

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.