Falmouth Weekly Water Quality Report

This program began, in Spring 2006, as a partnership between FACES (Falmouth), The Falmouth Enterprise newspaper and WBNERR, enlisting a citizen volunteer team, to carry out weekly water quality monitoring in 15 of the town's tidal bays and harbors. The primary purpose of the report is to provide the Town of Falmouth's people with a frequent source of useful information about their coastal waters as well as to be a regular reminder of the degraded state of the town's estuaries. The program operates two teams of volunteers, who go out to sample their sites every Monday or Tuesday AM, between 6AM and 9AM. The measurements recorded, using YSI 85 electronic meters are water temperature, salinity and dissolved oxygen. Water samples are also taken for later water clarity analysis at WBNERR. Each week, the field data are quality checked, and input to a database. Afterwards, a weekly report is generated by WBNERR staff and sent to the FACES Weekly Report team leader (Joe Apicella or Ted Schmul in winter), who review it and submit it to the Falmouth Enterprise for publication each week on Friday of the same week as the sampling occurred.

Latest Report: *09/14/2009*

Estuary	Temp °F		Salinity (ppt)		DO (%)		Water Clarity (ft.)	
	2009	2008	2009	2008	2009	2008	2009	2008
Waquoit Bay	68.9	69.4	28.6	28.0	74	86	7.1	6.9
Childs River	69.8	68.4	25.1	11.8	73	68	4.9	5.4
Bournes Pond	71.2	67.3	27.9	28.3	103	82	6.3	6.7
Eel River	68.5	69.8	27.9	2.4	73	61	6.6	5.0
Green Pond	70.2	70.2	26.3	28.1	111	69	6.0	6.0
Great Pond	70.3	69.1	24.9	11.9	62	79	5.6	5.9
Perch Pond	68.4	69.8	25.3	21.3	70	75	5.8	5.6
Little Pond		69.8		16.8		53		4.4
Falmouth Harbor	68.2	69.8	28.6	29.1	56	76	6.0	5.2
Siders Pond	69.3	69.6	7.7	10.2	94	91	6.0	3.0
Woods Hole	69.1	70.2	30.4	31.0	95	85	9.8	6.3
Quissett Harbor	68.9	70.5	30.7	31.3	79	79	10.1	7.8
West Falmouth	67.6	70.3	28.3	29.9	82	76	9.3	7.2
Wild Harbor	69.3	70.3	30.7	29.1	69	78	7.8	5.0
Megansett	68.5	70.9	29.1	30.8	86	81	10.4	7.1
AVERAGE	***69.2***	***69.7***	***26.5***	***22.7***	***81***	***76***	***7.3***	***5.8***

Analysis of Hypoxic (Low Oxygen) Events 2006-2008