			Surface	2	1.0	28.6	8.0	137.4	8.88	-	32.91	-	2.3	-	3.7	-	<0.02	-	0.36	-	<0.05	-	0.01	-	2.7	-	4*	-								
9/14/2020	Mid-Flood	Sunny	Moderate	C			Middle	1	4.9	26.8	7.7	84.5	5.56	-	33.44	-	2.3	-	3.2	-	<0.02	-	0.32	-	<0.05	-	0.01	-	2.4	-	9	-								
9/14/2020	Mid-Flood	Sunny	Moderate	C			Middle	2	4.9	26.8	7.7	84.2	5.53	-	33.42	-	2.4	-	3.2	-	<0.02	-	0.29	-	<0.05	-	0.01	-	2.4	-	14	-								
9/14/2020	Mid-Flood	Sunny	Moderate	C			Bottom	1	8.8	26.4	7.6	67.6	4.46	4.49	33.96	-	2.8	-	2.8	-	<0.02	-	0.30	-	<0.05	-	0.01	-	2.2	-	3*	-								
9/14/2020	Mid-Flood	Sunny	Moderate	C			Bottom	2	8.8	26.5	7.6	68.4	4.51	-	33.94	-	3.1	-	2.6	-	<0.02	-	0.35	-	<0.05	-	0.01	-	2.2	-	6*	-								
9/14/2020	Mid-Flood	Sunny	Moderate	N2	16:18	5.6	Surface	1	1.0	28.5	8.0	140.2	9.07	9.08	32.89	33.11	1.9	2.0	3.2	3.8	<0.02	<0.02	0.31	0.31	<0.05	<0.05	0.01	0.01	2.6	2.6	6*	9								
9/14/2020	Mid-Flood	Sunny	Moderate	N2			Surface	2	1.0	28.5	8.0	140.1	9.08	-	32.82	-	2.0	-	3.5	-	<0.02	-	0.31	-	<0.05	-	0.01	-	2.4	-	3*	-								
9/14/2020	Mid-Flood	Sunny	Moderate	N2			Bottom	1	4.6	27.1	7.9	109.0	7.15	7.13	33.33	-	2.0	-	4.4	-	<0.02	-	0.31	-	<0.05	-	0.01	-	2.6	-	13	-								
9/14/2020	Mid-Flood	Sunny	Moderate	N2			Bottom	2	4.6	27.1	7.8	108.3	7.10	-	33.38	-	2.1	-	4.0	-	<0.02	-	0.32	-	<0.05	-	0.01	-	2.7	-	12	-								
9/14/2020	Mid-Flood	Sunny	Moderate	FCZ1B	16:33	4.9	Surface	1	1.0	28.7	7.9	141.3	9.16	9.15	31.98	32.43	1.7	1.9	3.8	4.6	<0.02	<0.02	0.37	0.36	<0.05	<0.05	0.02	0.02	2.9	2.8	2*	2								
9/14/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Surface	2	1.0	28.8	7.9	141.2	9.13	-	31.95	-	1.9	-	3.7	-	<0.02	-	0.37	-	<0.05	-	0.02	-	2.8	-	2*	-								
9/14/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Bottom	1	3.9	28.2	7.8	103.3	6.66	6.64	32.91	-	2.1	-	5.3	-	<0.02	-	0.34	-	<0.05	-	0.02	-	2.6	-	1*	-								
9/14/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Bottom	2	3.9	28.2	7.8	102.5	6.61	-	32.89	-	2																							

1-year Operation of TSTP - Marine Water Quality Monitoring Results on 16-Sep-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
9/16/2020	Mid-Ebb	Sunny	Moderate	C	10:33	9.2	Surface	1	1.0	27.5	7.9	103.6	6.79	6.7	32.06	33.28	2.5	2.5	3.9	3.7	<0.02	0.02	0.30	0.30	<0.05	<0.05	0.02	0.02	1.0	1.0	69	75
9/16/2020	Mid-Ebb	Sunny	Moderate	C			Surface	2	1.0	27.5	7.9	102.8	6.73	-	32.15	-	2.4	-	4.1	-	<0.02	-	0.30	-	<0.05	-	0.02	-	<1.0	-	81	-
9/16/2020	Mid-Ebb	Sunny	Moderate	C			Middle	1	4.6	27.5	7.8	102.2	6.69	-	33.76	-	2.5	-	3.7	-	0.02	-	0.30	-	<0.05	-	0.02	-	<1.0	-	87	-
9/16/2020	Mid-Ebb	Sunny	Moderate	C			Middle	2	4.6	27.4	7.9	102.5	6.72	-	33.61	-	2.6	-	4.0	-	<0.02	-	0.31	-	<0.05	-	0.02	-	<1.0	-	83	-
9/16/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	1	8.2	27.3	7.9	94.9	6.21	6.2	34.02	-	2.6	-	3.4	-	0.02	-	0.30	-	<0.05	-	0.02	-	1.1	-	75	-
9/16/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	2	8.2	27.3	7.7	93.9	6.15	-	34.05	-	2.5	-	3.2	-	0.02	-	0.30	-	<0.05	-	0.02	-	<1.0	-	57	-
9/16/2020	Mid-Ebb	Sunny	Moderate	N1	10:53	6.4	Surface	1	1.0	27.6	7.9	106.1	7.01	7.1	32.02	33.20	2.6	2.6	2.8	2.3	0.02	0.02	0.31	0.31	<0.05	<0.05	0.02	0.02	<1.0	1.2	82	73
9/16/2020	Mid-Ebb	Sunny	Moderate	N1			Surface	2	1.0	27.5	7.9	111.5	7.36	-	32.13	-	2.6	-	2.6	-	<0.02	-	0.30	-	<0.05	-	0.02	-	1.2	-	74	-
9/16/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	1	3.2	27.4	7.9	105.7	6.92	-	33.73	-	2.5	-	2.5	-	<0.02	-	0.32	-	<0.05	-	0.02	-	1.1	-	82	-
9/16/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	2	3.2	27.4	7.9	105.4	6.96	-	33.23	-	2.5	-	2.3	-	<0.02	-	0.33	-	<0.05	-	0.02	-	1.2	-	78	-
9/16/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	1	5.4	27.4	7.9	97.5	6.41	6.5	33.99	-	2.6	-	1.6	-	<0.02	-	0.29	-	<0.05	-	0.02	-	<1.0	-	66	-
9/16/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	2	5.4	27.3	7.9	99.6	6.57	-	34.09	-	2.5	-	1.9	-	<0.02	-	0.32	-	<0.05	-	0.02	-	1.4	-	57	-
9/16/2020	Mid-Ebb	Sunny	Moderate	FCZ1B	11:11	4.8	Surface	1	1.0	27.3	7.9	103.6	6.95	6.8	31.37	32.41	2.3	2.3	2.7	3.0	0.05	0.05	0.43	0.42	0.12	0.12	0.02	0.02	1.3	1.3	95	106
9/16/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Surface	2	1.0	27.4	7.9	101.8	6.66	-	31.33	-	2.4	-	2.9	-	0.05	-	0.42	-	0.13	-	0.02	-	1.5	-	87	-
9/16/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	1	3.8	27.6	7.9	92.3	6.03	6.2	33.64	-	2.3	-	3.2	-	0.05	-	0.42	-	0.12	-	0.03	-	1.4	-	110	-
9/16/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	2	3.8	27.6	7.9	93.8	6.26	-	33.30	-	2.3	-	3.3	-	0.05	-	0.42	-	0.12	-	0.02	-	<1.0	-	130	-
9/16/2020	Mid-Ebb	Sunny	Moderate	H4A	11:24	1.8	Middle	1	0.9	27.4	7.9	98.8	6.71	-	31.23	31.22	1.9	1.9	5.3	5.2	0.04	0.04	0.41	0.42	0.09	0.10	0.03	0.03	1.3	1.2	50	65
9/16/2020	Mid-Ebb	Sunny	Moderate	H4A			Middle	2	0.9	27.4	7.9	99.5	6.75	-	31.21	-	1.9	-	5.1	-	0.04	-	0.43	-	0.1	-	0.03	-	1.0	-	80	-
9/16/2020	Mid-Ebb	Sunny	Moderate	H1A	11:29	0.8	Middle	1	0.4	27.2	7.9	100.3	6.69	6.7	31.25	31.32	1.8	1.8	4.8	4.7	0.05	0.05	0.40	0.41	0.12	0.11	0.03	0.03	<1.0	1.2	100	110
9/16/2020	Mid-Ebb	Sunny	Moderate	H1A			Middle	2	0.4	27.2	7.9	101.7	6.77	-	31.39	-	1.8	-	4.5	-	0.04	-	0.41	-	0.1	-	0.03	-	1.3	-	120	-
9/16/2020	Mid-Ebb	Sunny	Moderate	M1A	11:40	0.6	Middle	1	0.3	27.2	7.9	102.9	6.84	6.9	31.43	31.40	1.5	1.5	3.6	3.7	0.04	0.04	0.39	0.40	0.1	0.10	0.03	0.03	<1.0	1.1	100	103
9/16/2020	Mid-Ebb	Sunny	Moderate	M1A			Middle	2	0.3	27.2	7.9	103.4	6.89	-	31.37	-	1.5	-	3.8	-	0.04	-	0.40	-	0.1	-	0.03	-	1.2	-	105	-
9/16/2020	Mid-Ebb	Sunny	Moderate	SGA	11:50	0.8	Middle	1	0.4	27.2	7.9	104.9	6.99	7.0	31.33	31.34	1.8	1.9	4.7	4.6	0.04	0.05	0.42	0.42	0.11	0.12	0.03	0.03	1.3	1.3	85	90
9/16/2020	Mid-Ebb	Sunny	Moderate	SGA			Middle	2	0.4	27.2	8.0	105.0	7.00	-	31.34	-	1.9	-	4.5	-	0.05	-	0.42	-	0.12	-	0.03	-	1.3	-	95	-

DA - Depth-averaged
 ND - Not Detected
 * denoted the estimated count

1-year Operation of TSTP - Marine Water Quality Monitoring Results on 18-Sep-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
9/18/2020	Mid-Ebb	Cloudy	Moderate	C	11:51	9.2	Surface	1	1.0	27.4	8.0	99.6	6.60	6.4	31.87	32.64	2.3	2.4	2.8	2.6	<0.02	<0.02	0.34	0.33	<0.05	<0.05	0.02	0.02	1.2	1.3	32	26
9/18/2020	Mid-Ebb	Cloudy	Moderate	C			Surface	2	1.0	27.5	8.0	97.9	6.48	-	31.66	-	2.3	-	3.2	-	<0.02	-	0.34	-	<0.05	-	0.02	-	1.5	-	27	-
9/18/2020	Mid-Ebb	Cloudy	Moderate	C			Middle	1	4.6	27.3	8.0	96.7	6.37	-	32.96	-	2.3	-	2.7	-	<0.02	-	0.32	-	<0.05	-	0.02	-	<1.3	-	26	-
9/18/2020	Mid-Ebb	Cloudy	Moderate	C			Middle	2	4.6	27.3	8.0	95.2	6.27	-	32.90	-	2.4	-	2.6	-	<0.02	-	0.34	-	<0.05	-	0.02	-	1.5	-	30	-
9/18/2020	Mid-Ebb	Cloudy	Moderate	C			Bottom	1	8.2	27.3	8.0	93.0	6.14	6.2	33.22	-	2.5	-	2.1	-	<0.02	-	0.32	-	<0.05	-	0.02	-	1.2	-	19	-
9/18/2020	Mid-Ebb	Cloudy	Moderate	C			Bottom	2	8.2	27.3	8.0	94.2	6.21	-	33.23	-	2.5	-	2.3	-	<0.02	-	0.34	-	<0.05	-	0.02	-	1.3	-	22	-
9/18/2020	Mid-Ebb	Cloudy	Moderate	N1	12:13	6.2	Surface	1	1.0	27.5	8.0	102.8	6.81	6.8	31.49	32.30	1.8	1.9	2.9	3.2	<0.02	<0.02	0.33	0.32	<0.05	<0.05	0.02	0.02	1.2	1.4	35	25
9/18/2020	Mid-Ebb	Cloudy	Moderate	N1			Surface	2	1.0	27.6	8.0	105.5	6.99	-	31.50	-	1.9	-	2.7	-	<0.02	-	0.32	-	<0.05	-	0.02	-	1.1	-	29	-
9/18/2020	Mid-Ebb	Cloudy	Moderate	N1			Middle	1	3.1	27.3	8.0	101.4	6.69	-	32.56	-	1.9	-	2.8	-	<0.02	-	0.30	-	<0.05	-	0.02	-	1.2	-	25	-
9/18/2020	Mid-Ebb	Cloudy	Moderate	N1			Middle	2	3.1	27.3	8.0	101.7	6.71	-	32.48	-	1.8	-	3.2	-	<0.02	-	0.33	-	<0.05	-	0.02	-	2.2	-	22	-
9/18/2020	Mid-Ebb	Cloudy	Moderate	N1			Bottom	1	5.2	27.3	8.0	100.4	6.63	6.7	32.91	-	1.9	-	3.7	-	<0.02	-	0.33	-	<0.05	-	0.02	-	1.3	-	21	-
9/18/2020	Mid-Ebb	Cloudy	Moderate	N1			Bottom	2	5.2	27.2	8.0	101.1	6.69	-	32.88	-	1.9	-	3.6	-	<0.02	-	0.32	-	<0.05	-	0.02	-	1.4	-	20	-
9/18/2020	Mid-Ebb	Cloudy	Moderate	FCZ1B	12:34	4.6	Surface	1	1.0	27.5	8.0	95.9	6.42	6.5	31.15	31.80	1.8	1.9	3.6	3.0	<0.02	<0.02	0.36	0.35	<0.05	<0.05	0.02	0.02	1.4	1.4	32	40
9/18/2020	Mid-Ebb	Cloudy	Moderate	FCZ1B			Surface	2	1.0	27.3	8.0	98.8	6.50	-	31.11	-	1.9	-	3.2	-	<0.02	-	0.34	-	<0.05	-	0.02	-	1.3	-	32	-
9/18/2020	Mid-Ebb	Cloudy	Moderate	FCZ1B			Bottom	1	3.6	27.6	8.0	100.8	6.63	6.6																		

1-year Operation of TSTP - Marine Water Quality Monitoring Results on 21-Sep-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
9/21/2020	Mid-Ebb	Rainy	Moderate	C	13:40	9.6	Surface	1	1.0	28.0	7.9	91.8	6.02	5.7	31.94	33.30	0.6	1.4	3.2	2.8	<0.02	<0.02	0.34	0.35	<0.05	0.05	0.02	0.02	1.5	1.3	3*	2
9/21/2020	Mid-Ebb	Rainy	Moderate	C			Surface	2	1.0	28.0	7.9	92.3	6.05	-	31.93	-	0.5	-	3.0	-	<0.02	-	0.33	-	<0.05	-	0.02	-	1.3	-	4*	-
9/21/2020	Mid-Ebb	Rainy	Moderate	C			Middle	1	4.8	27.6	7.9	82.1	5.38	-	33.63	-	1.6	-	3.0	-	<0.02	-	0.35	-	0.05	-	0.02	-	<1.0	-	NOT DETECTED	-
9/21/2020	Mid-Ebb	Rainy	Moderate	C			Middle	2	4.8	27.7	7.9	82.2	5.38	-	33.65	-	1.7	-	2.9	-	<0.02	-	0.37	-	<0.05	-	0.03	-	<1.0	-	2*	-
9/21/2020	Mid-Ebb	Rainy	Moderate	C			Bottom	1	8.6	27.1	7.8	77.7	5.11	5.1	34.35	-	1.9	-	2.4	-	<0.02	-	0.38	-	0.05	-	0.03	-	1.6	-	2*	-
9/21/2020	Mid-Ebb	Rainy	Moderate	C			Bottom	2	8.6	27.1	7.8	78.3	5.15	-	34.32	-	2.0	-	2.4	-	<0.02	-	0.34	-	<0.05	-	0.02	-	1.6	-	2*	-
9/21/2020	Mid-Ebb	Rainy	Moderate	N1	14:01	6.4	Surface	1	1.0	28.0	7.9	88.2	5.79	5.6	31.97	33.05	0.8	1.2	2.4	3.0	<0.02	<0.02	0.35	0.35	0.05	0.05	0.03	0.02	1.5	1.5	2*	4
9/21/2020	Mid-Ebb	Rainy	Moderate	N1			Surface	2	1.0	28.0	7.9	88.2	5.78	-	31.93	-	0.7	-	2.6	-	<0.02	-	0.34	-	<0.05	-	0.02	-	1.4	-	1*	-
9/21/2020	Mid-Ebb	Rainy	Moderate	N1			Middle	1	3.2	27.7	7.9	83.4	5.46	-	33.12	-	1.3	-	2.9	-	<0.02	-	0.36	-	0.05	-	0.03	-	1.5	-	6*	-
9/21/2020	Mid-Ebb	Rainy	Moderate	N1			Middle	2	3.2	27.7	7.9	82.9	5.43	-	33.25	-	1.2	-	3.2	-	<0.02	-	0.36	-	<0.05	-	0.02	-	1.6	-	6*	-
9/21/2020	Mid-Ebb	Rainy	Moderate	N1			Bottom	1	5.4	27.1	7.9	79.7	5.24	5.3	34.02	-	1.8	-	3.5	-	<0.02	-	0.33	-	<0.05	-	0.02	-	1.6	-	2*	-
9/21/2020	Mid-Ebb	Rainy	Moderate	N1			Bottom	2	5.4	27.1	7.9	80.0	5.25	-	34.02	-	1.6	-	3.6	-	<0.02	-	0.33	-	<0.05	-	0.02	-	1.4	-	4*	-
9/21/2020	Mid-Ebb	Rainy	Moderate	FCZ1B	14:23	4.8	Surface	1	1.0	28.1	8.0	100.4	6.69	6.7	31.33	32.35	0.7	1.0	3.5	4.2	<0.02	<0.02	0.42	0.41	0.08	0.07	0.02	0.02	2.0	2.0	39	50
9/21/2020	Mid-Ebb	Rainy	Moderate	FCZ1B			Surface	2	1.0	28.1	8.0	100.0	6.65	-	31.36	-	0.6	-	3.9	-	<0.02	-	0.41	-	0.07	-	0.02	-	1.9	-	51	-
9/21/2020	Mid-Ebb	Rainy	Moderate	FCZ1B			Bottom	1	3.8	27.5	7.8	80.0	5.25	5.3	33.35	-	1.3	-	4.8	-	<0.02	-	0.39	-	0.07	-	0.02	-	2.1	-	53	-
9/21/2020	Mid-Ebb	Rainy	Moderate	FCZ1B			Bottom	2	3.8	27.5	7.8	80.0	5.24	-	33.35	-	1.5	-	4.5	-	<0.02	-	0.42	-	0.07	-	0.02	-	2.0	-	57	-
9/21/2020	Mid-Ebb	Rainy	Moderate	H4A	14:35	1.8	Middle	1	0.9	28.2	8.0	109.0	7.34	-	30.67	30.68	2.6	2.6	4.9	5.1	<0.02	<0.02	0.39	0.39	0.06	0.06	0.03	0.03	1.6	1.6	58	61
9/21/2020	Mid-Ebb	Rainy	Moderate	H4A			Middle	2	0.9	28.2	8.0	107.4	7.30	-	30.68	-	2.8	-	5.3	-	<0.02	-	0.39	-	0.06	-	0.03	-	1.6	-	64	-
9/21/2020	Mid-Ebb	Rainy	Moderate	H1A	14:47	0.8	Middle	1	0.4	28.1	7.9	107.1	7.27	7.3	30.77	30.77	2.5	2.5	4.5	4.4	<0.02	<0.02	0.40	0.39	0.06	0.06	0.03	0.03	1.7	1.8	80	78
9/21/2020	Mid-Ebb	Rainy	Moderate	H1A			Middle	2	0.4	28.1	7.9	107.4	7.29	-	30.76	-	2.5	-	4.3	-	<0.02	-	0.37	-	0.05	-	0.02	-	1.8	-	75	-
9/21/2020	Mid-Ebb	Rainy	Moderate	M1A	14:58	0.6	Middle	1	0.3	28.1	7.9	105.7	7.17	7.2	30.82	30.82	2.4	2.5	6.2	6.1	<0.02	<0.02	0.40	0.39	0.05	0.06	0.03	0.03	1.6	1.6	96	88
9/21/2020	Mid-Ebb	Rainy	Moderate	M1A			Middle	2	0.3	28.1	7.9	105.6	7.17	-	30.82	-	2.5	-	5.9	-	<0.02	-	0.38	-	0.06	-	0.03	-	1.6	-	80	-
9/21/2020	Mid-Ebb	Rainy	Moderate	SGA	15:09	0.6	Middle	1	0.3	28.1	8.0	103.8	7.05	7.1	30.91	30.91	2.6	2.7	5.8	6.0	<0.02	<0.02	0.38	0.39	0.05	0.06	0.03	0.03	1.9	1.9	71	74
9/21/2020	Mid-Ebb	Rainy	Moderate	SGA			Middle	2	0.3	28.1	8.0	103.7	7.04	-	30.91	-	2.7	-	6.1	-	<0.02	-	0.39	-	0.07	-	0.03	-	1.9	-	77	-

DA - Depth-averaged
 ND - Not Detected
 * denoted the estimated count

1-year Operation of TSTP - Marine Water Quality Monitoring Results on 23-Sep-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
9/23/2020	Mid-Flood	Sunny	Moderate	C	10:33	9.4	Surface	1	1.0	28.4	7.6	86.8	6.01	6.13	31.72	32.65	2.2	2.4	2.7	2.3	<0.02	<0.02	0.34	0.36	0.08	0.07	0.02	0.02	1.1	1.2	1*	<1
9/23/2020	Mid-Flood	Sunny	Moderate	C			Surface	2	1.0	28.3	7.7	86.8	6.00	-	32.07	-	2.3	-	2.9	-	<0.02	-	0.35	-	0.07	-	0.02	-	1.1	-	NOT DETECTED	-
9/23/2020	Mid-Flood	Sunny	Moderate	C			Middle	1	4.7	28.0	7.6	86.5	6.34	-	32.57	-	2.4	-	2.2	-	<0.02	-	0.36	-	0.09	-	0.02	-	1.1	-	NOT DETECTED	-
9/23/2020	Mid-Flood	Sunny	Moderate	C			Middle	2	4.7	27.9	7.6	84.1	6.18	-	32.85	-	2.4	-	2.1	-	<0.02	-	0.37	-	0.07	-	0.02	-	1.2	-	1*	-
9/23/2020	Mid-Flood	Sunny	Moderate	C			Bottom	1	8.4	27.6	7.6	82.2	6.06	6.05	33.33	-	2.4	-	1.8	-	<0.02	-	0.36	-	0.06	-	0.02	-	1.3	-	1*	-
9/23/2020	Mid-Flood	Sunny	Moderate	C			Bottom	2	8.4	27.6	7.6	81.8	6.03	-	33.33	-	2.6	-	1.9	-	<0.02	-	0.36	-	0.07	-	0.02	-	1.1	-	NOT DETECTED	-
9/23/2020	Mid-Flood	Sunny	Moderate	N2	10:56	5.4	Surface	1	1.0	28.4	7.7	90.7	6.25	6.24	31.65	32.33	2.2	2.3	2.1	1.7	<0.02	<0.02	0.36	0.36	0.07	0.07	0.02	0.02	1.3	1.4	1*	1
9/23/2020	Mid-Flood	Sunny	Moderate	N2			Surface	2	1.0	28.4	7.8	90.4	6.23	-	31.77	-	2.3	-	2.2	-	<0.02	-	0.36	-	0.07	-	0.02	-	1.6	-	1*	-
9/23/2020	Mid-Flood	Sunny	Moderate	N2			Bottom	1	4.4	27.9	7.7	88.0	6.30	6.29	32.93	-	2.3	-	1.1	-	<0.02	-	0.38	-	0.07	-	0.02	-	1.4	-	2*	-
9/23/2020	Mid-Flood	Sunny	Moderate	N2			Bottom	2	4.4	27.9	7.7	87.6	6.28	-	32.98	-	2.3	-	1.2	-	<0.02	-	0.35	-	0.06	-	0.02	-	1.3	-	1*	-
9/23/2020	Mid-Flood	Sunny	Moderate	FCZ1B	11:21	4.9	Surface	1	1.0	28.3	8.0	97.8	6.73	6.58	31.68	32.53	1.8	1.9	1.6	1.8	<0.02	<0.02	0.36	0.36	0.07	0.07	0.02	0.02	1.6	1.4	NOT DETECTED	2
9/23/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Surface	2	1.0	28.1	8.0	93.1	6.42	-	32.37	-	1.8	-	1.9	-	<0.02	-	0.35	-	0.07	-	0.02	-	1.2	-	2*	-
9/23/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Bottom	1	3.9	27.7	7.9	93.5	6.46	6.53	33.09	-	1.9	-	1.9	-	<0.02	-	0.35	-	0.07	-	0.02	-	1.4	-	4*	-
9/23/2020	Mid-Flood	Sunny	Moderate	FCZ1B			Bottom	2	3.9	27.8	7.9	95.8	6.59	-	32.99	-	1.9	-	1.7	-	<0.02	-	0.39	-	0.07	-	0.02	-	1.3	-	3*	-
9/23/2020	Mid-Flood	Sunny	Moderate	H4A	11:47	1.8	Middle	1	0.9	28.3	7.9	95.1	6.55	6.49	32.08																	

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

25-Sep-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
9/25/2020	Mid-Ebb	Sunny	Moderate	C	7:31	9.3	Surface	1	1.0	27.9	7.8	82.7	6.31	6.2	30.50	31.28	2.9	3.7	4.2	5.8	<0.02	<0.02	0.32	0.34	<0.05	<0.05	0.02	0.02	1.6	1.6	3*	3
9/25/2020	Mid-Ebb	Sunny	Moderate	C			Surface	2	1.0	28.2	7.9	82.8	6.32	-	30.70	-	2.8	-	3.9	-	<0.02	-	0.36	-	<0.05	-	0.02	-	1.8	-	2*	-
9/25/2020	Mid-Ebb	Sunny	Moderate	C			Middle	1	4.7	27.3	7.8	82.0	6.05	-	31.38	-	3.9	-	6.0	-	<0.02	-	0.33	-	<0.05	-	0.02	-	1.6	-	5*	-
9/25/2020	Mid-Ebb	Sunny	Moderate	C			Middle	2	4.7	27.3	7.8	80.7	5.95	-	31.37	-	4.1	-	6.1	-	<0.02	-	0.33	-	<0.05	-	0.02	-	2.1	-	4*	-
9/25/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	1	8.3	27.3	7.8	80.7	5.97	5.9	31.83	-	4.2	-	7.2	-	<0.02	-	0.36	-	<0.05	-	0.02	-	1.3	-	1*	-
9/25/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	2	8.3	27.3	7.8	79.4	5.87	-	31.91	-	4.4	-	7.5	-	<0.02	-	0.31	-	<0.05	-	0.02	-	1.1	-	2*	-
9/25/2020	Mid-Ebb	Sunny	Moderate	N1	7:38	6.4	Surface	1	1.0	28.1	7.9	99.5	6.91	6.8	32.27	33.49	2.8	3.0	5.6	4.9	<0.02	<0.02	0.35	0.32	<0.05	<0.05	0.02	0.02	1.5	1.6	2*	2
9/25/2020	Mid-Ebb	Sunny	Moderate	N1			Surface	2	1.0	27.9	7.9	98.8	6.85	-	32.83	-	2.6	-	5.4	-	<0.02	-	0.33	-	<0.05	-	0.02	-	1.8	-	2*	-
9/25/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	1	3.2	27.4	7.9	97.4	6.77	-	33.90	-	2.8	-	4.2	-	<0.02	-	0.32	-	<0.05	-	0.02	-	1.8	-	2*	-
9/25/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	2	3.2	27.4	7.9	98.7	6.84	-	33.89	-	3.0	-	4.6	-	<0.02	-	0.31	-	<0.05	-	0.02	-	1.5	-	1*	-
9/25/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	1	5.4	27.3	7.9	86.6	6.36	6.4	34.02	-	3.3	-	4.9	-	<0.02	-	0.32	-	<0.05	-	0.02	-	1.7	-	2*	-
9/25/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	2	5.4	27.3	7.8	86.5	6.36	-	34.00	-	3.2	-	4.5	-	<0.02	-	0.31	-	<0.05	-	0.02	-	1.2	-	NOT DETECTED	-
9/25/2020	Mid-Ebb	Sunny	Moderate	FCZ1B	7:49	5.0	Surface	1	1.0	27.9	7.9	97.8	6.79	6.8	32.83	33.30	2.3	2.4	6.2	5.0	<0.02	<0.02	0.34	0.33	<0.05	<0.05	0.02	0.02	1.5	2.0	1*	1
9/25/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Surface	2	1.0	28.1	7.9	98.8	6.84	-	32.57	-	2.3	-	5.9	-	<0.02	-	0.31	-	<0.05	-	0.02	-	2.4	-	1*	-
9/25/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	1	4.0	27.4	7.9	87.5	6.37	6.5	33.86	-	2.5	-	3.9	-	<0.02	-	0.34	-	<0.05	-	0.02	-	2.3	-	1*	-
9/25/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	2	4.0	27.4	7.9	89.1	6.52	-	33.93	-	2.6	-	4.1	-	<0.02	-	0.33	-	<0.05	-	0.02	-	1.7	-	1*	-
9/25/2020	Mid-Ebb	Sunny	Moderate	H4A	7:56	1.6	Middle	1	0.8	28.1	8.0	103.3	7.18	-	32.28	32.20	2.6	2.7	3.8	4.0	<0.02	<0.02	0.39	0.39	<0.05	<0.05	0.02	0.02	2.3	2.1	5*	4
9/25/2020	Mid-Ebb	Sunny	Moderate	H4A			Middle	2	0.8	28.3	8.0	105.4	7.26	-	32.12	-	2.7	-	4.1	-	<0.02	-	0.39	-	<0.05	-	0.02	-	1.8	-	2*	-
9/25/2020	Mid-Ebb	Sunny	Moderate	H1A	8:06	1.0	Middle	1	0.5	28.2	8.0	107.2	7.38	7.4	34.01	34.02	2.9	2.9	6.1	6.0	<0.02	<0.02	0.38	0.38	<0.05	<0.05	0.02	0.02	1.7	2.1	4*	5
9/25/2020	Mid-Ebb	Sunny	Moderate	H1A			Middle	2	0.5	28.3	8.0	107.8	7.42	-	34.03	-	2.8	-	5.9	-	<0.02	-	0.37	-	<0.05	-	0.02	-	2.4	-	6*	-
9/25/2020	Mid-Ebb	Sunny	Moderate	M1A	8:15	1.0	Middle	1	0.5	28.2	8.0	105.2	7.30	7.3	34.01	33.48	2.9	3.0	5.7	5.6	<0.02	<0.02	0.39	0.38	<0.05	<0.05	0.02	0.02	1.8	1.8	5*	5
9/25/2020	Mid-Ebb	Sunny	Moderate	M1A			Middle	2	0.5	28.2	8.0	106.5	7.38	-	32.94	-	3.1	-	5.5	-	<0.02	-	0.36	-	<0.05	-	0.02	-	1.7	-	4*	-
9/25/2020	Mid-Ebb	Sunny	Moderate	SGA	8:25	0.8	Middle	1	0.4	28.1	8.0	105.5	7.50	7.7	33.99	33.29	2.7	2.7	3.8	3.9	<0.02	<0.02	0.37	0.37	<0.05	<0.05	0.02	0.02	1.5	1.6	4*	4
9/25/2020	Mid-Ebb	Sunny	Moderate	SGA			Middle	2	0.4	28.1	8.0	110.2	7.80	-	32.58	-	2.6	-	4.0	-	<0.02	-	0.37	-	<0.05	-	0.02	-	1.7	-	3*	-

DA - Depth-averaged

DO - Dissolved Oxygen

* denoted the estimated count

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

28-Sep-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
9/28/2020	Mid-Flood	Cloudy	Moderate	C	15:30	9.8	Surface	1	1.0	26.8	7.9	103.7	6.93	6.35	31.95	33.07	1.7	2.6	2.4	2.8	<0.02	<0.02	0.37	0.38	<0.05	<0.05	0.02	0.02	2	1.9	NOT DETECTED	<1
9/28/2020	Mid-Flood	Cloudy	Moderate	C			Surface	2	1.0	26.8	7.9	103.2	6.90	-	31.96	-	1.8	-	2.7	-	<0.02	-	0.37	-	<0.05	-	0.02	-	2.1	-	2*	-
9/28/2020	Mid-Flood	Cloudy	Moderate	C			Middle	1	4.9	27.2	7.8	87.3	5.74	-	33.52	-	2.8	-	2.3	-	<0.02	-	0.40	-	<0.05	-	0.02	-	2	-	1*	-
9/28/2020	Mid-Flood	Cloudy	Moderate	C			Middle	2	4.9	27.2	7.8	88.4	5.81	-	33.47	-	2.6	-	2.5	-	<0.02	-	0.37	-	<0.05	-	0.02	-	1.8	-	1*	-
9/28/2020	Mid-Flood	Cloudy	Moderate	C			Bottom	1	8.8	27.6	7.8	80.8	5.32	5.30	33.76	-	3.3	-	3.2	-	<0.02	-	0.37	-	<0.05	-	0.02	-	1.8	-	NOT DETECTED	-
9/28/2020	Mid-Flood	Cloudy	Moderate	C			Bottom	2	8.8	27.6	7.8	80.3	5.28	-	33.75	-	3.1	-	3.4	-	<0.02	-	0.38	-	<0.05	-	0.02	-	1.9	-	NOT DETECTED	-
9/28/2020	Mid-Flood	Cloudy	Moderate	N2	15:56	5.8	Surface	1	1.0	26.9	7.9	104.2	6.97	6.97	31.84	32.77	1.4	1.7	3.4	3.1	<0.02	<0.02	0.37	0.38	<0.05	<0.05	0.02	0.02	2.1	2.0	NOT DETECTED	<1
9/28/2020	Mid-Flood	Cloudy	Moderate	N2			Surface	2	1.0	26.9	7.9	104.3	6.97	-	31.83	-	1.3	-	3.2	-	<0.02	-	0.37	-	<0.05	-	0.02	-	2	-	2*	-
9/28/2020	Mid-Flood	Cloudy	Moderate	N2			Bottom	1	4.8	27.2	7.8	87.3	5.74	5.74	33.70	-	1.9	-	2.7	-	<0.02	-	0.36	-	<0.05	-	0.02	-	1.8	-	NOT DETECTED	-
9/28/2020	Mid-Flood	Cloudy	Moderate	N2			Bottom	2	4.8	27.2	7.8	87.3	5.74	-	33.69	-	2.1	-	3.1	-	<0.02	-	0.40	-	<0.05	-	0.02	-	2	-	NOT DETECTED	-
9/28/2020	Mid-Flood	Cloudy	Moderate	FCZ1B	16:12	4.8	Surface	1	1.0	26.6	7.9	104.8	7.07	7.07	31.21	32.36	1.0	1.3	1.7	2.6	<0.02	<0.02	0.37	0.36	<0.05	<0.05	0.02	0.02	1.1	1.1	NOT DETECTED	<1
9/28/2020	Mid-Flood	Cloudy	Moderate	FCZ1B			Surface	2	1.0	26.6	7.9	104.9	7.06	-	31.27	-	1.2	-	1.8	-	<0.02	-	0.38	-	<0.05	-	0.02	-	1	-	NOT DETECTED	-
9/28/2020	Mid-Flood	Cloudy	Moderate	FCZ1B			Bottom	1	3.8	27.3	7.8	84.0	5.51	5.50	33.47	-	1.5	-	3.5	-	<0.02	-	0.36	-	<0.05	-	0.02	-	1.2	-	NOT DETECTED	-
9/28/2020	Mid-Flood	Cloudy	Moderate	FCZ1B			Bottom	2	3.8	27.3	7.8	83.3	5.48	-	33.47	-	1.6	-	3.4	-	<0.02	-	0.34	-	<0.05	-	0.02	-				

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

30-Sep-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
9/30/2020	Mid-Ebb	Sunny	Moderate	C	10:33	9.4	Surface	1	1.0	27.1	7.9	92.8	6.12	5.9	33.45	33.75	2.4	2.6	2.0	2.7	<0.02	<0.02	0.40	0.38	0.06	0.06	0.02	0.02	1.8	1.4	1*	<1
9/30/2020	Mid-Ebb	Sunny	Moderate	C			Surface	2	1.0	27.2	7.8	91.7	6.05	-	33.27	-	2.5	-	2.1	-	<0.02	-	0.33	-	0.06	-	0.02	-	1.1	-	1*	-
9/30/2020	Mid-Ebb	Sunny	Moderate	C			Middle	1	4.7	27.0	7.8	85.0	5.60	-	33.94	-	2.5	-	2.6	-	<0.02	-	0.41	-	0.05	-	0.02	-	1.5	-	NOT DETECTED	-
9/30/2020	Mid-Ebb	Sunny	Moderate	C			Middle	2	4.7	27.0	7.7	86.2	5.68	-	33.94	-	2.5	-	2.4	-	<0.02	-	0.38	-	0.07	-	0.02	-	1.3	-	NOT DETECTED	-
9/30/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	1	8.4	27.0	7.8	76.8	5.13	5.2	33.96	-	2.7	-	3.4	-	<0.02	-	0.37	-	0.06	-	0.02	-	1.2	-	NOT DETECTED	-
9/30/2020	Mid-Ebb	Sunny	Moderate	C			Bottom	2	8.4	27.0	7.7	80.6	5.31	-	33.96	-	2.8	-	3.5	-	<0.02	-	0.37	-	0.06	-	0.02	-	1.6	-	NOT DETECTED	-
9/30/2020	Mid-Ebb	Sunny	Moderate	N1	10:49	6.3	Surface	1	1.0	27.1	7.9	93.2	6.18	5.9	32.33	33.55	2.6	2.7	2.7	2.4	<0.02	<0.02	0.38	0.39	0.07	0.06	0.02	0.02	1.6	1.5	1*	<1
9/30/2020	Mid-Ebb	Sunny	Moderate	N1			Surface	2	1.0	27.2	7.9	92.9	6.13	-	33.29	-	2.6	-	3.0	-	<0.02	-	0.40	-	0.07	-	0.02	-	1.4	-	NOT DETECTED	-
9/30/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	1	3.2	27.0	7.9	85.0	5.60	-	33.91	-	2.7	-	2.3	-	<0.02	-	0.36	-	0.06	-	0.02	-	1.5	-	NOT DETECTED	-
9/30/2020	Mid-Ebb	Sunny	Moderate	N1			Middle	2	3.2	27.1	7.9	84.9	5.55	-	33.91	-	2.8	-	2.4	-	<0.02	-	0.38	-	0.05	-	0.02	-	1.7	-	NOT DETECTED	-
9/30/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	1	5.3	27.0	7.9	79.5	5.25	5.2	33.94	-	2.6	-	2.1	-	<0.02	-	0.38	-	0.06	-	0.02	-	1.3	-	1*	-
9/30/2020	Mid-Ebb	Sunny	Moderate	N1			Bottom	2	5.3	27.0	7.9	79.3	5.22	-	33.92	-	2.7	-	2.1	-	<0.02	-	0.41	-	0.06	-	0.02	-	1.5	-	2*	-
9/30/2020	Mid-Ebb	Sunny	Moderate	FCZ1B	11:05	4.6	Surface	1	1.0	27.3	7.9	90.6	6.05	6.0	32.71	33.15	2.5	2.5	1.7	2.0	<0.02	<0.02	0.34	0.37	0.07	0.07	0.02	0.02	1.3	1.5	NOT DETECTED	<1
9/30/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Surface	2	1.0	27.3	7.9	89.9	6.00	-	32.60	-	2.4	-	1.6	-	<0.02	-	0.34	-	0.07	-	0.02	-	1.6	-	NOT DETECTED	-
9/30/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	1	3.6	27.2	7.9	90.0	6.00	6.0	33.53	-	2.5	-	2.5	-	<0.02	-	0.39	-	0.06	-	0.02	-	1.4	-	NOT DETECTED	-
9/30/2020	Mid-Ebb	Sunny	Moderate	FCZ1B			Bottom	2	3.6	27.1	7.8	90.5	6.05	-	33.76	-	2.5	-	2.2	-	<0.02	-	0.42	-	0.06	-	0.02	-	1.5	-	1*	-
9/30/2020	Mid-Ebb	Sunny	Moderate	H4A	11:16	1.6	Middle	1	0.8	27.6	7.9	96.8	6.39	6.3	31.86	31.94	1.6	1.7	3.4	3.5	<0.02	<0.02	0.42	0.42	0.07	0.07	0.02	0.02	1.5	1.6	1*	1
9/30/2020	Mid-Ebb	Sunny	Moderate	H4A			Middle	2	0.8	27.6	7.8	93.2	6.14	-	32.01	-	1.7	-	3.5	-	<0.02	<0.02	0.42	-	0.07	-	0.02	-	1.6	-	1*	-
9/30/2020	Mid-Ebb	Sunny	Moderate	H1A	11:25	1.0	Middle	1	0.5	27.6	7.8	92.2	6.09	6.1	31.77	31.77	2.1	2.2	3.3	3.4	<0.02	<0.02	0.42	0.43	0.07	0.07	0.02	0.02	1.7	1.6	1*	<1
9/30/2020	Mid-Ebb	Sunny	Moderate	H1A			Middle	2	0.5	27.6	7.8	92.0	6.07	-	31.76	-	2.2	-	3.4	-	<0.02	<0.02	0.43	-	0.07	-	0.02	-	1.5	-	NOT DETECTED	-
9/30/2020	Mid-Ebb	Sunny	Moderate	M1A	11:39	0.6	Middle	1	0.3	27.5	7.8	90.2	5.97	5.9	31.58	31.60	2.3	2.4	2.6	2.7	<0.02	<0.02	0.42	0.41	0.07	0.07	0.02	0.02	1.7	1.6	NOT DETECTED	ND
9/30/2020	Mid-Ebb	Sunny	Moderate	M1A			Middle	2	0.3	27.6	7.8	88.0	5.82	-	31.62	-	2.4	-	2.7	-	<0.02	<0.02	0.40	-	0.07	-	0.02	-	1.5	-	NOT DETECTED	-
9/30/2020	Mid-Ebb	Sunny	Moderate	SGA	11:51	0.8	Middle	1	0.4	27.6	7.8	92.5	6.10	6.0	31.79	31.81	2.3	2.3	2.4	2.5	<0.02	<0.02	0.44	0.44	0.07	0.07	0.02	0.02	1.5	1.7	1*	<1
9/30/2020	Mid-Ebb	Sunny	Moderate	SGA			Middle	2	0.4	27.6	7.8	90.4	5.96	-	31.83	-	2.3	-	2.6	-	<0.02	<0.02	0.44	-	0.07	-	0.02	-	1.8	-	NOT DETECTED	-

DA - Depth-averaged

DO - Dissolved Oxygen

* denoted the estimated count