

# Cost Savings from Fertilizer Management Controls - Cape Wide 50% Reduction in Fertilizer



CAPE COD  
COMMISSION

Municipality	Reduced Nitrogen Load to Groundwater from Fertilizer (lb) <sup>1</sup>	Equivalent Homes Remaining on Septic <sup>2</sup>	Approximate Cost Savings from Fertilizer Management Controls
Barnstable	25,306	2,604	\$104,160,400
Bourne	9,265	953	\$38,136,948
Brewster	7,630	785	\$31,405,894
Chatham	6,418	660	\$26,415,438
Dennis	12,253	1,261	\$50,433,693
Eastham	4,847	499	\$19,951,528
Falmouth	21,534	2,216	\$88,636,160
Harwich	9,550	983	\$39,310,350
Mashpee	9,701	998	\$39,930,409
Orleans	3,948	406	\$16,249,275
Provincetown	1,650	170	\$6,790,254
Sandwich	10,014	1,031	\$41,220,353
Truro	2,401	247	\$9,884,580
Wellfleet	3,236	333	\$13,320,944
Yarmouth	14,777	1,521	\$60,823,963
<b>Cape Wide</b>	<b>142,532</b>	<b>14,667</b>	<b>\$586,670,187</b>

<sup>1</sup> Comparison based on a 50% reduction in fertilizer contribution to impaired watersheds and a \$40,000 cost to sewer each home.

<sup>2</sup> Assume a contribution of 10 lb-N/yr/Home based on methods put forth in Technical Bulletin 91-001. Number of homes currently served by septic systems which would have to be sewerred in order to reduce the nitrogen load equivalent to that from fertilizer.