

**Water Quality results for the Mianus River on 5/23/2007  
(NUMBERS IN RED INDICATE POOR WATER QUALITY)**

Site #	1	2	3	4	5	6	7	8	9
Test Day	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Wed	Thur
Test	5/23	5/23	5/23	5/23	5/23	5/23	5/23	5/23	5/24
Dissolved Oxygen	82	98	86	85	55	100	73	85	100
Fecal Coliform	44	25	60	NA	100	76	22	100	NA
pH	25	85	93	89	93	93	89	93	90
BOD	55	50	55	3	95	90	45	NA	NA
Temp. Change	90	90	90	92	92	91	92	80	NA
Total Phosphate	93	60	100	100	100	60	96	95	NA
Nitrates	98	95	98	97	100	92	96	98	NA
Turbidity	NA	NA	96	97	0	96	NA	98	80
Total Solids	NA	80	82	79	86	80	82	80	NA
Water Quality Index	59%	71%	83%	70%	81%	87%	73%	85%	83%
Macroinvert. Value	32	29	20	17	20	47	31	NA	NA

WATER QUALITY INDEX

>89% = EXCELLENT  
 >79% = GOOD  
 >69% = FAIR  
 >59% = POOR  
 <60% = BAD

MACRONVERTEBRATE INDEX

>22 = EXCELLENT  
 17-22 = GOOD  
 11-16 = FAIR  
 10 OR LESS = POOR