

APRIL, 1999 P1d215 ? ? 900300 900401 900620 900010 ? ? P30208

SRWC Water Quality Monitoring Data, 1998

Site	date-monitc	date-fecal/n	fecals	tide	DO Time	D.O.	pH	air T	water T	turbidity	tide	flow	site name
SR 3	04/18	04/21	41		1355		6.4		12				3 Lake Quanr
SR 4	04/18	04/21			1210	10.6	7.5	17	13.25				3 Lynn Dam
SR 5	04/21	04/21			1100	9.1	7.75	21	9				1 Camp Nihai
SR 6	04/18	04/21	144		1105	8.8	7	10	11	0			2 Breakhart
SR 7	04/18	04/21	74		1048	9.2	7	14.5	10	5			4 Rte 1
SR 8	04/18	04/21	87		1400	13.1	7.5	12.5	11	15			3 Prankers
SR 9	04/18	04/21			1130	11.25	7.25	17.5	11.75				5 Iron Works
SR10	04/18	04/21			1300	8.9	7.75	20	10	7.5 high			3.5 Ella St
SRT2	04/21	04/21	51 ebb		710	8.5	7.5			7.5 mid-ebb			5 Boston St. f
SRT4	04/18	04/21	68		1200	11.6	7	15.5	12.5	15			2 Mill River
SRT6	04/26	04/21	99999		730	9.5	6.75		8	0			4 Shute Brool
SRT8	04/21	04/21	99999 mid ebb		655	9.45	6.5			10 mid-ebb			5 Strawberry l
SRT9	04/18	04/21	153 mid ebb		1215	11.5	8.5	18	8	mid			4 Point of Pin
SR 11	04/18	04/21											Rumney Ma
					1330	11	8.5	15	7	mid			4 Ballard St

high tide 4/21:3:54am (10.6), 4/18: 1:16AM (11.5),

24 rain Fecal monitoring=intermittent showers during previous day. Clear while sampling.

No flow over weir at Lake Q. with low water in river bed. Flow in both canal and river at Lynn dam. Broken pipe on golf green discharging water

Notes: Mill River flow negligible.

MAY 1999

Site	date-monitc	date-fecal/n	fecals	fecal tide	DO time	D.O.	pH	air T	water T	turbidity	tide	flow	site name
SR 2	05/18	05/19	999999		1415	9.5	6.8	19	20	4			3 Lake Quanr
SR 3	05/16	05/19	75		945	13.5	8.5	23.5	19.25	4			2 Lynn Dam
SR 4	05/16	05/19	999999		1440	8.6	8	21.5	16				3.5 Camp Nihai
SR 5		05/19	999999										Breakhart
SR 6	05/17	05/19	999999		1530	9	7.5	19	20	5			3 Rte 1
SR 7	05/16	05/19	999999		1200	8.8	7.25	16.5	14	10			3 Prankers
SR 8	05/16				1800	5.85	7.5	13	15.5				4 Iron Works
SR 9	05/16				1100	7.33	7.7	17	16	12.5			4 Ella St
SR10		05/19	999999										Boston St. f
SRT2	05/15	05/19	999999		1350	9.7	7.25	18	18	20			2 Mill River
SRT4	05/16	05/19	999999		1250	10.2	7.3	20	15	0			2 Shute Brool
SRT6		05/19	999999										Strawberry l
SRT8		05/19	999999		1200	8.8	8	17.5	17				4 Point of Pin
SRT9													Rumney Ma
SR 11	05/16				1136	11.25	8	22	13				5 Ballard St

high tide 5/19: 2:40am (11.2), 5/16: 12:03 am (10.5),

24 rain Some drizzle while sampling. Overcast, some drizzle through the night.

Notes: Monitor at Lynn dam saw blue 5-6 inch fish at base of Saugus River dam. Description fits blue back herring.

JUNE 1999

Site	date-monitc	date-fecal/n fecals	fecal tide	DO time	D.O.	pH	air T	water T	turbidity	tide	flow	site name
SR 2	06/18			1245	4.5	6.5	18.5	20	5			4 Lake Quanr
SR 3	06/20			930	10	7.6	22	23	10			1 Lynn Dam
SR 4	06/20			1030	6.2	7	17	14				3.5 Camp Nihai
SR 5	07/02			1405	5.45	6.75	23	22.5	5			3 Breakhart
SR 6	06/21			800	7.2	7.1	19	16	5			2 Rte 1
SR 7	06/20			1100	5.4	7.5	21	17	5			3 Prankers
SR 8	06/20			837	8	7.5	17.5	17				3 Iron Works
SR9	06/20			1200	6.4	7.3	24	22		5 low		4 Ella St
SR10												Boston St. E
SRT2	06/20			1300	8	7.25	23	18	20			1.8 Mill River
SRT4	06/20			1630	8.4	7.4	23	18	0			3 Shute Brool
SRT6	06/20			1615	6.25	7	25.5	22	0.5	high flood		3 Strawberry I
SRT8	06/20			1215	8.2	7.8	23	19.5		low		4 Point of Pin
SRT9												Rumney Ma
SR 11	06/19			1830	10	8	26	18.75		high		3 Ballard St
high tide												

24 rain

Notes: Fecal samples dropped off but Tech out sick. No bacteria results for this month

JULY 1999

Site	date-monitc	date-fecal/n fecals	Fecal tide	DO time	D.O.	pH	air T	water T	turbidity	tide	flow	site name
SR 2	07/18	07/21	100	No water	no water	no water		no water				0 Lake Quanr
SR 3	07/17	07/21	400	1035	9	7.75	34.5	30	20			1 Lynn Dam
SR 4	07/25	07/21	0	1100	3.6	6.25	21.5	20				4 Camp Nihai
SR 5	07/21	07/21	300	750	6.63	7	18	18	5			2 Breakhart
SR 6	07/19	07/21	300	1510	6.6	7.5	27	25	5			3 Rte 1
SR 7	07/18	07/21	800	1055	5.2	7.25	29	23.5	20			3 Prankers
SR 8	07/19	07/21	100	1215	7.4	7.5	27.5	23				3 Iron Works
SR9	07/18			1900	6.8	7.7	28	28	7.5	ebb		4 RR bridge
SR10		07/21	900 high ebb									Boston St. E
SRT2	07/18	07/21	600	915	5	7.25	27	23.5	15			1 Mill River
SRT4		07/21	200									Shute Brool
SRT6	07/18	07/21	800	1500	6.5	7.75	33	30	3			2 Strawberry I
SRT8	07/18	07/21	400 high ebb	1540	9.2	8.25	36	20		high		3 Point of Pin
SRT9		07/21										Rumney Ma
SR 11	07/18	07/21		1814	7.2	8	33	21		high ebb		2 Ballard St
high tide												

24 rain

Notes: Pennybrook/Crystal Brook at Marshalls fecal=1300

August 1999

Site	date-monit	date-fecal/h	fecals	fecal tide	D.O.	D.O. Time	pH	air T	water T	turbidity	tide	flow	site name
SR 2													Lake Quant
SR 3	08/29	08/18	300		5	845	6.9	25	25	5			1 Lynn Dam
SR 4		08/18	900										Camp Nihar
SR 5	08/23	08/18	400		7.75	1507	7.7	20	22	0			1.5 Breakhart
SR 6	08/16	08/18	800		7.8	1515	7.8	27.5	24	10			3 Rte 1
SR 7	08/15	08/18	300		5.2	1130	6.75	16	20	30			3 Prankers
SR 8	08/15	08/18	1300		6.2	1230	5.5	18.5	20.25				4 Iron Works
SR9	08/22				6.3	1030	7.6	19	22	5			2.5 Ella St
SR10		08/18	200										Boston St. E
SRT2	08/15	08/18	400		3	1030	6.25	16	20	60			3 Mill River
SRT4	08/15	08/18	700		7.25	1330	7.25	20	19	5			3.5 Shute Brook
SRT6	08/15	08/18	1600	mid	6.1	1700	7	19	22	5			4 Strawberry I
SRT8	08/15	08/18	400	mid	7	1650	8	17.75	18		low ebb		4 Point of Pin
SRT9													Rumney Ma
SR 11													Ballard St
high tide													

24 rain No rain, warm for fecal sample

Notes: road work at Lake Q-no access permitted. Crystal/Bennetts Brook at Marshalls=1500