2017 TRWA Sampling Results for Dissolved Oxygen (mg/l)				TARGET FOR CONCERN - LESS THAN 5.0 MG/L (or high values during blooms)							
Sample	**Site No.**	**River & Location Description**	**March***	**April**	**May**	**June**	**July**	**August**	**Sept.**	**Oct.**	**Nov.**
1	TNT-01	Taunton R. Br, Center St., Berkley	snow	10.2	9.42	7.4	7.71	8.4	8.29	8.36	10
2	TNT-02	Taunton R. Br, Plain St., Taunton	cancelled	9.84	9.33	7.22	7.07	7.73	8.86	8.59	10.18
3	BED-01/TNT-03	Taunton R., Rt 18, Bedford St., Bridgewater	cancelled	9.31	8.7	6.74	6.92	8.41	8.3	8.06	9.8
4	CHE-01/TNT-04	Taunton R. Br, Cherry St., Bridgewater	cancelled	9.65	9.58	7.51	7.57	7.74	8.89	8.05	10.7
5	ASO-01	Assonet R. Bridge, Rt 79	cancelled	11.23	10.64	8.33	8.26	8.08	9.31	9.52	10.25
6	SEG	Segregansett R. Br, Brook St. Dighton	cancelled	10.19	10.87	7.59	missing	6.49	**note 2**	7.33	10.88
7	BER-01	Chuckamucksett Brk. Br, Berkley St.	cancelled	11.2	11.49	8.36	6.92	7.34	10.67	9.37	10.64
8	TMR-01	Three Mile R. Br, Rt 138, Somerset Ave.	cancelled	11	10.78	8.46	8.23	7.27	8.01	8.42	10.73
9	TMR-02	Three Mile R. Br, Rt 44, Cohannet St.	cancelled	9.92	9.76	7.92	7.88	7.5	8.97	7.92	10.86
10	TMR-03	Three Mile R. Br, Crane St., Norton	cancelled	9.39	9.53	7.49	7.89	7.77	9.45	8.45	10.81
11	MIL-01	Mill R., Ingell St., Taunton	cancelled	11.15	10.23	8.17	**note 1**	7.49	8.88	8.36	10.59
12	MIL-02	Mill R., Washington St., Taunton	cancelled	11.19	10.31	8.22	8.22	7.88	9.68	8.96	10.59
13	MIL-03	Mill R., Whittendon St., Taunton	cancelled	11.36	10.2	8.34	8.34	7.89	9.51	9.04	10.58
14	FORGE	Forge R. Br, Rt 44, Raynham	cancelled	10.49	10.54	8.11	8.17	7.92	7.14	8.75	10.62
15	COT-01	Cotley R., Middleboro Ave, Taunton	cancelled	9.94	10.37	6.83	6.65	5.72	9.54	7.34	10.66
16	FBR-01	Furnace Brk., River St., E. Taunton	cancelled	10.49	10.73	7.98	8.05	7.74	10.02	9.15	10.68
17	TBR-01	Tomson Brk., Highstone St., E. Taunton	cancelled	6.62	7.57	**2.33**	**3.59**	**2.39**	**3.36**	**2.99**	8.07
18	TWH-01	Town R., Br, Hayward St., Bridgewater	cancelled	9.37	9.7	7.29	7.05	6.78	7.21	6.26	10.88
19	MAT-01	Matfield R., Br, High St., Bridgewater	cancelled	9.78	9.79	7.73	7.75	7.38	8.9	8.51	10.53
				Note 1 - Heavy rain and steep river bank made sampling unsafe.							
20	**Duplicate Samples**			**Note 2 - Not sampled due to lack of water.**							
March	BER-01	Chuckamucksett Brk. Br, Berkley St.	cancelled								
April	ASO-01	Assonet R. Bridge, Rt 79		11.21							
May	FORGE	Forge R. Br, Rt 44, Raynham			10.51						
June	TNT-02	Taunton R. Br, Plain St., Taunton				7.24					
July	TNT-01	Taunton R. Br, Center St., Berkley					7.17				
August	CHE-01/TNT-04	Taunton R. Br, Cherry St., Bridgewater						7.72			
Sept.	BED-01/TNT-03	Taunton R., Rt 18, Bedford St., Bridgewater							8.52		
Oct.	MAT-01	Matfield R., Br, High St., Bridgewater								8.43	
Nov.	TWH-01	Town R., Br, Hayward St., Bridgewater									10.94

2017 TRWA Sampling Results for Total Suspended Solids (mg/l)				TARGET FOR CONCERN - Unusually High or Non-typical Values							
Sample	**Site No.**	**River & Location Description**	**March***	**April**	**May**	**June**	**July**	**August****	**Sept.**	**Oct.**	**Nov.**
1	TNT-01	Taunton R. Br, Center St., Berkley	snow	4.5	5.75	2.5	4	**	6.75	6.5	**12.25**
2	TNT-02	Taunton R. Br, Plain St., Taunton	cancelled	7.75	5	4.25	4	**	4	8.5	3.5
3	BED-01/TNT-03	Taunton R., Rt 18, Bedford St., Bridgewater	cancelled	3	5.25	5	3.75	**	2.5	5	2.25
4	CHE-01/TNT-04	Taunton R. Br, Cherry St., Bridgewater	cancelled	3.25	6	9.75	7.25	**	4.75	4.5	2.5
5	ASO-01	Assonet R. Bridge, Rt 79	cancelled	0.75	2.75	3	4	**	7.5	70 (?)	0.75
6	SEG	Segregansett R. Br, Brook St. Dighton	cancelled	1.75	2.75	3.5	missing	**	**note 2**	5.25	1.75
7	BER-01	Chuckamucksett Brk. Br, Berkley St.	cancelled	5	6.5	3.5	4	**	19.75 (?)	4	5.75
8	TMR-01	Three Mile R. Br, Rt 138, Somerset Ave.	cancelled	2	4.25	4	2	**	1.75	3.25	3.5
9	TMR-02	Three Mile R. Br, Rt 44, Cohannet St.	cancelled	0.75	1.5	2.5	2.75	**	1	3.5	1.75
10	TMR-03	Three Mile R. Br, Crane St., Norton	cancelled	1	2.25	3	6	**	0.5	2.75	1.75
11	MIL-01	Mill R., Ingell St., Taunton	cancelled	8.25	**38**	6.75	**note 1**	**	2.75	6.25	3
12	MIL-02	Mill R., Washington St., Taunton	cancelled	5.5	6.3	3.25	8.25	**	1	1.5	2.25
13	MIL-03	Mill R., Whittendon St., Taunton	cancelled	3	5.25	5.25	4.75	**	1.5	2.5	1
14	FORGE	Forge R. Br, Rt 44, Raynham	cancelled	2.75	4.75	6.75	**16.25**	**	2.75	3	4.25
15	COT-01	Cotley R., Middleboro Ave, Taunton	cancelled	2.5	1.75	3.5	3.25	**	4.75	3.5	3.25
16	FBR-01	Furnace Brk., River St., E. Taunton	cancelled	3.75	4.75	5.5	4.75	**	0.5	2.25	2.25
17	TBR-01	Tomson Brk., Highstone St., E. Taunton	cancelled	1.25	2.75	3.75	3.25	**	4.25	7	1.25
18	TWH-01	Town R., Br, Hayward St., Bridgewater	cancelled	5.25	5.25	5.25	4	**	5.5	6.75	3.5
19	MAT-01	Matfield R., Br, High St., Bridgewater	cancelled	5.5	8.5	8	7.25	**	3.25	1.5	3.25
				Note 1 - Heavy rain and steep river bank made sampling unsafe.							
20	**Duplicate Samples**			**Note 2 - Not sampled due to lack of water.**							
March	BER-01	Chuckamucksett Brk. Br, Berkley St.	cancelled	**(?) - Sample had pine needles and floating debris.**							
April	ASO-01	Assonet R. Bridge, Rt 79		2.75							
May	FORGE	Forge R. Br, Rt 44, Raynham			5.5						
June	TNT-02	Taunton R. Br, Plain St., Taunton				4.5					
July	TNT-01	Taunton R. Br, Center St., Berkley					2.75				
August	CHE-01/TNT-04	Taunton R. Br, Cherry St., Bridgewater						**			
Sept.	BED-01/TNT-03	Taunton R., Rt 18, Bedford St., Bridgewater							3.25		
Oct.	MAT-01	Matfield R., Br, High St., Bridgewater								1.75	
Nov.	TWH-01	Town R., Br, Hayward St., Bridgewater									2.25

2017 TRWA Sampling Results for pH				TARGET FOR CONCERN - Outside Range 6.5 through 8.3 or 0.5 units from natural							
Sample	**Site No.**	**River & Location Description**	**March***	**April****	**May****	**June**	**July**	**August**	**Sept.**	**Oct.**	**Nov.**
1	TNT-01	Taunton R. Br, Center St., Berkley	snow	6.36	6.58	6.72	6.88	7.14	6.73	6.98	7.02
2	TNT-02	Taunton R. Br, Plain St., Taunton	cancelled	6.35	6.61	6.65	6.86	7.3	7.27	7.02	7.56
3	BED-01/TNT-03	Taunton R., Rt 18, Bedford St., Bridgewater	cancelled	5.98	6.3	6.36	5.78	6.95	6.78	6.89	6.45
4	CHE-01/TNT-04	Taunton R. Br, Cherry St., Bridgewater	cancelled	6.27	6.59	6.58	6.46	7.3	6.78	6.89	6.68
5	ASO-01	Assonet R. Bridge, Rt 79	cancelled	5.04	6.57	5.9	6.09	6.49	6.49	6.43	5.95
6	SEG	Segregansett R. Br, Brook St. Dighton	cancelled	5.96	6.23	**3.92 (?)**	missing	6.01	**note 2**	7.05	6.42
7	BER-01	Chuckamucksett Brk. Br, Berkley St.	cancelled	5.93	6.16	6.38	**2.13 (?)**	6.81	**2.04 (?)**	**2.59 (?)**	**2.02**
8	TMR-01	Three Mile R. Br, Rt 138, Somerset Ave.	cancelled	6.52	6.21	6.59	6.78	6.96	7.04	6.62	6.61
9	TMR-02	Three Mile R. Br, Rt 44, Cohannet St.	cancelled	6.37	6.27	6.68	6.89	7.09	6.95	6.85	6.74
10	TMR-03	Three Mile R. Br, Crane St., Norton	cancelled	6.39	6.58	6.7	7	7.12	6.57	6.86	6.7
11	MIL-01	Mill R., Ingell St., Taunton	cancelled	6.21	6.58	6.63	**note 1**	7.08	6.74	7.14	6.48
12	MIL-02	Mill R., Washington St., Taunton	cancelled	6.16	6.28	6.69	6.43	7.12	6.88	6.92	6.35
13	MIL-03	Mill R., Whittendon St., Taunton	cancelled	6.11	6.43	6.69	6.7	7.16	7.09	6.9	6.71
14	FORGE	Forge R. Br, Rt 44, Raynham	cancelled	5.84	**3.5**	6.77	6.4	6.39	6.72	6.85	6.96
15	COT-01	Cotley R., Middleboro Ave, Taunton	cancelled	5.95	6.24	6.67	6.63	6.99	6.6	6.53	6.61
16	FBR-01	Furnace Brk., River St., E. Taunton	cancelled	6.41	6.71	6.63	6.6	6.93	6.94	6.87	5.93
17	TBR-01	Tomson Brk., Highstone St., E. Taunton	cancelled	6.25	6.27	6.01	6.31	6.15	6.63	6.33	6.03
18	TWH-01	Town R., Br, Hayward St., Bridgewater	cancelled	5.56	6.47	5.96	5.2	6.16	4.27	**5.43**	**3.64**
19	MAT-01	Matfield R., Br, High St., Bridgewater	cancelled	5.93	6.24	5.83	4.65	6.88	6.35	7.29	5.47
				** Samples analized by Veolia Taunton lab using a calibrated pH meter.							
				Note 1 - Heavy rain and steep river bank made sampling unsafe.							
20	**Duplicate Samples**			**Note 2 - Not sampled due to lack of water.**							
March	BER-01	Chuckamucksett Brk. Br, Berkley St.	cancelled	**(?) - Sample had pine needles and floating debris.**							
April	ASO-01	Assonet R. Bridge, Rt 79		5.28							
May	FORGE	Forge R. Br, Rt 44, Raynham			**3.46**						
June	TNT-02	Taunton R. Br, Plain St., Taunton				6.6					
July	TNT-01	Taunton R. Br, Center St., Berkley					6.78				
August	CHE-01/TNT-04	Taunton R. Br, Cherry St., Bridgewater						7.4			
Sept.	BED-01/TNT-03	Taunton R., Rt 18, Bedford St., Bridgewater							6.76		
Oct.	MAT-01	Matfield R., Br, High St., Bridgewater								7.34	
Nov.	TWH-01	Town R., Br, Hayward St., Bridgewater									**3.1**

2017 TRWA Sampling Results for Temperature (Degrees C)				TARGET FOR CONCERN - Greater Than 28.3 C							
Sample	**Site No.**	**River & Location Description**	**March***	**April**	**May**	**June**	**July**	**August**	**Sept.**	**Oct.**	**Nov.**
1	TNT-01	Taunton R. Br, Center St., Berkley	snow	12	13.7	22	21.6	22.2	16.8	19.4	17.5
2	TNT-02	Taunton R. Br, Plain St., Taunton	cancelled	12	13.7	22.2	21.7	21.8	16.9	19.3	17.4
3	BED-01/TNT-03	Taunton R., Rt 18, Bedford St., Bridgewater	cancelled	14	13.3	22.7	21.7	21.9	17.6	19.5	18.3
4	CHE-01/TNT-04	Taunton R. Br, Cherry St., Bridgewater	cancelled	12	13	22.2	21.6	21.9	16.8	19.6	16.8
5	ASO-01	Assonet R. Bridge, Rt 79	cancelled	14	12.8	22.8	22.7	21.7	16.4	19.9	18
6	SEG	Segregansett R. Br, Brook St. Dighton	cancelled	14	11.1	22.4	missing	21.8	**note 2**	19.3	16.5
7	BER-01	Chuckamucksett Brk. Br, Berkley St.	cancelled	11	10.2	20.2	17.9	21.4	13.8	17.2	16.1
8	TMR-01	Three Mile R. Br, Rt 138, Somerset Ave.	cancelled	12	13.3	22	21.5	22	16.6	19.4	17.4
9	TMR-02	Three Mile R. Br, Rt 44, Cohannet St.	cancelled	11	12.5	22.1	21.6	22	16.1	18.7	16.6
10	TMR-03	Three Mile R. Br, Crane St., Norton	cancelled	11	11.7	21.2	19.9	21.8	15.2	18.8	16.7
11	MIL-01	Mill R., Ingell St., Taunton	cancelled	10	13.6	22.2	**note 1**	22.2	15.8	19.2	17.1
12	MIL-02	Mill R., Washington St., Taunton	cancelled	10	13.7	22.5	21.2	22.2	15.9	19.1	17.6
13	MIL-03	Mill R., Whittendon St., Taunton	cancelled	10	13.9	22.4	21.5	22.1	16.2	19.1	17.1
14	FORGE	Forge R. Br, Rt 44, Raynham	cancelled	10	11.6	21.5	20.4	21.9	16.8	19.3	16.8
15	COT-01	Cotley R., Middleboro Ave, Taunton	cancelled	10	11	22	20.6	22	16.2	19.6	16.8
16	FBR-01	Furnace Brk., River St., E. Taunton	cancelled	12	12.1	21.8	21.6	21.8	13.8	18.1	16.7
17	TBR-01	Tomson Brk., Highstone St., E. Taunton	cancelled	12	10.8	21.6	19.8	21.8	14.4	16.7	16.7
18	TWH-01	Town R., Br, Hayward St., Bridgewater	cancelled	10	13.6	22.3	20.7	22.2	15.9	19.6	16.6
19	MAT-01	Matfield R., Br, High St., Bridgewater	cancelled	9	15.2	20.3	20.5	22.2	16.1	19.6	16.6
				Note 1 - Heavy rain and steep river bank made sampling unsafe.							
20	**Duplicate Samples**			**Note 2 - Not sampled due to lack of water.**							
March	BER-01	Chuckamucksett Brk. Br, Berkley St.	cancelled	**(?) - Sample had pine needles and floating debris.**							
April	ASO-01	Assonet R. Bridge, Rt 79		14							
May	FORGE	Forge R. Br, Rt 44, Raynham			11.8						
June	TNT-02	Taunton R. Br, Plain St., Taunton				22.2					
July	TNT-01	Taunton R. Br, Center St., Berkley					21.5				
August	CHE-01/TNT-04	Taunton R. Br, Cherry St., Bridgewater						22			
Sept.	BED-01/TNT-03	Taunton R., Rt 18, Bedford St., Bridgewater							17.4		
Oct.	MAT-01	Matfield R., Br, High St., Bridgewater								19.6	
Nov.	TWH-01	Town R., Br, Hayward St., Bridgewater									16.5

Sample Analysis, Collection Method - Standard Operating Procedures (SOP) and Instream Target Values											
Samples	Veolia Taunton WWTF Lab		An EPA and MassDEP NPDES Regulated Facility Laboratory								
	http://www.veolianorthamerica.com/en/taunton-mass										
Samples	http://savethetaunton.org/wp/wp-content/uploads/2016/04/TRWA-Sampling-SOP-1-30-2017.pdf										
Sampling	https://www.google.com/maps/d/edit?mid=zhnIdTn8bGeU.kyo7mjqZ3YFQ&usp=sharing										
Water Quality Protection **Insteam Target Values**:											
	Dissolved Oxygen (DO)										
	Water Quality Target Value for Dissolved Oxygen is DO greater than 5.0 mg/l to meet Massachusetts Class B and SB										
		Water Quality Standards for warm water freshwater fisheries and SB marine waters.									
	Total Suspended Solids (TSS)										
	Total Suspended Solids (TSS) is a measure of particulates in the water. There is no Water Quality Standard for TSS.										
		We are looking for unusually high values that may indicate an erosion or poor stormwater management									
		problem upstream. High levels of TSS can smother aquatic life and destroy benthic habitat.									
	pH										
	The Water Quality Standard for pH in class B waters is 6.5 through 8.3 and not more than 0.5 units outside the natural range.										
		Wetlands, swamps, bogs, pine forest tend to have natural low pH. The field pH strips are primarily to identify									
		extremes of pH such as that caused by a spill of industrial waste. * Indicates samples analyized by Veolia Taunton									
		using a calibrated pH meter.									
	Temperature (Degrees C)										
	The Water Quality Standard for Temperature in class B waters is that it shall not exceed 28.3 C.										