

Water Quality Index Grade

(description of criteria on flipside)

Town	Site ID	Site Location	March 26, 2003 Water Quality Grade	Number of parameters sampled
Canton	BMB026	Beaver Meadow Brook @ Pine Street	A	12
Canton	EAB010	East Branch @ Neponset Street	A	12
Canton	MPB088	Massapoag Brook @Walnut Street	A	12
Canton	NER125	Neponset River @ Dedham Street Bridge	A	12
Canton	PEB008	Pecunit Brook @ Elm Street	A	10
Canton	POB040	Ponkapoag Brook @ Elm St	A	12
Canton	PQB036	Pequit Brook @ Rt 138	A	12
Canton	PQB040	Pequit Brook @ Sherman Street	A	12
Dedham	MOB001	Mother Brook @ Washington Street	A	11
Foxborough	NER002	Neponset River @ outlet of Crackrock Pond	A	11
Hyde Park	MOB032	Mother Brook @ Reservation	A	1
Hyde Park	NER165	Neponset River @ Fairmount Avenue	A	12
Mattapan	NER185	Neponset River @ Ryan Playground	A	12
Medfield	MIB030	Mine Brook @ Nebo Street	A	11
Milton	NER150	Neponset River @ Paul's Bridge	A	12
Milton	PTB028	Pine Tree Brook @ Blue Hills Parkway	A	12
Milton	PTB035	Pine Tree Brook @ Brook Road	A	12
Milton	PTB047	Pine Tree Brook @ Central Avenue	C	12
Milton	UNB002	Unquity Brook @ Randolph Avenue	A	12
Milton	UNB014	Unquity Brook @ Adams Street	B	5
Milton	UNB016	Unquity Brook @ Squantum St/Christopher Rd	B	6
Milton/Boston	NER200	Neponset River @ Adams Street Bridge	B	11
Norwood	GEB020	Germany Brook @ inlet of Ellis Pond	B	12
Norwood	HAB002	Hawes Brook @ Walpole Street	A	12
Norwood	HAB006	Hawes Brook @ Endean Park, railroad bridge	B	10
Norwood	HAB010	Hawes Brook @ Washington Street	B	12
Norwood	MEB001	Meadow Brook @ Sunnyside Road	D	6
Norwood	NER080	Neponset River @ Pleasant Street Bridge	A	12
Norwood	THB033	Traphole Brook @ Sumner Street	B	12
Sharon	BEB025	Beaver Brook @ Maskwonicut	A	12
Sharon	MPB037	Massapoag Brook @ Billings Street	A	12
Stoughton	SHB021	Steep Hill Brook @ Central St & West St	B	12
Walpole	NER040	Neponset River @ South Street	A	10
Walpole	NER075	Neponset River @ Hollingsworth & Vose Dam	A	12
Walpole	SMB001	School Meadow Brook @ Pine Street	A	11
Walpole	SPB016	Spring Brook @ Route 27	A	11
Walpole	TUR001	Turner's Pond	A	9
Walpole	WIP002	Willett Pond, southern site		
Walpole	WIP003	Willett Pond, eastern site		
Westwood	MLB024	Mill Brook @ inlet of Petee's Pond	A	12
Westwood	PUB022	Purgatory Brook @ Rt 1A, near Everett St	B	12

	Total	Average
Number of A's	28	72%
Number of B's	9	23%
Number of C's	1	3%
Number of D's	1	3%
Number of F's	0	0%
Total	<u>39</u>	

Description of Water Quality Index Grade

GRADE	DESCRIPTION
A (Excellent)	All water quality parameters measured are within optimal ranges. The water quality supports all designated uses and is aesthetically pleasing and suitable for swimming
B (Good)	At least 70% of the parameters are within the acceptable ranges. The water quality supports most designated uses and is aesthetically pleasing and suitable for swimming.
C (Moderate Degradation)	Half of the parameters are not within acceptable ranges or bacteria levels exceed state standards. Water quality supports non-contact recreational uses but may not be suitable for swimming
D (Serious Degradation)	At least 70% of the parameters are outside acceptable limits AND/OR fecal bacteria are outside acceptable limits. Contact recreation (swimming) is not recommended.
F (Extreme Degradation)	At least 70% of the parameters are outside acceptable limits AND/OR fecal bacteria concentrations are greater than 3,000 cfu/100mL. Contact recreation (swimming) is not recommended.

** With the exception of those standards that have State designated Water Quality Standards (314 CMR 4.00) all criteria have been developed by NepRWA and are based on best available science.