



Deerfield River Watershed Association

WATER QUALITY

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Volunteers in DRWA's lab

Introduction

The Deerfield River is one of the most pristine rivers in Massachusetts. Due to cool temperatures, high oxygen content, and neutral rather than acidic conditions, the river is home to a variety of aquatic life. Despite ten dams and five waste water treatment plants on its river shores, the watershed is not densely populated and most of the land use is forests. Because the river is clean and scenic, it is used heavily for recreation. DRWA has been documenting the water quality in the main stem and tributaries since 1990. See our [slide show](#) for an introduction to our program and for 1999-2000 results. Currently we monitor the river for temperature, pH and alkalinity in the spring and temperature and E. coli bacteria in the summer. Previous years' data can be found in the [archived data](#).

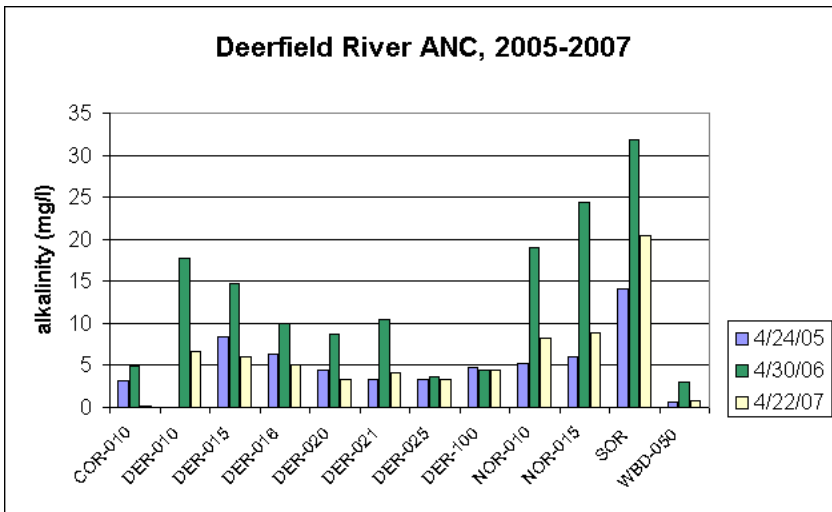
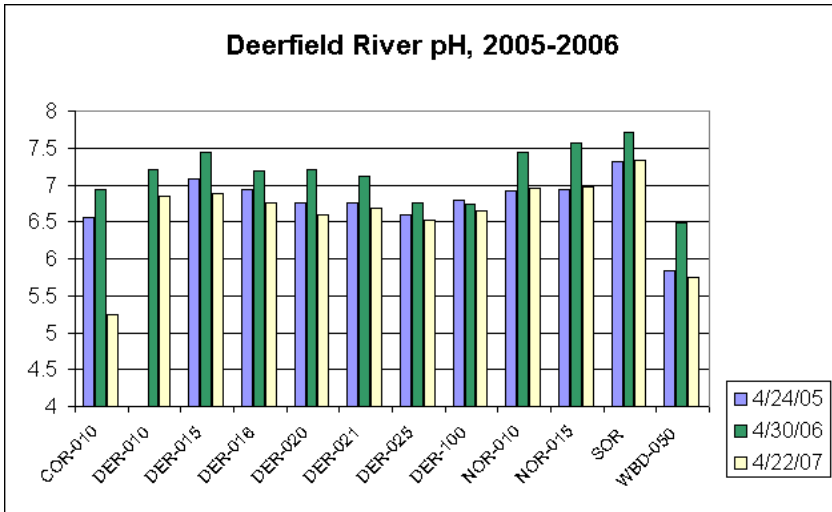
This year we continued monitoring E. coli, but concentrated on the North and South Rivers to bracket unknown sources of bacteria on those two rivers, thanks to the **604(b) Water Quality Management Planning Grant Program** administered by the [MA DEP](#) and in cooperation with the [Franklin Regional Council of Governments](#). See our DEP and EPA approved [Quality Assurance Project Plan](#) (pdf). Results for the season will be posted here soon.

[EPA Assessment Data for Deerfield Watershed, 2002](#)

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Latest Results

		4/24/05	4/24/05	4/30/06	4/30/06	4/22/07	4/22/07
Sample ID	Site Name	pH	ANC	pH	ANC	pH	ANC
COR-010	Cold River	6.56	3.1	6.93	4.9	5.25	0.2
DER-010	5&10 Bridge	NS	NS	7.21	17.7	6.85	6.6
DER-015	Stillwater	7.09	8.4	7.44	14.8	6.88	6.0
DER-016	Gardner Falls	6.94	6.4	7.19	10.0	6.75	5.0
DER-020	Old Willow	6.76	4.5	7.20	8.7	6.60	3.4
DER-021	Below Charlemont WWTP	6.75	3.3	7.12	10.5	6.68	4.1
DER-025	Zoar Gap	6.59	3.4	6.76	3.6	6.52	3.4
DER-100	Readsboro	6.79	4.7	6.74	4.4	6.64	4.5
NOR-010	North River above BBA	6.91	5.3	7.45	19.0	6.95	8.3
NOR-015	North River below BBA	6.94	6	7.57	24.4	6.98	8.8
SOR	South River	7.31	14.1	7.71	31.9	7.34	20.4
WBD-050	West Branch Deerfield River	5.83	0.7	6.48	3.0	5.74	0.8



Contact

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 State Contact: DEP: [Christine Duerring](#)
 National Contact: [EPA web site](#)

The DRWA Water Quality Monitoring Program is funded in part by a [MA DEP 604\(b\)](#) grant administered by the [Franklin Regional Council of Governments](#).

Updated 8/31/07 by [MF Walk](#) [DRWA HOME](#)

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