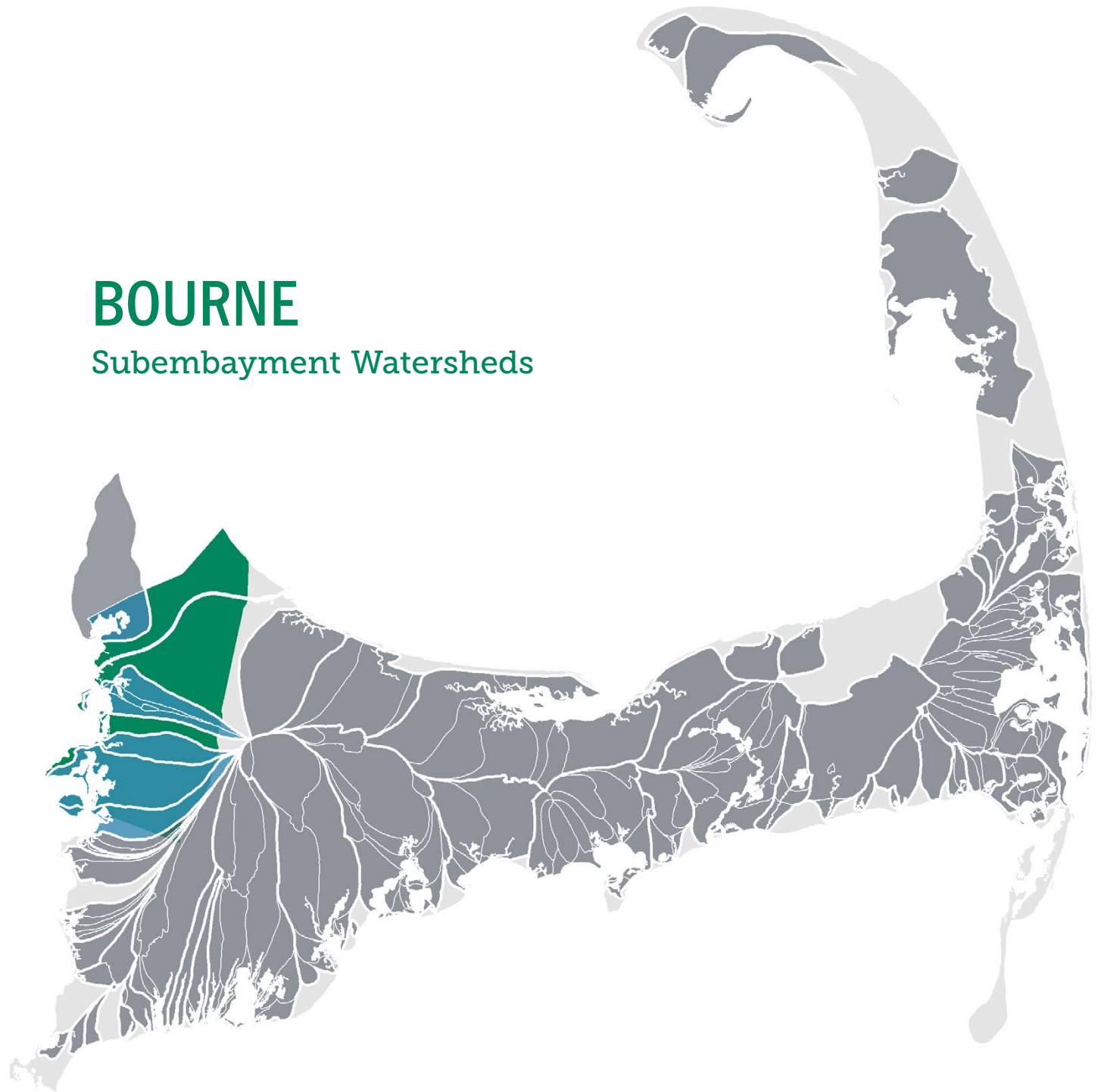


BOURNE

Subembayment Watersheds



The following definitions are used to describe nitrogen responsibility:

Unattenuated load: the controllable nitrogen load, in kg, deposited in the watershed

Attenuated load: the controllable nitrogen load, in kilograms (kg), from the watershed that reaches the embayment after the effect of natural attenuation in wetlands or ponds

Threshold: the amount of nitrogen, in kg, that a water body can receive and still meet water quality goals; this number is based on Massachusetts Estuaries Project (MEP) technical reports or Total Maximum Daily Load (TMDL) reports

Reduction target: the amount of nitrogen, in kg, that needs to be removed from the watershed to achieve the threshold; this number is calculated by subtracting the threshold number from the controllable attenuated load

Percent contribution: the percent of controllable attenuated load that a town contributes to the watershed

Kilogram responsibility: is calculated by applying the percent contribution to the reduction target and indicates the amount of nitrogen, in kg, that a community is responsible for addressing

BUTTERMILK BAY

SUBEMBAYMENT: BUTTERMILK BAY

Unattenuated Load (kg.)	Attenuated Load (kg.)	Threshold (kg.)	Reduction Target (kg.)	Percent Contribution	Kilogram Responsibility	Additional Contributing Towns
5,004 (Bourne portion only)	5,004 (Bourne portion only)	N/A	N/A	TBD	TBD	Wareham and Plymouth

MEGANSETT HARBOR

SUBEMBAYMENT: MEGANSETT HARBOR

Unattenuated Load (kg.)	Attenuated Load (kg.)	Threshold (kg.)	Reduction Target (kg.)	Percent Contribution	Kilogram Responsibility	Additional Contributing Towns
5,383	5,383	N/A	N/A	39%	N/A	Falmouth (61%)

PHINNEYS HARBOR

SUBEMBAYMENT: BACK RIVER INNER

Unattenuated Load (kg.)	Attenuated Load (kg.)	Threshold (kg.)	Reduction Target (kg.)	Percent Contribution	Kilogram Responsibility	Additional Contributing Towns
1,466	1,392	2,810	N/A	100%	N/A	N/A

SUBEMBAYMENT: BACK RIVER OUTER

Unattenuated Load (kg.)	Attenuated Load (kg.)	Threshold (kg.)	Reduction Target (kg.)	Percent Contribution	Kilogram Responsibility	Additional Contributing Towns
544	544	717	N/A	100%	N/A	N/A

SUBEMBAYMENT: EEL POND

Unattenuated Load (kg.)	Attenuated Load (kg.)	Threshold (kg.)	Reduction Target (kg.)	Percent Contribution	Kilogram Responsibility	Additional Contributing Towns
1,335	1,196	1,784	N/A	100%	N/A	N/A

BOURNE: Subembayment Watersheds

SUBEMBAYMENT: PHINNEYS HARBOR

Unattenuated Load (kg.)	Attenuated Load (kg.)	Threshold (kg.)	Reduction Target (kg.)	Percent Contribution	Kilogram Responsibility	Additional Contributing Towns
4,577	4,546	1,713	2,833	100%	2,833	N/A

POCASSET HARBOR/RED BROOK HARBOR

SUBEMBAYMENT: POCASSET HARBOR

Unattenuated Load (kg.)	Attenuated Load (kg.)	Threshold (kg.)	Reduction Target (kg.)	Percent Contribution	Kilogram Responsibility	Additional Contributing Towns
10,937	10,937	N/A	N/A	100%	N/A	N/A

POCASSET RIVER

SUBEMBAYMENT: POCASSET RIVER

Unattenuated Load (kg.)	Attenuated Load (kg.)	Threshold (kg.)	Reduction Target (kg.)	Percent Contribution	Kilogram Responsibility	Additional Contributing Towns
4,931	4,931	N/A	N/A	100%	N/A	N/A