

Appendix II. Results of Chlorophyll a, nutrient, and dissolved oxygen testing in the Mystic River watershed. Samples were collected 31 August and 7 September 2007 by teams of volunteers.

Site	Water Body	Sample #	Time	Chl a (ug/L)	Nitrate-Nitrite	TKN	Total P	Water Temp	DO (mg/L)	DO (%sat)	Sp. Cond
ARLRESE	Arl. Res.	AA50	15:50	18.7	0.1	0.48	0.03	27.2	10.74	135.4	443.2
BLNSE	Blacks Nook	AA36	11:27	18	0	0.74	0.05	24.7	6.52	78.5	158
BLPSE	Blair Pond	AA39	13:06	145	0.61	0.93	0.12	25.8	11.32	139.3	926
CLP002	Clay Pit Pond	AA38	12:36	47.2	0.16	1.1	0.07	25.5	9.61	117.8	955
ELPSEO	Ell Pond	AA59	13:45	44.4	0	1.2	0.109	27.8	4.55	58	521
FEP01	Fellesmere P.	AA60	14:46	141	0	2	0.19	28.7	7.68	99.5	631
HABSPE	Hall's Brook P.	AA35	8:53	2.49	0.37	5.6	0.05	21.4	6.1	69.1	975
HIPSE	Hill's Pond	AA55	12:40	7.16	0	0.75	0.04	25	6.09	73.7	499
HOPES	Horn Pond	AA41	14:20	8.56	0	0.35	0.01	26	8.15	100.7	544
HOPNWM	Horn Pond	AA42	13:46	12.9	0	0.5	0.04	28.8	9.97	129.2	561
HOPSEO	Horn Pond	AA43	12:55	4.2	0	0.36	0.02	26	7.84	96.8	558
LIFPSE	Little Fresh Pond	AA37	11:48	33.1	0	0.62	0.06	26.5	11.65	145	548
LIPOSE	Little Pond	AA54	11:48	67.4	0	1.5	0.15	23.3	9.24	108.7	1212
LMLMYR	Lower Mystic L.	AA52	11:20	7.51	0.5	0	0.01	22.6	8.35	96.8	684
MAR036	Malden R.	AA33	7:43	25.5	0.37	1.4	0.06	24.7	8.49	102.5	1534
MYR29S	Mystic R.	AA31	6:41	69.7	0.1	1.3	0.09	24.3	9.79	117.5	2182
MYR37S	Mystic R.	AA30	6:14	74.4	0	1.6	0.15	24.3	8.33	100	1791
MYR57S	Mystic R.	AA32	7:12	11.3	0.31	0.43	0.04	23.8	3.52	41.7	740
SPOTSE	Spot Pond	AA58	13:06	2.3	0	0.31	0.01	24.8	7.38	89.2	436
SPYBP	Spy Pond	AA57	12:16	5.26	0.16	0.5	0.01	26.3	9.35	116.4	1199
SPYSE	Spy Pond	AA53	12:15	15.2	0	0	0.03	23.6	8.26	97.6	1224
UMLDAM	Upper Mystic L.	AA49	15:07	4.69	0.57	0.93	0.01	26.7	7.33	91.6	632
UMLSBS	Upper Mystic L.	AA48	14:24	12.9	0.55	0.7	0.02	25.9	9.66	118.9	625
UMLSEA	Upper Mystic L.	AA47	13:54	4400	1.1	3.2	0.65	26.4	2.01	25	737
WEPOSB	Wedge Pond	AA46	13:00	38.6	0	5.2	0.39	26.8	7.01	87.8	577
WIPSEA	Winter Pond	AA44	14:57	12.6	0	0.58	0.04	29.2	6.29	82.1	374.1
WRPOB	Wright's Pond	AA34	8:15	2.81	0	0.56	0.02	24.1	7.92	94.5	617