

Data by Site 1996-2005

Nashua River Mainstem

Behind condos near confluence. DS of RR bridge.			Nashua, NH						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
NM0049	99202	F.C. (col/100 ml)	ND	30	90	155	840	1830	120
NM0049	99202	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	20
NM0049	99202	D.O. (mg/L)	9.7	3.1	6.6	5.7	5.8	7.3	4.6
NM0049	99202	Temp. (°C)	10.0	17.0	18.0	24.0	22.0	17.0	11.0
NM0049	99202	D.O. (% sat)	86.1	32.1	69.8	67.8	66.5	75.6	41.8
NM0049	99202	pH	6.9	6.7	7.1	7.0	7.0	7.0	7.0
NM0049	99202	Alk (mg/L)	21.0	23.0	43.0	39.0	48.0	23.0	25.0

Behind condos near confluence. DS of RR bridge.			Nashua, NH						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
NM0049	NM01	F. C. (col/100 ml)	890	ND	ND	160	ND	312	12
NM0049	NM01	E. coli (col/100 ml)	20	ND	ND	20	ND	20	10
NM0049	NM01	D.O. (mg/L)	8.9	4.3	6.6	6.8	ND	7.4	7.8
NM0049	NM01	Temp. (°C)	9.0	13.0	18.0	23.0	ND	17.0	12.0
NM0049	NM01	D.O. (% sat)	77.2	40.9	69.8	79.4	ND	76.7	72.5
NM0049	NM01	pH	6.6	6.6	6.8	7.0	ND	7.1	7.0
NM0049	NM01	Alk (mg/L)	17.3	22.9	19.2	28.1	ND	31.3	34.1

Behind condos near confluence. DS of RR bridge.			Nashua, NH						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
NM0049	NM01	F. C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM0049	NM01	E. coli (col/100 ml)	ND	100	ND	80	285	ND	ND
NM0049	NM01	D.O. (mg/L)	8.9	7.6	6.1	7.8	6.6	5.2	8.0
NM0049	NM01	Temp. (°C)	8	15	25	21	24	17	12
NM0049	NM01	D.O. (% sat)	75.2	75.4	74.0	87.6	78.6	53.9	74.4
NM0049	NM01	pH	6.8	7.1	7.1	7.2	7.2	7.2	7.1
NM0049	NM01	Alk (mg/L)	12.1	31.4	21.2	25.6	35.4	38.0	30.8

Behind condos near confluence. DS of RR bridge.			Nashua, NH						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
NM0049	NM01-03	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM0049	NM01-03	E. coli (col/100 ml)	ND	ND	ND	0	0	0	0
NM0049	NM01-03	D.O. (mg/L)	ND	ND	ND	6.70	3.90	5.70	6.40
NM0049	NM01-03	Temp (C)	ND	ND	ND	22	23	19	11
NM0049	NM01-03	D.O. (% sat)	ND	ND	ND	76.8	45.6	61.6	58.1
NM0049	NM01-03	pH	ND	ND	ND	ND	ND	7.05	6.92
NM0049	NM01-03	Alk (mg/L)	ND	ND	ND	ND	ND	22.8	26.8

About 800 ft. DS of Canal St bridge, east bank.			Nashua, NH						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
NM0110	NM01	F.C. (col/100 ml)	ND	250	ND	ND	ND	ND	ND
NM0110	NM01	E. coli (col/100 ml)	ND	ND	260	20	30	10	0
NM0110	NM01	D.O. (mg/L)	ND	8.7	6.2	6.1	6.6	6.8	8.1
NM0110	NM01	Temp. (°C)	ND	13	17	22	25	20	11
NM0110	NM01	D.O. (% sat)	ND	82.7	64.2	7.0	80.1	75.0	73.6
NM0110	NM01	pH	ND	6.75	6.85	7.2	7.18	7.1	6.7
NM0110	NM01	Alk (mg/L)	ND	11.2	18.9	30.9	41.4	47.5	34.1

Data by Site 1996-2005

About 800 ft. DS of Canal St bridge, east bank.			Nashua, NH						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
NM0110	NM01-03	F.C. (col/100 ml)	ND	ND	10	ND	ND	ND	ND
NM0110	NM01-03	E. coli (col/100 ml)	0	10	ND	ND	ND	ND	ND
NM0110	NM01-03	D.O. (mg/L)	7.80	8.30	6.80	ND	ND	ND	ND
NM0110	NM01-03	Temp (C)	10	13	19	ND	ND	ND	ND
NM0110	NM01-03	D.O. (% sat)	69.2	78.9	73.4	ND	ND	ND	ND
NM0110	NM01-03	pH	6.75	ND	6.30	ND	ND	ND	ND
NM0110	NM01-03	Alk (mg/L)	12.3	ND	11.8	ND	ND	ND	ND

Behind Area Agency at BAE parkinglot -144 Canal St			Nashua, NH						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NM0121	NM11-04	F.C. (col/100 ml)	NA	NA	NA	NA	NA	NA	NA
NM0121	NM11-05	E. coli (col/100 ml)	NA	200	200	72	>400	600	90
NM0121	NM11-04	D.O. (mg/L)	NA	7.5	6.3	6.9	6.8	7.4	7.6
NM0121	NM11-04	Temp (C)	NA	18.0	20.0	22.0	22.0	19.0	13.0
NM0121	NM11-04	D.O. (% sat)	NA	79.4	69.5	79.1	78.0	79.9	72.2
NM0121	NM11-04	pH	NA	6.39	6.24	6.43	6.37	7.38	6.39
NM0121	NM11-04	Alk (mg/L)	NA	19.6	19.6	NA	NA	NA	24.7

Behind Area Agency at BAE parkinglot -144 Canal S			Nashua, NH						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NM0121	NM11	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM0121	NM11	E. coli (col/100 ml)	0	4	0	0	20	0	ND
NM0121	NM11	D.O. (mg/L)	10.2	8.4	8.7	6.3	5.4	7.45	ND
NM0121	NM11	Temp (C)	8	15	19	24	22	22	ND
NM0121	NM11	D.O. (% sat)	86.2	83.4	94.0	74.4	61.9	85.4	ND
NM0121	NM11	pH	7.15	7.00	6.92	7.00	7.10	7.10	ND
NM0121	NM11	Alk (mg/L)	16.4	16.5	21.3	20.5	31.5	32.90	ND

Behind Sanders US of Canal St. bridge, north bank			Nashua, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM0136	43500.002.13 (2)	F.C. (col/100 ml)	724	148	ND	1436	40	20	60
NM0136	43500.002.13 (2)	E. coli (col/100 ml)	60	40	ND	1060	ND	ND	ND
NM0136	43500.002.13 (2)	D.O. (mg/L)	9.5	9.5	7.0	6.3	6.5	7.3	5.5
NM0136	43500.002.13 (2)	Temp (C)	8.0	13.0	22.0	24.0	22.0	20.0	11.0
NM0136	43500.002.13 (2)	D.O. (% sat)	80.0	90.0	80.0	82.0	74.5	77.1	49.9
NM0136	43500.002.13 (2)	pH	ND	6.8	6.7	6.9	7.0	6.9	6.7
NM0136	43500.002.13 (2)	Alk (mg/L)	16.0	20.0	31.0	22.0	37.0	42.0	38.0

Behind Sanders US of Canal St. bridge, north bank			Nashua, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM0136	43500.002.13	F.C. (col/100 ml)	166	167	140	40	210	194	1910
NM0136	43500.002.13	E. coli (col/100 ml)	100	ND	0	ND	10	40	ND
NM0136	43500.002.13	D.O. (mg/L)	11.5	9.5	8	10	10.5	10.5	9.5
NM0136	43500.002.13	Temp (C)	14	10	19	25	22	19	13
NM0136	43500.002.13	D.O. (% sat)	112	80	86	121	120	113	90
NM0136	43500.002.13	pH	6.9	6.75	6.6	7	7	7.1	6.8
NM0136	43500.002.13	Alk (mg/L)	21.5	13	15	31	38.5	41	21
NM0136	43500.002.13	BOD	2.09	ND	ND	ND	ND	ND	ND

Data by Site 1996-2005

Mine Falls Park US dam at boat ramp			Nashua, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM0875	43500.008.50	F.C. (col/100 ml)	440	24	ND	436	0	0	0
NM0875	43500.008.50	E. coli (col/100 ml)	40	0	ND	0	ND	0	ND
NM0875	43500.008.50	D.O. (mg/L)	10.5	9.3	9.5	11.8	8.0	8.8	8.5
NM0875	43500.008.50	Temp (C)	7.0	12.0	24.0	24.0	21.0	20.0	10.0
NM0875	43500.008.50	D.O. (% sat)	87.0	86.0	113.0	88.0	90.0	96.0	75.4
NM0875	43500.008.50	pH	ND	6.8	7.2	7.4	7.1	7.0	7.0
NM0875	43500.008.50	Alk (mg/L)	16.0	25.0	28.0	24.0	32.0	30.0	36.0

Mine Falls Park US dam at boat ramp			Nashua, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM0875	43500.008.50	F.C. (col/100 ml)	1345	288	260	120	20	7	530
NM0875	43500.008.50	E. coli (col/100 ml)	400	43	40	ND	0	0	ND
NM0875	43500.008.50	D.O. (mg/L)	10.5	7.5	9	9	9.5	10	7.5
NM0875	43500.008.50	Temp (C)	11	15	18	24	23	19	12
NM0875	43500.008.50	D.O. (% sat)	95	70	95	107	111	108	70
NM0875	43500.008.50	pH	6.9	6.6	6.8	7.2	7.1	7.5	6.85
NM0875	43500.008.50	Alk (mg/L)	22	14	16	30	28	39	23
NM0875	43500.008.50	BOD	1.97	ND	ND	ND	ND	ND	ND

Mine Falls Park US dam at boat ramp			Nashua, NH						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
NM0875	99201	F.C. (col/100 ml)	ND	0	3	5	20	ND	30
NM0875	99201	E. coli (col/100 ml)	40	ND	ND	ND	ND	ND	0
NM0875	99201	D.O. (mg/L)	9.6	7.1	5.8	7.1	3.2	3.1	4.8
NM0875	99201	Temp. (°C)	10.0	20.0	20.0	26.0	24.0	15.0	10.0
NM0875	99201	D.O. (% sat)	85.2	78.3	63.9	87.8	38.1	30.8	42.6
NM0875	99201	pH	7.0	7.2	7.1	7.6	7.1	6.5	7.0
NM0875	99201	Alk (mg/L)	19.0	22.0	32.0	37.0	49.0	24.0	25.0

Mine Falls Park US dam at boat ramp			Nashua, NH						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
NM0875	NM02	F. C. (col/100 ml)	1340	ND	ND	ND	ND	12	4
NM0875	NM02	E. coli (col/100 ml)	ND	20	ND	ND	ND	16	ND
NM0875	NM02	D.O. (mg/L)	9.1	7.5	5.6	6.0	ND	7.1	7.3
NM0875	NM02	Temp. (oC)	10.0	13.0	19.0	24.0	ND	16.0	12.0
NM0875	NM02	D.O. (% sat)	80.7	71.3	60.5	71.4	ND	72.1	67.8
NM0875	NM02	pH	6.6	6.7	6.9	7.3	ND	7.2	6.9
NM0875	NM02	Alk (mg/L)	17.8	22.0	19.2	28.4	ND	34.1	26.3

Mine Falls Park US dam at boat ramp			Nashua, NH						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
NM0875	NM02	F. C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM0875	NM02	E. coli (col/100 ml)	ND	60	ND	ND	ND	ND	ND
NM0875	NM02	D.O. (mg/L)	7.8	7.5	6.2	8.3	7.2	4.2	8.5
NM0875	NM02	Temp. (oC)	9	15	24	23	24	19	11
NM0875	NM02	D.O. (% sat)	67.5	74.5	73.8	97.0	85.7	45.4	77.2
NM0875	NM02	pH	6.7	7.1	7.2	7.6	7.1	7.1	7.1
NM0875	NM02	Alk (mg/L)	11.4	30.2	19.1	24.8	33.7	36.6	28.5

Data by Site 1996-2005

Mine Falls Park US dam at boat ramp			Nashua, NH						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
NM0875	NM02	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM0875	NM02	E. coli (col/100 ml)	ND	80	60	40	110	40	0
NM0875	NM02	D.O. (mg/L)	ND	7.7	6.5	7.1	3.9	6.4	6.9
NM0875	NM02	Temp. (°C)	ND	13	20	23	26	21	11
NM0875	NM02	D.O. (% sat)	ND	73.2	71.7	82.9	48.2	71.9	62.7
NM0875	NM02	pH	ND	6.7	6.9	7.3	7.18	7.65	6.9
NM0875	NM02	Alk (mg/L)	ND	10.5	19	23	42	50.4	32.5

Mine Falls Park US dam at boat ramp			Nashua, NH						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
NM0875	NM02-03	F.C. (col/100 ml)	ND	ND	0	ND	ND	ND	ND
NM0875	NM02-03	E. coli (col/100 ml)	0	0	ND	0	0	0	0
NM0875	NM02-03	D.O. (mg/L)	6.40	8.40	7.30	2.70	6.70	7.30	5.40
NM0875	NM02-03	Temp (C)	8	14	20	22	24	19	11
NM0875	NM02-03	D.O. (% sat)	54.1	81.6	80.5	31	79.8	78.8	49
NM0875	NM02-03	pH	6.55	ND	6.80	ND	ND	6.85	6.91
NM0875	NM02-03	Alk (mg/L)	25.5	ND	16.5	ND	ND	23.1	25.6

Mine Falls Park US dam at boat ramp.			Nashua, NH						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NM0875	NM02-04	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM0875	NM02-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM0875	NM02-04	D.O. (mg/L)	9.2	8.1	7.8	7.0	7.0	6.4	7.5
NM0875	NM02-04	Temp (C)	7.0	14.0	21.0	21.0	22.0	19.0	12.0
NM0875	NM02-04	D.O. (% sat)	75.8	78.7	87.6	78.7	80.3	69.1	69.7
NM0875	NM02-04	pH	6.04	6.37	6.41	6.42	6.10	7.23	6.26
NM0875	NM02-04	Alk (mg/L)	7.7	23.4	18.8	NA	NA	24.6	22.5

Mine Falls Park US dam at boat ramp			Nashua, NH						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NM0875	NM02	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM0875	NM02	E. coli (col/100 ml)	0	0	0	6	0	0	ND
NM0875	NM02	D.O. (mg/L)	9.5	9.4	9.0	7.7	4.4	6.40	ND
NM0875	NM02	Temp (C)	8	15	19	24	23	21	ND
NM0875	NM02	D.O. (% sat)	80.3	93.3	96.7	91.7	51.4	71.9	ND
NM0875	NM02	pH	6.80	7.09	6.85	7.30	7.02	7.15	ND
NM0875	NM02	Alk (mg/L)	16.4	16.2	20.7	19.5	29.9	32.20	ND

Hollis Crossing Condominium ramp. US Rt 111 bridge			Hollis, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM1562	43500.015.75 (1)	F.C. (col/100 ml)	1368	180	84	64	ND	ND	ND
NM1562	43500.015.75 (1)	E. coli (col/100 ml)	0	2	ND	0	ND	ND	ND
NM1562	43500.015.75 (1)	D.O. (mg/L)	10.5	9.0	8.3	8.5	ND	ND	ND
NM1562	43500.015.75 (1)	Temp (C)	8.5	13.0	23.0	24.0	ND	ND	ND
NM1562	43500.015.75 (1)	D.O. (% sat)	89.0	86.0	97.0	99.0	ND	ND	ND
NM1562	43500.015.75 (1)	pH	6.8	6.9	6.8	ND	ND	ND	ND
NM1562	43500.015.75 (1)	Alk (mg/L)	16.0	20.0	30.0	ND	ND	ND	ND

Data by Site 1996-2005

Rt 111 bridge in Hollis Depot (US1996, 99-01; DS 03-05)			Hollis, NH						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/14	7/19	8/16	9/20	10/18
NM1567	43500.015.0 (5.3)	F.C. (col/100 ml)	ND	ND	2010	121	13	1360	80
NM1567	43500.015.0 (5.3)	E. coli (col/100 ml)	ND	ND	0	ND	0	ND	20
NM1567	43500.015.0 (5.3)	D.O. (mg/L)	ND	ND	6.5	5.0	7.0	10.5	ND
NM1567	43500.015.0 (5.3)	Temp (C)	ND	ND	23.0	23.0	23.0	16.0	12.0
NM1567	43500.015.0 (5.3)	D.O. (% sat)	ND	ND	76.0	58.0	82.0	100.0	ND
NM1567	43500.015.0 (5.3)	pH	ND	ND	6.7	7.0	7.4	6.9	6.9
NM1567	43500.015.0 (5.3)	Alk (mg/L)	ND	ND	24.0	22.0	42.0	19.0	25.0
NM1567	43500.015.0 (5.3)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
NM1567	43500.015.0 (5.3)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

Rt 111 bridge in Hollis Depot (US1996, 99-01; DS 03-05)			Hollis, NH						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/21	9/18	10/16
NM1567	99704	F.C. (col/100 ml)	ND	ND	10	25	25	3410	35
NM1567	99704	E. coli (col/100 ml)	ND	ND	0	ND	ND	ND	0
NM1567	99704	D.O. (mg/L)	9.5	ND	7.2	5.8	1.9	7.2	7.3
NM1567	99704	Temp. (°C)	7.0	ND	21.0	26.0	22.0	17.0	11.0
NM1567	99704	D.O. (% sat)	78.4	ND	80.9	71.1	21.8	74.6	66.3
NM1567	99704	pH	6.9	ND	7.3	7.3	7.1	6.8	6.9
NM1567	99704	Alk (mg/L)	20.0	ND	36.0	38.0	47.0	15.0	25.0

Rt 111 bridge in Hollis Depot (US1996, 99-01; DS 03-05)			Hollis, NH						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
NM1567	NM03	F. C. (col/100 ml)	790	200	ND	90	ND	TNTC	28
NM1567	NM03	E. coli (col/100 ml)	40	60	40	ND	ND	100	50
NM1567	NM03	D.O. (mg/L)	9.7	8.8	7.2	6.0	1.8	6.1	8.6
NM1567	NM03	Temp. (°C)	10.0	14.0	19.0	23.0	20.0	18.0	12.0
NM1567	NM03	D.O. (% sat)	86.1	85.5	77.6	70.9	19.8	64.6	79.9
NM1567	NM03	pH	6.8	6.9	6.9	7.8	7.0	7.1	6.9
NM1567	NM03	Alk (mg/L)	15.1	20.6	18.9	28.2	23.2	30.7	23.2

Rt 111 bridge in Hollis Depot (US1996, 99-01; DS 03-05)			Hollis, NH						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
NM1567	NM03	F. C. (col/100 ml)	TNTC	320	ND	ND	30	10	ND
NM1567	NM03	E. coli (col/100 ml)	80	120	ND	ND	20	ND	ND
NM1567	NM03	D.O. (mg/L)	9.0	7.7	6.4	6.9	6.8	5.5	7.0
NM1567	NM03	Temp. (°C)	9	16.5	25	23	26	19	13
NM1567	NM03	D.O. (% sat)	78.0	79.0	77.7	80.6	84.5	59.4	66.5
NM1567	NM03	pH	6.9	7.0	7.2	7.2	7.2	7.2	7.2
NM1567	NM03	Alk (mg/L)	9.8	29.3	16.8	25.0	31.5	34.4	29.9

Rt 111 bridge in Hollis Depot (US1996, 99-01; DS 03-05)			Hollis, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
NM1567	NM03-03	F.C. (col/100 ml)	ND	ND	ND	0	0	0	0
NM1567	NM03-03	E. coli (col/100 ml)	0	0	0	ND	0	0	0
NM1567	NM03-03	D.O. (mg/L)	ND	8.00	6.70	6.30	6.90	6.10	7.90
NM1567	NM03-03	Temp (C)	ND	13	19	20	24	18.5	11.5
NM1567	NM03-03	D.O. (% sat)	ND	76	72.4	69.5	82.1	65.2	72.6
NM1567	NM03-03	pH	6.75	6.80	6.95	ND	7.09	7.00	6.88
NM1567	NM03-03	Alk (mg/L)	11.5	14.3	16.3	ND	18.2	21.8	20.6

Data by Site 1996-2005

Rt 111 bridge in Hollis Depot (US1996, 99-01; DS 03-05)			Hollis, NH						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NM1567	NM03-04	F.C. (col/100 ml)	NA	NA	NA	NA	NA	NA	NA
NM1567	NM03-04	E. coli (col/100 ml)	NA	200	600	52	200	20	70
NM1567	NM03-04	D.O. (mg/L)	NA	9.6	6.8	7.2	5.9	5.5	7.0
NM1567	NM03-04	Temp (C)	NA	19.0	21.5	21.0	22.5	20.0	14.0
NM1567	NM03-04	D.O. (% sat)	NA	103.7	78.0	80.9	68.9	60.6	68.0
NM1567	NM03-04	pH	NA	6.33	6.43	6.56	6.43	6.69	6.36
NM1567	NM03-04	Alk (mg/L)	NA	16.2	17.7	NA	NA	NA	NA

Rt 111 bridge in Hollis Depot (US1996, 99-01; DS 03-05)			Hollis, NH						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NM1567	NM03	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM1567	NM03	E. coli (col/100 ml)	0	0	0	0	28	0	124
NM1567	NM03	D.O. (mg/L)	10.2	9.0	8.0	6.3	3.9	6.40	8.70
NM1567	NM03	Temp (C)	10	15	18	24	22.5	20	14.5
NM1567	NM03	D.O. (% sat)	90.5	89.4	84.7	75.0	45.6	70.6	86.4
NM1567	NM03	pH	7.01	7.00	6.90	7.00	7.15	7.05	6.70
NM1567	NM03	Alk (mg/L)	15.0	18.2	19.3	20.5	24.8	31.00	13.75

127 Nashua Rd. 0.5 miles S of skyjumping airport.			Pepperell, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
NM1608	NM03	F.C. (col/100 ml)	ND	ND	730	ND	ND	ND	ND
NM1608	NM03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM1608	NM03	D.O. (mg/L)	ND	ND	5.6	ND	ND	ND	ND
NM1608	NM03	Temp. (°C)	ND	ND	16	ND	ND	ND	ND
NM1608	NM03	D.O. (% sat)	ND	ND	56.8	ND	ND	ND	ND
NM1608	NM03	pH	ND	ND	6.75	ND	ND	ND	ND
NM1608	NM03	Alk (mg/L)	ND	ND	18.3	ND	ND	ND	ND

Confluence of Reedy Meadow with Nashua. Walk in from Shawnee St.			Pepperell, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/21	9/18	10/16
NM1839	99703	F.C. (col/100 ml)	ND	ND	30	30	30	ND	ND
NM1839	99703	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM1839	99703	D.O. (mg/L)	ND	ND	5.4	4.1	3.1	8.1	ND
NM1839	99703	Temp. (°C)	ND	ND	11.0	11.0	10.0	16.0	ND
NM1839	99703	D.O. (% sat)	ND	ND	49.5	37.2	27.5	82.2	ND
NM1839	99703	pH	ND	ND	7.0	6.8	6.8	6.8	ND
NM1839	99703	Alk (mg/L)	ND	ND	53.0	51.0	53.0	24.5	ND

150 (75 in 99) yds US from Nissitissit confluence on opposite bank.			Pepperell, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/21	9/18	10/16
NM1864	99702	F.C. (col/100 ml)	ND	ND	ND	350	TNTC	ND	210
NM1864	99702	E. coli (col/100 ml)	ND	ND	10	ND	40	400	ND
NM1864	99702	D.O. (mg/L)	ND	ND	4.1	2.7	2.9	7.5	7.6
NM1864	99702	Temp. (°C)	ND	ND	18.0	24.0	21.0	16.5	11.0
NM1864	99702	D.O. (% sat)	ND	ND	43.4	32.1	32.6	76.9	69.0
NM1864	99702	pH	ND	ND	7.1	7.1	7.2	6.8	6.9
NM1864	99702	Alk (mg/L)	ND	ND	37.0	41.0	51.5	16.0	22.0

Data by Site 1996-2005

150 (75 in 99) yds US from Nissitissit confluence on opposite bank.			Pepperell, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
NM1864	NM04	F. C. (col/100 ml)	30	80	10	1430	5	1016	ND
NM1864	NM04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM1864	NM04	D.O. (mg/L)	9.5	7.8	6.1	5.6	1.4	7.3	8.1
NM1864	NM04	Temp. (oC)	9.0	15.0	19.0	23.0	20.0	18.0	11.0
NM1864	NM04	D.O. (% sat)	82.3	77.5	65.9	65.4	15.4	77.2	73.6
NM1864	NM04	pH	6.7	6.8	6.9	7.2	6.9	7.1	6.8
NM1864	NM04	Alk (mg/L)	16.3	22.6	19.3	28.4	23.7	31.7	24.5

150 (75 in 99) yds US from Nissitissit confluence on opposite bank.			Pepperell, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
NM1864	NM04	F. C. (col/100 ml)	5	70	270	TNTC	20	ND	20
NM1864	NM04	E. coli (col/100 ml)	ND	40	ND	ND	ND	ND	ND
NM1864	NM04	D.O. (mg/L)	9.4	7.9	6.7	7.8	6.8	5.5	8.6
NM1864	NM04	Temp. (oC)	9.5	16	25	22	24	19	13.5
NM1864	NM04	D.O. (% sat)	82.7	80.2	81.3	89.5	81.0	59.4	82.7
NM1864	NM04	pH	6.9	7.0	7.1	7.2	7.2	7.1	7.2
NM1864	NM04	Alk (mg/L)	10.1	30.6	18.6	25.4	32.2	35.3	29.5

150 (75 in 99) yds US from Nissitissit confluence on opposite bank.			Pepperell, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
NM1864	NM04	F.C. (col/100 ml)	ND	ND	550	0	0	0	ND
NM1864	NM04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	0
NM1864	NM04	D.O. (mg/L)	ND	ND	6.9	5	3.2	ND	7.3
NM1864	NM04	Temp. (oC)	ND	ND	17	22	24	20	11.5
NM1864	NM04	D.O. (% sat)	ND	ND	71.5	57.3	38.1	ND	67.1
NM1864	NM04	pH	ND	ND	6.9	6.9	7.13	7.25	6.6
NM1864	NM04	Alk (mg/L)	ND	ND	20.8	34	42.8	42.3	31.9

US side of Covered Bridge on Groton St., N bank			Pepperell, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/14	7/19	8/16	9/20	10/18
NM2256	43500.021.50 (5.1)	F.C. (col/100 ml)	ND	ND	2130	3417	80	980	248
NM2256	43500.021.50 (5.1)	E. coli (col/100 ml)	ND	ND	5	ND	0	ND	20
NM2256	43500.021.50 (5.1)	D.O. (mg/L)	ND	ND	5.5	5.8	11.8	11.5	ND
NM2256	43500.021.50 (5.1)	Temp (C)	ND	ND	24.0	23.0	23.0	16.0	13.0
NM2256	43500.021.50 (5.1)	D.O. (% sat)	ND	ND	65.0	67.0	100.0	100.0	ND
NM2256	43500.021.50 (5.1)	pH	ND	ND	6.8	7.0	7.5	7.0	6.8
NM2256	43500.021.50 (5.1)	Alk (mg/L)	ND	ND	22.0	23.0	34.0	20.0	23.0
NM2256	43500.021.50 (5.1)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
NM2256	43500.021.50 (5.1)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

US side of Covered Bridge on Groton St., N bank			Pepperell, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM2256	43500.021.50	F.C. (col/100 ml)	312	TNTC	320	TNTC	0	640	0
NM2256	43500.021.50	E. coli (col/100 ml)	0	ND	140	80	ND	40	ND
NM2256	43500.021.50	D.O. (mg/L)	10.8	9.0	ND	5.5	5.5	6.8	10.5
NM2256	43500.021.50	Temp (C)	8.0	14.0	26.0	25.0	24.0	22.0	13.0
NM2256	43500.021.50	D.O. (% sat)	91.0	87.0	ND	67.0	65.0	78.0	99.8
NM2256	43500.021.50	pH	6.8	6.9	6.8	6.5	6.7	6.8	ND
NM2256	43500.021.50	Alk (mg/L)	15.0	20.0	29.0	28.0	37.0	29.0	ND

Data by Site 1996-2005

US side of Covered Bridge on Groton St., N bank			Pepperell, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM2256	43500.021.50	F.C. (col/100 ml)	6793	100	240	660	540	1005	1200
NM2256	43500.021.50	E. coli (col/100 ml)	ND	60	100	80	TNTC	60	0
NM2256	43500.021.50	D.O. (mg/L)	10.5	9.5	9.5	11.25	8	10	9.5
NM2256	43500.021.50	Temp (C)	14	15	19	26	23.5	20	12
NM2256	43500.021.50	D.O. (% sat)	102	90	103	139	94	110	88
NM2256	43500.021.50	pH	6.9	6.85	6.8	7.2	7.28	7.5	6.9
NM2256	43500.021.50	Alk (mg/L)	22	13	20	26	31.5	45	26
NM2256	43500.021.50	BOD	2.25	ND	ND	ND	ND	2.18	ND

US side of Covered Bridge on Groton St., N bank			Pepperell, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/21	9/18	10/16
NM2256	99701	F.C. (col/100 ml)	ND	ND	TNTC	625	TNTC	ND	300
NM2256	99701	E. coli (col/100 ml)	ND	ND	60	40	ND	ND	0
NM2256	99701	D.O. (mg/L)	10.6	ND	4.2	3.8	4.3	3.4	7.8
NM2256	99701	Temp. (°C)	5.0	ND	22.0	25.0	23.0	17.0	4.0
NM2256	99701	D.O. (% sat)	83.1	ND	48.2	46.1	50.2	35.2	59.6
NM2256	99701	pH	7.0	ND	7.1	7.2	7.2	ND	6.9
NM2256	99701	Alk (mg/L)	21.0	ND	43.0	43.0	51.0	ND	28.0

US side of Covered Bridge on Groton St., N bank			Pepperell, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
NM2256	NM05	F. C. (col/100 ml)	1900	ND	10	1900	5	TNTC	ND
NM2256	NM05	E. coli (col/100 ml)	60	ND	ND	ND	ND	20	ND
NM2256	NM05	D.O. (mg/L)	10.0	9.0	7.1	7.4	1.7	7.8	7.8
NM2256	NM05	Temp. (oC)	9.0	15.0	18.0	23.0	20.0	18.0	11.0
NM2256	NM05	D.O. (% sat)	86.6	89.4	75.1	86.4	18.7	82.5	70.8
NM2256	NM05	pH	6.8	6.9	6.9	7.2	7.0	7.2	6.9
NM2256	NM05	Alk (mg/L)	17.0	23.6	19.4	28.6	24.8	32.0	25.2

US side of Covered Bridge on Groton St., N bank			Pepperell, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
NM2256	NM05	F. C. (col/100 ml)	100	170	170	15,000	130	600	1000
NM2256	NM05	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM2256	NM05	D.O. (mg/L)	8.9	8.0	6.4	7.1	7.7	6.7	8.8
NM2256	NM05	Temp. (oC)	9	16	25	23	25	20	14
NM2256	NM05	D.O. (% sat)	77.0	81.2	77.7	82.9	93.5	73.9	85.5
NM2256	NM05	pH	6.9	7.3	7.2	7.3	7.3	7.2	7.3
NM2256	NM05	Alk (mg/L)	9.9	30.6	17.8	25.7	32.8	36.5	29.0

US side of Covered Bridge on Groton St., N bank			Pepperell, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
NM2256	NM05	F.C. (col/100 ml)	ND	160	1010	10	0	0	ND
NM2256	NM05	E. coli (col/100 ml)	ND	0	ND	ND	ND	0	0
NM2256	NM05	D.O. (mg/L)	ND	8.4	6.9	5.6	4.6	ND	8.4
NM2256	NM05	Temp. (°C)	ND	17	17.5	23	26	20.5	11.5
NM2256	NM05	D.O. (% sat)	ND	87	72.2	65.4	56.9	ND	77.2
NM2256	NM05	pH	ND	6.8	6.9	7.13	7.19	7.15	6.6
NM2256	NM05	Alk (mg/L)	ND	11.2	21.8	34.8	41.9	44.9	31.6

Data by Site 1996-2005

US side of Covered Bridge on Groton St., N bank			Pepperell, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
NM2256	NM04-03	F.C. (col/100 ml)	0	10	0	0	2	0	0
NM2256	NM04-03	E. coli (col/100 ml)	0	ND	0	ND	ND	ND	ND
NM2256	NM04-03	D.O. (mg/L)	10.40	9.10	6.60	7.00	6.80	5.50	8.40
NM2256	NM04-03	Temp (C)	9.5	13.5	19	21	24	19	12.5
NM2256	NM04-03	D.O. (% sat)	91.1	87.5	71.3	78.7	81	59.4	78.9
NM2256	NM04-03	pH	ND	6.80	ND	ND	ND	6.90	ND
NM2256	NM04-03	Alk (mg/L)	ND	14.9	ND	ND	ND	21.7	ND

US side of Covered Bridge on Groton St., N bank			Pepperell, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NM2256	NM04-04	F.C. (col/100 ml)	128	NA	NA	NA	NA	NA	NA
NM2256	NM04-04	E. coli (col/100 ml)	ND	15	<200	52	250	> 800	170
NM2256	NM04-04	D.O. (mg/L)	11.6	5.7	7.5	7.6	5.6	NA	6.9
NM2256	NM04-04	Temp (C)	8.5	18.5	20.0	20.5	20.5	18.0	13.5
NM2256	NM04-04	D.O. (% sat)	100.4	61.6	82.7	85.4	62.9	NA	67.1
NM2256	NM04-04	pH	6.11	6.65	6.05	6.56	6.23	7.30	6.24
NM2256	NM04-04	Alk (mg/L)	8.3	16.8	17.5	NA	NA	NA	25.6

US side of Covered Bridge on Groton St., N bank			Pepperell, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NM2256	NM04	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM2256	NM04	E. coli (col/100 ml)	0	0	0	0	6	0	140
NM2256	NM04	D.O. (mg/L)	10.5	10.8	10.3	6.6	4.1	7.10	8.80
NM2256	NM04	Temp (C)	9.5	14.5	17.5	24.5	23	21.5	14
NM2256	NM04	D.O. (% sat)	92.7	107.2	109.0	79.5	47.9	81.4	85.5
NM2256	NM04	pH	7.00	7.12	6.91	7.15	7.11	7.10	6.75
NM2256	NM04	Alk (mg/L)	15.2	15.7	19.8	20.0	23.4	32.70	16.10

US 21.50 at confluence of Varnum Brook w Main Stem. NW bank.			Pepperell, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM2269	43500.021.75	F.C. (col/100 ml)	27	127	420	60	380	1233	330
NM2269	43500.021.75	E. coli (col/100 ml)	ND	ND	140	ND	0	60	60
NM2269	43500.021.75	D.O. (mg/L)	10.5	9	9	10.5	9.5	10	10
NM2269	43500.021.75	Temp (C)	14	15	20	26	23.5	20	12
NM2269	43500.021.75	D.O. (% sat)	102	90	99	130	112	110	93
NM2269	43500.021.75	pH	7	6.7	6.8	7.3	7.2	7.5	7
NM2269	43500.021.75	Alk (mg/L)	21	13	4	32	32	41	25
NM2269	43500.021.75	BOD	ND	1.35	ND	ND	ND	ND	ND

Approx location. Across from Pepp Paper Co. E bank			Pepperell, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM2302	43500.022.00	F.C. (col/100 ml)	20	341	200	0	10	20	80
NM2302	43500.022.00	E. coli (col/100 ml)	ND	ND	140	ND	0	0	ND
NM2302	43500.022.00	D.O. (mg/L)	10.5	4	9.5	9.5	6.5	9.5	9
NM2302	43500.022.00	Temp (C)	13.5	15.5	19	25	23	20	12.5
NM2302	43500.022.00	D.O. (% sat)	101	40	103	115	76	105	85
NM2302	43500.022.00	pH	6.8	6.6	6.9	7.2	7.25	7.3	7
NM2302	43500.022.00	Alk (mg/L)	20	13	17	30	32	39	25
NM2302	43500.022.00	BOD	ND	1.1	ND	ND	ND	ND	ND

Data by Site 1996-2005

E side of Pepperell Pond off rail-trail US of darr			Groton, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM2313	43500.022.25(E)(2)	F.C. (col/100 ml)	72	140	ND	40	10	0	40
NM2313	43500.022.25(E)(2)	E. coli (col/100 ml)	40	ND	ND	60	ND	ND	ND
NM2313	43500.022.25(E)(2)	D.O. (mg/L)	9.8	8.8	9.0	7.3	2.5	8.0	7.5
NM2313	43500.022.25(E)(2)	Temp (C)	7.0	14.0	26.0	26.0	23.0	21.0	13.0
NM2313	43500.022.25(E)(2)	D.O. (% sat)	81.0	86.0	111.0	90.0	29.0	90.0	71.2
NM2313	43500.022.25(E)(2)	pH	6.6	6.8	7.1	ND	6.7	6.9	6.9
NM2313	43500.022.25(E)(2)	Alk (mg/L)	16.0	20.0	29.0	ND	40.0	28.5	37.0

E side of Pepperell Pond off rail-trail US of darr			Groton, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM2313	43500.022.25(E)(2)	F.C. (col/100 ml)	27	94	540	0	0	27	60
NM2313	43500.022.25(E)(2)	E. coli (col/100 ml)	ND	ND	60	ND	0	20	ND
NM2313	43500.022.25(E)(2)	D.O. (mg/L)	10.5	8.5	7.5	11.5	9	11.5	10
NM2313	43500.022.25(E)(2)	Temp (C)	14	16	19	27	23	20	12
NM2313	43500.022.25(E)(2)	D.O. (% sat)	102	90	81	142	101	127	93
NM2313	43500.022.25(E)(2)	pH	7	6.6	6.6	7.4	7.05	8.1	6.9
NM2313	43500.022.25(E)(2)	Alk (mg/L)	21	13	14	27	30.5	40	28
NM2313	43500.022.25(E)(2)	BOD	ND	ND	ND	ND	ND	ND	ND

W side of Pepperell Pond off Canal St and Main Street			Pepperell, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM2330	43500.022.25(W)(4)	F.C. (col/100 ml)	188	32	52	TNTC	0	0	0
NM2330	43500.022.25(W)(4)	E. coli (col/100 ml)	0	ND	ND	40	ND	ND	ND
NM2330	43500.022.25(W)(4)	D.O. (mg/L)	10.0	9.0	8.5	7.3	3.0	7.3	7.5
NM2330	43500.022.25(W)(4)	Temp (C)	8.0	14.0	24.0	26.0	25.0	21.0	13.0
NM2330	43500.022.25(W)(4)	D.O. (% sat)	84.0	87.0	101.0	90.0	36.0	81.0	71.2
NM2330	43500.022.25(W)(4)	pH	ND	6.9	7.0	7.0	6.6	6.8	6.9
NM2330	43500.022.25(W)(4)	Alk (mg/L)	16.0	21.0	29.0	30.0	38.0	28.5	38.0

E side Pepperell Pond. US of NM2313			Groton, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM2339	43500.022.50(E)(3)	F.C. (col/100 ml)	156	136	28	TNTC	50	20	0
NM2339	43500.022.50(E)(3)	E. coli (col/100 ml)	60	ND	ND	60	ND	ND	0
NM2339	43500.022.50(E)(3)	D.O. (mg/L)	9.8	9.5	8.5	7.3	4.0	6.8	7.5
NM2339	43500.022.50(E)(3)	Temp (C)	8.0	14.0	26.0	25.0	23.0	21.0	13.0
NM2339	43500.022.50(E)(3)	D.O. (% sat)	83.0	92.0	105.0	88.0	46.0	76.0	71.2
NM2339	43500.022.50(E)(3)	pH	6.6	6.8	6.9	ND	6.7	6.8	6.7
NM2339	43500.022.50(E)(3)	Alk (mg/L)	15.0	19.5	29.0	ND	39.0	29.0	37.0

W side of Pepperell Pond -Canal St, from sand spit			Pepperell, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM2345	43500.022.50(W)(5)	F.C. (col/100 ml)	ND	144	36	TNTC	660	40	0
NM2345	43500.022.50(W)(5)	E. coli (col/100 ml)	ND	ND	ND	0	ND	ND	ND
NM2345	43500.022.50(W)(5)	D.O. (mg/L)	9.0	8.3	7.5	8.0	7.0	6.5	7.5
NM2345	43500.022.50(W)(5)	Temp (C)	8.5	14.0	26.0	26.0	25.0	21.0	13.0
NM2345	43500.022.50(W)(5)	D.O. (% sat)	76.0	81.0	93.0	99.0	85.0	73.0	71.2
NM2345	43500.022.50(W)(5)	pH	ND	6.8	6.8	7.0	6.6	6.8	6.8
NM2345	43500.022.50(W)(5)	Alk (mg/L)	15.0	19.0	28.0	25.0	41.0	30.0	37.0

Data by Site 1996-2005

Pepperell Pond, west bank near island			Groton, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/14	7/19	8/16	9/20	10/18
NM2437	43500.023.0 (8.1)	F.C. (col/100 ml)	ND	ND	ND	13	ND	ND	ND
NM2437	43500.023.0 (8.1)	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM2437	43500.023.0 (8.1)	D.O. (mg/L)	ND	ND	ND	6.3	ND	ND	ND
NM2437	43500.023.0 (8.1)	Temp (C)	ND	ND	ND	22.0	ND	ND	ND
NM2437	43500.023.0 (8.1)	D.O. (% sat)	ND	ND	ND	72.0	ND	ND	ND
NM2437	43500.023.0 (8.1)	pH	ND	ND	ND	7.5	ND	ND	ND
NM2437	43500.023.0 (8.1)	Alk (mg/L)	ND	ND	ND	41.0	ND	ND	ND
NM2437	43500.023.0 (8.1)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
NM2437	43500.023.0 (8.1)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

Pepperell Pond from boat in middle of pond at P/G town line			Groton/ Pepperell, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NM2443 B	NM14	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM2443 B	NM14	E. coli (col/100 ml)	0	0	4	0	6	0	180
NM2443 B	NM14	D.O. (mg/L)	10.1	8.5	9.0	5.0	3.40	4.15	7.70
NM2443 B	NM14	Temp (C)	9.5	13	16.5	23	23	ND	ND
NM2443 B	NM14	D.O. (% sat)	89.6	80.3	93.3	57.8	39.7	ND	ND
NM2443 B	NM14	pH	6.99	6.90	6.80	6.90	6.90	6.70	6.60
NM2443 B	NM14	Alk (mg/L)	16.5	14.3	19.6	20.0	20.6	34.90	16.35

Pepperell Pond from bike path. P/G town line.			Groton/Pepperell, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
NM2443 S	NM05-03	F.C. (col/100 ml)	ND	ND	ND	55	0	ND	ND
NM2443 S	NM05-03	E. coli (col/100 ml)	ND	ND	0	ND	ND	ND	ND
NM2443 S	NM05-03	D.O. (mg/L)	9.90	8.20	5.90	4.80	4.50	ND	ND
NM2443 S	NM05-03	Temp (C)	ND	ND	18	20	22	ND	ND
NM2443 S	NM05-03	D.O. (% sat)	ND	ND	62.4	52.9	51.6	ND	ND
NM2443 S	NM05-03	pH	6.75	6.80	6.80	7.10	6.92	ND	ND
NM2443 S	NM05-03	Alk (mg/L)	10.6	15.1	16.1	20.4	18.2	ND	ND

Pepperell Pond from bike path. P/G town line.			Groton/Pepperell, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NM2443 S	NM05-04	F.C. (col/100 ml)	ND	ND	ND	280	0	560	<200
NM2443 S	NM05-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM2443 S	NM05-04	D.O. (mg/L)	ND	4.7	ND	5.6	6.3	4.9	2.9
NM2443 S	NM05-04	Temp (C)	ND	15.5	ND	20.0	21.0	ND	13.0
NM2443 S	NM05-04	D.O. (% sat)	ND	47.7	ND	61.6	70.8	ND	27.6
NM2443 S	NM05-04	pH	ND	6.99	ND	6.92	7.36	7.16	6.72
NM2443 S	NM05-04	Alk (mg/L)	ND	16.1	ND	16.8	18.7	22.6	25.1

Pepperell Pond, west bank			Groton, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	5/31	7/19	8/16	9/20	10/18
NM2583	43500.023.5 (8.2)	F.C. (col/100 ml)	ND	ND	ND	7	ND	ND	ND
NM2583	43500.023.5 (8.2)	E. coli (col/100 ml)	ND	ND	ND	0	ND	ND	ND
NM2583	43500.023.5 (8.2)	D.O. (mg/L)	ND	ND	5.5	6.5	ND	ND	ND
NM2583	43500.023.5 (8.2)	Temp (C)	ND	ND	20.0	23.0	ND	ND	ND
NM2583	43500.023.5 (8.2)	D.O. (% sat)	ND	ND	61.0	76.0	ND	ND	ND
NM2583	43500.023.5 (8.2)	pH	ND	ND	6.8	7.1	ND	ND	ND
NM2583	43500.023.5 (8.2)	Alk (mg/L)	ND	ND	22.0	23.0	ND	ND	ND
NM2583	43500.023.5 (8.2)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
NM2583	43500.023.5 (8.2)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

Data by Site 1996-2005

Petapawag- upstream of Rt 119 bridge at boat launch			Groton, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
NM2915	NM06-03	F.C. (col/100 ml)	ND	ND	ND	ND	0	ND	ND
NM2915	NM06-03	E. coli (col/100 ml)	ND	ND	0	ND	ND	ND	ND
NM2915	NM06-03	D.O. (mg/L)	10.10	7.00	5.40	ND	3.50	ND	ND
NM2915	NM06-03	Temp (C)	ND	ND	16.5	18	22	ND	ND
NM2915	NM06-03	D.O. (% sat)	ND	ND	55.4	ND	40.1	ND	ND
NM2915	NM06-03	pH	6.75	6.80	ND	7.10	7.00	ND	ND
NM2915	NM06-03	Alk (mg/L)	14.3	15.1	ND	18.4	19.1	ND	ND

Petapawag- upstream of Rt 119 bridge at boat launch.			Groton, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NM2915	NM06-04	F.C. (col/100 ml)	140	ND	810	240	80	570	520
NM2915	NM06-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM2915	NM06-04	D.O. (mg/L)	10.4	7.1	6.7	8.3	7.4	6.6	6.3
NM2915	NM06-04	Temp (C)	6.0	15.0	17.0	16.0	18.5	16.0	11.0
NM2915	NM06-04	D.O. (% sat)	83.7	66.4	69.4	84.3	79.9	67.0	57.2
NM2915	NM06-04	pH	6.26	7.01	7.19	ND	ND	ND	6.85
NM2915	NM06-04	Alk (mg/L)	8.3	17.1	16.9	ND	ND	ND	25.7

South side of Rt 119 bridge. West bank. (Other side of bridge from Petapawag.)			Groton, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/14	7/20	8/17	9/21	10/23
NM2928	43500.027.5 (10.2)	F.C. (col/100 ml)	ND	ND	40	40	24	228	ND
NM2928	43500.027.5 (10.2)	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM2928	43500.027.5 (10.2)	D.O. (mg/L)	ND	ND	8.0	4.3	4.9	5.1	4.8
NM2928	43500.027.5 (10.2)	Temp (C)	ND	ND	23.0	ND	21.0	17.0	12.0
NM2928	43500.027.5 (10.2)	D.O. (% sat)	ND	ND	93.0	ND	55.0	53.0	45.0
NM2928	43500.027.5 (10.2)	pH	ND	ND	6.7	7.0	7.1	6.9	6.4
NM2928	43500.027.5 (10.2)	Alk (mg/L)	ND	ND	23.0	20.4	35.0	21.2	9.7
NM2928	43500.027.5 (10.2)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
NM2928	43500.027.5 (10.2)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

South side of Rt 119 bridge. West bank. (Other side of bridge from Petapawag.)			Groton, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NM2928	NM13	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM2928	NM13	E. coli (col/100 ml)	70	22	204	60	36	5	32
NM2928	NM13	D.O. (mg/L)	12.3	8.0	7.3	5.8	6.6	6.20	7.75
NM2928	NM13	Temp (C)	9.5	14	NN	24	22	20.5	14
NM2928	NM13	D.O. (% sat)	109.1	77.7	ND	69.0	75.7	69.7	75.3
NM2928	NM13	pH	6.89	6.85	6.79	6.82	7.00	7.00	6.70
NM2928	NM13	Alk (mg/L)	15.8	14.4	16.70	20.1	21.5	32.80	16.40

On Rt 225 bridge near Rt. 111			Groton, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/14	7/20	8/17	9/21	10/23
NM3393	43500.029.2 (10.1)	F.C. (col/100 ml)	ND	ND	65	120	50	40	ND
NM3393	43500.029.2 (10.1)	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM3393	43500.029.2 (10.1)	D.O. (mg/L)	ND	ND	7.0	4.1	5.1	4.7	5.0
NM3393	43500.029.2 (10.1)	Temp (C)	ND	ND	22.0	ND	20.0	15.0	13.0
NM3393	43500.029.2 (10.1)	D.O. (% sat)	ND	ND	80.0	ND	56.0	47.0	47.0
NM3393	43500.029.2 (10.1)	pH	ND	ND	6.8	6.9	7.1	6.8	6.4
NM3393	43500.029.2 (10.1)	Alk (mg/L)	ND	ND	22.0	22.4	31.0	22.2	9.9
NM3393	43500.029.2 (10.1)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
NM3393	43500.029.2 (10.1)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

Data by Site 1996-2005

Rt 2A bridge over Nashua. Access DS/North bank.			Shirley/Ayer, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/14	7/20	8/17	9/21	10/23
NM3802	43500.030.7 (10.3, 11)	F.C. (col/100 ml)	ND	ND	110	288	76	44	ND
NM3802	43500.030.7 (10.3, 11)	E. coli (col/100 ml)	ND	ND	0	ND	ND	ND	ND
NM3802	43500.030.7 (10.3, 11)	D.O. (mg/L)	ND	ND	8.5	3.8	5.4	4.9	4.3
NM3802	43500.030.7 (10.3, 11)	Temp (C)	ND	ND	21.0	ND	20.0	15.0	13.0
NM3802	43500.030.7 (10.3, 11)	D.O. (% sat)	ND	ND	95.0	ND	59.0	49.0	41.0
NM3802	43500.030.7 (10.3, 11)	pH	ND	ND	6.8	7.0	7.0	6.9	6.5
NM3802	43500.030.7 (10.3, 11)	Alk (mg/L)	ND	ND	26.0	22.1	38.0	25.0	12.1
NM3802	43500.030.7 (10.3, 11)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
NM3802	43500.030.7 (10.3, 11)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

Rt 2A bridge over Nashua. Access DS/North bank.			Shirley/Ayer, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
NM3802	NM07-03	F.C. (col/100 ml)	20	25	24	150	140	130	85
NM3802	NM07-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	{120}
NM3802	NM07-03	D.O. (mg/L)	3.50	3.40	ND	6.40	4.70	7.00	7.40
NM3802	NM07-03	Temp (C)	8	12.5	17.5	20	22	17	11
NM3802	NM07-03	D.O. (% sat)	29.6	32	ND	70.6	53.9	72.5	67.2
NM3802	NM07-03	pH	6.10	ND	6.55	ND	ND	6.56	6.47
NM3802	NM07-03	Alk (mg/L)	11.0	ND	15.3	ND	ND	17.5	20.9

Below Ayer WWTP by canoe off Bishop Rd			Shirley/Ayer, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/15	7/20	8/18	9/21	10/18
NM3967	43500.031.3 (9.4)	F.C. (col/100 ml)	ND	ND	20	116	100	248	ND
NM3967	43500.031.3 (9.4)	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM3967	43500.031.3 (9.4)	D.O. (mg/L)	ND	ND	5.0	4.2	4.7	5.0	ND
NM3967	43500.031.3 (9.4)	Temp (C)	ND	ND	22.0	19.0	20.0	16.0	ND
NM3967	43500.031.3 (9.4)	D.O. (% sat)	ND	ND	45.0	ND	52.0	51.0	ND
NM3967	43500.031.3 (9.4)	pH	ND	ND	7.1	6.9	7.1	6.9	ND
NM3967	43500.031.3 (9.4)	Alk (mg/L)	ND	ND	31.5	21.5	40.3	24.8	ND
NM3967	43500.031.3 (9.4)	N (mg/L)	ND	ND	ND	1.700	ND	ND	ND
NM3967	43500.031.3 (9.4)	P (mg/L)	ND	ND	ND	0.019	ND	ND	ND

Bridge off Bishop Rd leading to Devens WWTF			Ayer, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NM4010	NM12	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM4010	NM12	E. coli (col/100 ml)	130	16	TNTC	60	104	13	TNTC
NM4010	NM12	D.O. (mg/L)	12.6	8.0	7.2	5.9	7.6	ND	8.1
NM4010	NM12	Temp (C)	8	13	NN	26	21.5	ND	15
NM4010	NM12	D.O. (% sat)	106.5	76.0	ND	72.9	87.2	ND	80.4
NM4010	NM12	pH	6.99	6.99	6.93	6.90	6.55	7.05	7.04
NM4010	NM12	Alk (mg/L)	18.1	13.9	18.6	23.9	18.4	38.30	47.8

100m DS from Nonacoicus Brook			Shirley/Ayer, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/15	7/20	8/18	9/21	10/18
NM4059	43500.032.1 (9.3)	F.C. (col/100 ml)	ND	ND	54	72	136	164	ND
NM4059	43500.032.1 (9.3)	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM4059	43500.032.1 (9.3)	D.O. (mg/L)	ND	ND	5.0	4.4	4.9	5.2	ND
NM4059	43500.032.1 (9.3)	Temp (C)	ND	ND	22.0	19.0	20.0	16.0	ND
NM4059	43500.032.1 (9.3)	D.O. (% sat)	ND	ND	57.0	47.0	54.0	53.0	ND
NM4059	43500.032.1 (9.3)	pH	ND	ND	7.1	7.0	7.1	6.9	ND
NM4059	43500.032.1 (9.3)	Alk (mg/L)	ND	ND	32.5	19.5	40.0	25.0	ND
NM4059	43500.032.1 (9.3)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
NM4059	43500.032.1 (9.3)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

Data by Site 1996-2005

100m US from Nonacoicus Brook			Shirley/Ayer, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/15	7/20	8/18	9/21	10/18
NM4081	43500.032.3 (9.1)	F.C. (col/100 ml)	ND	ND	120	740	148	104	ND
NM4081	43500.032.3 (9.1)	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM4081	43500.032.3 (9.1)	D.O. (mg/L)	ND	ND	5.6	4.6	5.1	5.4	ND
NM4081	43500.032.3 (9.1)	Temp (C)	ND	ND	22.0	19.0	20.0	16.0	ND
NM4081	43500.032.3 (9.1)	D.O. (% sat)	ND	ND	65.0	49.0	56.0	55.0	ND
NM4081	43500.032.3 (9.1)	pH	ND	ND	7.0	7.0	7.1	6.8	ND
NM4081	43500.032.3 (9.1)	Alk (mg/L)	ND	ND	27.0	22.6	42.3	23.2	ND
NM4081	43500.032.3 (9.1)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
NM4081	43500.032.3 (9.1)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

US of railroad bridge MacPherson Rd.			Ayer, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NM4163	NM15	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM4163	NM15	E. coli (col/100 ml)	ND	ND	ND	60	104	13	TNTC
NM4163	NM15	D.O. (mg/L)	ND	ND	ND	5.9	7.6	ND	8.1
NM4163	NM15	Temp (C)	ND	ND	ND	26	21.5	ND	15
NM4163	NM15	D.O. (% sat)	ND	ND	ND	72.9	87.2	ND	80.4
NM4163	NM15	pH	ND	ND	ND	6.90	6.55	7.05	7.04
NM4163	NM15	Alk (mg/L)	ND	ND	ND	23.9	18.4	38.30	47.8

US of Hospital Rd bridge, eastern shore.			Shirley, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
NM4426	NM06	F.C. (col/100 ml)	ND	20	68	68	340	700	ND
NM4426	NM06	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM4426	NM06	D.O. (mg/L)	10.3	7.3	4.9	5.3	4.6	7.3	7.2
NM4426	NM06	Temp. (oC)	8	14	23	23.5	21	17	11
NM4426	NM06	D.O. (% sat)	87.1	70.9	57.2	61.9	51.7	75.6	65.4
NM4426	NM06	pH	6.7	6.7	6.6	6.8	6.7	7.3	6.9
NM4426	NM06	Alk (mg/L)	7.5	ND	ND	23.5	30.1	39.7	15.6

US of Hospital Rd bridge, eastern shore.			Shirley, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
NM4426	NM06	F.C. (col/100 ml)	ND	ND	250	145	40	50	1260
NM4426	NM06	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM4426	NM06	D.O. (mg/L)	ND	ND	5.6	4.7	12.3	5.2	6.3
NM4426	NM06	Temp. (°C)	ND	ND	14	24	25	20	8
NM4426	NM06	D.O. (% sat)	ND	ND	54.4	55.9	149.3	57.3	53.3
NM4426	NM06	pH	ND	ND	6.54	6.78	8.77	6.54	6.09
NM4426	NM06	Alk (mg/L)	ND	ND	21.6	35.5	46.7	56.8	27.7

US of Hospital Rd bridge, eastern shore.			Shirley, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
NM4426	NM08-03	F.C. (col/100 ml)	5	85	88	116	152	175	355
NM4426	NM08-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	160
NM4426	NM08-03	D.O. (mg/L)	9.60	7.50	5.70	4.40	4.20	6.40	7.70
NM4426	NM08-03	Temp (C)	8	12	16.5	18	23	16	10
NM4426	NM08-03	D.O. (% sat)	81.1	69.7	58.5	46.6	49.1	65	68.3
NM4426	NM08-03	pH	6.37	ND	ND	ND	ND	ND	6.24
NM4426	NM08-03	Alk (mg/L)	10.7	ND	ND	ND	ND	ND	21.4

Data by Site 1996-2005

US of Hospital Rd bridge, eastern shore.			Shirley, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NM4426	NM08-04	F.C. (col/100 ml)	ND	ND	<300	TNTC	110	220	280
NM4426	NM08-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM4426	NM08-04	D.O. (mg/L)	ND	6.5	6.5	4.6	6.7	6.2	5.8
NM4426	NM08-04	Temp (C)	ND	16.0	19.5	18.0	20.0	18.0	16.0
NM4426	NM08-04	D.O. (% sat)	ND	66.0	71.7	48.7	73.9	65.6	58.9
NM4426	NM08-04	pH	ND	7.03	7.31	6.70	ND	7.34	6.78
NM4426	NM08-04	Alk (mg/L)		16.9	18.6	15.4	ND	ND	25.0

DS from Tank Bridge @ Still River Depot Rd.			Harvard, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/15	7/20	8/16	9/21	10/18
NM5095	43500.044.2 (2.1)	F.C. (col/100 ml)	ND	ND	0	192	388	ND	ND
NM5095	43500.044.2 (2.1)	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM5095	43500.044.2 (2.1)	D.O. (mg/L)	ND	ND	3.9	4.2	7.0	4.5	ND
NM5095	43500.044.2 (2.1)	Temp (C)	ND	ND	22.0	ND	22.0	16.0	ND
NM5095	43500.044.2 (2.1)	D.O. (% sat)	ND	ND	45.0	ND	80.0	46.0	ND
NM5095	43500.044.2 (2.1)	pH	ND	ND	7.1	6.9	7.5	7.0	ND
NM5095	43500.044.2 (2.1)	Alk (mg/L)	ND	ND	27.4	21.3	55.0	26.0	ND
NM5095	43500.044.2 (2.1)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
NM5095	43500.044.2 (2.1)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

DS from Tank Bridge @ Still River Depot Rd.			Harvard, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM5095	43500.044.20	F.C. (col/100 ml)	ND	168	432	380	ND	ND	ND
NM5095	43500.044.20	E. coli (col/100 ml)	ND	100	ND	ND	ND	ND	ND
NM5095	43500.044.20	D.O. (mg/L)	10.0	8.5	6.0	6.9	ND	ND	ND
NM5095	43500.044.20	Temp (C)	7.0	ND	ND	25.0	ND	ND	ND
NM5095	43500.044.20	D.O. (% sat)	83.0	ND	ND	84.0	ND	ND	ND
NM5095	43500.044.20	pH	ND	6.8	6.8	6.9	ND	ND	ND
NM5095	43500.044.20	Alk (mg/L)	13.0	25.0	26.0	30.0	ND	ND	ND

DS from Tank Bridge @ Still River Depot Rd.			Harvard, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM5095	43500.044.20	F.C. (col/100 ml)	ND	ND	230	122	ND	220	560
NM5095	43500.044.20	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	140
NM5095	43500.044.20	D.O. (mg/L)	ND	ND	7.03	6.3	5.82	7.05	8.5
NM5095	43500.044.20	Temp (C)	ND	ND	20	25	23	19	14
NM5095	43500.044.20	D.O. (% sat)	ND	ND	78	76	68	76	83
NM5095	43500.044.20	pH	ND	ND	6.63	7.1	7	6.96	6.9
NM5095	43500.044.20	Alk (mg/L)	ND	ND	11.5	22.8	23.9	40.1	26
NM5095	43500.044.20	BOD	ND	ND	ND	ND	ND	ND	ND

DS from Tank Bridge @ Still River Depot Rd.			Harvard, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
NM5095	NM07	F.C. (col/100 ml)	ND	380	300	185	100	140	1220
NM5095	NM07	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM5095	NM07	D.O. (mg/L)	ND	7.9	6.6	4.8	4.2	6.4	7.0
NM5095	NM07	Temp. (°C)	ND	13	15	22	25	20	ND
NM5095	NM07	D.O. (% sat)	ND	75.1	65.5	55	50.9	70.6	ND
NM5095	NM07	pH	ND	6.40	6.73	6.76	6.97	6.70	6.31
NM5095	NM07	Alk (mg/L)	ND	13.8	22.4	42.8	51.3	39.7	22.6

Data by Site 1996-2005

DS from Tank Bridge @ Still River Depot Rd.			Harvard, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
NM5095	NM09-03	F.C. (col/100 ml)	20	45	20	142	236	TNTC	250
NM5095	NM09-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	140
NM5095	NM09-03	D.O. (mg/L)	8.10	8.00	6.40	6.40	4.40	6.30	7.00
NM5095	NM09-03	Temp (C)	8	10.5	16	17	20	17	10.5
NM5095	NM09-03	D.O. (% sat)	68.5	71.8	65	66.3	48.5	65.3	62.8
NM5095	NM09-03	pH	6.16	ND	ND	ND	ND	6.46	ND
NM5095	NM09-03	Alk (mg/L)	12.4	ND	ND	ND	ND	19.0	ND

DS from Tank Bridge @ Still River Depot Rd.			Harvard, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NM5095	NM09-04	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM5095	NM09-04	E. coli (col/100 ml)	380	ND	ND	ND	ND	ND	ND
NM5095	NM09-04	D.O. (mg/L)	9.0	ND	ND	ND	ND	ND	ND
NM5095	NM09-04	Temp (C)	7.5	ND	ND	ND	ND	ND	ND
NM5095	NM09-04	D.O. (% sat)	76.0	ND	ND	ND	ND	ND	ND
NM5095	NM09-04	pH	6.18	ND	ND	ND	ND	ND	ND
NM5095	NM09-04	Alk (mg/L)	8.6	ND	ND	ND	ND	ND	ND

Canoe launch us rt 117			Lancaster, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM5837	43500.055.95	F.C. (col/100 ml)	2064	ND	ND	800	ND	1380	ND
NM5837	43500.055.95	E. coli (col/100 ml)	1020	ND	ND	120	ND	200	ND
NM5837	43500.055.95	D.O. (mg/L)	9.5	6.9	ND	6.5	ND	8.6	ND
NM5837	43500.055.95	Temp (C)	7.0	13.0	ND	25.0	ND	20.0	ND
NM5837	43500.055.95	D.O. (% sat)	78.0	66.0	ND	79.0	ND	95.0	ND
NM5837	43500.055.95	pH	ND	ND	ND	ND	ND	7.2	ND
NM5837	43500.055.95	Alk (mg/L)	10.0	24.0	ND	27.0	ND	34.0	ND

Canoe launch us rt 117			Lancaster, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM5837	Bridge Rte 117	F.C. (col/100 ml)	ND	340	20	112	ND	360	1010
NM5837	Bridge Rte 117	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	740
NM5837	Bridge Rte 117	D.O. (mg/L)	ND	5.1	8.09	7.3	6.66	7.26	12.5
NM5837	Bridge Rte 117	Temp (C)	ND	16	20.5	25	21.5	19	13
NM5837	Bridge Rte 117	D.O. (% sat)	ND	53	90	89	76	78	118
NM5837	Bridge Rte 117	pH	ND	6.1	6.79	7.3	6.9	6.88	6.9
NM5837	Bridge Rte 117	Alk (mg/L)	ND	11	10.5	22.4	25.1	45.5	24
NM5837	Bridge Rte 117	BOD	ND	ND	ND	ND	ND	ND	ND

Canoe launch us rt 117			Lancaster, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
NM5837	991004	F.C. (col/100 ml)	116	120	130	210	960	TNTC	380
NM5837	991004	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM5837	991004	D.O. (mg/L)	5.5	6.8	5.1	3.9	2.6	7.5	9.5
NM5837	991004	Temp. (°C)	11.5	15.0	18.5	25.0	25.0	17.0	12.0
NM5837	991004	D.O. (% sat)	51.1	67.5	54.5	47.3	31.6	77.7	88.2
NM5837	991004	pH	6.9	6.8	7.2	7.3	7.4	6.5	7.0
NM5837	991004	Alk (mg/L)	23.2	23.4	31.6	42.9	42.2	10.4	23.7

Data by Site 1996-2005

Canoe launch us rt 117			Lancaster, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
NM5837	NM06	F. C. (col/100 ml)	190	TNTC	280	72	212	ND	154
NM5837	NM06	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM5837	NM06	D.O. (mg/L)	8.5	8.5	6.9	6.7	7.3	ND	8.2
NM5837	NM06	Temp. (oC)	10.0	13.0	20.0	21.5	18.0	ND	12.0
NM5837	NM06	D.O. (% sat)	75.4	80.8	76.1	76.0	77.2	ND	76.2
NM5837	NM06	pH	6.5	6.8	6.7	7.0	6.8	ND	6.8
NM5837	NM06	Alk (mg/L)	12.3	18.9	16.5	30.3	26.8	ND	28.1

Canoe launch us rt 117			Lancaster, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
NM5837	NM07	F. C. (col/100 ml)	20	80	132	136	800	600	ND
NM5837	NM07	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM5837	NM07	D.O. (mg/L)	9.3	7.2	5.2	6.5	5.6	7.7	7.4
NM5837	NM07	Temp. (oC)	8.5	15	23	22	23	16	12
NM5837	NM07	D.O. (% sat)	79.6	71.5	60.7	74.5	65.4	78.2	68.8
NM5837	NM07	pH	6.8	6.8	7.1	7.0	6.9	7.3	6.7
NM5837	NM07	Alk (mg/L)	6.2	ND	22.5	25.4	28.3	38.6	31.1

Canoe launch us rt 117			Lancaster, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
NM5837	NM08	F.C. (col/100 ml)	ND	425	235	TNTC	220	460	780
NM5837	NM08	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM5837	NM08	D.O. (mg/L)	ND	8.2	7.5	5.0	5.9	7.0	5.3
NM5837	NM08	Temp. (oC)	ND	13	15	21.5	25	20	ND
NM5837	NM08	D.O. (% sat)	ND	77.9	74.5	56.7	71.6	77.2	ND
NM5837	NM08	pH	ND	6.41	6.83	6.69	6.95	6.87	6.44
NM5837	NM08	Alk (mg/L)	ND	13.5	24.6	36.2	43.8	41.2	25.7

Canoe launch us rt 117			Lancaster, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
NM5837	NM10-03	F.C. (col/100 ml)	70	70	28	114	88	TNTC	285
NM5837	NM10-03	E. coli (col/100 ml)	ND	ND	ND	ND	{815}	TNTC	100
NM5837	NM10-03	D.O. (mg/L)	ND	7.60	7.40	7.40	4.00	5.90	7.50
NM5837	NM10-03	Temp (C)	7	11	15	16.5	19	16.5	10.5
NM5837	NM10-03	D.O. (% sat)	ND	69	73.5	75.9	43.2	60.5	67.3
NM5837	NM10-03	pH	6.19	ND	6.50	ND	6.38	ND	ND
NM5837	NM10-03	Alk (mg/L)	12.3	ND	12.5	ND	16.3	ND	ND

Canoe launch US Rt 117.			Lancaster, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NM5837	NM10-04	F.C. (col/100 ml)	ND	1,100	825	670	ND	5,600	>2000
NM5837	NM10-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM5837	NM10-04	D.O. (mg/L)	ND	8.9	7.5	9.1	ND	8.7	8.4
NM5837	NM10-04	Temp (C)	ND	14.5	15.5	16.0	ND	17.0	13.5
NM5837	NM10-04	D.O. (% sat)	ND	88.4	75.9	92.4	ND	90.2	81.6
NM5837	NM10-04	pH	ND	6.68	6.75	ND	ND	ND	6.90
NM5837	NM10-04	Alk (mg/L)	ND	18.0	17.0	ND	ND	ND	21.0

Data by Site 1996-2005

Canoe launch us rt 117			Lancaster, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NM5837	NM10	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NM5837	NM10	E. coli (col/100 ml)	ND	5	110	454	39	ND	ND
NM5837	NM10	D.O. (mg/L)	ND	10.5	9.8	7.8	8.5	ND	ND
NM5837	NM10	Temp (C)	ND	11.5	15.5	21.5	19	ND	ND
NM5837	NM10	D.O. (% sat)	ND	97.6	99.5	89.4	91.8	ND	ND
NM5837	NM10	pH	ND	6.84	6.90	6.60	6.91	ND	ND
NM5837	NM10	Alk (mg/L)	ND	9.5	21.0	20.0	28.0	ND	ND

Off Neck Rd			Lancaster, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NM5968	(5) Main stem	F.C. (col/100 ml)	ND	540	1600	202	ND	320	360
NM5968	(5) Main stem	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	100
NM5968	(5) Main stem	D.O. (mg/L)	ND	5	7.76	6.7	6.69	6.75	7.5
NM5968	(5) Main stem	Temp (C)	ND	16	20	24	22	18	13
NM5968	(5) Main stem	D.O. (% sat)	ND	52	86	80	77	71	71
NM5968	(5) Main stem	pH	ND	6	6.74	7.2	7	6.91	6.9
NM5968	(5) Main stem	Alk (mg/L)	ND	8.3	10	23.4	24	41	24
NM5968	(5) Main stem	BOD	ND	ND	ND	ND	ND	ND	ND

Nashua River Mainstem Tributaries (alphabetical order)

At bridge where Old Mill Rd crosses Bowers Brook			Harvard, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/15	7/20	8/18	9/21	10/19
BR0103	44325.018.7 (9.5)	F.C. (col/100 ml)	ND	ND	54	20	20	92	ND
BR0103	44325.018.7 (9.5)	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
BR0103	44325.018.7 (9.5)	D.O. (mg/L)	ND	ND	5.0	4.4	4.8	5.1	6.1
BR0103	44325.018.7 (9.5)	Temp (C)	ND	ND	22.0	19.0	20.0	14.0	9.5
BR0103	44325.018.7 (9.5)	D.O. (% sat)	ND	ND	57.0	47.0	53.0	49.0	53.0
BR0103	44325.018.7 (9.5)	pH	ND	ND	7.1	7.0	7.0	6.7	6.6
BR0103	44325.018.7 (9.5)	Alk (mg/L)	ND	ND	32.5	35.5	26.0	11.6	13.8
BR0103	44325.018.7 (9.5)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
BR0103	44325.018.7 (9.5)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

US of bridge where Old Mill Rd crosses Bowers Brook			Harvard, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/15	7/20	8/18	9/21	10/19
BR0106	44325.018.8 (9.6)	F.C. (col/100 ml)	ND	ND	320	20	ND	272	ND
BR0106	44325.018.8 (9.6)	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
BR0106	44325.018.8 (9.6)	D.O. (mg/L)	ND	ND	5.0	4.2	4.8	5.6	5.9
BR0106	44325.018.8 (9.6)	Temp (C)	ND	ND	22.0	19.0	21.0	14.0	9.5
BR0106	44325.018.8 (9.6)	D.O. (% sat)	ND	ND	57.0	46.0	54.0	54.0	52.0
BR0106	44325.018.8 (9.6)	pH	ND	ND	7.1	7.0	7.0	6.6	6.7
BR0106	44325.018.8 (9.6)	Alk (mg/L)	ND	ND	31.5	36.7	26.0	11.7	12.5
BR0106	44325.018.8 (9.6)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
BR0106	44325.018.8 (9.6)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

Bowers Brook at outfall of Bare Hill Pond			Harvard, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
BR0819	BHP01	F.C. (col/100 ml)	ND	5	15	20	0	20	20
BR0819	BHP01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
BR0819	BHP01	D.O. (mg/L)	ND	9.8	7.4	4.9	5.5	5.5	4.6
BR0819	BHP01	Temp. (°C)	ND	14	19	24.5	27	22	11
BR0819	BHP01	D.O. (% sat)	ND	95.2	79.9	58.8	69.2	63	41.8
BR0819	BHP01	pH	ND	6.46	6.52	6.37	6.5	5.69	6.69
BR0819	BHP01	Alk (mg/L)	ND	7.5	7.7	8.6	8.2	8.1	6.5

Data by Site 1996-2005

Bowers Brook at Tahanto Trail, upstream of culvert			Harvard, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
BR1039	BB01	F.C. (col/100 ml)	ND	40	475	25	ND	ND	160
BR1039	BB01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
BR1039	BB01	D.O. (mg/L)	ND	9.8	2.7	1.2	ND	ND	4.4
BR1039	BB01	Temp. (°C)	ND	12	15	19	ND	ND	9
BR1039	BB01	D.O. (% sat)	ND	91.1	26.8	12.9	ND	ND	38.1
BR1039	BB01	pH	ND	5.64	5.7	5.77	ND	ND	5.56
BR1039	BB01	Alk (mg/L)	ND	4.1	6.7	11.4	ND	ND	2.7

Bow Brook 20' DS from Leatherboard Pond			Shirley, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	5/31	7/18	8/15	9/18	10/16
BW0031	44550.000.2 (4.1)	F.C. (col/100 ml)	ND	ND	ND	16	6	360	ND
BW0031	44550.000.2 (4.1)	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
BW0031	44550.000.2 (4.1)	D.O. (mg/L)	ND	ND	8.3	3.9	4.8	5.4	3.5
BW0031	44550.000.2 (4.1)	Temp (C)	ND	ND	16.0	24.0	21.0	17.0	15.0
BW0031	44550.000.2 (4.1)	D.O. (% sat)	ND	ND	84.0	47.0	54.0	56.0	35.0
BW0031	44550.000.2 (4.1)	pH	ND	ND	6.7	6.9	7.2	7.0	6.6
BW0031	44550.000.2 (4.1)	Alk (mg/L)	ND	ND	20.0	20.6	22.0	16.2	27.4
BW0031	44550.000.2 (4.1)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
BW0031	44550.000.2 (4.1)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

Counterpane Brook. DS Clinton WWTP at Allen St. DS bridge, RE			Clinton, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
CP0033	43500 Allen St	F.C. (col/100 ml)	ND	ND	728	1124	ND	ND	ND
CP0033	43500 Allen St	E. coli (col/100 ml)	ND	ND	ND	460	ND	ND	ND
CP0033	43500 Allen St	D.O. (mg/L)	ND	ND	7.5	6.3	ND	8.0	ND
CP0033	43500 Allen St	Temp (C)	ND	ND	24.0	25.0	ND	21.0	ND
CP0033	43500 Allen St	D.O. (% sat)	ND	ND	89.0	76.0	ND	90.0	ND
CP0033	43500 Allen St	pH	ND	ND	6.8	ND	ND	6.9	ND
CP0033	43500 Allen St	Alk (mg/L)	ND	ND	27.0	28.0	ND	31.0	ND

Catacounameaug Brook. Lovell St. DS of bridge, south bank			Shirley, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
CT0016	CT01	F. C. (col/100 ml)	15	28	44	100	40	780	40
CT0016	CT01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	40
CT0016	CT01	D.O. (mg/L)	9.4	7.0	6.1	4.0	6.4	7.7	8.6
CT0016	CT01	Temp. (oC)	14	16	23	20	20	14	11
CT0016	CT01	D.O. (% sat)	91.4	71.0	71.3	44.1	70.6	74.8	78.1
CT0016	CT01	pH	6.9	7.0	7.0	7.1	6.9	7.3	7.0
CT0016	CT01	Alk (mg/L)	15.3	ND	ND	24.9	26.1	25.9	23.7

Catacounameaug Brook. Lovell St. DS of bridge, south bank			Shirley, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
CT0016	CT01	F.C. (col/100 ml)	ND	ND	70	330	50	40	80
CT0016	CT01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
CT0016	CT01	D.O. (mg/L)	ND	5.4	7.7	2.3	5.9	6.1	4.4
CT0016	CT01	Temp. (°C)	ND	12	16	20	24	20	7
CT0016	CT01	D.O. (% sat)	ND	50.2	78.2	25.4	70.2	67.3	36.3
CT0016	CT01	pH	ND	6.55	6.81	6.73	6.65	6.56	6.38
CT0016	CT01	Alk (mg/L)	ND	17.8	20.8	3.6	32.6	33.1	18.4

Data by Site 1996-2005

Catacounamaug Brook. Lovell St. DS of bridge, south bank			Shirley, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
CT0016	CT01-03	F.C. (col/100 ml)	10	ND	52	44	124	65	100
CT0016	CT01-03	E. coli (col/100 ml)	ND	ND	ND	ND	435	800	100
CT0016	CT01-03	D.O. (mg/L)	9.40	7.40	6.20	5.70	4.70	5.50	7.80
CT0016	CT01-03	Temp (C)	8	11	18	20	24	19	9
CT0016	CT01-03	D.O. (% sat)	79.5	67.2	65.6	62.8	55.9	59.4	67.5
CT0016	CT01-03	pH	6.30	6.30	6.53	ND	6.51	ND	ND
CT0016	CT01-03	Alk (mg/L)	14.2	17.7	22.1	ND	25.6	ND	ND

Catacounamaug Brook. Lovell St. DS of bridge, south bank			Shirley, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
CT0016	CT01-04	F.C. (col/100 ml)	24	ND	640	170	270	440	320
CT0016	CT01-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
CT0016	CT01-04	D.O. (mg/L)	8.8	7.4	6.6	7.2	ND	7.0	8.2
CT0016	CT01-04	Temp (C)	8.5	18.5	20.5	22.0	22.5	18.0	16.0
CT0016	CT01-04	D.O. (% sat)	76.1	79.9	74.2	82.6	ND	74.1	83.2
CT0016	CT01-04	pH	6.46	7.28	7.35	ND	7.34	7.36	7.03
CT0016	CT01-04	Alk (mg/L)	18.6	20.8	6.1	ND	25.0	20.5	22.9

Catacounamaug Brook. Phoenix Rd bridge at culvert. (DS 96-00, US 01-03)			Shirley, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	5/31	7/18	8/15	9/18	10/16
CT0104	44525.001.0 (4.3)	F.C. (col/100 ml)	ND	ND	70	ND	ND	ND	ND
CT0104	44525.001.0 (4.3)	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
CT0104	44525.001.0 (4.3)	D.O. (mg/L)	ND	ND	9.0	2.9	4.7	5.2	4.6
CT0104	44525.001.0 (4.3)	Temp (C)	ND	ND	20.0	25.0	21.0	15.0	10.0
CT0104	44525.001.0 (4.3)	D.O. (% sat)	ND	ND	99.0	35.0	53.0	52.0	41.0
CT0104	44525.001.0 (4.3)	pH	ND	ND	6.8	6.8	7.2	6.6	6.8
CT0104	44525.001.0 (4.3)	Alk (mg/L)	ND	ND	19.5	21.9	18.5	9.0	21.0
CT0104	44525.001.0 (4.3)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
CT0104	44525.001.0 (4.3)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

Catacounamaug Brook. Phoenix Rd bridge at culvert. (DS 96-00, US 01-03)			Shirley, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
CT0104	44525.001.00	F.C. (col/100 ml)	256	ND	304	512	310	560	ND
CT0104	44525.001.00	E. coli (col/100 ml)	140	ND	ND	200	ND	ND	ND
CT0104	44525.001.00	D.O. (mg/L)	8.8	ND	5.8	6.0	6.5	ND	ND
CT0104	44525.001.00	Temp (C)	7.0	ND	20.0	24.0	20.0	20.0	ND
CT0104	44525.001.00	D.O. (% sat)	73.0	ND	64.0	71.0	72.0	ND	ND
CT0104	44525.001.00	pH	6.5	ND	6.8	6.9	7.0	6.8	ND
CT0104	44525.001.00	Alk (mg/L)	16.0	ND	25.0	32.0	27.0	30.0	ND

Catacounamaug Brook. Phoenix Rd bridge at culvert. (DS 96-00, US 01-03)			Shirley, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
CT0104	44525.001.00	F.C. (col/100 ml)	ND	118	114	ND	ND	ND	ND
CT0104	44525.001.00	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
CT0104	44525.001.00	D.O. (mg/L)	ND	5.2	6.3	ND	ND	ND	ND
CT0104	44525.001.00	Temp (C)	ND	17	20	ND	ND	ND	ND
CT0104	44525.001.00	D.O. (% sat)	ND	54	69	ND	ND	ND	ND
CT0104	44525.001.00	pH	ND	6.2	6.85	ND	ND	ND	ND
CT0104	44525.001.00	Alk (mg/L)	ND	13	19.5	ND	ND	ND	ND
CT0104	44525.001.00	BOD	ND	ND	ND	ND	ND	ND	ND

Data by Site 1996-2005

Catacounameaug Brook. Phoenix Rd bridge at culvert. (DS 96-00, US 01-03)										Shirley, MA	
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16		
CT0104	99803	F.C. (col/100 ml)	ND	TNTC	200	TNTC	ND	TNTC	260		
CT0104	99803	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND		
CT0104	99803	D.O. (mg/L)	ND	7.8	4.7	3.2	3.3	ND	7.9		
CT0104	99803	Temp. (°C)	10.0	18.0	16.0	24.0	23.0	19.0	10.0		
CT0104	99803	D.O. (% sat)	ND	82.5	47.7	38.1	38.6	ND	70.1		
CT0104	99803	pH	6.7	7.0	6.8	6.8	6.7	6.5	6.8		
CT0104	99803	Alk (mg/L)	20.0	21.2	24.3	30.7	30.0	16.6	18.7		

Catacounameaug Brook. Phoenix Rd bridge at culvert. (DS 96-00, US 01-03)										Shirley, MA	
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14		
CT0104	CT01	F. C. (col/100 ml)	42	ND	60	ND	96	292	12		
CT0104	CT01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND		
CT0104	CT01	D.O. (mg/L)	9.3	9.7	7.6	ND	8.0	7.2	8.8		
CT0104	CT01	Temp. (oC)	9.0	13.0	21.0	ND	19.0	15.0	10.0		
CT0104	CT01	D.O. (% sat)	80.5	92.2	85.4	ND	86.4	71.5	78.1		
CT0104	CT01	pH	6.6	6.9	6.9	ND	6.9	6.7	6.9		
CT0104	CT01	Alk (mg/L)	12.7	17.3	17.6	ND	24.6	26.2	21.8		

Catacounameaug Brook. Phoenix Rd bridge at culvert. (DS 96-00, US 01-03)										Shirley, MA	
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20		
CT0104	CT02	F. C. (col/100 ml)	20	80	ND	152	160	860	10		
CT0104	CT02	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND		
CT0104	CT02	D.O. (mg/L)	9.4	8.2	6.9	5.7	5.6	7.8	7.7		
CT0104	CT02	Temp. (oC)	10	15	23	21	19	10	11		
CT0104	CT02	D.O. (% sat)	83.4	81.4	80.6	64.0	60.5	69.2	69.9		
CT0104	CT02	pH	6.8	7.0	7.0	6.9	6.7	7.0	7.0		
CT0104	CT02	Alk (mg/L)	14.0	ND	ND	30.7	26.0	24.7	23.7		

Catacounameaug Brook. Phoenix Rd bridge at culvert. (DS 96-00, US 01-03)										Shirley, MA	
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19		
CT0104	CT02	F.C. (col/100 ml)	ND	ND	325	215	580	120	80		
CT0104	CT02	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND		
CT0104	CT02	D.O. (mg/L)	ND	7.5	6.9	3.4	3.3	3.8	6.2		
CT0104	CT02	Temp. (°C)	ND	11	16	20	23	18	10		
CT0104	CT02	D.O. (% sat)	ND	68.1	70.1	37.5	38.6	40.2	55.0		
CT0104	CT02	pH	ND	6.58	6.62	6.61	6.17	6.42	6		
CT0104	CT02	Alk (mg/L)	ND	17.7	20.2	24.0	28.3	29.5	22.2		

Catacounameaug Brook. Phoenix Rd bridge at culvert. (DS 96-00, US 01-03)										Shirley, MA	
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18		
CT0104	CT02-03	F.C. (col/100 ml)	0	ND	64	96	92	65	100		
CT0104	CT02-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	20		
CT0104	CT02-03	D.O. (mg/L)	8.90	6.90	6.50	5.80	4.50	6.70	1.60		
CT0104	CT02-03	Temp (C)	8	12	19	19.5	25	18	10		
CT0104	CT02-03	D.O. (% sat)	75.2	64.1	70.2	63.3	54.6	70.9	14.2		
CT0104	CT02-03	pH	6.23	6.44	ND	6.26	ND	ND	ND		
CT0104	CT02-03	Alk (mg/L)	12.6	17.6	ND	24.7	ND	ND	ND		

Data by Site 1996-2005

Catacounameaug Brook. At Main St bridge next to Gionet's gas station									
Shirley, MA									
New Site ID	Old Site ID	Date (1996)	4/19	5/17	5/31	7/18	8/15	9/18	10/16
CT0195	44525.002.4 (4.2)	F.C. (col/100 ml)	ND	ND	50	38	110	520	ND
CT0195	44525.002.4 (4.2)	E. coli (col/100 ml)	ND	ND	0	ND	ND	ND	ND
CT0195	44525.002.4 (4.2)	D.O. (mg/L)	ND	ND	8.0	3.6	4.4	5.4	5.9
CT0195	44525.002.4 (4.2)	Temp (C)	ND	ND	20.0	25.0	21.0	14.0	10.0
CT0195	44525.002.4 (4.2)	D.O. (% sat)	ND	ND	88.0	44.0	49.0	52.0	52.0
CT0195	44525.002.4 (4.2)	pH	ND	ND	6.7	6.9	7.2	6.8	6.8
CT0195	44525.002.4 (4.2)	Alk (mg/L)	ND	ND	19.0	23.9	20.0	11.2	20.0
CT0195	44525.002.4 (4.2)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
CT0195	44525.002.4 (4.2)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

Catacounameaug Brook. At Main St bridge next to Gionet's gas station									
Shirley, MA									
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
CT0195	44525.002.00	F.C. (col/100 ml)	292	ND	284	732	850	40	ND
CT0195	44525.002.00	E. coli (col/100 ml)	120	ND	ND	60	ND	ND	ND
CT0195	44525.002.00	D.O. (mg/L)	8.3	ND	7.3	7.0	6.5	ND	ND
CT0195	44525.002.00	Temp (C)	8.0	ND	20.0	25.0	21.0	20.0	ND
CT0195	44525.002.00	D.O. (% sat)	70.0	ND	80.0	85.0	73.0	ND	ND
CT0195	44525.002.00	pH	6.6	ND	6.8	6.9	7.2	7.0	ND
CT0195	44525.002.00	Alk (mg/L)	15.0	ND	25.0	26.0	27.0	29.0	ND

Catacounameaug Brook. At Main St bridge next to Gionet's gas station									
Shirley, MA									
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
CT0195	44525.002.00	F.C. (col/100 ml)	ND	60	72	ND	ND	ND	ND
CT0195	44525.002.00	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
CT0195	44525.002.00	D.O. (mg/L)	ND	5.2	6.7	ND	ND	ND	ND
CT0195	44525.002.00	Temp (C)	ND	16	20	ND	ND	ND	ND
CT0195	44525.002.00	D.O. (% sat)	ND	53	74	ND	ND	ND	ND
CT0195	44525.002.00	pH	ND	6.2	6.95	ND	ND	ND	ND
CT0195	44525.002.00	Alk (mg/L)	ND	14.3	14.6	ND	ND	ND	ND
CT0195	44525.002.00	BOD	ND	ND	ND	ND	ND	ND	ND

Catacounameaug Brook. At Main St bridge next to Gionet's gas station									
Shirley, MA									
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
CT0195	99802	F.C. (col/100 ml)	ND	46	320	106	1000	TNTC	10
CT0195	99802	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
CT0195	99802	D.O. (mg/L)	7.2	9.2	5.7	2.8	4.5	ND	10.0
CT0195	99802	Temp. (°C)	10.0	15.0	18.0	24.0	23.0	18.0	10.0
CT0195	99802	D.O. (% sat)	63.9	91.4	60.3	33.3	52.6	ND	88.7
CT0195	99802	pH	6.8	7.2	7.2	7.3	7.2	6.5	7.0
CT0195	99802	Alk (mg/L)	22.0	20.8	25.5	28.9	25.6	11.8	18.1

Catacounameaug Brook. At Main St bridge next to Gionet's gas station									
Shirley, MA									
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
CT0195	CT02	F. C. (col/100 ml)	ND	ND	ND	ND	40	124	20
CT0195	CT02	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
CT0195	CT02	D.O. (mg/L)	9.7	7.7	7.3	ND	7.4	8.8	9.6
CT0195	CT02	Temp. (°C)	9.0	13.0	21.0	ND	19.0	16.0	12.0
CT0195	CT02	D.O. (% sat)	83.5	73.2	82.0	ND	79.9	89.3	89.2
CT0195	CT02	pH	6.5	6.8	7.0	ND	7.1	7.0	7.0
CT0195	CT02	Alk (mg/L)	12.2	17.3	18.4	ND	24.8	28.7	23.8

Data by Site 1996-2005

Catacounameaug Brook. At Main St bridge next to Gionet's gas station										Shirley, MA	
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20		
CT0195	CT03	F. C. (col/100 ml)	30	128	100	110	120	70	860		
CT0195	CT03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND		
CT0195	CT03	D.O. (mg/L)	10.0	8.1	5.6	4.1	4.8	8.8	8.6		
CT0195	CT03	Temp. (oC)	10	16	23	21	21	19	12		
CT0195	CT03	D.O. (% sat)	88.7	82.2	65.4	46.1	53.9	95.0	79.9		
CT0195	CT03	pH	7.0	7.0	6.9	7.0	7.1	7.4	7.0		
CT0195	CT03	Alk (mg/L)	13.8	ND	ND	31.3	28.1	25.4	23.1		

Catacounameaug Brook. At Main St bridge next to Gionet's gas station										Shirley, MA	
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19		
CT0195	CT03	F.C. (col/100 ml)	ND	ND	260	TNTC	310	160	20		
CT0195	CT03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND		
CT0195	CT03	D.O. (mg/L)	ND	5.4	8.1	2.8	6.0	7.8	7.5		
CT0195	CT03	Temp. (°C)	ND	12	14	22	24	19	12		
CT0195	CT03	D.O. (% sat)	ND	50.2	78.7	32.1	71.4	84.2	69.7		
CT0195	CT03	pH	ND	6.55	6.56	6.85	6.98	7.21	6.47		
CT0195	CT03	Alk (mg/L)	ND	17.8	20.1	25.9	33.2	28.7	16.8		

Catacounameaug Brook. Below Lake Shirley dam, south bank, DS of bridge										Shirley, MA	
New Site ID	Old Site ID	Date (1996)	4/19	5/17	5/31	7/18	8/15	9/18	10/16		
CT0425	44525.004.7 (4.4)	F.C. (col/100 ml)	ND	ND	20	228	6	280	ND		
CT0425	44525.004.7 (4.4)	E. coli (col/100 ml)	ND	ND	40	ND	ND	ND	ND		
CT0425	44525.004.7 (4.4)	D.O. (mg/L)	ND	ND	8.8	4.1	4.6	4.8	5.6		
CT0425	44525.004.7 (4.4)	Temp (C)	ND	ND	20.0	25.0	21.0	15.0	10.0		
CT0425	44525.004.7 (4.4)	D.O. (% sat)	ND	ND	96.0	50.0	52.0	48.0	50.0		
CT0425	44525.004.7 (4.4)	pH	ND	ND	6.9	7.1	7.2	6.4	6.8		
CT0425	44525.004.7 (4.4)	Alk (mg/L)	ND	ND	20.0	19.2	22.0	11.6	21.8		
CT0425	44525.004.7 (4.4)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND		
CT0425	44525.004.7 (4.4)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND		

Catacounameaug Brook. Below Lake Shirley dam, south bank, DS of bridge										Shirley, MA	
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16		
CT0425	99801	F.C. (col/100 ml)	ND	14	10	8	10	20	0		
CT0425	99801	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND		
CT0425	99801	D.O. (mg/L)	4.0	8.5	4.5	3.5	3.6	ND	7.8		
CT0425	99801	Temp. (°C)	10.0	13.0	17.0	20.0	20.0	19.0	15.0		
CT0425	99801	D.O. (% sat)	35.5	80.8	46.6	38.6	39.7	ND	77.5		
CT0425	99801	pH	6.4	6.4	6.6	6.6	6.6	6.4	6.8		
CT0425	99801	Alk (mg/L)	24.0	21.1	23.7	22.9	24.5	22.2	22.8		

Catacounameaug Brook. Below Lake Shirley dam, south bank, DS of bridge										Shirley, MA	
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14		
CT0425	CT03	F. C. (col/100 ml)	ND	ND	ND	ND	ND	16	4		
CT0425	CT03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND		
CT0425	CT03	D.O. (mg/L)	10.1	7.8	8.0	ND	7.1	6.3	11.1		
CT0425	CT03	Temp. (oC)	10.0	16.0	21.0	ND	21.0	20.0	10.0		
CT0425	CT03	D.O. (% sat)	89.6	79.2	89.9	ND	79.7	69.4	98.5		
CT0425	CT03	pH	6.8	6.8	7.2	ND	7.0	6.7	6.9		
CT0425	CT03	Alk (mg/L)	13.3	22.1	20.5	ND	24.9	29.3	22.9		

Data by Site 1996-2005

Catacounameag Brook. Below Lake Shirley dam, south bank, DS of bridge			Shirley, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
CT0425	CT04	F. C. (col/100 ml)	1	48	12	60	40	580	ND
CT0425	CT04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
CT0425	CT04	D.O. (mg/L)	6.3	8.8	7.2	5.7	1.2	4.3	8.1
CT0425	CT04	Temp. (oC)	8	15	25	23	20	18	13
CT0425	CT04	D.O. (% sat)	53.3	87.4	87.3	66.6	13.2	45.5	77.0
CT0425	CT04	pH	6.3	7.2	7.0	6.8	6.4	6.9	7.1
CT0425	CT04	Alk (mg/L)	17.2	ND	17.5	22.6	13.0	24.0	22.9

Flint Brook. 50' US of confluence with Nashua mainster			Hollis, NH						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
FT0004	Flint Brook	F.C. (col/100 ml)	20	94	40	20	ND	ND	20
FT0004	Flint Brook	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
FT0004	Flint Brook	D.O. (mg/L)	10.5	9.5	8	16.5	ND	ND	10.5
FT0004	Flint Brook	Temp (C)	8	12	16	15	ND	ND	7
FT0004	Flint Brook	D.O. (% sat)	89	90	81	164	ND	ND	87
FT0004	Flint Brook	pH	7.1	7.1	7.1	7.2	ND	ND	7
FT0004	Flint Brook	Alk (mg/L)	39	41	38	48	ND	ND	37
FT0004	Flint Brook	BOD	ND	ND	ND	ND	ND	ND	ND

Flint Brook at Rt. 130			Hollis, NH						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
FT0380	FLT01	F.C. (col/100 ml)	ND	ND	ND	ND	0	5	ND
FT0380	FLT01	E. coli (col/100 ml)	ND	ND	120	0	0	0	10
FT0380	FLT01	D.O. (mg/L)	ND	ND	4.2	2.8	3.6	ND	2.2
FT0380	FLT01	Temp. (°C)	ND	ND	12.5	12	19	20	8
FT0380	FLT01	D.O. (% sat)	ND	ND	39.4	26	38.9	ND	18.6
FT0380	FLT01	pH	ND	ND	6.7	6.53	6.89	7.05	6.25
FT0380	FLT01	Alk (mg/L)	ND	ND	24.6	71.4	53.7	48.8	20.4

Mouth of James Brook			Ayer, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
JB0000	43925.000.00 (1)	F.C. (col/100 ml)	72	188	ND	ND	10	0	0
JB0000	43925.000.00 (1)	E. coli (col/100 ml)	20	ND	ND	ND	ND	ND	ND
JB0000	43925.000.00 (1)	D.O. (mg/L)	10.0	2.3	ND	ND	2.0	1.8	1.0
JB0000	43925.000.00 (1)	Temp (C)	6.0	8.0	ND	ND	20.0	18.0	9.0
JB0000	43925.000.00 (1)	D.O. (% sat)	80.0	19.0	ND	ND	22.0	19.0	8.6
JB0000	43925.000.00 (1)	pH	6.7	7.0	ND	ND	6.7	6.6	6.7
JB0000	43925.000.00 (1)	Alk (mg/L)	19.0	37.5	ND	ND	66.0	58.0	61.0

James Brook. At Shirley Rd. US of bridge.			Ayer, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
JB0033	43925.000.30	F.C. (col/100 ml)	166	ND	200	340	ND	770	230
JB0033	43925.000.30	E. coli (col/100 ml)	40	ND	ND	Na	ND	440	60
JB0033	43925.000.30	D.O. (mg/L)	9.5	ND	6.75	8	ND	5.75	11
JB0033	43925.000.30	Temp (C)	11	ND	18	22	ND	18	8
JB0033	43925.000.30	D.O. (% sat)	86	ND	71	92	ND	61	93
JB0033	43925.000.30	pH	7.1	ND	7.1	7.3	ND	7.2	6.9
JB0033	43925.000.30	Alk (mg/L)	31.5	ND	41	45	ND	58	32
JB0033	43925.000.30	BOD	ND	ND	ND	ND	ND	ND	ND

Data by Site 1996-2005

James Brook. At Shirley Rd. US of bridge.			Ayer, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
JB0033	JB01-03	F.C. (col/100 ml)	10	ND	72	192	0	ND	ND
JB0033	JB01-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
JB0033	JB01-03	D.O. (mg/L)	8.50	ND	2.40	3.00	1.20	2.30	ND
JB0033	JB01-03	Temp (C)	13	ND	15	14	20	18	ND
JB0033	JB01-03	D.O. (% sat)	80.8	ND	23.8	29.2	13.2	23.3	ND
JB0033	JB01-03	pH	6.06	ND	6.09	6.14	5.91	6.00	ND
JB0033	JB01-03	Alk (mg/L)	14.4	ND	21.9	19.3	18.7	20.4	ND

James Brook. At Rt 111 bridge US. Dirt road follows brook upstream			Ayer, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
JB0121	99101	F.C. (col/100 ml)	ND	50	205	105	ND	ND	ND
JB0121	99101	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
JB0121	99101	D.O. (mg/L)	8.4	7.6	6.8	3.4	ND	ND	ND
JB0121	99101	Temp. (°C)	8.0	12.0	14.0	17.0	ND	ND	ND
JB0121	99101	D.O. (% sat)	71.1	63.3	66.1	35.2	ND	ND	ND
JB0121	99101	pH	6.9	7.0	7.3	6.6	ND	ND	ND
JB0121	99101	Alk (mg/L)	32.0	48.0	66.0	43.0	ND	ND	ND

James Brook. At Rt 111 bridge US. Dirt road follows brook upstream			Ayer, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
JB0121	JB01	F. C. (col/100 ml)	ND	ND	ND	170	15	ND	ND
JB0121	JB01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
JB0121	JB01	D.O. (mg/L)	9.0	8.8	ND	19.7	7.3	ND	ND
JB0121	JB01	Temp. (°C)	8.0	9.0	ND	18.5	17.0	ND	ND
JB0121	JB01	D.O. (% sat)	76.1	76.2	ND	210.7	75.6	ND	ND
JB0121	JB01	pH	6.8	6.9	ND	7.2	7.2	ND	ND
JB0121	JB01	Alk (mg/L)	31.3	37.0	ND	54.1	53.4	ND	ND

James Brook. At Rt 111 bridge US. Dirt road follows brook upstream			Ayer, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
JB0121	JB01	F. C. (col/100 ml)	ND	ND	256	88	760	680	ND
JB0121	JB01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
JB0121	JB01	D.O. (mg/L)	ND	ND	2.5	5.4	6.8	8.8	8.1
JB0121	JB01	Temp. (°C)	ND	ND	21	16	20	12	8
JB0121	JB01	D.O. (% sat)	ND	ND	28.1	54.8	75.0	81.8	68.5
JB0121	JB01	pH	ND	ND	7.1	7.0	7.1	7.1	6.7
JB0121	JB01	Alk (mg/L)	ND	ND	50.4	51.9	ND	39.8	41.7

Mine Falls Park Millpond C, north end where pond returns to slough.			Nashua, NH						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
MP0000	99603	F.C. (col/100 ml)	ND	0	25	25	TNTC	125	160
MP0000	99603	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
MP0000	99603	D.O. (mg/L)	10.1	10.6	6.5	5.4	5.6	3.9	2.7
MP0000	99603	Temp. (°C)	ND	18.0	21.0	28.0	26.0	19.0	13.0
MP0000	99603	D.O. (% sat)	ND	112.2	73.0	69.1	69.2	42.1	25.6
MP0000	99603	pH	6.8	6.7	7.1	7.3	7.2	7.0	6.8
MP0000	99603	Alk (mg/L)	ND	27.0	35.0	40.0	46.0	49.0	33.0

Data by Site 1996-2005

Mine Falls Park Millpond C, north end where pond returns to slough.			Nashua, NH						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
MP0000	MP02	F. C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
MP0000	MP02	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
MP0000	MP02	D.O. (mg/L)	11.6	8.8	ND	ND	ND	ND	ND
MP0000	MP02	Temp. (oC)	10.0	14.0	ND	ND	ND	ND	ND
MP0000	MP02	D.O. (% sat)	102.9	85.5	ND	ND	ND	ND	ND
MP0000	MP02	pH	7.0	6.9	ND	ND	ND	ND	ND
MP0000	MP02	Alk (mg/L)	37.9	37.9	ND	ND	ND	ND	ND

Mine Falls Millpond A, 15 ft north of southernmost parkinglot drainage outfall			Nashua, NH						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
MP0005	99601	F.C. (col/100 ml)	20	230	150	0	TNTC	120	15
MP0005	99601	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
MP0005	99601	D.O. (mg/L)	3.9	2.5	1.6	1.9	3.2	5.3	1.7
MP0005	99601	Temp. (°C)	8.0	10.0	15.0	23.0	23.5	17.0	12.0
MP0005	99601	D.O. (% sat)	33.0	22.2	15.9	22.2	37.7	54.9	15.8
MP0005	99601	pH	5.8	5.9	6.6	6.7	6.0	6.5	6.2
MP0005	99601	Alk (mg/L)	14.0	29.0	32.0	11.0	11.0	64.0	35.0

Mine Falls Millpond A, 15 ft north of southernmost parkinglot drainage outfall			Nashua, NH						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
MP0005	MP01	F. C. (col/100 ml)	2300	40	ND	ND	ND	ND	ND
MP0005	MP01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
MP0005	MP01	D.O. (mg/L)	2.5	9.5	ND	ND	ND	ND	ND
MP0005	MP01	Temp. (oC)	9.0	12.0	ND	ND	ND	ND	ND
MP0005	MP01	D.O. (% sat)	21.6	88.3	ND	ND	ND	ND	ND
MP0005	MP01	pH	5.7	6.1	ND	ND	ND	ND	ND
MP0005	MP01	Alk (mg/L)	14.0	25.9	ND	ND	ND	ND	ND

Mine Falls Millpond B, 75 yds north of site MP0097			Nashua, NH						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
MP0010	99602	F.C. (col/100 ml)	114	0	0	25	695	790	120
MP0010	99602	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	20
MP0010	99602	D.O. (mg/L)	10.9	11.0	7.5	2.7	1.1	3.7	4.0
MP0010	99602	Temp. (°C)	10.0	9.0	18.0	26.5	25.0	15.5	9.0
MP0010	99602	D.O. (% sat)	96.7	95.2	79.4	33.9	13.3	37.1	34.6
MP0010	99602	pH	6.8	6.8	7.1	6.9	6.8	7.0	ND
MP0010	99602	Alk (mg/L)	24.0	27.0	32.0	38.0	48.0	45.0	ND

Mulpus Brook. Hazen Rd. off of Rt 2A			Shirley, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
MU0101	MU01	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
MU0101	MU01	E. coli (col/100 ml)	0	52	ND	24	TNTC	48	460
MU0101	MU01	D.O. (mg/L)	10.5	7.0	7.1	6.0	6.9	6.40	8.5
MU0101	MU01	Temp (C)	8	14	16	26	20	19.5	14
MU0101	MU01	D.O. (% sat)	88.8	68.0	72.1	74.2	76.1	70.6	82.6
MU0101	MU01	pH	6.91	6.71	6.71	6.81	7.08	6.85	6.43
MU0101	MU01	Alk (mg/L)	10.6	11.5	15.2	16.5	26.6	21.60	8.3

Data by Site 1996-2005

Mulpus Brook. Rt 2A under covered bridge behind Bull Run Restaurant			Shirley, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	5/31	7/20	8/16	9/18	10/18
MU0332	44275.003.2 (6.1)	F.C. (col/100 ml)	ND	ND	120	56	ND	270	ND
MU0332	44275.003.2 (6.1)	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
MU0332	44275.003.2 (6.1)	D.O. (mg/L)	ND	ND	ND	3.4	ND	5.6	ND
MU0332	44275.003.2 (6.1)	Temp (C)	ND	ND	20.0	18.0	ND	15.0	ND
MU0332	44275.003.2 (6.1)	D.O. (% sat)	ND	ND	ND	36.0	ND	56.0	ND
MU0332	44275.003.2 (6.1)	pH	ND	ND	6.7	6.8	ND	6.1	ND
MU0332	44275.003.2 (6.1)	Alk (mg/L)	ND	ND	14.0	12.7	ND	7.3	ND
MU0332	44275.003.2 (6.1)	N (mg/L)	ND	ND	ND	1.530	ND	ND	ND
MU0332	44275.003.2 (6.1)	P (mg/L)	ND	ND	ND	0.019	ND	ND	ND

Mulpus Brook. On Rt 225 from intersection of Rt 2A and 22!			Shirley, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	5/31	7/20	8/16	9/18	10/18
MU0619	44275.005.0 (6.2)	F.C. (col/100 ml)	ND	ND	140	100	ND	90	ND
MU0619	44275.005.0 (6.2)	E. coli (col/100 ml)	ND	ND	0	ND	ND	ND	ND
MU0619	44275.005.0 (6.2)	D.O. (mg/L)	ND	ND	ND	4.7	ND	4.1	ND
MU0619	44275.005.0 (6.2)	Temp (C)	ND	ND	14.0	22.0	ND	13.0	ND
MU0619	44275.005.0 (6.2)	D.O. (% sat)	ND	ND	ND	54.0	ND	39.0	ND
MU0619	44275.005.0 (6.2)	pH	ND	ND	6.7	6.9	ND	6.7	ND
MU0619	44275.005.0 (6.2)	Alk (mg/L)	ND	ND	11.0	10.2	ND	6.8	ND
MU0619	44275.005.0 (6.2)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
MU0619	44275.005.0 (6.2)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

Mouth of Nonacoicus Brook			Ayer, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/15	7/20	8/18	9/21	10/18
NB0001	44325.000.0 (9.2)	F.C. (col/100 ml)	ND	ND	116	16	52	140	ND
NB0001	44325.000.0 (9.2)	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NB0001	44325.000.0 (9.2)	D.O. (mg/L)	ND	ND	6.0	2.0	3.0	4.0	ND
NB0001	44325.000.0 (9.2)	Temp (C)	ND	ND	22.0	20.0	21.0	15.0	ND
NB0001	44325.000.0 (9.2)	D.O. (% sat)	ND	ND	64.0	27.0	34.0	39.0	ND
NB0001	44325.000.0 (9.2)	pH	ND	ND	7.1	6.8	6.8	6.9	ND
NB0001	44325.000.0 (9.2)	Alk (mg/L)	ND	ND	30.1	28.0	42.5	31.5	ND
NB0001	44325.000.0 (9.2)	N (mg/L)	ND	ND	ND	1.550	ND	ND	ND
NB0001	44325.000.0 (9.2)	P (mg/L)	ND	ND	ND	0.019	ND	ND	ND

Nonacoicus Brook. On upstream side of Bishop Rd bridge			Ayer, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NB0006	44325.001.75	F.C. (col/100 ml)	13	20	80	60	ND	248	20
NB0006	44325.001.75	E. coli (col/100 ml)	20	0	ND	ND	ND	120	ND
NB0006	44325.001.75	D.O. (mg/L)	13.5	9.5	6.25	7	ND	6.5	10.5
NB0006	44325.001.75	Temp (C)	13	18	21	26	ND	16	10
NB0006	44325.001.75	D.O. (% sat)	128	100	70	87	ND	66	93
NB0006	44325.001.75	pH	6.9	6.9	6.6	7.1	ND	7.1	7
NB0006	44325.001.75	Alk (mg/L)	28.5	16	18	30	ND	58	30
NB0006	44325.001.75	BOD	1.92	ND	ND	ND	ND	2.18	ND

Nonacoicus Brook. On upstream side of Bishop Rd bridge			Ayer, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
NB0006	NB01	F. C. (col/100 ml)	ND	ND	20	85	55	ND	ND
NB0006	NB01	E. coli (col/100 ml)	520	ND	ND	ND	ND	ND	ND
NB0006	NB01	D.O. (mg/L)	7.4	ND	3.9	2.9	6.6	ND	ND
NB0006	NB01	Temp. (oC)	10.0	ND	22.0	20.0	ND	ND	ND
NB0006	NB01	D.O. (% sat)	65.7	ND	44.7	32.0	ND	ND	ND
NB0006	NB01	pH	6.5	ND	6.8	6.9	6.9	ND	ND
NB0006	NB01	Alk (mg/L)	34.7	ND	25.9	41.0	33.0	ND	ND

Data by Site 1996-2005

Nonacoicus Brook. On upstream side of Bishop Rd bridge			Ayer, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
NB0006	NB01	F. C. (col/100 ml)	ND	ND	196	80	TNTC	400	10
NB0006	NB01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NB0006	NB01	D.O. (mg/L)	ND	ND	4.0	4.2	5.2	7.2	7.3
NB0006	NB01	Temp. (oC)	ND	ND	22	16	22	12	9
NB0006	NB01	D.O. (% sat)	ND	ND	45.9	42.6	59.6	66.9	63.2
NB0006	NB01	pH	ND	ND	6.8	6.9	6.8	7.1	6.7
NB0006	NB01	Alk (mg/L)	ND	ND	28.4	36.2	ND	51.9	54.0

Nonacoicus Brook. US of Main Street bridge			Ayer, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NB0196	44325.001.75 (1)	F.C. (col/100 ml)	4	400	ND	ND	ND	0	ND
NB0196	44325.001.75 (1)	E. coli (col/100 ml)	40	ND	ND	ND	ND	0	ND
NB0196	44325.001.75 (1)	D.O. (mg/L)	9.3	9.5	ND	ND	ND	7.3	ND
NB0196	44325.001.75 (1)	Temp (C)	10.0	15.0	ND	ND	ND	20.0	ND
NB0196	44325.001.75 (1)	D.O. (% sat)	82.0	94.0	ND	ND	ND	80.0	ND
NB0196	44325.001.75 (1)	pH	7.3	7.1	ND	ND	ND	6.9	ND
NB0196	44325.001.75 (1)	Alk (mg/L)	18.5	23.0	ND	ND	ND	30.0	ND

Nonacoicus Brook. US of Main Street bridge			Ayer, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
NB0196	99301	F.C. (col/100 ml)	ND	70	160	60	610	ND	ND
NB0196	99301	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NB0196	99301	D.O. (mg/L)	7.3	6.8	1.6	2.1	4.1	ND	ND
NB0196	99301	Temp. (°C)	10.0	14.0	14.0	22.0	21.5	ND	ND
NB0196	99301	D.O. (% sat)	64.8	66.1	15.5	24.1	46.5	ND	ND
NB0196	99301	pH	6.9	6.7	7.1	7.1	7.1	ND	ND
NB0196	99301	Alk (mg/L)	30.0	39.0	81.0	85.0	73.0	ND	ND

Reedy Meadow Brook, us of Shawnee Rd			Pepperell, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
RM0003	RMB01	F. C. (col/100 ml)	ND	ND	ND	ND	225	65	50
RM0003	RMB01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
RM0003	RMB01	D.O. (mg/L)	10.0	ND	ND	ND	5.8	6.6	6.7
RM0003	RMB01	Temp. (oC)	8	ND	ND	ND	23	20	11
RM0003	RMB01	D.O. (% sat)	84.5	ND	ND	ND	84.5	72.8	60.9
RM0003	RMB01	pH	6.1	ND	ND	ND	7.1	7.2	6.9
RM0003	RMB01	Alk (mg/L)	1.5	ND	ND	ND	40.6	36.9	33.6

378 Still River Rd. Bolton Flats WMA			Bolton, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
ST0191	ST01-03	F.C. (col/100 ml)	0	5	20	ND	72	85	25
ST0191	ST01-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	20
ST0191	ST01-03	D.O. (mg/L)	4.60	3.50	2.10	1.30	0.30	1.60	2.90
ST0191	ST01-03	Temp (C)	11	14	21	24	25	20	11
ST0191	ST01-03	D.O. (% sat)	41.8	34	23.6	15.5	3.64	17.6	26.3
ST0191	ST01-03	pH	6.13	6.30	6.36	6.16	6.49	ND	6.04
ST0191	ST01-03	Alk (mg/L)	14.0	27.9	32.6	34.9	44.2	ND	34.7

Data by Site 1996-2005

Rt. 117 crosses Still River near Rt 110. US, LB.			Bolton, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/15	7/20	8/16	9/21	10/18
ST0426	44625.003.5 (2.5)	F.C. (col/100 ml)	ND	ND	0	408	255	ND	ND
ST0426	44625.003.5 (2.5)	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
ST0426	44625.003.5 (2.5)	D.O. (mg/L)	ND	ND	2.6	1.9	5.5	2.0	ND
ST0426	44625.003.5 (2.5)	Temp (°C)	ND	ND	17.0	18.0	19.0	14.0	ND
ST0426	44625.003.5 (2.5)	D.O. (% sat)	ND	ND	27.0	20.0	59.0	19.0	ND
ST0426	44625.003.5 (2.5)	pH	ND	ND	6.5	6.8	7.0	6.6	ND
ST0426	44625.003.5 (2.5)	Alk (mg/L)	ND	ND	42.4	37.3	58.0	26.8	ND
ST0426	44625.003.5 (2.5)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
ST0426	44625.003.5 (2.5)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

Town Brook off Nashua River at Night Pasture. Site at 24 Neck Rd. mailbox			Lancaster, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
TB0091	991001	F.C. (col/100 ml)	160	TNTC	1370	570	ND	910	590
TB0091	991001	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
TB0091	991001	D.O. (mg/L)	6.4	9.0	6.2	3.6	4.5	8.2	10.0
TB0091	991001	Temp. (°C)	8.0	11.0	14.0	21.0	21.0	16.0	10.0
TB0091	991001	D.O. (% sat)	54.1	81.7	60.3	40.4	50.6	83.2	88.7
TB0091	991001	pH	6.9	7.2	7.6	7.4	7.2	6.6	7.0
TB0091	991001	Alk (mg/L)	36.0	44.5	80.8	63.6	42.2	37.4	49.4

Town Brook off Nashua River at Night Pasture. Site at 24 Neck Rd. mailbox			Lancaster, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
TB0091	NM07	F. C. (col/100 ml)	274	TNTC	1250	72	400	ND	364
TB0091	NM07	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
TB0091	NM07	D.O. (mg/L)	9.9	8.6	7.8	7.3	7.8	ND	2.3
TB0091	NM07	Temp. (°C)	8.0	10.0	16.0	17.5	16.0	ND	12.0
TB0091	NM07	D.O. (% sat)	83.7	76.3	79.2	76.4	79.2	ND	21.4
TB0091	NM07	pH	6.7	6.9	7.0	7.3	7.0	ND	6.9
TB0091	NM07	Alk (mg/L)	35.8	41.1	50.1	77.4	64.4	ND	68.8

Town Brook off Nashua River at Night Pasture. Site at 24 Neck Rd. mailbox			Lancaster, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
TB0091	NM08	F. C. (col/100 ml)	40	584	100	240	500	280	ND
TB0091	NM08	E. coli (col/100 ml)	TNTC	ND	ND	ND	ND	ND	ND
TB0091	NM08	D.O. (mg/L)	10.0	5.4	1.0	4.0	6.4	6.8	2.6
TB0091	NM08	Temp. (°C)	9	13	15	15	18	11	10
TB0091	NM08	D.O. (% sat)	86.6	51.3	9.9	39.7	67.7	61.8	23.1
TB0091	NM08	pH	7.0	7.1	6.5	7.0	7.4	7.4	7.1
TB0091	NM08	Alk (mg/L)	40.2	ND	34.4	76.2	82.1	33.7	156.6

Thurston's Brook at Warren Road			Harvard, MA						
New Site ID	Old Site ID	Date (2002)	5/18	6/15	7/20	8/17	9/21	10/19	
TH0016	TB01	F.C. (col/100 ml)	ND	ND	ND	110	ND	ND	0
TH0016	TB01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
TH0016	TB01	D.O. (mg/L)	ND	ND	ND	7.1	ND	ND	7.6
TH0016	TB01	Temp. (°C)	ND	ND	ND	15.5	ND	ND	9
TH0016	TB01	D.O. (% sat)	ND	ND	ND	71.3	ND	ND	65.8
TH0016	TB01	pH	ND	ND	ND	5.65	ND	ND	5.16
TH0016	TB01	Alk (mg/L)	ND	ND	ND	1.3	ND	ND	1.3

Data by Site 1996-2005

Unkety Brook. US side of River St bridge. Gravel pit nearby				Dunstable, MA					
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
UK0070	43525.000.50	F.C. (col/100 ml)	ND	ND	ND	608	130	ND	20
UK0070	43525.000.50	E. coli (col/100 ml)	ND	ND	ND	40	ND	ND	ND
UK0070	43525.000.50	D.O. (mg/L)	ND	ND	ND	2.0	3.0	ND	5.5
UK0070	43525.000.50	Temp (C)	ND	ND	ND	23.0	23.0	ND	9.0
UK0070	43525.000.50	D.O. (% sat)	ND	ND	ND	23.0	35.0	ND	47.8
UK0070	43525.000.50	pH	ND	ND	ND	6.7	6.6	ND	6.6
UK0070	43525.000.50	Alk (mg/L)	ND	ND	ND	44.0	37.0	ND	31.5

Unkety Brook. US side of River St bridge. Gravel pit nearby				Dunstable, MA					
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
UK0070	43525.000.50	F.C. (col/100 ml)	13	20	ND	ND	130	871	ND
UK0070	43525.000.50	E. coli (col/100 ml)	80	20	ND	ND	0	ND	ND
UK0070	43525.000.50	D.O. (mg/L)	5.5	7.5	ND	ND	3	3.75	ND
UK0070	43525.000.50	Temp (C)	12	18	ND	ND	22	16	ND
UK0070	43525.000.50	D.O. (% sat)	51	80	ND	ND	34	38	ND
UK0070	43525.000.50	pH	6.63	6.6	ND	ND	6.7	6.6	ND
UK0070	43525.000.50	Alk (mg/L)	26	19	ND	ND	35.5	34	ND
UK0070	43525.000.50	BOD	ND	1.6	ND	ND	ND	1.73	ND

Unkety Brook. US side of River St bridge. Gravel pit nearby				Dunstable, MA					
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
UK0070	99401	F.C. (col/100 ml)	ND	50	30	145	ND	155	35
UK0070	99401	E. coli (col/100 ml)	ND	40	ND	ND	ND	ND	ND
UK0070	99401	D.O. (mg/L)	3.3	3.1	2.6	2.2	ND	2.5	5.7
UK0070	99401	Temp. (°C)	10.0	16.0	18.0	24.0	ND	15.0	9.0
UK0070	99401	D.O. (% sat)	29.3	31.5	27.5	26.2	ND	24.8	49.4
UK0070	99401	pH	6.5	6.5	6.9	6.8	ND	6.5	6.8
UK0070	99401	Alk (mg/L)	22.0	33.0	47.0	40.0	ND	17.0	24.0

Unkety Brook. US side of River St bridge. Gravel pit nearby				Dunstable, MA					
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
UK0070	UK01	F. C. (col/100 ml)	ND	ND	ND	50	10	28	ND
UK0070	UK01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
UK0070	UK01	D.O. (mg/L)	8.3	6.8	5.5	0.9	0.7	2.9	4.8
UK0070	UK01	Temp. (oC)	ND	14.0	21.0	21.6	18.9	16.0	11.1
UK0070	UK01	D.O. (% sat)	ND	66.1	61.8	10.3	8.0	29.4	43.6
UK0070	UK01	pH	6.5	6.7	6.9	6.7	6.7	6.7	6.5
UK0070	UK01	Alk (mg/L)	17.6	22.9	24.1	36.5	28.8	28.1	24.5

Unkety Brook. US side of River St bridge. Gravel pit nearby				Dunstable, MA					
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
UK0070	UK01	F. C. (col/100 ml)	ND	ND	ND	50	35	90	70
UK0070	UK01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
UK0070	UK01	D.O. (mg/L)	6.5	ND	ND	3.3	4.0	3.4	5.1
UK0070	UK01	Temp. (oC)	11	ND	ND	25	25	16.5	12
UK0070	UK01	D.O. (% sat)	59.0	ND	ND	40.1	48.5	34.9	47.4
UK0070	UK01	pH	6.7	ND	ND	6.9	6.9	6.8	6.8
UK0070	UK01	Alk (mg/L)	17.7	ND	ND	27.5	34.4	30.3	22.6

Data by Site 1996-2005

Unkety Brook. US side of River St bridge. Gravel pit nearby				Dunstable, MA					
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
UK0070	UK01	F.C. (col/100 ml)	ND	450	2630	10	ND	5	0
UK0070	UK01	E. coli (col/100 ml)	ND	280	ND	ND	ND	0	0
UK0070	UK01	D.O. (mg/L)	ND	5.2	4.7	5	ND	3.3	6.6
UK0070	UK01	Temp. (°C)	ND	15	18	24	ND	21	11
UK0070	UK01	D.O. (% sat)	ND	51.6	49.7	59.5	ND	37.1	59.9
UK0070	UK01	pH	ND	6.6	6.8	6.9	ND	6.75	6.45
UK0070	UK01	Alk (mg/L)	ND	15.4	26.3	42.5	ND	30.7	19.1

Unkety Brook. US side of River St bridge. Gravel pit nearby				Dunstable, MA					
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
UK0070	UK01-03	F.C. (col/100 ml)	ND	0	0	ND	0	20	2
UK0070	UK01-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
UK0070	UK01-03	D.O. (mg/L)	7.80	6.00	3.30	ND	2.60	3.70	5.40
UK0070	UK01-03	Temp (C)	8	13	20	ND	25	20	9
UK0070	UK01-03	D.O. (% sat)	65.9	57	36.4	ND	31.6	40.8	46.8
UK0070	UK01-03	pH	ND	6.75	ND	ND	6.90	ND	ND
UK0070	UK01-03	Alk (mg/L)	ND	21.4	ND	ND	30.5	ND	ND

Unkety Brook. Upstream side of Rt 113 (Pleasant Street) bridge				Dunstable, MA					
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
UK0398	43525.003.50	F.C. (col/100 ml)	ND	ND	ND	1428	150	ND	20
UK0398	43525.003.50	E. coli (col/100 ml)	ND	ND	ND	60	ND	ND	ND
UK0398	43525.003.50	D.O. (mg/L)	ND	ND	ND	1.0	3.0	ND	7.0
UK0398	43525.003.50	Temp (C)	ND	ND	ND	24.0	22.0	ND	8.0
UK0398	43525.003.50	D.O. (% sat)	ND	ND	ND	12.0	34.0	ND	59.1
UK0398	43525.003.50	pH	ND	ND	ND	6.8	6.5	ND	6.5
UK0398	43525.003.50	Alk (mg/L)	ND	ND	ND	39.0	31.0	ND	26.5

Unkety Brook. Upstream side of Rt 113 (Pleasant Street) bridge				Dunstable, MA					
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
UK0398	43525.003.50	F.C. (col/100 ml)	13	80	ND	ND	110	161	ND
UK0398	43525.003.50	E. coli (col/100 ml)	ND	ND	ND	ND	0	ND	ND
UK0398	43525.003.50	D.O. (mg/L)	5	5.5	ND	ND	4	3.75	ND
UK0398	43525.003.50	Temp (C)	12	17	ND	ND	20	16	ND
UK0398	43525.003.50	D.O. (% sat)	46	60	ND	ND	44	38	ND
UK0398	43525.003.50	pH	6.58	6.5	ND	ND	6.6	6.8	ND
UK0398	43525.003.50	Alk (mg/L)	25.5	24.5	ND	ND	34	30	ND
UK0398	43525.003.50	BOD	ND	1.4	ND	ND	ND	ND	ND

Unkety Brook. Upstream side of Rt 113 (Pleasant Street) bridge				Dunstable, MA					
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
UK0398	99402	F.C. (col/100 ml)	ND	60	65	95	ND	215	10
UK0398	99402	E. coli (col/100 ml)	ND	0	ND	ND	ND	ND	ND
UK0398	99402	D.O. (mg/L)	5.5	2.9	2.7	3.2	ND	4.6	3.7
UK0398	99402	Temp. (°C)	9.0	15.0	18.0	25.0	ND	16.0	8.0
UK0398	99402	D.O. (% sat)	47.6	28.8	28.6	38.8	ND	46.7	31.3
UK0398	99402	pH	6.6	6.4	6.8	6.8	ND	ND	6.5
UK0398	99402	Alk (mg/L)	23.0	23.0	41.0	44.0	ND	ND	21.0

Data by Site 1996-2005

Unkety Brook. Upstream side of Rt 113 (Pleasant Street) bridge			Dunstable, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
UK0398	UK02	F. C. (col/100 ml)	ND	20	15	15	ND	64	8
UK0398	UK02	E. coli (col/100 ml)	ND	ND	ND	ND	100	ND	ND
UK0398	UK02	D.O. (mg/L)	6.1	4.8	1.2	2.8	0.4	3.2	3.1
UK0398	UK02	Temp. (oC)	ND	12.0	21.0	22.1	17.8	15.0	10.0
UK0398	UK02	D.O. (% sat)	ND	44.6	13.5	32.1	4.2	31.8	27.5
UK0398	UK02	pH	6.4	6.5	6.8	6.9	6.7	6.6	6.4
UK0398	UK02	Alk (mg/L)	19.0	23.8	30.5	35.7	30.6	25.2	20.6

Unkety Brook. Upstream side of Rt 113 (Pleasant Street) bridge.			Dunstable, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
UK0398	UK02	F. C. (col/100 ml)	ND	ND	ND	95	70	705	ND
UK0398	UK02	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
UK0398	UK02	D.O. (mg/L)	5.2	ND	ND	2.9	3.9	2.5	5.3
UK0398	UK02	Temp. (oC)	10	ND	ND	25	26	16.5	11
UK0398	UK02	D.O. (% sat)	46.0	ND	ND	35.2	48.2	25.6	48.1
UK0398	UK02	pH	6.7	ND	ND	6.9	6.7	6.7	6.8
UK0398	UK02	Alk (mg/L)	17.6	ND	ND	28.0	30.0	26.1	18.9

Unkety Brook. Upstream side of Rt 113 (Pleasant Street) bridge			Dunstable, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
UK0398	UK02	F.C. (col/100 ml)	ND	540	3440	100	ND	0	0
UK0398	UK02	E. coli (col/100 ml)	ND	580	ND	ND	ND	0	0
UK0398	UK02	D.O. (mg/L)	ND	4.8	4.2	5.0	ND	2.0	5.4
UK0398	UK02	Temp. (oC)	ND	12	16	23	ND	20	10
UK0398	UK02	D.O. (% sat)	ND	44.6	42.6	58.4	ND	22.1	47.9
UK0398	UK02	pH	ND	6.6	6.6	6.8	ND	6.6	6.25
UK0398	UK02	Alk (mg/L)	ND	16.5	24.6	34.9	ND	30.7	15.6

Unkety Brook. Off Groton Rd			Dunstable, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
UK0579	43525.006.75(1)	F.C. (col/100 ml)	12	ND	ND	1324	ND	dry	ND
UK0579	43525.006.75(1)	E. coli (col/100 ml)	0	ND	ND	ND	ND	ND	ND
UK0579	43525.006.75(1)	D.O. (mg/L)	11.5	ND	ND	2.3	ND	ND	ND
UK0579	43525.006.75(1)	Temp (C)	5.0	ND	ND	22.0	ND	ND	ND
UK0579	43525.006.75(1)	D.O. (% sat)	90.0	ND	ND	26.0	ND	ND	ND
UK0579	43525.006.75(1)	pH	6.7	ND	ND	7.0	ND	ND	ND
UK0579	43525.006.75(1)	Alk (mg/L)	15.0	ND	ND	50.0	ND	ND	ND

Varnum Brook. About 200' US from Mill St. culvert.			Pepperell, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
VB0015	VB01	F. C. (col/100 ml)	940	100	10	35	ND	468	10
VB0015	VB01	E. coli (col/100 ml)	ND	60	ND	ND	ND	ND	ND
VB0015	VB01	D.O. (mg/L)	10.3	10.3	7.8	7.3	2.0	8.9	9.0
VB0015	VB01	Temp. (oC)	9.0	9.0	18.0	23.0	16.0	14.0	11.0
VB0015	VB01	D.O. (% sat)	89.2	89.2	82.5	85.2	20.3	86.5	81.7
VB0015	VB01	pH	7.3	7.4	7.5	7.6	7.7	7.6	7.6
VB0015	VB01	Alk (mg/L)	50.6	56.9	80.8	70.9	78.5	61.8	76.8

Data by Site 1996-2005

Nissitissit River

Lomar Park 100 yds US from confluence.			Pepperell, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/21	9/18	10/16
NT0082	99705	F.C. (col/100 ml)	ND	ND	125	220	195	480	30
NT0082	99705	E. coli (col/100 ml)	ND	ND	ND	40	ND	ND	0
NT0082	99705	D.O. (mg/L)	10.1	ND	8.5	7.0	6.6	7.6	8.8
NT0082	99705	Temp. (°C)	10.0	ND	18.0	25.0	18.0	17.0	9.0
NT0082	99705	D.O. (% sat)	89.6	ND	89.9	85.0	69.8	78.7	76.2
NT0082	99705	pH	6.7	ND	7.1	7.2	7.2	6.5	6.8
NT0082	99705	Alk (mg/L)	13.0	ND	25.0	38.0	31.0	6.0	19.0

Lomar Park 100 yds US from confluence.			Pepperell, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
NT0082	NT01	F. C. (col/100 ml)	340	40	15	35	ND	220	8
NT0082	NT01	E. coli (col/100 ml)	ND	60	ND	ND	ND	ND	ND
NT0082	NT01	D.O. (mg/L)	9.8	9.5	7.3	6.8	1.3	8.5	9.5
NT0082	NT01	Temp. (°C)	10.0	13.0	20.0	23.0	18.0	15.0	10.0
NT0082	NT01	D.O. (% sat)	87.0	90.3	80.5	79.4	13.8	84.4	84.3
NT0082	NT01	pH	6.7	6.9	6.9	7.0	7.1	7.3	6.9
NT0082	NT01	Alk (mg/L)	12.0	14.7	14.3	21.2	16.8	23.0	16.5

Lomar Park 100 yds US from confluence.			Pepperell, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
NT0082	NT01	F. C. (col/100 ml)	10	170	75	95	70	65	290
NT0082	NT01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NT0082	NT01	D.O. (mg/L)	8.8	9.0	7.1	7.9	7.4	7.8	7.8
NT0082	NT01	Temp. (°C)	10	15	25	22	23	15	11
NT0082	NT01	D.O. (% sat)	78.1	89.3	86.2	90.6	86.5	77.5	70.8
NT0082	NT01	pH	6.8	7.0	7.1	7.2	7.2	7.2	7.1
NT0082	NT01	Alk (mg/L)	7.6	21.6	14.1	20.8	28.0	29.0	21.0

Lomar Park 100 yds US from confluence.			Pepperell, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
NT0082	NT01	F.C. (col/100 ml)	ND	ND	210	10	5	0	0
NT0082	NT01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	0
NT0082	NT01	D.O. (mg/L)	ND	ND	8.8	6.9	5.6	ND	9.2
NT0082	NT01	Temp. (°C)	ND	ND	16	21	24	19	9.5
NT0082	NT01	D.O. (% sat)	ND	ND	89.3	77.5	66.6	ND	80.6
NT0082	NT01	pH	ND	ND	6.9	7.03	7.14	7.05	6.45
NT0082	NT01	Alk (mg/L)	ND	ND	9.8	19.4	26.7	23.8	12.1

Lomar Park 100 yds US from confluence.			Pepperell, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
NT0082	NT01-03	F.C. (col/100 ml)	ND	ND	0	0	0	0	0
NT0082	NT01-03	E. coli (col/100 ml)	0	0	ND	ND	ND	ND	ND
NT0082	NT01-03	D.O. (mg/L)	10.40	9.60	6.00	7.70	6.00	7.20	8.30
NT0082	NT01-03	Temp (C)	8.5	13	19.5	20.5	24.5	18.5	10
NT0082	NT01-03	D.O. (% sat)	89	91.3	65.5	85.7	72.1	77	73.6
NT0082	NT01-03	pH	6.70	ND	ND	ND	ND	7.01	6.71
NT0082	NT01-03	Alk (mg/L)	8.0	ND	ND	ND	ND	18.7	10.6

Data by Site 1996-2005

Lomar Park 100 yds US from confluence.			Pepperell, MA							
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16	
NT0082	NT01-04	F.C. (col/100 ml)	24	ND	ND	ND	ND	ND	ND	
NT0082	NT01-04	E. coli (col/100 ml)	ND	60	300	224	500	3,900	260	
NT0082	NT01-04	D.O. (mg/L)	9.5	8.7	6.9	7.1	6.7	ND	9.3	
NT0082	NT01-04	Temp (C)	7.5	17.5	19.5	19.8	21.0	17.5	12.0	
NT0082	NT01-04	D.O. (% sat)	80.2	92.1	76.1	78.3	75.3	ND	86.4	
NT0082	NT01-04	pH	6.21	6.67	6.41	6.50	6.53	7.25	6.25	
NT0082	NT01-04	Alk (mg/L)	5.4	14.9	18.1	ND	ND	ND	19.3	

Lomar Park 100 yds US from confluence.			Pepperell, MA							
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16	
NT0082	NT01	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND	
NT0082	NT01	E. coli (col/100 ml)	0	0	0	0	50	2	122	
NT0082	NT01	D.O. (mg/L)	10.7	9.1	6.8	7.2	5.4	6.30	8.30	
NT0082	NT01	Temp (C)	8.5	14	17	24	20	20	13.5	
NT0082	NT01	D.O. (% sat)	92.6	88.4	70.5	85.7	59.0	69.5	80.7	
NT0082	NT01	pH	7.00	7.08	6.91	7.10	7.15	6.85	6.65	
NT0082	NT01	Alk (mg/L)	11.3	12.7	14.8	15.1	19.4	21.30	11.65	

Below Rt 111 Hollis St bridge over Nissitissi			Pepperell, MA							
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/14	7/19	8/16	9/20	10/18	
NT0190	43575.001.7 (5.2)	F.C. (col/100 ml)	ND	ND	100	87	20	300	27	
NT0190	43575.001.7 (5.2)	E. coli (col/100 ml)	ND	ND	ND	ND	0	ND	20	
NT0190	43575.001.7 (5.2)	D.O. (mg/L)	ND	ND	8.5	8.0	5.3	11.0	ND	
NT0190	43575.001.7 (5.2)	Temp (C)	ND	ND	23.0	22.0	21.0	15.0	11.0	
NT0190	43575.001.7 (5.2)	D.O. (% sat)	ND	ND	99.0	92.0	59.0	100.0	ND	
NT0190	43575.001.7 (5.2)	pH	ND	ND	6.9	7.2	7.4	6.9	7.0	
NT0190	43575.001.7 (5.2)	Alk (mg/L)	ND	ND	15.0	18.0	23.0	11.0	18.0	
NT0190	43575.001.7 (5.2)	N (mg/L)	ND	ND	ND	1.330	ND	0.030	ND	
NT0190	43575.001.7 (5.2)	P (mg/L)	ND	ND	ND	0.019	ND	0.451	ND	

Below Rt 111 Hollis St bridge over Nissitissit			Pepperell, MA							
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16	
NT0190	NT06-04	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND	
NT0190	NT06-04	E. coli (col/100 ml)	ND	100	100	184	430	>600	460	
NT0190	NT06-04	D.O. (mg/L)	ND	7.8	7.4	7.8	7.4	7.9	8.8	
NT0190	NT06-04	Temp (C)	ND	17.5	21.5	21.0	22.5	18.0	14.0	
NT0190	NT06-04	D.O. (% sat)	ND	82.5	84.9	87.6	86.4	83.6	85.5	
NT0190	NT06-04	pH	ND	6.78	6.42	6.57	6.58	6.90	6.25	
NT0190	NT06-04	Alk (mg/L)	ND	15.10	17.9	ND	ND	ND	18.3	

US at Prescott St bridge on river left			Pepperell, MA							
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20	
NT0418	NT02	F. C. (col/100 ml)	ND	195	35	160	20	20	70	
NT0418	NT02	E. coli (col/100 ml)	ND	200	ND	ND	ND	ND	ND	
NT0418	NT02	D.O. (mg/L)	8.7	7.2	5.8	6.8	7.0	6.6	2.0	
NT0418	NT02	Temp. (oC)	10	12	22	20	19	12.5	8.5	
NT0418	NT02	D.O. (% sat)	77.2	66.9	66.5	75.0	75.6	62.0	17.1	
NT0418	NT02	pH	7.1	6.9	6.9	7.0	7.0	7.1	6.7	
NT0418	NT02	Alk (mg/L)	42.2	19.4	11.8	16.3	23.0	25.9	16.7	

Data by Site 1996-2005

US at Prescott St bridge on river left			Pepperell, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
NT0418	NT02	F.C. (col/100 ml)	ND	60	130	0	10	0	ND
NT0418	NT02	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NT0418	NT02	D.O. (mg/L)	ND	7.8	7.0	6.5	4.8	6.1	7.8
NT0418	NT02	Temp. (°C)	ND	13	16	22	21	19	10
NT0418	NT02	D.O. (% sat)	ND	74.1	71.1	74.5	53.9	65.8	69.2
NT0418	NT02	pH	ND	6.5	6.75	6.83	6.97	6.9	7.8
NT0418	NT02	Alk (mg/L)	ND	8.0	8.3	16.3	20.9	20.6	8.7

US at Prescott St bridge on river left			Pepperell, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
NT0418	NT02-03	F.C. (col/100 ml)	0	25	0	15	ND	3	0
NT0418	NT02-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NT0418	NT02-03	D.O. (mg/L)	9.40	7.40	6.50	6.60	ND	6.50	8.40
NT0418	NT02-03	Temp (C)	7	13	19.5	21	ND	16	11
NT0418	NT02-03	D.O. (% sat)	77.6	70.3	70.9	74.2	ND	66	76.3
NT0418	NT02-03	pH	ND	6.65	6.83	7.00	ND	6.86	6.60
NT0418	NT02-03	Alk (mg/L)	ND	6.6	11.5	16.4	ND	18.1	8.4

US at Prescott St bridge on river left.			Pepperell, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NT0418	NT02-04	F.C. (col/100 ml)	ND	ND	ND	220	270	490	140
NT0418	NT02-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NT0418	NT02-04	D.O. (mg/L)	ND	7.0	ND	6.6	6.7	4.9	7.2
NT0418	NT02-04	Temp (C)	ND	17.0	ND	19.0	22.0	17.0	ND
NT0418	NT02-04	D.O. (% sat)	ND	72.5	ND	71.3	76.8	50.5	ND
NT0418	NT02-04	pH	ND	7.01	ND	7.20	7.18	7.06	6.74
NT0418	NT02-04	Alk (mg/L)	ND	12.0	ND	15.10	15.1	17.1	18.2

US at Prescott St bridge on river left			Pepperell, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NT0418	NT02	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NT0418	NT02	E. coli (col/100 ml)	0	0	2	0	58	0	4
NT0418	NT02	D.O. (mg/L)	9.1	9.0	9.2	7.1	5.4	6.95	7.25
NT0418	NT02	Temp (C)	8.5	11	14.5	20.5	19	16.5	14.5
NT0418	NT02	D.O. (% sat)	78.8	81.3	90.9	79.8	58.3	72.0	72.0
NT0418	NT02	pH	6.70	6.90	6.39	6.90	6.92	6.82	6.45
NT0418	NT02	Alk (mg/L)	8.7	10.4	12.0	11.9	17.2	19.40	7.30

At West Hollis Rd. (Pepperell Rd).			W. Hollis, NH						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
NT0768	99606	F.C. (col/100 ml)	ND	50	75	80	215	265	25
NT0768	99606	E. coli (col/100 ml)	140	ND	ND	ND	ND	4-80	0
NT0768	99606	D.O. (mg/L)	9.1	4.9	4.7	5.7	6.5	6.2	7.8
NT0768	99606	Temp. (°C)	9.0	15.5	17.0	24.0	22.5	17.0	8.5
NT0768	99606	D.O. (% sat)	78.8	49.7	48.7	67.9	75.2	64.2	67.0
NT0768	99606	pH	6.2	6.1	6.7	6.7	6.7	5.9	6.3
NT0768	99606	Alk (mg/L)	5.0	6.0	11.0	13.0	13.0	3.5	5.0

Data by Site 1996-2005

At West Hollis Rd. (Pepperell Rd).			West Hollis, NH						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
NT0768	NT02	F. C. (col/100 ml)	1430	ND	ND	ND	ND	76	24
NT0768	NT02	E. coli (col/100 ml)	ND	40	ND	ND	ND	ND	40
NT0768	NT02	D.O. (mg/L)	9.0	7.8	6.3	5.9	ND	6.0	8.0
NT0768	NT02	Temp. (oC)	9.0	12.0	20.0	21.5	ND	16.0	10.0
NT0768	NT02	D.O. (% sat)	77.9	72.5	69.5	67.0	ND	61.0	71.0
NT0768	NT02	pH	6.0	6.2	6.2	6.6	ND	6.6	6.3
NT0768	NT02	Alk (mg/L)	5.7	7.3	6.2	9.2	ND	8.4	8.1

At West Hollis Rd. (Pepperell Rd).			West Hollis, NH						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
NT0768	NT03	F. C. (col/100 ml)	ND	95	ND	ND	ND	45	ND
NT0768	NT03	E. coli (col/100 ml)	ND	60	20	ND	ND	ND	ND
NT0768	NT03	D.O. (mg/L)	8.4	ND	4.9	6.2	ND	6.9	6.7
NT0768	NT03	Temp. (oC)	3.5	13.5	24	24	ND	14	8
NT0768	NT03	D.O. (% sat)	63.3	ND	58.3	73.8	ND	67.1	56.6
NT0768	NT03	pH	6.2	6.8	6.5	6.7	ND	6.7	6.5
NT0768	NT03	Alk (mg/L)	2.8	14.2	5.3	7.0	ND	10	8.8

At West Hollis Rd. (Pepperell Rd).			W. Hollis, NH						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
NT0768	NT03	F.C. (col/100 ml)	ND	ND	130	0	ND	ND	ND
NT0768	NT03	E. coli (col/100 ml)	ND	ND	80	0	0	0	ND
NT0768	NT03	D.O. (mg/L)	ND	ND	7.3	5.7	6.1	6.4	8.4
NT0768	NT03	Temp. (oC)	ND	ND	10	14	17	11	ND
NT0768	NT03	D.O. (% sat)	ND	ND	64.8	55.4	63.2	58.1	ND
NT0768	NT03	pH	ND	ND	6.4	6.6	6.81	6.8	6.05
NT0768	NT03	Alk (mg/L)	ND	ND	3.8	11.1	12.7	10.9	4.8

At West Hollis Rd. (Pepperell Rd).			W. Hollis, NH						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
NT0768	NT03-03	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NT0768	NT03-03	E. coli (col/100 ml)	0	0	0	0	20	0	0
NT0768	NT03-03	D.O. (mg/L)	10.20	8.70	6.50	6.40	5.20	6.00	7.80
NT0768	NT03-03	Temp (C)	7	12	19	20	23	17.5	10
NT0768	NT03-03	D.O. (% sat)	84.2	80.9	70.2	70.6	60.7	68.2	69.2
NT0768	NT03-03	pH	6.10	ND	ND	6.70	6.60	6.50	6.31
NT0768	NT03-03	Alk (mg/L)	3.1	ND	ND	7.7	6.6	7.6	4.8

At West Hollis Rd. (Pepperell Rd).			W. Hollis, NH						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NT0768	NT03	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NT0768	NT03	E. coli (col/100 ml)	0	0	0	0	166	0	50
NT0768	NT03	D.O. (mg/L)	9.4	8.8	8.0	6.5	6.2	6.25	7.40
NT0768	NT03	Temp (C)	9	15	18	23.5	NN	19	14
NT0768	NT03	D.O. (% sat)	81.4	87.4	84.8	77.4	ND	67.5	71.9
NT0768	NT03	pH	6.95	6.60	6.50	6.65	6.72	6.68	6.15
NT0768	NT03	Alk (mg/L)	3.7	4.9	5.6	6.8	8.4	9.50	4.05

100' DS of Bohannon Bridge at "fishing area"			Brookline, NH						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
NT1255	99605	F.C. (col/100 ml)	ND	80	280	20	447	240	105
NT1255	99605	E. coli (col/100 ml)	ND	ND	ND	ND	ND	1-20	0
NT1255	99605	D.O. (mg/L)	9.1	6.6	3.5	5.8	5.3	7.0	7.9
NT1255	99605	Temp. (oC)	8.0	14.5	18.0	23.0	21.0	17.0	9.0
NT1255	99605	D.O. (% sat)	76.9	65.5	37.0	67.8	59.6	72.5	68.4
NT1255	99605	pH	6.1	6.0	6.4	6.4	6.4	6.1	6.2
NT1255	99605	Alk (mg/L)	5.0	4.0	11.0	11.0	13.0	5.0	7.0

Data by Site 1996-2005

100' DS of Bohannon Bridge at "fishing area"			Brookline, NH						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
NT1255	NT03	F. C. (col/100 ml)	30	ND	ND	ND	ND	184	8
NT1255	NT03	E. coli (col/100 ml)	ND	ND	60	20	ND	ND	10
NT1255	NT03	D.O. (mg/L)	8.3	7.4	6.1	3.2	ND	5.0	7.1
NT1255	NT03	Temp. (oC)	9.0	13.0	20.0	22.0	ND	16.0	11.0
NT1255	NT03	D.O. (% sat)	71.9	70.3	67.3	36.7	ND	50.8	64.5
NT1255	NT03	pH	5.9	ND	6.4	6.3	ND	6.2	6.2
NT1255	NT03	Alk (mg/L)	4.7	ND	6.7	7.9	ND	6.8	7.1

100' DS of Bohannon Bridge at "fishing area"			Brookline, NH						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
NT1255	NT04	F. C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NT1255	NT04	E. coli (col/100 ml)	ND	80	ND	ND	ND	ND	ND
NT1255	NT04	D.O. (mg/L)	8.8	7.2	5.3	6.0	ND	4.7	6.0
NT1255	NT04	Temp. (oC)	3	14	23.5	20	ND	14.5	8
NT1255	NT04	D.O. (% sat)	65.4	70.0	61.3	66.2	ND	46.2	50.7
NT1255	NT04	pH	6.0	6.3	6.4	6.4	ND	6.5	6.3
NT1255	NT04	Alk (mg/L)	1.4	9.5	4.6	5.7	ND	11.0	6.8

100' DS of Bohannon Bridge at "fishing area"			Brookline, NH						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
NT1255	NT04	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NT1255	NT04	E. coli (col/100 ml)	ND	ND	100	0	0	0	ND
NT1255	NT04	D.O. (mg/L)	ND	ND	6.7	4.3	5.0	4.9	7.3
NT1255	NT04	Temp. (°C)	ND	ND	8	13.5	17	10.5	ND
NT1255	NT04	D.O. (% sat)	ND	ND	56.6	41.3	51.8	46.7	ND
NT1255	NT04	pH	ND	ND	6.25	6.4	6.45	6.45	6.1
NT1255	NT04	Alk (mg/L)	ND	ND	3.2	6.1	11.7	10.0	4.5

100' DS of Bohannon Bridge at "fishing area"			Brookline, NH						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
NT1255	NT04-03	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NT1255	NT04-03	E. coli (col/100 ml)	0	0	0	0	0	0	0
NT1255	NT04-03	D.O. (mg/L)	9.50	8.20	6.50	5.50	4.30	4.10	6.90
NT1255	NT04-03	Temp (C)	7	12	18.5	20	23.5	17.5	10.5
NT1255	NT04-03	D.O. (% sat)	78.4	76.2	69.5	60.6	50.7	42.9	61.9
NT1255	NT04-03	pH	5.90	6.10	ND	6.40	6.43	6.31	6.25
NT1255	NT04-03	Alk (mg/L)	1.6	2.5	ND	6.6	6.6	7.2	5.3

100' DS of Bohannon Bridge at "fishing area"			Brookline, NH						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NT1255	NT04-04	F.C. (col/100 ml)	4	ND	ND	ND	ND	ND	ND
NT1255	NT04-04	E. coli (col/100 ml)	ND	400	300	172	510	1,500	300
NT1255	NT04-04	D.O. (mg/L)	9.1	5.7	5.6	6.1	5.2	6.3	6.8
NT1255	NT04-04	Temp (C)	7.0	18.5	20.5	20.0	22.0	18.3	13.0
NT1255	NT04-04	D.O. (% sat)	75.0	61.6	62.9	67.3	59.6	66.7	64.6
NT1255	NT04-04	pH	5.69	6.01	5.97	6.61	6.00	6.33	5.85
NT1255	NT04-04	Alk (mg/L)	1.4	4.2	4.9	9.5	6.6	6.6	5.9

100 ft from Potanipo Lighthouse. US of Mason Rd			Brookline, NH						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
NT1648	99604	F.C. (col/100 ml)	ND	0	10	70	290	220	75
NT1648	99604	E. coli (col/100 ml)	ND	ND	ND	ND	ND	160	0
NT1648	99604	D.O. (mg/L)	9.8	8.6	4.2	5.0	6.9	7.0	8.3
NT1648	99604	Temp. (°C)	10.0	17.0	20.0	25.0	23.0	18.0	11.5
NT1648	99604	D.O. (% sat)	87.0	89.1	46.3	60.7	80.7	74.1	76.9
NT1648	99604	pH	6.1	6.0	6.5	6.5	6.4	6.3	6.2
NT1648	99604	Alk (mg/L)	3.0	4.0	5.0	6.0	6.5	5.5	5.0

Data by Site 1996-2005

100 ft from Potanipo Lighthouse. US of Mason Rd			Brookline, NH						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
NT1648	NT04	F. C. (col/100 ml)	ND	ND	ND	ND	ND	8	4
NT1648	NT04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NT1648	NT04	D.O. (mg/L)	9.5	7.5	7.3	4.7	ND	5.4	8.1
NT1648	NT04	Temp. (oC)	10.0	15.0	21.0	24.5	ND	20.5	14.5
NT1648	NT04	D.O. (% sat)	84.3	74.5	82.0	56.6	ND	59.8	76.1
NT1648	NT04	pH	5.9	6.0	6.2	6.5	ND	6.5	6.3
NT1648	NT04	Alk (mg/L)	5.5	5.4	4.0	5.9	ND	4.7	5.7

100 ft from Potanipo Lighthouse. US of Mason Rd			Brookline, NH						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
NT1648	NT05	F. C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NT1648	NT05	E. coli (col/100 ml)	ND	20	ND	40	ND	ND	ND
NT1648	NT05	D.O. (mg/L)	8.5	6.6	7.2	6.5	ND	6.7	8.1
NT1648	NT05	Temp. (oC)	3.5	15.5	25.5	20	ND	18	11.5
NT1648	NT05	D.O. (% sat)	64.0	66.3	88.1	71.7	ND	70.9	74.4
NT1648	NT05	pH	5.9	6.4	6.6	ND	ND	6.5	6.5
NT1648	NT05	Alk (mg/L)	0.7	8.4	1.9	ND	ND	3.8	4.5

100 ft from Potanipo Lighthouse. US of Mason Rd			Brookline, NH						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
NT1648	NT05	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NT1648	NT05	E. coli (col/100 ml)	ND	ND	60	40	0	10	0
NT1648	NT05	D.O. (mg/L)	ND	ND	7.3	4.6	6.1	6.5	8.4
NT1648	NT05	Temp. (oC)	ND	ND	8	12	19	13	ND
NT1648	NT05	D.O. (% sat)	ND	ND	61.7	42.8	65.9	61.8	ND
NT1648	NT05	pH	ND	ND	6.2	6.4	6.37	6.5	6.15
NT1648	NT05	Alk (mg/L)	ND	ND	2.7	2.6	5.4	3.7	4.1

100 ft from Potanipo Lighthouse. US of Mason Rd			Brookline, NH						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
NT1648	NT05-03	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NT1648	NT05-03	E. coli (col/100 ml)	5	0	0	0	0	0	0
NT1648	NT05-03	D.O. (mg/L)	9.90	8.80	4.90	5.60	6.30	6.60	7.90
NT1648	NT05-03	Temp (C)	8	13.5	21	19	26	20.5	12.5
NT1648	NT05-03	D.O. (% sat)	83.7	84.6	55.1	70.2	77.9	73.5	74.2
NT1648	NT05-03	pH	5.80	6.00	6.33	ND	6.60	6.49	6.40
NT1648	NT05-03	Alk (mg/L)	1.4	1.4	2.5	ND	3.7	3.5	4.5

100 ft from Potanipo Lighthouse. US of Mason Rd			Brookline, NH						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NT1648	NT05-04	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NT1648	NT05-04	E. coli (col/100 ml)	ND	24	1,000	20	170	200	60
NT1648	NT05-04	D.O. (mg/L)	ND	7.0	7.2	7.4	7.3	7.6	7.6
NT1648	NT05-04	Temp (C)	ND	21.0	23.0	21.0	24.5	21.0	14.0
NT1648	NT05-04	D.O. (% sat)	ND	78.7	84.1	83.1	88.6	85.4	73.9
NT1648	NT05-04	pH	ND	6.02	6.01	6.76	6.63	6.26	5.83
NT1648	NT05-04	Alk (mg/L)	ND	2.2	2.9	4.0	4.1	3.3	4.0

100 ft from Potanipo Lighthouse. US of Mason Rd			Brookline, NH						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NT1648	NT05	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NT1648	NT05	E. coli (col/100 ml)	0	0	0	0	16	0	220
NT1648	NT05	D.O. (mg/L)	9.7	7.7	8.4	4.6	4.7	6.80	6.90
NT1648	NT05	Temp (C)	8.5	14.5	19	26	23.5	21.5	14
NT1648	NT05	D.O. (% sat)	84.0	76.5	90.7	56.9	55.4	77.2	67.1
NT1648	NT05	pH	6.00	6.4	6.23	6.55	6.65	6.45	6.25
NT1648	NT05	Alk (mg/L)	1.3	2.80	2.4	3.8	3.8	4.85	3.70

Nissitissit River Tributaries (alphabetical order)

Beaver Brook. At Worcester Rd upstream of bridge			Hollis, NH						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
BV0109	BV01-03	F.C. (col/100 ml)	0	ND	ND	ND	ND	ND	ND
BV0109	BV01-03	E. coli (col/100 ml)	0	0	0	0	0	0	0
BV0109	BV01-03	D.O. (mg/L)	9.40	8.60	6.70	6.20	6.00	5.40	8.40
BV0109	BV01-03	Temp (C)	ND	12	19	20.5	23.5	19	9
BV0109	BV01-03	D.O. (% sat)	ND	79.9	72.4	69.0	70.8	58.3	72.7
BV0109	BV01-03	pH	ND	6.90	ND	7.30	7.19	7.13	6.84
BV0109	BV01-03	Alk (mg/L)	ND	18.6	ND	30.7	23.9	25.8	21.4

Gulf Brook at Chestnut Street			Pepperell, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
GB0312	GB01	F.C. (col/100 ml)	ND	320	350	0	5	0	ND
GB0312	GB01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
GB0312	GB01	D.O. (mg/L)	ND	9.0	8.4	7.7	6.0	7.4	10.4
GB0312	GB01	Temp. (°C)	ND	11	13	17	19	17	6
GB0312	GB01	D.O. (% sat)	ND	81.7	79.8	79.8	64.8	76.7	83.7
GB0312	GB01	pH	ND	6.8	6.85	7.01	7.13	7.00	6.55
GB0312	GB01	Alk (mg/L)	ND	11.9	14.6	19.1	23.6	22.2	17.9

Gulf Brook at Chestnut Street			Pepperell, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
GB0312	GB01-03	F.C. (col/100 ml)	0	0	0	0	ND	0	0
GB0312	GB01-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
GB0312	GB01-03	D.O. (mg/L)	10.70	9.70	8.00	9.05	ND	7.40	9.20
GB0312	GB01-03	Temp (C)	5.5	10	17	17	ND	15.5	8
GB0312	GB01-03	D.O. (% sat)	85	86.1	82.9	93.8	ND	75.9	77.8
GB0312	GB01-03	pH	6.85	7.00	7.11	7.00	ND	7.02	7.18
GB0312	GB01-03	Alk (mg/L)	11.8	13.7	13.6	12.8	ND	16.4	17.8

Gulf Brook at Chestnut Street.			Pepperell, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
GB0312	GB01-04	F.C. (col/100 ml)	ND	ND	ND	340	220	290	<300
GB0312	GB01-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
GB0312	GB01-04	D.O. (mg/L)	ND	8.9	ND	8.5	7.6	ND	8.8
GB0312	GB01-04	Temp (C)	ND	13.0	ND	14.0	16.1	15.0	ND
GB0312	GB01-04	D.O. (% sat)	ND	84.6	ND	82.5	77.2	ND	ND
GB0312	GB01-04	pH	ND	7.31	ND	7.20	7.37	7.05	7.16
GB0312	GB01-04	Alk (mg/L)	ND	14.7	ND	15.9	13.5	11.0	14.8

Gulf Brook at Chestnut Street			Pepperell, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
GB0312	GB01	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
GB0312	GB01	E. coli (col/100 ml)	0	0	0	8	16	0	10
GB0312	GB01	D.O. (mg/L)	11.5	10.2	8.3	8.7	7.3	ND	8.70
GB0312	GB01	Temp (C)	6	7	13	13	14.5	13	14
GB0312	GB01	D.O. (% sat)	92.1	84.2	78.9	82.2	72.0	ND	84.5
GB0312	GB01	pH	7.00	835.7	7.10	7.10	715.0	6.90	6.60
GB0312	GB01	Alk (mg/L)	11.4	12.0	14.2	15.7	17.8	16.60	11.40

Lancy Brook. DS of Dupaw Gould Rd at entrance to campground			Brookline, NH						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
LB0038	LB01	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
LB0038	LB01	E. coli (col/100 ml)	0	0	4	2	56	10	818
LB0038	LB01	D.O. (mg/L)	11.1	9.3	9.3	7.4	5.9	8.45	5.00
LB0038	LB01	Temp (C)	6.5	11.5	15	22	18.5	18	13
LB0038	LB01	D.O. (% sat)	91.6	86.4	92.4	78.3	63.2	89.4	47.5
LB0038	LB01	pH	6.15	6.50	6.38	6.50	6.85	6.67	5.19
LB0038	LB01	Alk (mg/L)	1.7	3.2	2.5	4.1	5.4	5.40	0.35

Data by Site 1996-2005

Sucker Brook. DS side of Brookline Rd crossing in backyard of home			Pepperell, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
SB0025	SB01	F. C. (col/100 ml)	5	85	40	40	20	45	10
SB0025	SB01	E. coli (col/100 ml)	ND	40	ND	ND	ND	60	ND
SB0025	SB01	D.O. (mg/L)	8.0	6.7	4.6	6.0	6.9	6.8	1.6
SB0025	SB01	Temp. (oC)	9.5	15	25	17.5	20.5	10	7
SB0025	SB01	D.O. (% sat)	70.4	66.5	55.8	62.8	76.8	60.3	13.2
SB0025	SB01	pH	6.6	7.3	7.3	7.3	7.2	7.1	7.1
SB0025	SB01	Alk (mg/L)	6.2	65.1	60.2	61.3	62.1	53.1	51.3

Sucker Brook. DS side of Brookline Rd crossing in backyard of home			Pepperell, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
SB0025	SB01	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SB0025	SB01	E. coli (col/100 ml)	30	38	2	2	80	51	TNTC
SB0025	SB01	D.O. (mg/L)	11.0	6.6	8.3	5.4	6.5	6.50	7.8
SB0025	SB01	Temp (C)	6	12	15	21	18.5	19	14
SB0025	SB01	D.O. (% sat)	88.5	61.3	82.4	60.1	70.2	70.2	75.8
SB0025	SB01	pH	7.45	7.42	7.22	7.40	8.20	7.06	6.89
SB0025	SB01	Alk (mg/L)	45.1	45.3	ND	50.5	ND	58.20	20.4

Sucker Brook. DS of Sartelle Street			Pepperell, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
SB0295	SB02	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SB0295	SB02	E. coli (col/100 ml)	0	12	8	4	12	5	TNTC
SB0295	SB02	D.O. (mg/L)	8.2	7.8	9.0	6.7	6.5	7.20	9.7
SB0295	SB02	Temp (C)	7	13	17	21	19	19	13
SB0295	SB02	D.O. (% sat)	67.7	74.1	93.3	75.3	70.2	77.8	92.2
SB0295	SB02	pH	7.50	7.37	7.35	7.30	7.35	7.26	7.15
SB0295	SB02	Alk (mg/L)	42.0	41.4	ND	ND	ND	51.40	25.8

North Nashua River

Main Street RR Bridge. Follow dirt road, US of bridge			Lancaster, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/15	7/20	8/16	9/21	10/18
NN0049	44650.000.5 (2.2)	F.C. (col/100 ml)	ND	ND	134	180	435	ND	ND
NN0049	44650.000.5 (2.2)	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN0049	44650.000.5 (2.2)	D.O. (mg/L)	ND	ND	4.9	4.5	7.0	4.6	ND
NN0049	44650.000.5 (2.2)	Temp (C)	ND	ND	20.0	20.0	22.0	15.0	ND
NN0049	44650.000.5 (2.2)	D.O. (% sat)	ND	ND	54.0	50.0	80.0	46.0	ND
NN0049	44650.000.5 (2.2)	pH	ND	ND	7.1	7.0	7.5	7.1	ND
NN0049	44650.000.5 (2.2)	Alk (mg/L)	ND	ND	27.5	24.0	66.0	32.4	ND
NN0049	44650.000.5 (2.2)	N (mg/L)	ND	ND	ND	1.840	ND	ND	ND
NN0049	44650.000.5 (2.2)	P (mg/L)	ND	ND	ND	0.019	ND	ND	ND

Main Street RR Bridge. Follow dirt road, US of bridge			Lancaster, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NN0049	44650.000.50	F.C. (col/100 ml)	492	ND	368	348	ND	520	ND
NN0049	44650.000.50	E. coli (col/100 ml)	52	ND	ND	40	ND	40	ND
NN0049	44650.000.50	D.O. (mg/L)	9.0	9.0	6.5	6.7	ND	7.5	ND
NN0049	44650.000.50	Temp (C)	7.0	13.0	22.0	24.0	ND	20.0	ND
NN0049	44650.000.50	D.O. (% sat)	74.0	86.0	74.0	80.0	ND	83.0	ND
NN0049	44650.000.50	pH	6.5	6.9	6.8	6.7	ND	7.0	ND
NN0049	44650.000.50	Alk (mg/L)	10.0	25.5	28.0	29.0	ND	34.0	ND

Data by Site 1996-2005

Main Street RR Bridge. Follow dirt road, US of bridge			Lancaster, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
NN0049	(7) Rte 70	F.C. (col/100 ml)	ND	TNTC	70	340	ND	510	410
NN0049	(7) Rte 70	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	340
NN0049	(7) Rte 70	D.O. (mg/L)	ND	5.2	8.32	7.3	6.36	6.57	10
NN0049	(7) Rte 70	Temp (C)	ND	16	20	25	22	19	13
NN0049	(7) Rte 70	D.O. (% sat)	ND	53	92	89	73	71	95
NN0049	(7) Rte 70	pH	ND	6.1	6.81	7.2	6.9	6.88	6.9
NN0049	(7) Rte 70	Alk (mg/L)	ND	11.4	10.3	17.8	25.4	48.3	24
NN0049	(7) Rte 70	BOD	ND	ND	ND	ND	ND	ND	ND

Main Street RR Bridge. Follow dirt road, US of bridge			Lancaster, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
NN0049	991003	F.C. (col/100 ml)	50	136	140	350	246	TNTC	240
NN0049	991003	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN0049	991003	D.O. (mg/L)	5.4	6.3	5.7	4.3	4.0	7.0	8.2
NN0049	991003	Temp. (°C)	11.0	16.0	18.5	26.0	25.0	17.0	12.0
NN0049	991003	D.O. (% sat)	49.0	64.0	61.0	53.2	48.1	72.5	76.2
NN0049	991003	pH	6.8	6.8	7.2	7.3	7.3	6.3	7.0
NN0049	991003	Alk (mg/L)	24.5	25.1	31.8	42.5	40.2	9.0	20.0

Main Street RR Bridge. Follow dirt road, US of bridge			Lancaster, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
NN0049	NN01	F. C. (col/100 ml)	212	132	340	48	160	ND	36
NN0049	NN01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN0049	NN01	D.O. (mg/L)	10.8	7.4	6.9	6.7	7.9	ND	8.8
NN0049	NN01	Temp. (oC)	10.0	13.0	21.0	22.0	18.0	ND	12.0
NN0049	NN01	D.O. (% sat)	95.8	70.3	77.5	76.8	83.6	ND	81.8
NN0049	NN01	pH	6.6	6.8	6.8	7.0	7.0	ND	6.9
NN0049	NN01	Alk (mg/L)	12.5	16.0	17.8	29.5	26.2	ND	27.5

Main Street RR Bridge. Follow dirt road, US of bridge			Lancaster, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
NN0049	NN01	F. C. (col/100 ml)	65	52	276	100	540	100	30
NN0049	NN01	E. coli (col/100 ml)	TNTC	ND	ND	ND	ND	ND	ND
NN0049	NN01	D.O. (mg/L)	9.7	7.4	6.2	7.3	6.4	8	8.0
NN0049	NN01	Temp. (oC)	10	15	23	20	21	14	10.5
NN0049	NN01	D.O. (% sat)	86.1	73.5	72.4	80.5	71.9	77.8	71.8
NN0049	NN01	pH	6.8	6.9	6.8	7.0	7.2	7.3	6.6
NN0049	NN01	Alk (mg/L)	10.1	ND	19.7	25.2	27.1	38.7	34.9

Main Street RR Bridge. Follow dirt road, US of bridge			Lancaster, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
NN0049	NN01	F.C. (col/100 ml)	ND	515	215	TNTC	190	600	860
NN0049	NN01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN0049	NN01	D.O. (mg/L)	ND	7.3	5.8	3.4	11.4	7.0	6.5
NN0049	NN01	Temp. (°C)	ND	12	15.5	21.5	25	19	10.5
NN0049	NN01	D.O. (% sat)	ND	67.8	58.2	38.6	138.3	75.6	58.3
NN0049	NN01	pH	ND	6.50	6.83	6.60	7.00	6.94	6.50
NN0049	NN01	Alk (mg/L)	ND	12.3	27.2	45.5	44.4	45.8	25.3

Main Street RR Bridge. Follow dirt road, US of bridge			Lancaster, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
NN0049	NN01-03	F.C. (col/100 ml)	290	55	40	246	152	TNTC	ND
NN0049	NN01-03	E. coli (col/100 ml)	ND	ND	ND	ND	(TNTC)	TNTC	ND
NN0049	NN01-03	D.O. (mg/L)	9.90	8.40	5.90	6.40	4.80	6.20	7.30
NN0049	NN01-03	Temp (C)	7	11	17.5	20	23	19	11
NN0049	NN01-03	D.O. (% sat)	81.7	76.3	61.8	70.6	56.1	67	66.3
NN0049	NN01-03	pH	6.53	ND	6.40	ND	ND	6.83	ND
NN0049	NN01-03	Alk (mg/L)	12.6	ND	19.1	ND	ND	30.8	ND

Data by Site 1996-2005

Main Street RR Bridge. Follow dirt road, US of bridge			Lancaster, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NN0049	NN01-04	F.C. (col/100 ml)	ND	480	1,000	900	ND	1,800	4,900
NN0049	NN01-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN0049	NN01-04	D.O. (mg/L)	ND	7.25	7.45	8.90	ND	7.6	8.4
NN0049	NN01-04	Temp (C)	ND	17.5	19.5	20.0	ND	18.5	14.0
NN0049	NN01-04	D.O. (% sat)	ND	76.7	82.1	98.1	ND	82.1	81.6
NN0049	NN01-04	pH	ND	6.70	6.77	ND	ND	ND	6.82
NN0049	NN01-04	Alk (mg/L)	ND	11.0	24.0	ND	ND	ND	11.0

Main Street RR Bridge. Follow dirt road, US of bridge			Lancaster, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NN0049	NN01	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN0049	NN01	E. coli (col/100 ml)	ND	7	90	460	100	ND	ND
NN0049	NN01	D.O. (mg/L)	ND	11.0	9.95	7.8	8.0	ND	ND
NN0049	NN01	Temp (C)	ND	13	16	22	19	ND	ND
NN0049	NN01	D.O. (% sat)	ND	104.6	101.0	89.4	86.4	ND	ND
NN0049	NN01	pH	ND	6.85	6.87	6.65	6.63	ND	ND
NN0049	NN01	Alk (mg/L)	ND	10.0	22.0	20.0	18.0	ND	ND

Cook Conservation Area power line crossing			Lancaster, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
NN0854	991006	F.C. (col/100 ml)	ND	TNTC	170	90	150	TNTC	510
NN0854	991006	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN0854	991006	D.O. (mg/L)	6.0	8.5	5.1	ND	4.3	8.1	9.1
NN0854	991006	Temp. (°C)	11.0	16.0	18.5	25.0	25.0	17.5	12.0
NN0854	991006	D.O. (% sat)	54.5	86.3	55.1	ND	52.2	85.7	84.6
NN0854	991006	pH	6.8	6.9	7.2	7.4	7.3	6.6	7.1
NN0854	991006	Alk (mg/L)	20.5	22.6	35.3	44.6	42.5	10.4	22.1

Cook Conservation Area power line crossing.			Lancaster, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
NN0854	NN02	F. C. (col/100 ml)	TNTC	TNTC	530	68	544	ND	48
NN0854	NN02	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN0854	NN02	D.O. (mg/L)	9.6	8.7	5.5	7.3	7.6	ND	8.2
NN0854	NN02	Temp. (oC)	10.0	13.0	20.0	22.0	18.0	ND	13.0
NN0854	NN02	D.O. (% sat)	85.1	82.7	60.6	83.7	80.4	ND	77.9
NN0854	NN02	pH	6.4	6.9	6.9	7.1	7.0	ND	7.0
NN0854	NN02	Alk (mg/L)	12.3	13.3	16.4	32.3	22.5	ND	30.2

Cook Conservation Area power line crossing.			Lancaster, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
NN0854	NN02	F. C. (col/100 ml)	45	588	428	220	TNTC	300	ND
NN0854	NN02	E. coli (col/100 ml)	TNTC	ND	ND	ND	ND	ND	ND
NN0854	NN02	D.O. (mg/L)	9.4	ND	5.3	7.3	6	7.5	8.3
NN0854	NN02	Temp. (oC)	10	15	23	23	22.5	16	11
NN0854	NN02	D.O. (% sat)	83.4	ND	61.9	85.3	69.4	76.1	75.4
NN0854	NN02	pH	6.8	6.9	6.9	7.0	7.0	7.3	6.7
NN0854	NN02	Alk (mg/L)	9.5	ND	20.4	31.0	29.5	30	30.3

Cook Conservation Area power line crossing.			Lancaster, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
NN0854	NN02	F.C. (col/100 ml)	ND	470	0	285	180	1160	580
NN0854	NN02	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN0854	NN02	D.O. (mg/L)	ND	8.3	6.0	5.0	5.2	6.7	8.0
NN0854	NN02	Temp. (°C)	ND	13	15	22	25	20.5	ND
NN0854	NN02	D.O. (% sat)	ND	78.9	59.6	57.3	63.1	74.6	ND
NN0854	NN02	pH	ND	6.50	6.80	6.75	6.85	6.84	6.99
NN0854	NN02	Alk (mg/L)	ND	12.9	21.4	41.4	43.5	41.9	31.2

Data by Site 1996-2005

Cook Conservation Area power line crossing.			Lancaster, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
NN0854	NN02-03	F.C. (col/100 ml)	170	230	88	280	192	TNTC	375
NN0854	NN02-03	E. coli (col/100 ml)	ND	ND	ND	ND	{TNTC}	TNTC	200
NN0854	NN02-03	D.O. (mg/L)	10.20	9.30	6.90	6.40	4.00	5.10	ND
NN0854	NN02-03	Temp (C)	7	11	16	20	19	19	10.5
NN0854	NN02-03	D.O. (% sat)	84.2	84.5	70.1	70.6	43.2	55.1	ND
NN0854	NN02-03	pH	6.38	6.43	ND	6.38	ND	ND	ND
NN0854	NN02-03	Alk (mg/L)	11.7	15.6	ND	34.5	ND	ND	ND

Cook Conservation Area power line crossing.			Lancaster, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NN0854	NN02-04	F.C. (col/100 ml)	450	500	1,250	300	ND	8,100	12,500
NN0854	NN02-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN0854	NN02-04	D.O. (mg/L)	9.9	8.0	6.6	7.3	ND	7.1	9.0
NN0854	NN02-04	Temp (C)	7.5	17.0	19.0	ND	ND	19.0	13.5
NN0854	NN02-04	D.O. (% sat)	83.6	82.9	71.3	ND	ND	76.7	85.6
NN0854	NN02-04	pH	6.10	6.76	6.89	ND	ND	ND	6.81
NN0854	NN02-04	Alk (mg/L)	9.7	22.0	23.0	ND	ND	ND	17.0

Cook Conservation Area power line crossing.			Lancaster, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NN0854	NN02	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN0854	NN02	E. coli (col/100 ml)	ND	10	250	440	115	ND	ND
NN0854	NN02	D.O. (mg/L)	ND	11.0	9.90	8.0	7.8	ND	ND
NN0854	NN02	Temp (C)	ND	12.5	15.5	21.5	19	ND	ND
NN0854	NN02	D.O. (% sat)	ND	104.6	100.5	91.7	84.2	ND	ND
NN0854	NN02	pH	ND	6.83	6.82	6.75	6.85	ND	ND
NN0854	NN02	Alk (mg/L)	ND	9.0	14.0	18.0	24.0	ND	ND

At I190. US of SR2.			Lancaster/ Leominster, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/15	7/20	8/16	9/21	10/18
NN1194	44650.011.7 (2.9)	F.C. (col/100 ml)	ND	ND	ND	732	978	ND	ND
NN1194	44650.011.7 (2.9)	E. coli (col/100 ml)	ND	ND	ND	ND	40	ND	ND
NN1194	44650.011.7 (2.9)	D.O. (mg/L)	ND	ND	4.7	4.9	6.1	5.1	ND
NN1194	44650.011.7 (2.9)	Temp (C)	ND	ND	21.0	19.0	21.0	16.0	ND
NN1194	44650.011.7 (2.9)	D.O. (% sat)	ND	ND	53.0	52.0	68.0	52.0	ND
NN1194	44650.011.7 (2.9)	pH	ND	ND	7.0	6.9	7.4	7.0	ND
NN1194	44650.011.7 (2.9)	Alk (mg/L)	ND	ND	32.3	25.0	66.0	32.8	ND
NN1194	44650.011.7 (2.9)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
NN1194	44650.011.7 (2.9)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

At I190. US of SR2.			Lancaster/ Leominster, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NN1194	NN03-04	F.C. (col/100 ml)	ND	1,200	580	950	ND	10,400	ND
NN1194	NN03-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN1194	NN03-04	D.O. (mg/L)	ND	8.5	7.6	7.6	ND	8.3	9.0
NN1194	NN03-04	Temp (C)	ND	17.0	19.0	20.5	ND	18.0	14.0
NN1194	NN03-04	D.O. (% sat)	ND	88.1	82.1	85.4	ND	87.8	87.5
NN1194	NN03-04	pH	ND	6.75	6.85	ND	ND	ND	6.88
NN1194	NN03-04	Alk (mg/L)	ND	26.0	22.0	ND	ND	ND	25.0

At I190. US of SR2.			Lancaster/ Leominster, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NN1194	NN03	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN1194	NN03	E. coli (col/100 ml)	ND	140	206	650	55	ND	ND
NN1194	NN03	D.O. (mg/L)	ND	10.0	10.35	8.5	8.4	ND	ND
NN1194	NN03	Temp (C)	ND	12	16	21	19	ND	ND
NN1194	NN03	D.O. (% sat)	ND	92.9	105.1	95.5	90.7	ND	ND
NN1194	NN03	pH	ND	6.88	6.91	6.68	6.78	ND	ND
NN1194	NN03	Alk (mg/L)	ND	8.9	17.0	23.0	27.0	ND	ND

Data by Site 1996-2005

Behind Gear Works Cyclery on Hamilton St			Leominster, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NN1905	NN12-04	F.C. (col/100 ml)	ND	750	2,500	300	60,000	30,000	ND
NN1905	NN12-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN1905	NN12-04	D.O. (mg/L)	ND	9.4	7.7	7.9	7.6	7.9	ND
NN1905	NN12-04	Temp (C)	ND	16.0	21.0	21.0	22.0	18.0	ND
NN1905	NN12-04	D.O. (% sat)	ND	95.4	86.5	88.2	86.36	83.16	ND
NN1905	NN12-04	pH	ND	6.84	6.82	ND	6.89	6.85	ND
NN1905	NN12-04	Alk (mg/L)	ND	19.5	23.0	ND	25.0	20.0	ND

Behind Gear Works Cyclery on Hamilton St			Leominster, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NN1905	NN12	F.C. (col/100 ml)	168	ND	ND	ND	ND	ND	ND
NN1905	NN12	E. coli (col/100 ml)	ND	225	ND	180	95	ND	ND
NN1905	NN12	D.O. (mg/L)	9.0	9.5	ND	8.9	8.5	ND	ND
NN1905	NN12	Temp (C)	8	13	ND	23	20	ND	ND
NN1905	NN12	D.O. (% sat)	76.1	90.3	ND	104.0	93.7	ND	ND
NN1905	NN12	pH	6.32	7.02	ND	6.78	6.50	ND	ND
NN1905	NN12	Alk (mg/L)	12.0	11.1	ND	18.0	21.0	ND	ND

Rt 12 circle. McDonald parking lot drainage swale			Fitchburg, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/23	6/17	7/15	8/19	9/16	10/14
NN2888	NN09	F.C. (col/100 ml)	330	520	7300	TNTC	TNTC	ND	TNTC
NN2888	NN09	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN2888	NN09	D.O. (mg/L)	10.3	9.3	8.0	6.1	7.9	ND	9.1
NN2888	NN09	Temp. (oC)	9.0	13.0	20.0	22.0	19.0	ND	12
NN2888	NN09	D.O. (% sat)	89.2	88.4	88.2	69.9	85.3	ND	84.6
NN2888	NN09	pH	6.8	7.0	7.2	7.4	6.3	ND	7.0
NN2888	NN09	Alk (mg/L)	7.0	8.1	8.6	35.2	14.8	ND	26.8

Rt 12 circle. McDonald parking lot drainage swale			Fitchburg, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
NN2888	NN09	F.C. (col/100 ml)	140	ND	ND	ND	ND	ND	ND
NN2888	NN09	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN2888	NN09	D.O. (mg/L)	10.8	ND	ND	ND	ND	ND	ND
NN2888	NN09	Temp. (oC)	8	ND	ND	ND	ND	ND	ND
NN2888	NN09	D.O. (% sat)	91.3	ND	ND	ND	ND	ND	ND
NN2888	NN09	pH	6.7	ND	ND	ND	ND	ND	ND
NN2888	NN09	Alk (mg/L)	4.0	ND	ND	ND	ND	ND	ND

Rt 12 circle. McDonald parking lot drainage swale			Fitchburg, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
NN2888	NN09	F.C. (col/100 ml)	ND	690	ND	325	450	ND	ND
NN2888	NN09	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN2888	NN09	D.O. (mg/L)	ND	ND	ND	5.0	4.9	ND	ND
NN2888	NN09	Temp. (°C)	ND	13	ND	23	25	ND	ND
NN2888	NN09	D.O. (% sat)	ND	ND	ND	58.4	59.5	ND	ND
NN2888	NN09	pH	ND	6.69	ND	6.89	6.87	ND	ND
NN2888	NN09	Alk (mg/L)	ND	8.3	ND	37.8	50.3	ND	ND

Rt 12 circle. McDonald parking lot drainage swale			Fitchburg, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NN2888	NN09-04	F.C. (col/100 ml)	ND	650	850	250	1,125	6,200	ND
NN2888	NN09-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN2888	NN09-04	D.O. (mg/L)	ND	9.20	8.80	8.0	8.1	8.0	ND
NN2888	NN09-04	Temp (C)	ND	18.0	21.0	22.0	22.0	19.0	ND
NN2888	NN09-04	D.O. (% sat)	ND	97.4	98.9	91.7	92.9	86.4	ND
NN2888	NN09-04	pH	ND	7.05	7.11	ND	6.85	7.24	ND
NN2888	NN09-04	Alk (mg/L)	ND	16.0	15.4	ND	20.0	14.0	ND

Data by Site 1996-2005

Rt 12 circle. McDonald parking lot drainage swale			Fitchburg, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
NN2888	NN09	F.C. (col/100 ml)	78	ND	ND	ND	ND	ND	ND
NN2888	NN09	E. coli (col/100 ml)	ND	60	ND	386	36	ND	ND
NN2888	NN09	D.O. (mg/L)	11.5	10.0	ND	8.6	9.4	ND	ND
NN2888	NN09	Temp (C)	8.5	NN	ND	24	21	ND	ND
NN2888	NN09	D.O. (% sat)	99.6		ND	102.4	105.6	ND	ND
NN2888	NN09	pH	6.40	6.82	ND	6.87	NN	ND	ND
NN2888	NN09	Alk (mg/L)	9.0	9.0	ND	18.0	NN	ND	ND

Upstream from Depot Street bridge			Fitchburg, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/23	6/17	7/15	8/19	9/16	10/14
NN3059	NN10	F. C. (col/100 ml)	174	14	TNTC	TNTC	TNTC	ND	TNTC
NN3059	NN10	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN3059	NN10	D.O. (mg/L)	9.6	10.3	7.8	6.9	7.7	ND	6.0
NN3059	NN10	Temp. (oC)	9.0	12.0	20.0	22.0	19.0	ND	14.0
NN3059	NN10	D.O. (% sat)	81.4	95.7	86.0	79.1	83.2	ND	58.3
NN3059	NN10	pH	6.6	7.0	7.3	7.6	6.1	ND	7.2
NN3059	NN10	Alk (mg/L)	5.8	8.4	9.6	49.3	14.2	ND	27.7

Upstream from Depot Street bridge			Fitchburg, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
NN3059	NN10	F. C. (col/100 ml)	105	ND	ND	ND	ND	ND	ND
NN3059	NN10	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN3059	NN10	D.O. (mg/L)	10.4	ND	ND	ND	ND	ND	ND
NN3059	NN10	Temp. (oC)	8	ND	ND	ND	ND	ND	ND
NN3059	NN10	D.O. (% sat)	87.9	ND	ND	ND	ND	ND	ND
NN3059	NN10	pH	6.7	ND	ND	ND	ND	ND	ND
NN3059	NN10	Alk (mg/L)	3.8	ND	ND	ND	ND	ND	ND

Upstream from Depot Street bridge			Fitchburg, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
NN3059	NN10	F.C. (col/100 ml)	ND	315	ND	TNTC	TNTC	ND	ND
NN3059	NN10	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
NN3059	NN10	D.O. (mg/L)	ND	6.5	ND	6.3	5.7	ND	ND
NN3059	NN10	Temp. (°C)	ND	13	ND	27	25	ND	ND
NN3059	NN10	D.O. (% sat)	ND	61.8	ND	79.2	69.2	ND	ND
NN3059	NN10	pH	ND	5.91	ND	6.85	6.98	ND	ND
NN3059	NN10	Alk (mg/L)	ND	4.4	ND	43.2	56.8	ND	ND

North Nashua River Tributaries

Flag Brook. Off Princeton Rd US WWTP, just before RR overpass on Rt 31			Fitchburg, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19		8/21	9/18	10/16
FB0052	FB01-04	F.C. (col/100 ml)	ND	900	450	450	7,500	1,800	ND
FB0052	FB01-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
FB0052	FB01-04	D.O. (mg/L)	ND	7.9	6.7	8.7	7.8	7.9	ND
FB0052	FB01-04	Temp (C)	ND	19.0	21.0	21.0	22.0	19.0	ND
FB0052	FB01-04	D.O. (% sat)	ND	85.3	75.3	97.8	89.4	85.3	ND
FB0052	FB01-04	pH	ND	6.93	6.89	7.09	7.06	7.08	ND
FB0052	FB01-04	Alk (mg/L)	ND	11.5	10.2	11.0	15.0	14.0	ND

Flag Brook. Off Princeton Rd US WWTP, just before RR overpass on Rt 31			Fitchburg, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
FB0052	FB01	F.C. (col/100 ml)	3	ND	ND	ND	ND	ND	ND
FB0052	FB01	E. coli (col/100 ml)	ND	437	ND	210	2	ND	ND
FB0052	FB01	D.O. (mg/L)	11.8	10.5	ND	8.7	8.7	ND	ND
FB0052	FB01	Temp (C)	8.5	13	ND	24	18	ND	ND
FB0052	FB01	D.O. (% sat)	102.2	99.8	ND	103.6	92.1	ND	ND
FB0052	FB01	pH	6.40	6.87	ND	6.91	6.67	ND	ND
FB0052	FB01	Alk (mg/L)	8.0	13.0	ND	22.0	14.0	ND	ND

Data by Site 1996-2005

Monoosnoc Brook. About 25' US of confluence with North Nashua Rive			Leominster, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
MN0001	44825.000.00	F.C. (col/100 ml)	ND	ND	172	340	ND	ND	20
MN0001	44825.000.00	E. coli (col/100 ml)	ND	ND	ND	6.5	ND	ND	ND
MN0001	44825.000.00	D.O. (mg/L)	ND	ND	8	ND	ND	ND	9.5
MN0001	44825.000.00	Temp (C)	ND	ND	22	20	ND	ND	10
MN0001	44825.000.00	D.O. (% sat)	ND	ND	92	ND	ND	ND	84.2
MN0001	44825.000.00	pH	ND	ND	6.6	ND	ND	ND	6.5
MN0001	44825.000.00	Alk (mg/L)	ND	ND	18	ND	ND	ND	31

Monoosnoc Brook. About 25' US of confluence with North Nashua Rive			Leominster, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
MN0001	44825.000.00	F.C. (col/100 ml)	133	ND	120	ND	ND	ND	ND
MN0001	44825.000.00	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
MN0001	44825.000.00	D.O. (mg/L)	10	ND	9.1	ND	6.96	ND	ND
MN0001	44825.000.00	Temp (C)	14.4	ND	20.5	ND	20	ND	ND
MN0001	44825.000.00	D.O. (% sat)	98	ND	101	ND	77	ND	ND
MN0001	44825.000.00	pH	6.8	ND	6.69	ND	6.7	ND	ND
MN0001	44825.000.00	Alk (mg/L)	12	ND	5.9	ND	24.8	ND	ND
MN0001	44825.000.00	BOD	1.54	ND	ND	ND	ND	ND	ND

Monoosnoc Brook. US bridge at Whitney S			Leominster, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
MN0171	Whitney St bridge	F.C. (col/100 ml)	386	ND	140	ND	ND	ND	ND
MN0171	Whitney St bridge	E. coli (col/100 ml)	200	ND	ND	ND	ND	ND	ND
MN0171	Whitney St bridge	D.O. (mg/L)	10.5	ND	8.5	ND	ND	ND	ND
MN0171	Whitney St bridge	Temp (C)	13.8	ND	20	ND	ND	ND	ND
MN0171	Whitney St bridge	D.O. (% sat)	100	ND	94	ND	ND	ND	ND
MN0171	Whitney St bridge	pH	6.9	ND	6.86	ND	ND	ND	ND
MN0171	Whitney St bridge	Alk (mg/L)	9	ND	4.8	ND	ND	ND	ND
MN0171	Whitney St bridge	BOD	1.45	ND	ND	ND	ND	ND	ND

Monoosnoc Brook. Rockwell Pond, outfall on Pond St			Leominster, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
MN0379	44825.003.63	F.C. (col/100 ml)	ND	ND	48	112	ND	ND	20
MN0379	44825.003.63	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
MN0379	44825.003.63	D.O. (mg/L)	ND	ND	6	9.5	ND	ND	10
MN0379	44825.003.63	Temp (C)	ND	ND	26	27	ND	ND	15
MN0379	44825.003.63	D.O. (% sat)	ND	ND	74	1.2	ND	ND	99.3
MN0379	44825.003.63	pH	ND	ND	6.5	ND	ND	ND	6.5
MN0379	44825.003.63	Alk (mg/L)	ND	ND	12	ND	ND	ND	15

Phillips Brook. Just US of confluence with NN River off Rt 12			West Fitchburg, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/23	6/17	7/15	8/19	9/16	9/16
PB0005	PB01	F. C. (col/100 ml)	8	TNTC	210	185	35	TNTC	10200
PB0005	PB01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
PB0005	PB01	D.O. (mg/L)	10.8	11.4	8.4	7.3	8.7	10.5	10.9
PB0005	PB01	Temp. (oC)	7.0	10.0	16.7	20.5	16.0	15.0	15.0
PB0005	PB01	D.O. (% sat)	89.1	101.2	86.6	80.8	88.3	104.2	108.2
PB0005	PB01	pH	6.5	6.8	6.9	6.9	6.3	6.6	6.5
PB0005	PB01	Alk (mg/L)	3.8	4.7	4.1	8.3	8.8	8.4	8.3

Phillips Brook. Just US of confluence with NN River off Rt 12			West Fitchburg, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
PB0005	PB01	F. C. (col/100 ml)	10	ND	ND	ND	ND	ND	ND
PB0005	PB01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
PB0005	PB01	D.O. (mg/L)	11.3	ND	ND	ND	ND	ND	ND
PB0005	PB01	Temp. (oC)	7	ND	ND	ND	ND	ND	ND
PB0005	PB01	D.O. (% sat)	93.2	ND	ND	ND	ND	ND	ND
PB0005	PB01	pH	6.4	ND	ND	ND	ND	ND	ND
PB0005	PB01	Alk (mg/L)	1.6	ND	ND	ND	ND	ND	ND

Data by Site 1996-2005

Phillips Brook. Just US of confluence with NN River off Rt 12			West Fitchburg, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
PB0005	PB01	F.C. (col/100 ml)	ND	360	ND	0	TNTC	ND	ND
PB0005	PB01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
PB0005	PB01	D.O. (mg/L)	ND	6.6	ND	5.0	6.8	ND	ND
PB0005	PB01	Temp. (°C)	ND	11	ND	23	23	ND	ND
PB0005	PB01	D.O. (% sat)	ND	59.9	ND	58.4	79.4	ND	ND
PB0005	PB01	pH	ND	6.34	ND	6.89	6.27	ND	ND
PB0005	PB01	Alk (mg/L)	ND	3.5	ND	37.8	13.6	ND	ND

Phillips Brook. Just US of confluence with NN River off Rt 12			West Fitchburg, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
PB0005	PB03-04	F.C. (col/100 ml)	ND	ND	216	175	780	10,100	4,250
PB0005	PB03-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
PB0005	PB03-04	D.O. (mg/L)	ND	8.7	8.7	9.8	11.5	8.9	9.8
PB0005	PB03-04	Temp (C)	ND	15.5	19.0	19.5	20.5	ND	11.0
PB0005	PB03-04	D.O. (% sat)	ND	88.3	94.0	108.0	127.8	ND	89.0
PB0005	PB03-04	pH	ND	7.07	7.03	6.91	6.39	6.39	6.79
PB0005	PB03-04	Alk (mg/L)	ND	6.4	7.5	6.0	12.5	9.5	18.0

Phillips Brook. At Rt 12 DS of Potato Hill Bridg			Ashburnham, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
PB0359	PB01-03	F.C. (col/100 ml)	15	0	12	28	32	15	80
PB0359	PB01-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	40
PB0359	PB01-03	D.O. (mg/L)	11.30	8.70	7.40	3.60	4.50	7.90	8.70
PB0359	PB01-03	Temp (C)	5	8	15	19	20	16	9.5
PB0359	PB01-03	D.O. (% sat)	88.6	73.5	73.5	38.9	49.6	80.2	76.2
PB0359	PB01-03	pH	5.65	6.22	ND	6.61	6.33	6.36	ND
PB0359	PB01-03	Alk (mg/L)	1.6	3.3	ND	8.5	9.7	8.5	ND

Phillips Brook. 50' DS of Factory Village Ponc			Ashburnham, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
PB0910	Phillips Brook 2	F.C. (col/100 ml)	27	74	100	ND	10	ND	20
PB0910	Phillips Brook 2	E. coli (col/100 ml)	0	40	0	ND	0	ND	ND
PB0910	Phillips Brook 2	D.O. (mg/L)	11	12	5.5	ND	9.5	ND	7.25
PB0910	Phillips Brook 2	Temp (C)	10	14	17	ND	21	ND	9
PB0910	Phillips Brook 2	D.O. (% sat)	98	120	57	ND	107	ND	63
PB0910	Phillips Brook 2	pH	6.4	6.35	6.4	ND	6.7	ND	6.35
PB0910	Phillips Brook 2	Alk (mg/L)	5	5	5	ND	14	ND	10
PB0910	Phillips Brook 2	BOD	ND	ND	ND	ND	ND	ND	ND

Phillips Brook. Former swim pond in Ashburnham on US side of dam			Ashburnham, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
PB1142	PB02	F. C. (col/100 ml)	ND	94	135	262	115	65	8
PB1142	PB02	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
PB1142	PB02	D.O. (mg/L)	10.0	9.6	8.1	7.3	8.3	10.3	9.1
PB1142	PB02	Temp. (oC)	8.0	11.0	19.0	20.0	ND	16.0	10.0
PB1142	PB02	D.O. (% sat)	89.6	87.2	87.5	80.5	ND	104.5	80.7
PB1142	PB02	pH	5.6	6.1	6.3	6.7	6.1	5.8	6.5
PB1142	PB02	Alk (mg/L)	0.6	1.1	1.3	4.9	2.9	0.4	3.4

Phillips Brook. Former swim pond in Ashburnham on US side of dam			Ashburnham, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
PB1142	PB02	F. C. (col/100 ml)	15	ND	ND	ND	ND	ND	ND
PB1142	PB02	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
PB1142	PB02	D.O. (mg/L)	10.4	ND	ND	ND	ND	ND	ND
PB1142	PB02	Temp. (oC)	5	ND	ND	ND	ND	ND	ND
PB1142	PB02	D.O. (% sat)	81.6	ND	ND	ND	ND	ND	ND
PB1142	PB02	pH	5.5	ND	ND	ND	ND	ND	ND
PB1142	PB02	Alk (mg/L)	2.4	ND	ND	ND	ND	ND	ND

Data by Site 1996-2005

Phillips Brook. Former swim pond in Ashburnham on US side of dam			Ashburnham, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
PB1142	PB02-03	F.C. (col/100 ml)	0	20	20	30	20	70	20
PB1142	PB02-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	0
PB1142	PB02-03	D.O. (mg/L)	10.20	9.80	6.40	4.90	5.80	6.20	8.30
PB1142	PB02-03	Temp (C)	4.5	9	16	20	22	18	9
PB1142	PB02-03	D.O. (% sat)	78.9	84.9	65	54	66.5	65.6	71.9
PB1142	PB02-03	pH	5.07	5.75	ND	5.75	5.78	5.74	ND
PB1142	PB02-03	Alk (mg/L)	0.4	10.4	ND	4.6	3.4	4.0	ND

Phillips Brook. Former swim pond in Ashburnham on US side of dar			Ashburnham, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
PB1142	PB02-04	F.C. (col/100 ml)	ND	ND	176	30	60	1,100	150
PB1142	PB02-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
PB1142	PB02-04	D.O. (mg/L)	ND	6.8	7.4	9.2	11.0	9.4	ND
PB1142	PB02-04	Temp (C)	ND	16.0	17.0	19.5	19.5	17.0	11.5
PB1142	PB02-04	D.O. (% sat)	ND	69.0	76.7	100.9	121.3	97.4	ND
PB1142	PB02-04	pH	ND	6.28	6.44	6.52	6.79	6.22	6.35
PB1142	PB02-04	Alk (mg/L)	ND	3.0	3.2	5.6	8.0	7.0	15.0

Phillips Brook. Outfall of Lake Winnekeag, about 15 yds DS of dam			Ashburnham, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
PB1345	Phillips Brook 1	F.C. (col/100 ml)	0	20	0	ND	20	ND	0
PB1345	Phillips Brook 1	E. coli (col/100 ml)	0	ND	ND	ND	ND	ND	ND
PB1345	Phillips Brook 1	D.O. (mg/L)	11	9.5	8.5	ND	5.5	ND	8.25
PB1345	Phillips Brook 1	Temp (C)	9	15	20	ND	17	ND	10
PB1345	Phillips Brook 1	D.O. (% sat)	95	90	93	ND	57	ND	73
PB1345	Phillips Brook 1	pH	6	5.4	5.6	ND	5.85	ND	5.5
PB1345	Phillips Brook 1	Alk (mg/L)	3	2	4	ND	9.5	ND	3
PB1345	Phillips Brook 1	BOD	ND	ND	ND	ND	ND	ND	ND

Phillips Brook. Outfall of Lake Winnekeag, about 15 yds DS of dam			Ashburnham, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
PB1345	PB03	F. C. (col/100 ml)	ND	2	ND	380	40	18	ND
PB1345	PB03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
PB1345	PB03	D.O. (mg/L)	10.6	6.9	8.2	7.1	7.3	9.5	8.7
PB1345	PB03	Temp. (oC)	8.0	14.0	18.5	23.0	ND	17.0	12
PB1345	PB03	D.O. (% sat)	84.5	67.1	87.7	82.9	ND	98.4	80.9
PB1345	PB03	pH	5.6	5.6	5.7	6.1	5.6	5.8	5.9
PB1345	PB03	Alk (mg/L)	0.4	0.6	0.3	1.4	0.6	0.4	0.9

Phillips Brook. Outfall of Lake Winnekeag, about 15 yds DS of dam			Ashburnham, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
PB1345	PB03	F. C. (col/100 ml)	50	ND	ND	ND	ND	ND	ND
PB1345	PB03	E. coli (col/100 ml)	60	ND	ND	ND	ND	ND	ND
PB1345	PB03	D.O. (mg/L)	11.4	ND	ND	ND	ND	ND	ND
PB1345	PB03	Temp. (oC)	5	ND	ND	ND	ND	ND	ND
PB1345	PB03	D.O. (% sat)	89.4	ND	ND	ND	ND	ND	ND
PB1345	PB03	pH	5.2	ND	ND	ND	ND	ND	ND
PB1345	PB03	Alk (mg/L)	0.0	ND	ND	ND	ND	ND	ND

Wekepeke below Bartlett Pond dam			Lancaster, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/15	7/20	8/16	9/21	10/18
WE0034	44750.000.5 (2.8)	F.C. (col/100 ml)	ND	ND	168	324	181	ND	ND
WE0034	44750.000.5 (2.8)	E. coli (col/100 ml)	ND	ND	ND	ND	0	ND	ND
WE0034	44750.000.5 (2.8)	D.O. (mg/L)	ND	ND	4.8	4.2	9.3	4.7	ND
WE0034	44750.000.5 (2.8)	Temp (C)	ND	ND	21.0	18.0	19.0	15.0	ND
WE0034	44750.000.5 (2.8)	D.O. (% sat)	ND	ND	54.0	44.0	100.0	47.0	ND
WE0034	44750.000.5 (2.8)	pH	ND	ND	6.9	6.9	7.3	6.9	ND
WE0034	44750.000.5 (2.8)	Alk (mg/L)	ND	ND	23.9	21.1	31.0	23.5	ND
WE0034	44750.000.5 (2.8)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
WE0034	44750.000.5 (2.8)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

Data by Site 1996-2005

Wekepeke below Bartlett Pond dam.			Lancaster, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
WE0034	991005	F.C. (col/100 ml)	ND	260	220	40	300	TNTC	300
WE0034	991005	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
WE0034	991005	D.O. (mg/L)	6.3	9.3	6.2	3.5	3.6	8.3	9.2
WE0034	991005	Temp. (°C)	10.0	15.0	18.0	25.0	24.0	16.0	10.0
WE0034	991005	D.O. (% sat)	55.9	92.4	65.6	42.5	42.9	84.3	81.6
WE0034	991005	pH	6.9	7.1	7.0	7.3	7.1	6.6	7.0
WE0034	991005	Alk (mg/L)	19.6	21.9	23.6	29.8	25.5	12.8	26.1

Wekepeke below Bartlett Pond dam			Lancaster, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
WE0034	WE01	F.C. (col/100 ml)	TNTC	150	500	180	TNTC	ND	394
WE0034	WE01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
WE0034	WE01	D.O. (mg/L)	ND	8.7	7.5	7.8	7.4	ND	9.5
WE0034	WE01	Temp. (oC)	10.0	10.0	19.0	20.0	16.0	ND	11.0
WE0034	WE01	D.O. (% sat)	ND	77.2	81.0	86.0	75.1	ND	86.3
WE0034	WE01	pH	ND	6.9	6.9	6.9	6.9	ND	6.8
WE0034	WE01	Alk (mg/L)	ND	15.7	16.8	25.4	24.6	ND	26.1

Wekepeke below Bartlett Pond dam			Lancaster, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
WE0034	WE01	F.C. (col/100 ml)	ND	288	2000	320	TNTC	2,100	270
WE0034	WE01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
WE0034	WE01	D.O. (mg/L)	9.1	8.6	5.9	6.7	4.4	8.6	8.7
WE0034	WE01	Temp. (oC)	10	13.5	22	20	21	14.5	9
WE0034	WE01	D.O. (% sat)	80.7	82.6	67.7	73.9	49.4	84.5	75.3
WE0034	WE01	pH	7.0	7.1	6.9	6.8	6.5	7.1	6.6
WE0034	WE01	Alk (mg/L)	1.4	ND	20.9	24.0	28.3	24.5	24.2

Wekepeke below Bartlett Pond dam			Lancaster, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
WE0034	WE01	F.C. (col/100 ml)	ND	TNTC	0	140	210	TNTC	TNTC
WE0034	WE01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
WE0034	WE01	D.O. (mg/L)	ND	8.8	4.6	5.7	6.4	8.4	7.9
WE0034	WE01	Temp. (°C)	ND	12	13.5	20.5	23	19	8.5
WE0034	WE01	D.O. (% sat)	ND	81.8	44.2	63.4	74.8	90.7	67.6
WE0034	WE01	pH	ND	6.45	6.79	6.43	6.71	6.87	6.74
WE0034	WE01	Alk (mg/L)	ND	12.6	22.5	21.9	26.7	25.1	22.1

Wekepeke below Bartlett Pond dam			Lancaster, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
WE0034	WE01-03	F.C. (col/100 ml)	210	125	80	TNTC	TNTC	TNTC	TNTC
WE0034	WE01-03	E. coli (col/100 ml)	ND	ND	ND	ND	TNTC	TNTC	TNTC
WE0034	WE01-03	D.O. (mg/L)	10.00	8.90	7.20	7.20	4.50	5.70	ND
WE0034	WE01-03	Temp (C)	7.5	9	14.5	19	22	17	9
WE0034	WE01-03	D.O. (% sat)	83.6	77.1	70.7	77.8	51.6	59.1	ND
WE0034	WE01-03	pH	6.69	ND	ND	ND	6.71	ND	ND
WE0034	WE01-03	Alk (mg/L)	12.8	ND	ND	ND	25.4	ND	ND

Wekepeke below Bartlett Pond dam			Lancaster, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
WE0034	WE01-04	F.C. (col/100 ml)	380	650	400	1,200	ND	9,900	TNTC
WE0034	WE01-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
WE0034	WE01-04	D.O. (mg/L)	8.8	10.5	6.8	8.2	ND	8.9	8.7
WE0034	WE01-04	Temp (C)	6.5	16.0	18.0	18.0	ND	17.0	12.0
WE0034	WE01-04	D.O. (% sat)	72.5	106.6	72.0	86.8	ND	92.2	80.9
WE0034	WE01-04	pH	6.18	6.88	6.92	ND	ND	ND	6.85
WE0034	WE01-04	Alk (mg/L)	10.0	22.0	23.0	ND	ND	ND	20.0

Data by Site 1996-2005

Wekepeke below Bartlett Pond dam			Lancaster, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
WE0034	WE01	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
WE0034	WE01	E. coli (col/100 ml)	ND	3	150	650	NN	ND	ND
WE0034	WE01	D.O. (mg/L)	ND	11.5	10.8	8.5	8.2	ND	ND
WE0034	WE01	Temp (C)	ND	11	15	20.5	17.5	ND	ND
WE0034	WE01	D.O. (% sat)	ND	104.5	107.2	95.5	86.8	ND	ND
WE0034	WE01	pH	ND	7.15	6.96	6.68	6.78	ND	ND
WE0034	WE01	Alk (mg/L)	ND	5.6	16.0	23.0	29.0	ND	ND

Whitman River. Off Westminster Rd. Behind sewage pumping station			Westminster, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/23	6/17	7/15	8/19	9/16	10/14
WR0223	WR01	F. C. (col/100 ml)	ND	ND	29	45	22	18	20
WR0223	WR01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
WR0223	WR01	D.O. (mg/L)	9.9	9.3	6.5	7.3	7.4	9.3	ND
WR0223	WR01	Temp. (oC)	9.0	13.0	20.0	19.0	19.0	12.0	11.0
WR0223	WR01	D.O. (% sat)	85.7	88.4	71.7	78.8	79.9	86.4	ND
WR0223	WR01	pH	6.2	6.4	6.6	6.8	6.1	6.1	6.6
WR0223	WR01	Alk (mg/L)	2.4	2.6	2.0	7.6	4.5	4.2	4.7

Whitman River. Off Westminster Rd. Behind sewage pumping station			Westminster, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
WR0223	WR01	F. C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
WR0223	WR01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
WR0223	WR01	D.O. (mg/L)	ND	ND	ND	ND	ND	ND	ND
WR0223	WR01	Temp. (oC)	ND	ND	ND	ND	ND	ND	ND
WR0223	WR01	D.O. (% sat)	ND	ND	ND	ND	ND	ND	ND
WR0223	WR01	pH	ND	ND	ND	ND	ND	ND	ND
WR0223	WR01	Alk (mg/L)	ND	ND	ND	ND	ND	ND	ND

South Nashua River

Bolton Rd. bridge, US bridge RB.			Lancaster, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
SN0043	43500.058.45(3)	F.C. (col/100 ml)	60	ND	ND	ND	ND	ND	ND
SN0043	43500.058.45(3)	E. coli (col/100 ml)	0	ND	ND	ND	ND	ND	ND
SN0043	43500.058.45(3)	D.O. (mg/L)	11.8	8.8	ND	ND	ND	ND	ND
SN0043	43500.058.45(3)	Temp (C)	6.0	14.0	ND	ND	ND	ND	ND
SN0043	43500.058.45(3)	D.O. (% sat)	95.0	86.0	ND	ND	ND	ND	ND
SN0043	43500.058.45(3)	pH	6.4	6.9	ND	ND	ND	ND	ND
SN0043	43500.058.45(3)	Alk (mg/L)	10.0	21.0	ND	ND	ND	ND	ND

S Nashau at Mill Street			Lancaster, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/15	7/20	8/16	9/21	10/18
SN0169	43500.059.7 (2.7)	F.C. (col/100 ml)	ND	ND	140	288	295	ND	ND
SN0169	43500.059.7 (2.7)	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SN0169	43500.059.7 (2.7)	D.O. (mg/L)	ND	ND	4.4	4.8	8.3	5.1	ND
SN0169	43500.059.7 (2.7)	Temp (C)	ND	ND	18.0	20.0	21.0	16.0	ND
SN0169	43500.059.7 (2.7)	D.O. (% sat)	ND	ND	47.0	53.0	93.0	52.0	ND
SN0169	43500.059.7 (2.7)	pH	ND	ND	6.7	6.9	7.2	7.1	ND
SN0169	43500.059.7 (2.7)	Alk (mg/L)	ND	ND	24.4	21.0	30.0	27.5	ND
SN0169	43500.059.7 (2.7)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
SN0169	43500.059.7 (2.7)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

S Nashau at Mill Street			Lancaster, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
SN0169	43500.059.70 (1)	F.C. (col/100 ml)	1248	490	552	TNTC	ND	1660	ND
SN0169	43500.059.70 (1)	E. coli (col/100 ml)	920	560	ND	720	ND	460	ND
SN0169	43500.059.70 (1)	D.O. (mg/L)	12.0	10.0	8.0	6.8	ND	8.0	ND
SN0169	43500.059.70 (1)	Temp (C)	6.0	11.5	20.0	22.0	ND	19.0	ND
SN0169	43500.059.70 (1)	D.O. (% sat)	96.0	93.0	88.0	79.0	ND	86.0	ND
SN0169	43500.059.70 (1)	pH	6.5	6.9	6.8	6.9	ND	6.9	ND
SN0169	43500.059.70 (1)	Alk (mg/L)	15.0	24.5	29.0	ND	ND	25.5	ND

Data by Site 1996-2005

S Nashau at Mill Street			Lancaster, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
SN0169	43500.59.70	F.C. (col/100 ml)	ND	40	0	460	ND	224	60
SN0169	43500.59.70	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	100
SN0169	43500.59.70	D.O. (mg/L)	ND	5.9	7.26	7	6.63	7.05	10
SN0169	43500.59.70	Temp (C)	ND	15	21	23	20	18	14
SN0169	43500.59.70	D.O. (% sat)	ND	59	82	82	73	75	97
SN0169	43500.59.70	pH	ND	6	6.92	7.2	7	6.52	7
SN0169	43500.59.70	Alk (mg/L)	ND	5.4	13.7	17.6	31.6	26.2	33
SN0169	43500.59.70	BOD	ND	ND	ND	ND	ND	ND	ND

S Nashau at Mill Street			Lancaster, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
SN0169	991002	F.C. (col/100 ml)	86	88	390	TNTC	ND	300	590
SN0169	991002	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SN0169	991002	D.O. (mg/L)	5.9	8.2	5.4	3.9	3.2	6.9	5.5
SN0169	991002	Temp. (°C)	11.0	15.0	18.0	23.0	24.0	17.0	13.0
SN0169	991002	D.O. (% sat)	53.6	76.6	57.1	45.6	37.7	71.5	52.3
SN0169	991002	pH	6.9	7.0	7.1	7.1	7.1	6.6	7.1
SN0169	991002	Alk (mg/L)	30.9	29.6	24.9	33.0	38.7	25.5	42.2

S Nashau at Mill Street			Lancaster, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
SN0169	NM08	F. C. (col/100 ml)	116	190	490	280	160	ND	54
SN0169	NM08	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SN0169	NM08	D.O. (mg/L)	10.6	9.4	7.5	7.1	7.3	ND	8.8
SN0169	NM08	Temp. (oC)	9.0	13.0	20.0	20.0	18.0	ND	13.0
SN0169	NM08	D.O. (% sat)	91.8	89.4	82.7	78.3	77.2	ND	83.7
SN0169	NM08	pH	6.4	7.0	6.9	7.0	7.1	ND	6.9
SN0169	NM08	Alk (mg/L)	9.1	29.6	19.5	30.5	37.1	ND	31.7

S Nashau at Mill Street			Lancaster, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/1	8/18	9/15	10/20
SN0169	NM09	F. C. (col/100 ml)	ND	188	292	240	630	380	10
SN0169	NM09	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SN0169	NM09	D.O. (mg/L)	10.9	8.1	6.1	6.2	6.4	6.9	7.6
SN0169	NM09	Temp. (oC)	7	15	22	18.5	21	9	13
SN0169	NM09	D.O. (% sat)	89.9	80.4	70.0	68.4	71.9	59.7	72.2
SN0169	NM09	pH	6.8	7.0	6.8	6.8	6.9	7.1	6.8
SN0169	NM09	Alk (mg/L)	6.5	ND	23.6	27.9	29.6	34.2	32.7

S Nashau at Mill Street			Lancaster, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
SN0169	SN01	F.C. (col/100 ml)	ND	775	TNTC	360	130	0	160
SN0169	SN01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SN0169	SN01	D.O. (mg/L)	ND	7.5	4.3	5.1	5.8	2.2	8.0
SN0169	SN01	Temp. (°C)	ND	12	15	20.5	23	18.5	10.5
SN0169	SN01	D.O. (% sat)	ND	69.7	42.7	56.7	67.8	23.5	71.8
SN0169	SN01	pH	ND	6.57	6.80	6.68	6.98	6.36	6.44
SN0169	SN01	Alk (mg/L)	ND	16.8	28.8	41.5	41.3	21.8	25.3

S Nashau at Mill Street			Lancaster, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
SN0169	SN01-03	F.C. (col/100 ml)	50	55	64	56	52	20	220
SN0169	SN01-03	E. coli (col/100 ml)	ND	ND	ND	ND	(TNTC)	(900)	40
SN0169	SN01-03	D.O. (mg/L)	9.70	6.10	8.30	8.30	5.20	7.60	7.10
SN0169	SN01-03	Temp (C)	6.5	11	13	15	16	14.5	11
SN0169	SN01-03	D.O. (% sat)	79	55.4	78.9	82.4	52.8	74.7	64.5
SN0169	SN01-03	pH	6.54	6.50	ND	6.01	ND	ND	6.60
SN0169	SN01-03	Alk (mg/L)	11.9	19.8	ND	7.7	ND	ND	30.5

Data by Site 1996-2005

S Nashau at Mill Street.			Lancaster, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
SN0169	SN01-04	F.C. (col/100 ml)	ND	450	900	80	ND	ND	1,050
SN0169	SN01-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SN0169	SN01-04	D.O. (mg/L)	ND	8.5	8.0	10.2	ND	8.9	8.9
SN0169	SN01-04	Temp (C)	ND	12.0	13.0	14.0	ND	16.0	13.0
SN0169	SN01-04	D.O. (% sat)	ND	79.0	76.0	99.1	ND	90.4	84.6
SN0169	SN01-04	pH	ND	6.74	6.37	7.01	ND	6.89	6.84
SN0169	SN01-04	Alk (mg/L)	ND	10.0	10.2	8.0	ND	18.0	0.0

S Nashau at Mill Street			Lancaster, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
SN0169	SN01	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SN0169	SN01	E. coli (col/100 ml)	ND	41	450	194	125	ND	ND
SN0169	SN01	D.O. (mg/L)	ND	9.5	11.0	7.9	9.2	ND	ND
SN0169	SN01	Temp (C)	ND	10	14	21	18.5	ND	ND
SN0169	SN01	D.O. (% sat)	ND	84.3	106.9	88.8	99.4	ND	ND
SN0169	SN01	pH	ND	6.97	7.03	6.77	6.80	ND	ND
SN0169	SN01	Alk (mg/L)	ND	12.0	12.0	20.0	35.0	ND	ND

Rt. 110, DS of Clinton WWTP			Clinton, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
SN0253	43500.060.45(2)	F.C. (col/100 ml)	44	224	176	TNTC	ND	1900	ND
SN0253	43500.060.45(2)	E. coli (col/100 ml)	ND	220	ND	ND	ND	360	ND
SN0253	43500.060.45(2)	D.O. (mg/L)	10.8	9.8	8.5	7.5	ND	8.3	ND
SN0253	43500.060.45(2)	Temp (C)	6.0	11.5	20.0	21.0	ND	19.0	ND
SN0253	43500.060.45(2)	D.O. (% sat)	87.0	91.0	94.0	84.0	ND	89.0	ND
SN0253	43500.060.45(2)	pH	6.4	7.1	6.9	7.1	ND	6.9	ND
SN0253	43500.060.45(2)	Alk (mg/L)	12.0	29.5	30.0	29.0	ND	21.5	ND

US of Water St bridge, behind condos			Clinton, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
SN0574	(3) Water St Bridge	F.C. (col/100 ml)	ND	20	136	160	ND	70	80
SN0574	(3) Water St Bridge	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	120
SN0574	(3) Water St Bridge	D.O. (mg/L)	ND	6.3	8.25	6.4	6.36	6.96	8.5
SN0574	(3) Water St Bridge	Temp (C)	ND	15	21	21	20	17	13
SN0574	(3) Water St Bridge	D.O. (% sat)	ND	63	93	72	70	72	81
SN0574	(3) Water St Bridge	pH	ND	5.9	6.87	6.7	6.4	6.07	6.5
SN0574	(3) Water St Bridge	Alk (mg/L)	ND	4.3	6.9	13.8	11.8	10.4	15
SN0574	(3) Water St Bridge	BOD	ND	ND	ND	ND	ND	ND	ND

Squannacook River and Tributaries

25 yds US from confluence, by kayak			Ayer/Shirley, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
SQ0002	SQ01-03	F.C. (col/100 ml)	ND	15	16	112	ND	105	ND
SQ0002	SQ01-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SQ0002	SQ01-03	D.O. (mg/L)	4.10	5.50	6.90	7.40	ND	5.20	ND
SQ0002	SQ01-03	Temp (C)	9.5	12	18.5	22	ND	18	ND
SQ0002	SQ01-03	D.O. (% sat)	35.9	51.1	73.8	84.9	ND	55	ND
SQ0002	SQ01-03	pH	5.78	6.80	6.49	6.06	ND	ND	ND
SQ0002	SQ01-03	Alk (mg/L)	4.7	6.2	18.3	15.7	ND	ND	ND

US from confluence, (access from RR?)			Ayer/Shirley, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/14	7/20	8/17	9/21	10/18
SQ0027	44950.000.1 (11.1)	F.C. (col/100 ml)	ND	ND	165	24	40	136	ND
SQ0027	44950.000.1 (11.1)	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SQ0027	44950.000.1 (11.1)	D.O. (mg/L)	ND	ND	7.5	2.5	3.4	5.2	ND
SQ0027	44950.000.1 (11.1)	Temp (C)	ND	ND	21.0	ND	20.0	15.0	ND
SQ0027	44950.000.1 (11.1)	D.O. (% sat)	ND	ND	84.0	ND	37.0	52.0	ND
SQ0027	44950.000.1 (11.1)	pH	ND	ND	6.5	6.8	6.4	6.3	ND
SQ0027	44950.000.1 (11.1)	Alk (mg/L)	ND	ND	ND	9.4	12.8	7.6	ND
SQ0027	44950.000.1 (11.1)	N (mg/L)	ND	ND	ND	ND	1.630	ND	ND
SQ0027	44950.000.1 (11.1)	P (mg/L)	ND	ND	ND	ND	0.019	ND	ND

Data by Site 1996-2005

DS of Rt. 225 biridge and W. Groton dam			Shirley, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
SQ0356	SQ02-03	F.C. (col/100 ml)	10	10	8	0	TNTC	20	20
SQ0356	SQ02-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	{60}
SQ0356	SQ02-03	D.O. (mg/L)	7.50	4.20	3.90	6.10	4.50	6.30	8.20
SQ0356	SQ02-03	Temp (C)	8.5	11	19	20	25	20	11
SQ0356	SQ02-03	D.O. (% sat)	64.2	38.1	42.1	67.3	54.6	69.5	74.5
SQ0356	SQ02-03	pH	5.86	6.33	ND	6.22	6.67	ND	ND
SQ0356	SQ02-03	Alk (mg/L)	4.1	5.7	ND	14.3	25.4	ND	ND

DS of Rt. 225 biridge and W. Groton dam			Shirley, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
SQ0356	SQ02	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SQ0356	SQ02	E. coli (col/100 ml)	20	16	70	ND	72	31	ND
SQ0356	SQ02	D.O. (mg/L)	10.4	8.7	8.5	ND	7.2	6.20	ND
SQ0356	SQ02	Temp (C)	8	14	15	ND	22	19	ND
SQ0356	SQ02	D.O. (% sat)	87.9	84.5	84.4	ND	82.6	67.0	ND
SQ0356	SQ02	pH	6.55	6.68	6.73	ND	6.86	6.87	ND
SQ0356	SQ02	Alk (mg/L)	6.7	6.3	9.8	ND	11.2	15.70	ND

Sawmill Pond by bridge off Townsend Rd			W. Groton, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/10	7/1	7/31	9/17	10/18
SQ0413	43950.004.1 (7.4)	F.C. (col/100 ml)	ND	ND	20	127	884	720	ND
SQ0413	43950.004.1 (7.4)	E. coli (col/100 ml)	ND	ND	0	ND	ND	100	ND
SQ0413	43950.004.1 (7.4)	D.O. (mg/L)	ND	ND	8.5	12.7	8.5	7.8	ND
SQ0413	43950.004.1 (7.4)	Temp (C)	ND	ND	19.0	22.0	20.0	16.0	ND
SQ0413	43950.004.1 (7.4)	D.O. (% sat)	ND	ND	92.0	100.0	94.0	79.0	ND
SQ0413	43950.004.1 (7.4)	pH	ND	ND	6.6	6.9	6.7	6.5	ND
SQ0413	43950.004.1 (7.4)	Alk (mg/L)	ND	ND	13.5	14.5	11.5	14.5	ND
SQ0413	43950.004.1 (7.4)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
SQ0413	43950.004.1 (7.4)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

Sawmill Pond off Townsend Rd near Canner's bldg			W. Groton, MA						
New Site ID	Old Site ID	Date (1997)	4/17	5/15	6/20	7/17	8/14	9/19	10/17
SQ0423	43950.004.13 (A-1)	F.C. (col/100 ml)	16	8	1556	630	1200	60	440
SQ0423	43950.004.13 (A-1)	E. coli (col/100 ml)	0	ND	320	ND	ND	ND	400
SQ0423	43950.004.13 (A-1)	D.O. (mg/L)	9.5	9.5	7	ND	3.5	5	4.5
SQ0423	43950.004.13 (A-1)	Temp (C)	8.0	13	21.5	24	22	19	10
SQ0423	43950.004.13 (A-1)	D.O. (% sat)	80.0	90	78	ND	40	54	39.9
SQ0423	43950.004.13 (A-1)	pH	6.6	6.85	ND	6.8	6.72	6.6	6.7
SQ0423	43950.004.13 (A-1)	Alk (mg/L)	10.0	12	18	20.5	22	20	15.5

Sawmill Pond off Townsend Rd near Canner's bldg			W. Groton, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
SQ0423	43950.004.13	F.C. (col/100 ml)	ND	ND	60	20	60	80	10
SQ0423	43950.004.13	E. coli (col/100 ml)	ND	ND	40	ND	10	ND	ND
SQ0423	43950.004.13	D.O. (mg/L)	ND	ND	9.875	5.5	5.5	5.25	13.5
SQ0423	43950.004.13	Temp (C)	ND	ND	17	23	22	17	11
SQ0423	43950.004.13	D.O. (% sat)	ND	ND	102	64	63	54	123
SQ0423	43950.004.13	pH	ND	ND	6.35	6.7	6.45	6.5	6.65
SQ0423	43950.004.13	Alk (mg/L)	ND	ND	7	17	18	18	15
SQ0423	43950.004.13	BOD	ND	ND	ND	ND	ND	ND	ND

Sawmill Pond off Townsend Rd near Canner's bldg			W. Groton, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
SQ0423	99501	F.C. (col/100 ml)	ND	10	95	20	115	565	5
SQ0423	99501	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SQ0423	99501	D.O. (mg/L)	ND	7.3	4.7	0.4	0.7	5.2	7.2
SQ0423	99501	Temp. (°C)	ND	17.5	20.0	26.0	24.0	17.0	11.0
SQ0423	99501	D.O. (% sat)	ND	77.3	51.8	4.9	8.3	53.9	65.4
SQ0423	99501	pH	ND	6.5	6.8	6.7	6.7	6.5	6.7
SQ0423	99501	Alk (mg/L)	ND	17.0	25.0	29.0	38.0	19.0	17.0

Data by Site 1996-2005

Sawmill Pond off Townsend Rd near Canner's bldg			W. Groton, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
SQ0423	SQ01	F. C. (col/100 ml)	ND	60	ND	60	ND	24	ND
SQ0423	SQ01	E. coli (col/100 ml)	60	ND	ND	ND	ND	ND	ND
SQ0423	SQ01	D.O. (mg/L)	9.8	7.3	7.3	6.8	ND	4.7	7.8
SQ0423	SQ01	Temp. (oC)	9.0	14.0	19.0	23.5	ND	19.0	12.0
SQ0423	SQ01	D.O. (% sat)	84.8	70.9	78.8	80.2	ND	50.8	70.8
SQ0423	SQ01	pH	6.5	6.6	6.6	6.7	ND	6.7	6.6
SQ0423	SQ01	Alk (mg/L)	9.7	15.9	14.9	22.6	ND	24.2	25.0

1/4mile up from Rt 225 bridge			W. Groton, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
SQ0458	99901	F.C. (col/100 ml)	ND	24	17	114	ND	930	30
SQ0458	99901	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SQ0458	99901	D.O. (mg/L)	5.4	8.5	3.3	3.3	ND	8.1	5.2
SQ0458	99901	Temp. (°C)	9.0	16.0	18.0	25.0	ND	17.0	9.0
SQ0458	99901	D.O. (% sat)	46.8	86.3	34.9	40.0	ND	83.9	45.0
SQ0458	99901	pH	6.0	6.7	6.7	6.7	ND	6.6	6.4
SQ0458	99901	Alk (mg/L)	5.9	17.3	16.3	18.2	ND	10.4	15.0

Sawmill Pond in front of Canner's house			W. Groton, MA						
New Site ID	Old Site ID	Date (1997)	4/17	5/15	6/20	7/17	8/14	9/19	10/17
SQ0472	43950.005.00	F.C. (col/100 ml)	28	272	88	TNTC	0	20	20
SQ0472	43950.005.00	E. coli (col/100 ml)	20	ND	120	ND	ND	ND	ND
SQ0472	43950.005.00	D.O. (mg/L)	10	9	7	4.75	5	7	6.5
SQ0472	43950.005.00	Temp (C)	8	12	20.5	22	21	19	10
SQ0472	43950.005.00	D.O. (% sat)	84	84	77	54	56	76	57.6
SQ0472	43950.005.00	pH	6.55	6.72	6.6	6.9	7.8	6.7	6.6
SQ0472	43950.005.00	Alk (mg/L)	7	8.5	13	14.5	22	21	17

US Hollingsworth and Vose off Townsend Rd. near water building.			Groton, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/10	7/1	7/31	9/17	10/18
SQ0642	43590.005.3 (7.1)	F.C. (col/100 ml)	ND	ND	120	7	54	480	ND
SQ0642	43590.005.3 (7.1)	E. coli (col/100 ml)	ND	ND	40	ND	ND	200	ND
SQ0642	43590.005.3 (7.1)	D.O. (mg/L)	ND	ND	8.5	ND	6.5	8.0	ND
SQ0642	43590.005.3 (7.1)	Temp (C)	ND	ND	18.0	21.0	19.0	14.0	ND
SQ0642	43590.005.3 (7.1)	D.O. (% sat)	ND	ND	90.0	ND	70.0	78.0	ND
SQ0642	43590.005.3 (7.1)	pH	ND	ND	6.5	6.6	6.6	6.8	ND
SQ0642	43590.005.3 (7.1)	Alk (mg/L)	ND	ND	10.0	10.3	13.0	13.5	ND
SQ0642	43590.005.3 (7.1)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
SQ0642	43590.005.3 (7.1)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

Downstream and opposite Candice Lane			Groton, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
SQ0743	SQ03-04	F.C. (col/100 ml)	ND	ND	<400	200	60	750	40
SQ0743	SQ03-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SQ0743	SQ03-04	D.O. (mg/L)	ND	10.2	6.4	6.1	5.8	ND	7.1
SQ0743	SQ03-04	Temp (C)	ND	15.0	20.0	20.0	22.0	18.0	11.0
SQ0743	SQ03-04	D.O. (% sat)	ND	101.3	ND	67.3	70.0	ND	55.4
SQ0743	SQ03-04	pH	ND	6.81	6.65	6.70	6.99	7.02	6.38
SQ0743	SQ03-04	Alk (mg/L)	ND	8.3	10.7	10.7	11.1	10.0	9.3

Directly opposite Candice Lane on Townsend Rd.			Groton, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
SQ0756	SQ03-03	F.C. (col/100 ml)	55	15	16	116	84	75	460
SQ0756	SQ03-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	180
SQ0756	SQ03-03	D.O. (mg/L)	9.70	8.20	6.50	5.20	3.20	5.60	7.00
SQ0756	SQ03-03	Temp (C)	8	11.5	18	21	23	18	10
SQ0756	SQ03-03	D.O. (% sat)	82	75.3	68.8	58.4	37.4	59.3	62.1
SQ0756	SQ03-03	pH	5.77	ND	5.99	ND	ND	6.45	ND
SQ0756	SQ03-03	Alk (mg/L)	3.5	ND	6.7	ND	ND	15.3	ND

Data by Site 1996-2005

Swimming hole just N of Candice Lane off Townsend Rd.			Groton, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/10	7/1	7/31	9/17	10/18
SQ0763	43950.007.0 (7.2)	F.C. (col/100 ml)	ND	ND	107	47	54	460	ND
SQ0763	43950.007.0 (7.2)	E. coli (col/100 ml)	ND	ND	ND	40	ND	400	ND
SQ0763	43950.007.0 (7.2)	D.O. (mg/L)	ND	ND	8.5	9.0	7.7	9.0	ND
SQ0763	43950.007.0 (7.2)	Temp (C)	ND	ND	18.0	20.0	18.0	14.0	ND
SQ0763	43950.007.0 (7.2)	D.O. (% sat)	ND	ND	90.0	99.0	81.0	87.0	ND
SQ0763	43950.007.0 (7.2)	pH	ND	ND	6.6	6.6	6.6	6.7	ND
SQ0763	43950.007.0 (7.2)	Alk (mg/L)	ND	ND	10.0	11.0	11.5	12.5	ND
SQ0763	43950.007.0 (7.2)	N (mg/L)	ND	ND	ND	ND	3.870	0.390	ND
SQ0763	43950.007.0 (7.2)	P (mg/L)	ND	ND	ND	ND	0.019	0.719	ND

Bertozi WMA off Townsend Rd cable crossing			W. Groton, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/10	7/1	7/31	9/17	10/18
SQ1039	43950.009.3 (7.3)	F.C. (col/100 ml)	ND	ND	295	27	27	1080	ND
SQ1039	43950.009.3 (7.3)	E. coli (col/100 ml)	ND	ND	ND	0	ND	100	ND
SQ1039	43950.009.3 (7.3)	D.O. (mg/L)	ND	ND	8.5	8.3	7.8	9.3	ND
SQ1039	43950.009.3 (7.3)	Temp (C)	ND	ND	17.0	20.0	18.0	14.5	ND
SQ1039	43950.009.3 (7.3)	D.O. (% sat)	ND	ND	88.0	91.0	82.0	90.0	ND
SQ1039	43950.009.3 (7.3)	pH	ND	ND	6.4	6.7	6.7	6.6	ND
SQ1039	43950.009.3 (7.3)	Alk (mg/L)	ND	ND	8.5	11.0	12.0	10.5	ND
SQ1039	43950.009.3 (7.3)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
SQ1039	43950.009.3 (7.3)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

DS of Shepard's Auto Body.			Townsend, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
SQ1329	SQ02	F. C. (col/100 ml)	360	40	100	75	ND	36	ND
SQ1329	SQ02	E. coli (col/100 ml)	ND	120	ND	ND	ND	ND	ND
SQ1329	SQ02	D.O. (mg/L)	9.8	9.0	7.7	7.6	ND	7.8	9.2
SQ1329	SQ02	Temp. (oC)	7.5	12.0	18.0	22.0	ND	17.0	10.5
SQ1329	SQ02	D.O. (% sat)	81.7	83.6	81.5	87.2	ND	80.8	79.1
SQ1329	SQ02	pH	6.3	6.4	6.5	6.8	ND	6.7	6.5
SQ1329	SQ02	Alk (mg/L)	6.1	8.1	7.5	10.9	ND	11.3	9.2

DS of Shepard's Auto Body.			Townsend, MA						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
SQ1329	SQ01	F. C. (col/100 ml)	ND	ND	85	15	ND	20	100
SQ1329	SQ01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SQ1329	SQ01	D.O. (mg/L)	ND	ND	6.8	8.9	ND	6.8	9.7
SQ1329	SQ01	Temp. (oC)	ND	ND	23	21	ND	20	10
SQ1329	SQ01	D.O. (% sat)	ND	ND	79.4	100.0	ND	74.9	86.1
SQ1329	SQ01	pH	ND	ND	6.8	6.9	ND	6.9	6.8
SQ1329	SQ01	Alk (mg/L)	ND	ND	6.5	8.7	ND	12.0	10.1

DS of Shepard's Auto Body.			Townsend, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
SQ1329	SQ01	F.C. (col/100 ml)	ND	0	260	20	35	0	5
SQ1329	SQ01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SQ1329	SQ01	D.O. (mg/L)	ND	8.5	8.5	6.2	6.5	7.0	9.1
SQ1329	SQ01	Temp. (°C)	ND	16	15	23	27	22	10
SQ1329	SQ01	D.O. (% sat)	ND	86.3	84.4	72.4	81.8	80.1	80.7
SQ1329	SQ01	pH	ND	6.4	6.5	6.9	7.03	6.9	6.3
SQ1329	SQ01	Alk (mg/L)	ND	3.5	6.4	10.8	15.4	11.8	7.9

DS of Shepard's Auto Body.			Townsend, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
SQ1329	SQ04-03	F.C. (col/100 ml)	0	0	0	ND	0	0	0
SQ1329	SQ04-03	E. coli (col/100 ml)	0	ND	ND	ND	ND	ND	ND
SQ1329	SQ04-03	D.O. (mg/L)	10.30	9.60	7.40	7.35	7.20	4.10	8.70
SQ1329	SQ04-03	Temp (C)	7	11	17.5	21	23	18	8
SQ1329	SQ04-03	D.O. (% sat)	85	87.2	77.5	82.6	84.1	43.4	73.5
SQ1329	SQ04-03	pH	ND	6.50	ND	ND	6.90	ND	ND
SQ1329	SQ04-03	Alk (mg/L)	ND	5.4	ND	ND	9.2	ND	ND

Data by Site 1996-2005

DS of Shepard's Auto Body.			Townsend, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
SQ1329	SQ04-04	F.C. (col/100 ml)	<20	ND	170	100	100	>200	20
SQ1329	SQ04-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SQ1329	SQ04-04	D.O. (mg/L)	10.4	7.7	7.6	6.6	7.9	7.0	8.9
SQ1329	SQ04-04	Temp (C)	8.0	17.0	20.0	20.0	22.0	17.5	12.0
SQ1329	SQ04-04	D.O. (% sat)	87.8	79.8	83.8	72.8	90.6	74.1	82.7
SQ1329	SQ04-04	pH	5.82	6.92	7.01	6.94	7.29	6.98	6.73
SQ1329	SQ04-04	Alk (mg/L)	2.5	7.0	8.9	9.7	9.4	9.8	8.7

DS of Shepard's Auto Body.			Townsend, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
SQ1329	SQ04	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SQ1329	SQ04	E. coli (col/100 ml)	0	14	148	40	12	18	TNTC
SQ1329	SQ04	D.O. (mg/L)	8.7	8.2	8.4	6.8	7.9	7.00	8.6
SQ1329	SQ04	Temp (C)	8	13	14	23.5	20	ND	13.5
SQ1329	SQ04	D.O. (% sat)	73.5	77.9	81.6	81.0	87.1	77.2	83.6
SQ1329	SQ04	pH	6.58	6.60	6.61	6.69	6.74	6.83	6.29
SQ1329	SQ04	Alk (mg/L)	4.6	5.8	7.0	8.8	8.0	11.80	3.8

Harbor Pond off Rt 119. Access between church and old building			Townsend, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/14	7/19	8/16	9/20	10/18
SQ1391	43950.012.43 (1.6)	F.C. (col/100 ml)	ND	ND	155	47	20	4880	ND
SQ1391	43950.012.43 (1.6)	E. coli (col/100 ml)	ND	ND	ND	ND	0	1000	100
SQ1391	43950.012.43 (1.6)	D.O. (mg/L)	ND	ND	8.5	7.8	8.5	11.5	ND
SQ1391	43950.012.43 (1.6)	Temp (C)	ND	ND	21.5	21.0	22.0	14.0	10.5
SQ1391	43950.012.43 (1.6)	D.O. (% sat)	ND	ND	95.0	87.0	97.0	100.0	ND
SQ1391	43950.012.43 (1.6)	pH	ND	ND	ND	6.8	6.9	6.8	6.6
SQ1391	43950.012.43 (1.6)	Alk (mg/L)	ND	ND	9.0	12.0	22.0	11.0	12.0
SQ1391	43950.012.43 (1.6)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
SQ1391	43950.012.43 (1.6)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

Harbor Pond off Rt 119. Access between church and old building			Townsend, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/15	6/20	7/18	8/15	9/19	10/17
SQ1391	43950.012.43	F.C. (col/100 ml)	104	ND	88	216	430	80	50
SQ1391	43950.012.43	E. coli (col/100 ml)	20	ND	ND	ND	ND	ND	ND
SQ1391	43950.012.43	D.O. (mg/L)	11.0	ND	8.3	5.5	7.0	6.8	8.0
SQ1391	43950.012.43	Temp (C)	7.0	ND	22.0	24.0	23.0	20.0	10.0
SQ1391	43950.012.43	D.O. (% sat)	91.0	ND	95.0	65.0	82.0	74.0	70.9
SQ1391	43950.012.43	pH	6.3	ND	6.7	6.4	6.7	6.4	6.5
SQ1391	43950.012.43	Alk (mg/L)	5.0	ND	9.0	43.0	17.0	14.0	16.5

Harbor Pond off Rt 119. Access between church and old building			Townsend, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
SQ1391	43950.012.43	F.C. (col/100 ml)	86	47	580	20	560	268	50
SQ1391	43950.012.43	E. coli (col/100 ml)	ND	0	100	ND	40	100	0
SQ1391	43950.012.43	D.O. (mg/L)	10.5	9.5	7	9	7.5	6.5	8.5
SQ1391	43950.012.43	Temp (C)	12	15	17	23.5	21	18	12
SQ1391	43950.012.43	D.O. (% sat)	98	90	73	106	84	69	79
SQ1391	43950.012.43	pH	6.62	6.3	6.1	6.8	6.45	6.7	6.4
SQ1391	43950.012.43	Alk (mg/L)	3	5	6	19	15	18	9
SQ1391	43950.012.43	BOD	ND	ND	ND	ND	ND	ND	ND

Harbor Pond off Rt 119. Access between church and old building			Townsend, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
SQ1391	99502	F.C. (col/100 ml)	ND	110	70	40	500	3295	5
SQ1391	99502	E. coli (col/100 ml)	ND	0	10	0	0	340	0
SQ1391	99502	D.O. (mg/L)	ND	7.0	5.6	6.5	5.0	6.3	7.7
SQ1391	99502	Temp. (°C)	ND	17.0	20.0	26.0	25.0	15.0	10.5
SQ1391	99502	D.O. (% sat)	ND	72.5	61.7	80.3	60.7	62.6	69.2
SQ1391	99502	pH	ND	6.3	6.7	6.7	6.6	6.0	6.5
SQ1391	99502	Alk (mg/L)	ND	9.0	10.0	19.0	18.0	6.0	9.0

Data by Site 1996-2005

Harbor Pond US of SQ1391 by 70m			Townsend, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/15	6/20	7/18	8/15	9/19	10/17
SQ1398	43950.012.50	F.C. (col/100 ml)	212	ND	204	200	60	0	20
SQ1398	43950.012.50	E. coli (col/100 ml)	40	ND	ND	ND	ND	ND	ND
SQ1398	43950.012.50	D.O. (mg/L)	10.0	ND	8.3	8.8	8.0	8.0	7.3
SQ1398	43950.012.50	Temp (C)	7.0	ND	22.0	25.0	22.0	20.0	10.0
SQ1398	43950.012.50	D.O. (% sat)	82.0	ND	95.0	1.2	92.0	88.0	64.7
SQ1398	43950.012.50	pH	6.3	ND	6.5	6.8	6.7	6.3	6.5
SQ1398	43950.012.50	Alk (mg/L)	6.0	ND	12.0	13.0	13.0	13.5	14.0

Off Rt. 13 near Rt 119 junction.			Townsend, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/14	7/19	8/16	9/20	10/18
SQ1816	43950.016.2 (1.7)	F.C. (col/100 ml)	ND	ND	215	67	194	820	29
SQ1816	43950.016.2 (1.7)	E. coli (col/100 ml)	ND	ND	ND	ND	40	ND	ND
SQ1816	43950.016.2 (1.7)	D.O. (mg/L)	ND	ND	6.5	7.0	7.0	3.5	ND
SQ1816	43950.016.2 (1.7)	Temp (C)	ND	ND	17.0	16.0	18.0	13.0	10.0
SQ1816	43950.016.2 (1.7)	D.O. (% sat)	ND	ND	67.0	71.0	74.0	33.0	ND
SQ1816	43950.016.2 (1.7)	pH	ND	ND	6.0	6.4	6.7	6.5	6.4
SQ1816	43950.016.2 (1.7)	Alk (mg/L)	ND	ND	7.0	10.0	7.0	10.0	10.0
SQ1816	43950.016.2 (1.7)	N (mg/L)	ND	ND	ND	0.330	ND	5.190	ND
SQ1816	43950.016.2 (1.7)	P (mg/L)	ND	ND	ND	0.019	ND	0.544	ND

Behind Farmer's Exchange ds of Adam's Dam off Rt 13			Townsend, MA						
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
SQ1887	SQ06-04	F.C. (col/100 ml)	ND	ND	ND	350	0	TNTC	520
SQ1887	SQ06-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SQ1887	SQ06-04	D.O. (mg/L)	ND	7.2	ND	7.2	6.1	7.4	7.7
SQ1887	SQ06-04	Temp (C)	ND	16.0	ND	ND	20.0	16.0	14.0
SQ1887	SQ06-04	D.O. (% sat)	ND	73.1	ND	ND	67.3	75.1	74.8
SQ1887	SQ06-04	pH	ND	6.80	ND	6.70	6.97	6.84	6.56
SQ1887	SQ06-04	Alk (mg/L)	ND	5.8	ND	9.4	9.6	9.1	8.1

Behind Farmer's Exchange ds of Adam's Dam off Rt 13			Townsend, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
SQ1887	SQ06	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SQ1887	SQ06	E. coli (col/100 ml)	0	6	144	148	72	127	ND
SQ1887	SQ06	D.O. (mg/L)	9.6	8.7	7.5	6.1	7.0	6.10	ND
SQ1887	SQ06	Temp (C)	7	12	15	20	18.5	17	ND
SQ1887	SQ06	D.O. (% sat)	79.2	80.9	74.5	67.3	75.6	63.2	ND
SQ1887	SQ06	pH	6.22	6.48	6.54	6.61	6.45	6.49	ND
SQ1887	SQ06	Alk (mg/L)	3.9	5.7	6.3	8.1	9.5	10.70	ND

Howard Park (near SQ Elem School).			Townsend, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/14	7/19	8/16	9/20	10/18
SQ1962	43950.017.4 (1.3)	F.C. (col/100 ml)	ND	ND	255	288	114	10040	87
SQ1962	43950.017.4 (1.3)	E. coli (col/100 ml)	ND	ND	ND	ND	0	ND	ND
SQ1962	43950.017.4 (1.3)	D.O. (mg/L)	ND	ND	8.0	7.5	7.8	4.5	ND
SQ1962	43950.017.4 (1.3)	Temp (C)	ND	ND	20.0	18.0	15.0	14.0	10.0
SQ1962	43950.017.4 (1.3)	D.O. (% sat)	ND	ND	88.0	79.0	77.0	44.0	ND
SQ1962	43950.017.4 (1.3)	pH	ND	ND	6.3	6.6	6.7	6.9	6.0
SQ1962	43950.017.4 (1.3)	Alk (mg/L)	ND	ND	15.0	11.0	7.0	8.0	10.0
SQ1962	43950.017.4 (1.3)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
SQ1962	43950.017.4 (1.3)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

Howard Park (near SQ Elem School)			Townsend, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
SQ1962	43950.017.43	F.C. (col/100 ml)	428	36	332	ND	250	ND	0
SQ1962	43950.017.43	E. coli (col/100 ml)	40	10	ND	ND	ND	ND	0
SQ1962	43950.017.43	D.O. (mg/L)	10.5	9.0	7.5	ND	8.5	ND	1.5
SQ1962	43950.017.43	Temp (C)	3.8	8.5	18.0	ND	16.5	ND	9.0
SQ1962	43950.017.43	D.O. (% sat)	80.0	78.0	79.0	ND	87.0	ND	12.9
SQ1962	43950.017.43	pH	6.2	6.4	6.4	ND	6.7	ND	6.3
SQ1962	43950.017.43	Alk (mg/L)	4.0	7.0	11.0	ND	12.0	ND	13.5

Data by Site 1996-2005

Off Dudley Rd from Dudley Memorial. Sandpit access			Townsend, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
SQ2172	SQ03	F. C. (col/100 ml)	240	20	25	130	ND	88	12
SQ2172	SQ03	E. coli (col/100 ml)	40	60	ND	ND	ND	ND	ND
SQ2172	SQ03	D.O. (mg/L)	10.0	9.5	7.0	6.3	ND	7.4	7.9
SQ2172	SQ03	Temp. (oC)	8.0	10.0	18.5	19.0	ND	15.0	10.0
SQ2172	SQ03	D.O. (% sat)	84.5	84.3	74.9	68.3	ND	73.5	70.1
SQ2172	SQ03	pH	6.2	6.4	6.4	6.4	ND	6.6	6.3
SQ2172	SQ03	Alk (mg/L)	5.8	7.7	7.4	10.5	ND	10.0	8.6

Off Dudley Rd from Dudley Memorial. Sandpit access			Townsend, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
SQ2172	SQ05-03	F.C. (col/100 ml)	ND	0	0	5	ND	0	ND
SQ2172	SQ05-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SQ2172	SQ05-03	D.O. (mg/L)	9.80	9.80	7.30	6.00	ND	6.15	ND
SQ2172	SQ05-03	Temp (C)	6	10	16	19	ND	15	ND
SQ2172	SQ05-03	D.O. (% sat)	78.8	87	74.1	64.8	ND	61.1	ND
SQ2172	SQ05-03	pH	ND	6.25	6.40	ND	ND	6.50	ND
SQ2172	SQ05-03	Alk (mg/L)	ND	4.4	6.3	ND	ND	9.6	ND

DS of Trnpke Bdge (Rossbach). ('96,'99,'02 US)			Townsend, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/14	7/19	8/16	9/20	10/18
SQ2221	43950.019.6 (1.2)	F.C. (col/100 ml)	ND	ND	ND	201	60	660	20
SQ2221	43950.019.6 (1.2)	E. coli (col/100 ml)	ND	ND	ND	180	0	0	ND
SQ2221	43950.019.6 (1.2)	D.O. (mg/L)	ND	ND	ND	8.5	7.8	6.5	ND
SQ2221	43950.019.6 (1.2)	Temp (C)	ND	ND	ND	20.0	18.0	15.0	10.0
SQ2221	43950.019.6 (1.2)	D.O. (% sat)	ND	ND	ND	94.0	82.0	64.0	ND
SQ2221	43950.019.6 (1.2)	pH	ND	ND	ND	6.7	6.6	6.6	6.4
SQ2221	43950.019.6 (1.2)	Alk (mg/L)	ND	ND	ND	10.0	13.0	8.0	11.0
SQ2221	43950.019.6 (1.2)	N (mg/L)	ND	ND	ND	1.370	ND	0.140	ND
SQ2221	43950.019.6 (1.2)	P (mg/L)	ND	ND	ND	0.019	ND	0.322	ND

DS of Trnpke Bdge (Rossbach). ('96,'99,'02 US)			Townsend, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
SQ2221	43950.025.43	F.C. (col/100 ml)	536	88	172	ND	90	ND	0
SQ2221	43950.025.43	E. coli (col/100 ml)	120	60	ND	ND	ND	ND	ND
SQ2221	43950.025.43	D.O. (mg/L)	ND	ND	ND	ND	ND	ND	ND
SQ2221	43950.025.43	Temp (C)	ND	ND	ND	ND	ND	ND	ND
SQ2221	43950.025.43	D.O. (% sat)	ND	ND	ND	ND	ND	ND	ND
SQ2221	43950.025.43	pH	ND	ND	ND	ND	ND	ND	ND
SQ2221	43950.025.43	Alk (mg/L)	ND	ND	ND	ND	ND	ND	ND

DS of Trnpke Bdge (Rossbach). ('96,'99,'02 US)			Townsend, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
SQ2221	43950.025.43	F.C. (col/100 ml)	13	54	280	140	310	134	60
SQ2221	43950.025.43	E. coli (col/100 ml)	ND	0	80	ND	0	ND	40
SQ2221	43950.025.43	D.O. (mg/L)	10.5	9	8.75	7.5	11.5	9	10.5
SQ2221	43950.025.43	Temp (C)	12	14	16	20	19	14	19
SQ2221	43950.025.43	D.O. (% sat)	98	90	89	83	124	87	114
SQ2221	43950.025.43	pH	6.42	6.3	6	6.6	6.4	6.5	6.4
SQ2221	43950.025.43	Alk (mg/L)	7	5	3	10	9	14	8
SQ2221	43950.025.43	BOD	ND	ND	ND	ND	ND	ND	ND

DS of Trnpke Bdge (Rossbach). ('96,'99,'02 US)			Townsend, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
SQ2221	99503	F.C. (col/100 ml)	ND	60	120	315	590	1245	75
SQ2221	99503	E. coli (col/100 ml)	ND	20	10	ND	40	285	20
SQ2221	99503	D.O. (mg/L)	ND	7.4	10.8	ND	6.2	7.8	9.0
SQ2221	99503	Temp. (°C)	ND	14.5	15.0	21.0	20.0	15.0	9.5
SQ2221	99503	D.O. (% sat)	ND	73.5	107.2	ND	68.4	77.5	79.4
SQ2221	99503	pH	ND	6.2	6.4	6.4	6.5	6.0	6.4
SQ2221	99503	Alk (mg/L)	ND	6.0	13.0	13.0	13.0	7.0	7.0

Data by Site 1996-2005

DS of Trnpke Bdge (Rossbach). (9'6,'99,'02 US)			Townsend, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
SQ2221	SQ02	F.C. (col/100 ml)	ND	ND	405	30	50	10	65
SQ2221	SQ02	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	40
SQ2221	SQ02	D.O. (mg/L)	ND	ND	8.2	6.7	5.5	5.7	4.1
SQ2221	SQ02	Temp. (°C)	ND	ND	14	18.5	21	17	8
SQ2221	SQ02	D.O. (% sat)	ND	ND	79.7	71.6	61.8	59.1	34.7
SQ2221	SQ02	pH	ND	ND	6.5	6.5	6.65	6.5	6.1
SQ2221	SQ02	Alk (mg/L)	ND	ND	6.0	8.6	14.1	11.5	6.8

At Mason Rd bridge DS of dam			W. Townsend, MA						
New Site ID	Old Site ID	Date (2005)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
SQ2400	SQ07	F.C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
SQ2400	SQ07	E. coli (col/100 ml)	0	8	144	124	64	19	ND
SQ2400	SQ07	D.O. (mg/L)	11.7	7.6	7.6	5.9	6.9	5.80	ND
SQ2400	SQ07	Temp (C)	6.5	12	15	21	19	17	ND
SQ2400	SQ07	D.O. (% sat)	96.5	70.6	75.5	58.6	74.5	60.1	ND
SQ2400	SQ07	pH	6.14	6.39	6.64	6.42	6.11	6.33	ND
SQ2400	SQ07	Alk (mg/L)	3.7	5.5	6.2	8.8	8.0	11.00	ND

Behind VFW pond park. Through woods.			Townsend, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
SQ2475	43950.027.43	F.C. (col/100 ml)	304	ND	96	436	1140	120	20
SQ2475	43950.027.43	E. coli (col/100 ml)	140	ND	ND	140	ND	ND	ND
SQ2475	43950.027.43	D.O. (mg/L)	12.0	ND	6.5	5.8	6.0	6.0	7.3
SQ2475	43950.027.43	Temp (C)	6.0	ND	19.0	21.0	18.0	16.0	9.0
SQ2475	43950.027.43	D.O. (% sat)	96.0	ND	70.0	65.0	64.0	61.0	63.2
SQ2475	43950.027.43	pH	6.3	ND	6.4	6.3	6.3	6.2	6.4
SQ2475	43950.027.43	Alk (mg/L)	4.0	ND	10.0	15.0	11.0	12.5	13.0

Behind VFW pond park. Through woods.			Townsend, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
SQ2475	43950.027.43	F.C. (col/100 ml)	40	47	140	160	510	NA	50
SQ2475	43950.027.43	E. coli (col/100 ml)	ND	ND	0	ND	100	ND	0
SQ2475	43950.027.43	D.O. (mg/L)	9	8	7.5	7.25	5	7.5	10
SQ2475	43950.027.43	Temp (C)	11	14	16	20	19	14	20
SQ2475	43950.027.43	D.O. (% sat)	81	80	76	80	54	73	110
SQ2475	43950.027.43	pH	6.25	6.2	6.1	6.5	6.37	6.4	6.3
SQ2475	43950.027.43	Alk (mg/L)	7.5	6	4	11	12	14	9
SQ2475	43950.027.43	BOD	ND	ND	ND	ND	ND	ND	ND

Behind VFW pond park. Through woods.			Townsend, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
SQ2475	99504	F.C. (col/100 ml)	ND	30	135	130	425	1290	20
SQ2475	99504	E. coli (col/100 ml)	ND	0	10	0	40	1-20	20
SQ2475	99504	D.O. (mg/L)	ND	7.4	8.3	5.1	5.5	5.9	7.8
SQ2475	99504	Temp. (°C)	ND	13.5	15.0	21.0	20.0	15.0	9.0
SQ2475	99504	D.O. (% sat)	ND	71.9	82.4	57.3	60.6	58.6	67.5
SQ2475	99504	pH	ND	6.0	6.5	6.4	6.4	6.0	6.3
SQ2475	99504	Alk (mg/L)	ND	7.0	14.0	14.0	13.0	5.0	8.0

Behind VFW pond park. Through woods.			Townsend, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
SQ2475	SQ04	F.C. (col/100 ml)	ND	170	500	0	60	10	ND
SQ2475	SQ04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	0	0
SQ2475	SQ04	D.O. (mg/L)	ND	6.1	ND	4.0	4.8	4.8	7.3
SQ2475	SQ04	Temp. (°C)	ND	13.5	17	22	25	20	11
SQ2475	SQ04	D.O. (% sat)	ND	58.6	ND	45.9	58.3	52.9	66.3
SQ2475	SQ04	pH	ND	6.1	6.4	6.35	6.74	6.35	ND
SQ2475	SQ04	Alk (mg/L)	ND	3.1	5.1	11.1	14.3	11.6	ND

Squannacook River Tributaries

Bixby Brook. At Meeting House Rc			Townsend, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/14	7/19	8/16	9/20	10/18
BB0093	43950.013.4 (1.5)	F.C. (col/100 ml)	ND	ND	500	388	127	13080	40
BB0093	43950.013.4 (1.5)	E. coli (col/100 ml)	ND	ND	0	ND	0	ND	40
BB0093	43950.013.4 (1.5)	D.O. (mg/L)	ND	ND	8.5	7.3	8.3	10.0	ND
BB0093	43950.013.4 (1.5)	Temp (C)	ND	ND	19.5	19.5	18.0	14.0	10.0
BB0093	43950.013.4 (1.5)	D.O. (% sat)	ND	ND	92.0	78.0	87.0	97.0	ND
BB0093	43950.013.4 (1.5)	pH	ND	ND	6.3	6.6	6.6	6.6	6.3
BB0093	43950.013.4 (1.5)	Alk (mg/L)	ND	ND	9.0	13.0	8.0	9.0	10.5
BB0093	43950.013.4 (1.5)	N (mg/L)	ND	ND	ND	ND	ND	ND	ND
BB0093	43950.013.4 (1.5)	P (mg/L)	ND	ND	ND	ND	ND	ND	ND

Bixby Brook. At Meeting House Rc			Townsend, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
BB0093	SQ03	F.C. (col/100 ml)	ND	ND	3770	100	240	0	0
BB0093	SQ03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	0
BB0093	SQ03	D.O. (mg/L)	ND	ND	3.8	2.0	1.7	ND	8.4
BB0093	SQ03	Temp. (°C)	ND	ND	15	20	21	19	8
BB0093	SQ03	D.O. (% sat)	ND	ND	37.7	22.1	19.1	ND	71.0
BB0093	SQ03	pH	ND	ND	5.9	6.3	6.08	6.2	5.7
BB0093	SQ03	Alk (mg/L)	ND	ND	4.5	9.2	9.2	7.3	5.9

Hawthorne Brook, 30m US from confluence with SQ (canoe)			Townsend, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
HB0003	HB.000.03	F.C. (col/100 ml)	8	28	252	ND	70	ND	0
HB0003	HB.000.03	E. coli (col/100 ml)	0	ND	ND	ND	ND	ND	ND
HB0003	HB.000.03	D.O. (mg/L)	9.5	8.8	6.8	ND	5.5	ND	7.0
HB0003	HB.000.03	Temp (C)	3.5	6.3	17.0	ND	15.5	ND	7.0
HB0003	HB.000.03	D.O. (% sat)	72.0	71.0	70.0	ND	55.0	ND	57.3
HB0003	HB.000.03	pH	5.4	6.1	6.3	ND	6.6	ND	6.4
HB0003	HB.000.03	Alk (mg/L)	5.0	5.0	10.0	ND	21.0	ND	15.0

About 1/2km from mouth of Locke Brook			Townsend, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/14	7/19	8/16	9/20	10/18
LK0060	44225.000.6 (3.2)	F.C. (col/100 ml)	ND	ND	ND	20	ND	ND	ND
LK0060	44225.000.6 (3.2)	E. coli (col/100 ml)	ND	ND	380	ND	ND	ND	ND
LK0060	44225.000.6 (3.2)	D.O. (mg/L)	ND	ND	7.5	9.5	ND	ND	ND
LK0060	44225.000.6 (3.2)	Temp (C)	ND	ND	20.0	ND	ND	ND	ND
LK0060	44225.000.6 (3.2)	D.O. (% sat)	ND	ND	83.0	ND	ND	ND	ND
LK0060	44225.000.6 (3.2)	pH	ND	ND	6.4	6.6	ND	ND	ND
LK0060	44225.000.6 (3.2)	Alk (mg/L)	ND	ND	5.0	9.0	ND	ND	ND
LK0060	44225.000.6 (3.2)	N (mg/L)	ND	ND	ND	1.550	ND	ND	ND
LK0060	44225.000.6 (3.2)	P (mg/L)	ND	ND	ND	0.019	ND	ND	ND

Mason Brook. 15m DS Turnpike Rd Bridge			Townsend, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/14	7/19	8/16	9/20	10/17
MB0074	44125.000.6 (12.2)	F.C. (col/100 ml)	ND	ND	220	54	40	180	10
MB0074	44125.000.6 (12.2)	E. coli (col/100 ml)	ND	ND	ND	0	0	ND	ND
MB0074	44125.000.6 (12.2)	D.O. (mg/L)	ND	ND	10.5	7.0	6.0	1.5	1.3
MB0074	44125.000.6 (12.2)	Temp (C)	ND	ND	19.0	15.0	18.0	14.0	9.0
MB0074	44125.000.6 (12.2)	D.O. (% sat)	ND	ND	100.0	69.0	63.0	14.0	11.0
MB0074	44125.000.6 (12.2)	pH	ND	ND	6.3	6.7	6.7	6.6	6.2
MB0074	44125.000.6 (12.2)	Alk (mg/L)	ND	ND	5.0	8.0	12.0	6.0	4.0
MB0074	44125.000.6 (12.2)	N (mg/L)	ND	ND	ND	1.280	ND	0.060	ND
MB0074	44125.000.6 (12.2)	P (mg/L)	ND	ND	ND	0.019	ND	0.470	ND

Mason Brook. 100 ft DS of Jed's Lane bridge			Mason, NH						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
MB0401	MB02	F. C. (col/100 ml)	ND	ND	ND	ND	ND	28	ND
MB0401	MB02	E. coli (col/100 ml)	ND	40	160	ND	ND	ND	ND
MB0401	MB02	D.O. (mg/L)	ND	13.5	7.1	ND	1.7	6.3	ND
MB0401	MB02	Temp. (oC)	ND	10.0	18.0	ND	16.0	14.0	10.0
MB0401	MB02	D.O. (% sat)	ND	ND	75.1	ND	17.3	61.2	ND
MB0401	MB02	pH	ND	5.9	6.0	ND	6.1	6.1	5.9
MB0401	MB02	Alk (mg/L)	ND	4.9	4.7	ND	4.4	5.4	4.8

Data by Site 1996-2005

Mason Brook. 100 ft DS of Jed's Lane bridge			Mason, NH						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
MB0401	MB02	F. C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
MB0401	MB02	E. coli (col/100 ml)	ND	20	ND	ND	ND	ND	ND
MB0401	MB02	D.O. (mg/L)	ND	7.1	6.4	ND	7.4	5.6	ND
MB0401	MB02	Temp. (oC)	6	10	19.5	ND	18	10	ND
MB0401	MB02	D.O. (% sat)	ND	63.0	69.8	ND	78.3	49.7	ND
MB0401	MB02	pH	5.8	6.2	6.3	ND	6.7	6.4	ND
MB0401	MB02	Alk (mg/L)	0.2	8.4	3.7	ND	8.6	6.3	ND

Mason Brook. 0.1 mile US of Jed's Lane bridge off Rt. 123			Mason, NH						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
MB0420	991102	F.C. (col/100 ml)	ND	ND	85	ND	3190	ND	65
MB0420	991102	E. coli (col/100 ml)	ND	ND	20	ND	80	ND	0
MB0420	991102	D.O. (mg/L)	ND	ND	7.4	ND	6.8	8.1	8.6
MB0420	991102	Temp. (°C)	ND	ND	12.5	ND	19.0	12.5	5.5
MB0420	991102	D.O. (% sat)	ND	ND	70.4	ND	72.0	76.0	68.4
MB0420	991102	pH	ND	ND	6.6	ND	6.3	5.5	6.0
MB0420	991102	Alk (mg/L)	ND	ND	9.0	ND	6.0	4.0	5.0

Mason Brook. 0.1 mile US of Jed's Lane bridge off Rt. 123			Mason, NH						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
MB0420	MB01	F. C. (col/100 ml)	760	20	ND	ND	ND	36	ND
MB0420	MB01	E. coli (col/100 ml)	ND	ND	60	ND	100	40	20
MB0420	MB01	D.O. (mg/L)	8.9	ND	6.4	ND	1.6	6.4	ND
MB0420	MB01	Temp. (oC)	8.0	10.0	18.0	ND	16.5	14.0	12.0
MB0420	MB01	D.O. (% sat)	75.2	119.7	67.7	ND	16.4	62.2	ND
MB0420	MB01	pH	5.7	5.9	6.0	ND	6.0	6.1	6.1
MB0420	MB01	Alk (mg/L)	4.2	4.1	3.7	ND	5.1	5.4	5.2

Mason Brook. 0.1 mile US of Jed's Lane bridge off Rt. 123			Mason, NH						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
MB0420	MB01	F. C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
MB0420	MB01	E. coli (col/100 ml)	ND	20	ND	ND	ND	20	ND
MB0420	MB01	D.O. (mg/L)	ND	7.2	5.1	ND	5.6	5.8	ND
MB0420	MB01	Temp. (oC)	6	10.5	19.5	ND	18	9.5	ND
MB0420	MB01	D.O. (% sat)	ND	64.6	55.7	ND	59.3	50.8	ND
MB0420	MB01	pH	5.8	6.0	6.1	ND	6.5	6.7	ND
MB0420	MB01	Alk (mg/L)	0.5	9.0	3.8	ND	9.5	8.4	ND

Pearl Hill Brook at Rt. 119 crossing			W. Townsend, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/14	7/19	8/18	9/20	10/18
PH0041	44200.001.0 (3.3)	F.C. (col/100 ml)	ND	ND	15	27	ND	20	20
PH0041	44200.001.0 (3.3)	E. coli (col/100 ml)	ND	ND	40	20	ND	ND	ND
PH0041	44200.001.0 (3.3)	D.O. (mg/L)	ND	ND	8.0	9.5	9.5	12.0	ND
PH0041	44200.001.0 (3.3)	Temp (C)	ND	ND	20.0	ND	18.0	15.0	10.0
PH0041	44200.001.0 (3.3)	D.O. (% sat)	ND	ND	88.0	ND	100.0	100.0	ND
PH0041	44200.001.0 (3.3)	pH	ND	ND	6.1	6.7	6.8	6.7	6.4
PH0041	44200.001.0 (3.3)	Alk (mg/L)	ND	ND	4.0	7.0	8.5	6.0	7.0
PH0041	44200.001.0 (3.3)	N (mg/L)	ND	ND	ND	1.290	ND	0.050	ND
PH0041	44200.001.0 (3.3)	P (mg/L)	ND	ND	ND	0.019	ND	0.440	ND

Trap Falls. Upstream side of Rt 119 bridge at Wheeler Rd (near Brookside Farm).			Ashby, MA						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
TF0004	WD02	F. C. (col/100 ml)	120	ND	ND	ND	ND	24	ND
TF0004	WD02	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
TF0004	WD02	D.O. (mg/L)	10.2	10.5	8.4	8.5	ND	9.7	10.1
TF0004	WD02	Temp. (oC)	7.0	10.0	19.0	18.0	ND	13.5	10.0
TF0004	WD02	D.O. (% sat)	84.2	93.2	90.7	89.9	ND	93.2	89.6
TF0004	WD02	pH	6.4	6.7	6.7	6.9	ND	6.7	6.7
TF0004	WD02	Alk (mg/L)	5.3	8.2	6.8	10.4	ND	8.8	8.1

Data by Site 1996-2005

Trap Falls. Upstream side of Rt 119 bridge at Wheeler Rd (near Brookside Farm).			Ashby, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
TF0004	WB02-03	F.C. (col/100 ml)	0	0	0	0	0	37	0
TF0004	WB02-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
TF0004	WB02-03	D.O. (mg/L)	11.00	10.60	7.90	8.50	7.60	8.10	9.10
TF0004	WB02-03	Temp (C)	7	10	16	19	21.5	17.5	8.5
TF0004	WB02-03	D.O. (% sat)	90.8	94.1	80.2	91.8	86.3	84.8	77.8
TF0004	WB02-03	pH	6.40	ND	6.78	ND	7.02	ND	ND
TF0004	WB02-03	Alk (mg/L)	2.4	ND	6.1	ND	7.8	ND	ND

Brook from Townsend landfill at culvert under Rt 123			Townsend, MA						
New Site ID	Old Site ID	Date (2002)	4/20	5/18	6/15	7/20	8/17	9/21	10/19
TL0056	LFB01	F.C. (col/100 ml)	ND	180	910	0	ND	ND	ND
TL0056	LFB01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	0
TL0056	LFB01	D.O. (mg/L)	ND	4.4	ND	3.2	ND	ND	4.8
TL0056	LFB01	Temp. (°C)	ND	13	16	20	ND	ND	11
TL0056	LFB01	D.O. (% sat)	ND	41.8	ND	34.9	ND	ND	43.5
TL0056	LFB01	pH	ND	6.0	6.7	6.6	ND	ND	6.2
TL0056	LFB01	Alk (mg/L)	ND	3.2	12.9	33.1	ND	ND	25.8

Willard Brook. W. Meadow Rd. (DS '96-98; US 2000; ? '03-04)			W. Townsend, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/14	7/19	8/18	9/20	10/18
WB0084	44175.001.0 (3.1)	F.C. (col/100 ml)	ND	ND	15	489	389	740	174
WB0084	44175.001.0 (3.1)	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
WB0084	44175.001.0 (3.1)	D.O. (mg/L)	ND	ND	9.5	8.5	10.3	11.0	ND
WB0084	44175.001.0 (3.1)	Temp (C)	ND	ND	20.0	ND	18.0	15.0	10.0
WB0084	44175.001.0 (3.1)	D.O. (% sat)	ND	ND	100.0	ND	100.0	100.0	ND
WB0084	44175.001.0 (3.1)	pH	ND	ND	6.4	7.1	7.0	6.9	6.8
WB0084	44175.001.0 (3.1)	Alk (mg/L)	ND	ND	7.0	9.0	10.5	9.0	10.0
WB0084	44175.001.0 (3.1)	N (mg/L)	ND	ND	ND	1.130	ND	0.060	ND
WB0084	44175.001.0 (3.1)	P (mg/L)	ND	ND	ND	0.019	ND	0.255	ND

Willard Brook. W. Meadow Rd. (DS '96-98; US 2000; ? '03-04)			W. Townsend, MA						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
WB0084	44175.001.00	F.C. (col/100 ml)	280	220	ND	768	1120	520	220
WB0084	44175.001.00	E. coli (col/100 ml)	60	ND	ND	600	ND	120	ND
WB0084	44175.001.00	D.O. (mg/L)	11.0	10.5	ND	8.5	8.5	8.8	11.5
WB0084	44175.001.00	Temp (C)	5.0	9.0	ND	20.0	21.5	17.0	8.0
WB0084	44175.001.00	D.O. (% sat)	86.0	91.0	ND	94.0	95.0	91.0	97.2
WB0084	44175.001.00	pH	6.4	6.7	ND	ND	6.8	6.8	6.6
WB0084	44175.001.00	Alk (mg/L)	4.0	5.5	ND	ND	10.0	11.0	12.0

Willard Brook. W. Meadow Rd. (DS '96-98; US 2000; ? '03-04)			W. Townsend, MA						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
WB0084	44175.001.00	F.C. (col/100 ml)	7	214	140	ND	4490	ND	90
WB0084	44175.001.00	E. coli (col/100 ml)	0	100	40	ND	120	ND	20
WB0084	44175.001.00	D.O. (mg/L)	11	11.5	7.5	ND	15	ND	11.75
WB0084	44175.001.00	Temp (C)	10	14	18	ND	18	ND	8
WB0084	44175.001.00	D.O. (% sat)	98	110	79	ND	159	ND	99
WB0084	44175.001.00	pH	6.8	6.6	6.7	ND	6.8	ND	6.65
WB0084	44175.001.00	Alk (mg/L)	6	5	6	ND	10	ND	7
WB0084	44175.001.00	BOD	ND	ND	ND	ND	ND	ND	ND

Willard Brook. W. Meadow Rd. (DS '96-98; US 2000; ? '03-04)			W. Townsend, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
WB0084	991202	F.C. (col/100 ml)	ND	200	930	ND	1040	310	80
WB0084	991202	E. coli (col/100 ml)	ND	30	140	ND	80	ND	0
WB0084	991202	D.O. (mg/L)	8.1	9.4	8.3	ND	7.3	9.1	8.7
WB0084	991202	Temp. (°C)	ND	10.0	13.0	ND	14.0	14.0	9.0
WB0084	991202	D.O. (% sat)	ND	83.4	78.9	ND	70.9	88.4	75.3
WB0084	991202	pH	6.4	6.4	6.8	ND	6.9	6.5	6.7
WB0084	991202	Alk (mg/L)	5.0	7.0	11.0	ND	11.0	5.0	7.0

Data by Site 1996-2005

Willard Brook. W. Meadow Rd. (DS '96-98; US 2000; ? '03-04)				W. Townsend, MA					
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
WB0084	WD01	F. C. (col/100 ml)	ND	20	135	105	ND	72	104
WB0084	WD01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	30
WB0084	WD01	D.O. (mg/L)	10.0	6.8	8.1	7.8	ND	9.2	9.7
WB0084	WD01	Temp. (oC)	7.0	10.0	19.0	18.5	ND	13.5	10.0
WB0084	WD01	D.O. (% sat)	82.5	60.3	87.5	83.7	ND	88.4	86.1
WB0084	WD01	pH	6.4	6.7	6.6	7.0	ND	6.8	6.8
WB0084	WD01	Alk (mg/L)	5.4	7.5	6.1	10.3	ND	8.8	8.3

Willard Brook. W. Meadow Rd. (DS '96-98; US 2000; ? '03-04)				W. Townsend, MA					
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
WB0084	WB01-03	F.C. (col/100 ml)	ND	5	5	10	ND	100	ND
WB0084	WB01-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
WB0084	WB01-03	D.O. (mg/L)	11.00	10.20	8.20	8.20	ND	6.95	ND
WB0084	WB01-03	Temp (C)	5	9	15	18	ND	11.5	ND
WB0084	WB01-03	D.O. (% sat)	86.3	88.3	81.4	86.8	ND	63.8	ND
WB0084	WB01-03	pH	6.50	6.60	6.76	7.00	ND	ND	ND
WB0084	WB01-03	Alk (mg/L)	3.1	4.2	6.8	7.7	ND	ND	ND

Willard Brook. W. Meadow Rd. (DS '96-98; US 2000; ? '03-04)				W. Townsend, MA					
New Site ID	Old Site ID	Date (2004)	4/17	5/22	6/19	7/17	8/21	9/18	10/16
WB0084	WB01-04	F.C. (col/100 ml)	ND	ND	ND	150	230	280	450
WB0084	WB01-04	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
WB0084	WB01-04	D.O. (mg/L)	ND	9.6	ND	7.9	8.5	7.8	9.4
WB0084	WB01-04	Temp (C)	ND	15.0	ND	18.5	21.0	16.0	13.0
WB0084	WB01-04	D.O. (% sat)	ND	94.1	ND	85.3	95.5	79.2	89.4
WB0084	WB01-04	pH	ND	7.06	ND	6.96	7.28	7.04	6.89
WB0084	WB01-04	Alk (mg/L)	ND	5.6	ND	7.0	5.9	4.3	5.8

Willard Brook. DS of Damon Pond			Ashby, MA						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
WB0448	991201	F.C. (col/100 ml)	ND	20	0	ND	115	55	5
WB0448	991201	E. coli (col/100 ml)	ND	0	0	ND	0	ND	5
WB0448	991201	D.O. (mg/L)	9.1	8.9	2.9	ND	6.9	7.9	ND
WB0448	991201	Temp. (°C)	ND	9.5	14.0	ND	14.0	15.0	8.0
WB0448	991201	D.O. (% sat)	ND	79.0	28.2	ND	67.1	78.5	ND
WB0448	991201	pH	6.4	6.4	6.9	ND	6.9	6.5	6.6
WB0448	991201	Alk (mg/L)	6.0	7.0	10.0	ND	11.5	5.0	8.0

Willard Brook. At Rt 119 and 31 on DS side of Rt 31			Ashby, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
WB0506	WB03-03	F.C. (col/100 ml)	0	0	0	0	0	10	0
WB0506	WB03-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
WB0506	WB03-03	D.O. (mg/L)	10.80	9.80	7.60	8.10	7.70	6.50	9.10
WB0506	WB03-03	Temp (C)	7	10.5	14	15.5	21.5	18	8.5
WB0506	WB03-03	D.O. (% sat)	89.1	88	73.9	79	87.4	68.8	77.8
WB0506	WB03-03	pH	6.75	6.55	ND	6.85	7.09	6.80	ND
WB0506	WB03-03	Alk (mg/L)	11.5	3.3	ND	8.1	18.2	6.6	ND

Walker Brook. 275m NW of road to WWTP.			Townsend, MA						
New Site ID	Old Site ID	Date (1996)	4/19	5/17	6/14	7/19	8/16	9/20	10/17
WK0142	44150.001.6 (12.1)	F.C. (col/100 ml)	ND	ND	120	87	27	980	10
WK0142	44150.001.6 (12.1)	E. coli (col/100 ml)	ND	ND	0	ND	ND	100	ND
WK0142	44150.001.6 (12.1)	D.O. (mg/L)	ND	ND	7.0	5.3	6.0	6.5	1.0
WK0142	44150.001.6 (12.1)	Temp (C)	ND	ND	18.0	18.0	20.0	16.0	9.0
WK0142	44150.001.6 (12.1)	D.O. (% sat)	ND	ND	74.0	55.0	66.0	66.0	9.0
WK0142	44150.001.6 (12.1)	pH	ND	ND	6.2	6.6	6.8	6.3	6.4
WK0142	44150.001.6 (12.1)	Alk (mg/L)	ND	ND	7.0	10.0	26.0	8.0	8.0
WK0142	44150.001.6 (12.1)	N (mg/L)	ND	ND	ND	1.810	ND	0.180	ND
WK0142	44150.001.6 (12.1)	P (mg/L)	ND	ND	ND	0.019	ND	0.326	ND

Data by Site 1996-2005

South end of Old Walker Brook Rd (dirt), near 12 ⁴			Mason, NH						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
WK0360	44150.003.25 (.2)	F.C. (col/100 ml)	ND	4	32	148	1380	60	0
WK0360	44150.003.25 (.2)	E. coli (col/100 ml)	ND	0	ND	ND	ND	ND	ND
WK0360	44150.003.25 (.2)	D.O. (mg/L)	ND	ND	9.3	9.3	8.5	9.5	8.3
WK0360	44150.003.25 (.2)	Temp (C)	ND	7	17.0	ND	17.0	14.0	5.0
WK0360	44150.003.25 (.2)	D.O. (% sat)	ND	ND	96.0	ND	88.0	92.0	65.0
WK0360	44150.003.25 (.2)	pH	ND	ND	6.7	ND	6.6	6.9	6.6
WK0360	44150.003.25 (.2)	Alk (mg/L)	ND	ND	8.0	ND	8.5	9.5	9.5

South end of Old Walker Brook Rd (dirt), near 12 ⁴			Mason, NH						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
WK0360	44150.003.25	F.C. (col/100 ml)	ND	0	80	ND	ND	0	70
WK0360	44150.003.25	E. coli (col/100 ml)	ND	ND	ND	ND	ND	0	ND
WK0360	44150.003.25	D.O. (mg/L)	11.5	10	9.5	ND	ND	10.5	7
WK0360	44150.003.25	Temp (C)	8.5	14	17	ND	ND	14.5	8
WK0360	44150.003.25	D.O. (% sat)	99	100	98	ND	ND	103	59
WK0360	44150.003.25	pH	6.6	6.5	6.5	ND	ND	6.8	6.5
WK0360	44150.003.25	Alk (mg/L)	5	4.5	5	ND	ND	9	7
WK0360	44150.003.25	BOD	ND	ND	ND	ND	ND	ND	ND

South end of Old Walker Brook Rd (dirt), near 12 ⁴			Mason, NH						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
WK0360	991101	F.C. (col/100 ml)	ND	ND	5	ND	ND	380	5
WK0360	991101	E. coli (col/100 ml)	ND	ND	0	ND	ND	ND	5
WK0360	991101	D.O. (mg/L)	ND	ND	7.1	ND	4.5	9.1	9.4
WK0360	991101	Temp. (°C)	ND	ND	10.0	ND	18.5	13.0	6.0
WK0360	991101	D.O. (% sat)	ND	ND	63.0	ND	47.6	86.5	75.6
WK0360	991101	pH	ND	ND	6.7	ND	6.8	6.0	6.5
WK0360	991101	Alk (mg/L)	ND	ND	8.0	ND	10.0	4.0	7.0

South end of Old Walker Brook Rd (dirt), near 12 ⁴			Mason, NH						
New Site ID	Old Site ID	Date (2000)	4/15	5/20	6/17	7/15	8/19	9/16	10/14
WK0360	WB01	F. C. (col/100 ml)	860	40	ND	ND	ND	552	8
WK0360	WB01	E. coli (col/100 ml)	ND	60	ND	ND	ND	240	10
WK0360	WB01	D.O. (mg/L)	11.9	11.0	8.1	ND	2.2	9.0	ND
WK0360	WB01	Temp. (°C)	7.0	9.0	19.0	ND	15.0	13.0	11.0
WK0360	WB01	D.O. (% sat)	98.2	95.2	87.4	ND	20.6	85.6	ND
WK0360	WB01	pH	6.2	6.5	6.7	ND	6.8	6.8	6.6
WK0360	WB01	Alk (mg/L)	4.8	6.5	6.2	ND	7.9	7.0	7.2

South end of Old Walker Brook Rd (dirt), near 12 ⁴			Mason, NH						
New Site ID	Old Site ID	Date (2001)	4/21	5/19	6/16	7/21	8/18	9/15	10/20
WK0360	WB01	F. C. (col/100 ml)	ND	ND	ND	ND	ND	ND	ND
WK0360	WB01	E. coli (col/100 ml)	ND	120	20	ND	ND	ND	ND
WK0360	WB01	D.O. (mg/L)	ND	9.2	8.0	ND	8.5	7.7	ND
WK0360	WB01	Temp. (°C)	5	9	17.5	ND	17	8	ND
WK0360	WB01	D.O. (% sat)	ND	7.2	83.8	ND	88.0	65.1	ND
WK0360	WB01	pH	6.5	6.7	6.7	ND	6.8	6.8	ND
WK0360	WB01	Alk (mg/L)	3.2	10.6	3.9	ND	7.7	9.9	ND

Walker Brook. DS of confluence of W branch and main branch, E of Rt 31			Mason, NH						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
WK0545	44150.004.01	F.C. (col/100 ml)	ND	67	80	ND	ND	0	90
WK0545	44150.004.01	E. coli (col/100 ml)	ND	ND	ND	ND	ND	0	40
WK0545	44150.004.01	D.O. (mg/L)	13	10.5	9.25	ND	ND	9.5	10.5
WK0545	44150.004.01	Temp (C)	8	15	17.5	ND	ND	14.5	7
WK0545	44150.004.01	D.O. (% sat)	110	100	97	ND	ND	93	87
WK0545	44150.004.01	pH	6.6	6.4	6.4	ND	ND	6.4	6.4
WK0545	44150.004.01	Alk (mg/L)	5	5	6	ND	ND	6	5
WK0545	44150.004.01	BOD	ND	ND	ND	ND	ND	ND	ND

Data by Site 1996-2005

Below Walker Brook Rd, west branch, W of Rt 31			Mason, NH						
New Site ID	Old Site ID	Date (1997)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
WK0554	44150.005.50	F.C. (col/100 ml)	ND	4	32	208	360	0	40
WK0554	44150.005.50	E. coli (col/100 ml)	ND	0	ND	ND	ND	ND	ND
WK0554	44150.005.50	D.O. (mg/L)	ND	11.25	9	8.75	8	9	6.3
WK0554	44150.005.50	Temp (C)	ND	7	17	ND	18	15	5
WK0554	44150.005.50	D.O. (% sat)	ND	93	93	ND	85	89	49.4
WK0554	44150.005.50	pH	ND	6.5	6.6	ND	6.7	6.9	6.6
WK0554	44150.005.50	Alk (mg/L)	ND	7.5	13	ND	20	16.5	16

Below Walker Brook Rd, west branch, W of Rt 31.			Mason, NH						
New Site ID	Old Site ID	Date (1998)	4/18	5/16	6/20	7/18	8/15	9/19	10/17
WK0554	44150.004.00	F.C. (col/100 ml)	ND	54	120	ND	ND	74	80
WK0554	44150.004.00	E. coli (col/100 ml)	ND	0	ND	ND	ND	0	ND
WK0554	44150.004.00	D.O. (mg/L)	14	10	9.5	ND	ND	7	10.5
WK0554	44150.004.00	Temp (C)	8	14	17	ND	ND	15	7
WK0554	44150.004.00	D.O. (% sat)	118	100	98	ND	ND	70	87
WK0554	44150.004.00	pH	6.6	6.5	6.3	ND	ND	6.6	6.5
WK0554	44150.004.00	Alk (mg/L)	6	6	5	ND	ND	26	8
WK0554	44150.004.00	BOD	ND	0.92	ND	ND	ND	1	ND

Below Walker Brook Rd, west branch, W of Rt 31			Mason, NH						
New Site ID	Old Site ID	Date (1999)	4/17	5/15	6/19	7/17	8/14	9/18	10/16
WK0554	trib at Rt 31	F.C. (col/100 ml)	ND	ND	30	ND	no flow	ND	0
WK0554	trib at Rt 31	E. coli (col/100 ml)	ND	ND	0	ND		ND	0
WK0554	trib at Rt 31	D.O. (mg/L)	ND	ND	4.4	ND		8.4	5.2
WK0554	trib at Rt 31	Temp. (°C)	ND	ND	11.0	ND		12.5	7.0
WK0554	trib at Rt 31	D.O. (% sat)	ND	ND	40.0	ND		78.9	42.9
WK0554	trib at Rt 31	pH	ND	ND	6.7	ND		6.5	6.5
WK0554	trib at Rt 31	Alk (mg/L)	ND	ND	11.0	ND		8.0	8.0

Witches Brook. Near development where crosses Warren Road			Townsend, MA						
New Site ID	Old Site ID	Date (2003)	4/19	5/17	6/21	7/19	8/16	9/20	10/18
WT0148	WT01-03	F.C. (col/100 ml)	15	30	24	38	132	515	5
WT0148	WT01-03	E. coli (col/100 ml)	ND	ND	ND	ND	ND	ND	{20}
WT0148	WT01-03	D.O. (mg/L)	7.60	6.70	4.80	2.30	4.00	5.70	5.20
WT0148	WT01-03	Temp (C)	8	10.5	17	20	20	17	6
WT0148	WT01-03	D.O. (% sat)	64.2	60.1	49.7	25.4	44.1	59.1	41.8
WT0148	WT01-03	pH	5.84	6.30	ND	5.85	6.08	ND	5.91
WT0148	WT01-03	Alk (mg/L)	13.6	11.8	ND	19.3	16.2	ND	12.1