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Comprehensive Conservation and Management Plan

The 1991 CCMP (The 8/91 version was approved by EPA in 1992)

The Buzzards Bay NEP was the first National Estuary Program to draft a Comprehensive Conservation and Management Plan ("CCMP"). We were the trailblazer. Our sub-watershed approach, the Plan's focus on so-called "non-point sources" of pollution and land-use management, our approach to nitrogen management, and our focus on action by local government were cutting edge concepts when the document was first drafted in 1989.

In retrospect, our Management Plan was a simple and unassuming document, that lacked many details. The Plan outlined in plain terms the problems facing Buzzards Bay and simple recipes for addressing them.

Subsequent CCMPs by other National Estuary Programs were more polished and refined than ours, but many of our common sense strategies continue to be rediscovered elsewhere. In particular, the trend toward more involvement by local government and grass root groups for accomplishing actions to protect or restore the environment has become an almost universal theme. Though out the 1990's, there has been a trend toward devolution of government across the US. Federal and state government downsizing has placed a greater burden of responsibility to local government.

In Massachusetts, this trend toward devolution and downsizing of state and federal government can be accommodated since municipalities have long been delegated many of the environmental management responsibilities under the state's longstanding "Home Rule Amendments". In our Management Plan, local boards such as Conservation Commissions, Planning Boards, Boards of Health, and Boards of Selectmen are not only the first line of defense in protecting the environment, their cumulative decisions fundamentally define the existing and future environmental conditions of their community.

After the CCMP was finalized in 1991, the focus of the Buzzards Bay NEP became the implementation of the Plan. Because the CCMP focused on actions of local government, the major focus of the Project became assistance of municipalities through grants and technical assistance.

Since the CCMP was written, many of the recommended actions have been achieved. We will soon add a summary page of completed actions for each Action Plan.

CCMP Executive Summary

[Executive Summary to the CCMP \(web page text version\)](#)

| | [\[pdf version\]](#)

CCMP Volume I: Management Recommendations and Action Plans

Announcement: The Buzzards Bay CCMP is being updated

On this page are links to the chapters and action plans of the Buzzards Bay Comprehensive Conservation and Management Plan completed in 1991, and approved by the US EPA in 1992. The Buzzards Bay NEP is now updating this landmark plan to reflect the great progress achieved since that plan was finalized, and to include new goals, objectives, and recommendations to meet the environmental needs for Buzzards Bay and the surrounding watershed throughout the next decade. Go to our [New CCMP](#) page to see the working draft document which we hope will lead to many new successes to protect and restore water quality and living resources throughout the bay and watershed.

[Download the 1991 Buzzards Bay CCMP](#)



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Note: The web page text version of each CCMP section below, contains most of the text, but may be missing many key diagrams and tables; refer to the pdf versions for a complete copy of that section.

[1991 Governor's Letter \[pdf version\]](#)

[1992 EPA Approval Letter \[pdf version\]](#)

[Acknowledgments to the CCMP \(web page text version\)](#)

| | [\[pdf version; includes all names and TOC\]](#)

[Chapter 1: Introduction to the CCMP \(web page text version\)](#)

| | [\[pdf version\]](#)

[Chapter 2: History and Accomplishments of the Project \(web page text version\)](#)

| | [\[pdf version\]](#)

[Chapter 3: The Buzzards Bay Setting: The Bay, Its Drainage Basin and Living Resources \(web page text version\)](#)

| | [\[pdf version\]](#)

[Chapter 4: Characterization of Pollution Sources \(web page text version\)](#)

| | [\[pdf version\]](#)

[Chapter 5: Action Plan Introduction \(web page text version\)](#)

| | [\[pdf version\]](#)

ACTION PLANS

[Managing Nitrogen-Sensitive Embayments \(web page text version\)](#)

| | [\[pdf version\]](#)

[Protecting and Enhancing Shellfish Resources \(web page text version\)](#)

| | [\[pdf version\]](#)

[Controlling Stormwater Runoff \(web page text version\)](#)

| | [\[pdf version\]](#)

[Managing Sanitary Wastes from Boats \(web page text version\)](#)

| | [\[pdf version\]](#)

[Managing On-Site Systems \(web page text version\)](#)

| | [\[pdf version\]](#)

[Preventing Oil Pollution \(web page text version\)](#)

| | [\[pdf version\]](#)

[Protecting Wetlands and Coastal Habitat \(web page text version\)](#)

| | [\[pdf version\]](#)

[Planning for a Shifting Shoreline \(web page text version\)](#)

| | [\[pdf version\]](#)

Download the entire Volume 1 (234 page main document) of the 1992 Buzzards Bay CCMP. Left click to open in a new window (if your browser reads pdf files), or right click to download onto your computer. This is an 11 MB pdf file, with imperfect OCR translation as a layer over the text. If you would rather just read specific chapters, use the links below.

Managing Sewage Treatment Facilities (web page text version)

| | [\[pdf version\]](#)

Reducing Toxic Pollution (web page text version)

| | [\[pdf version\]](#)

Managing Dredging and Dredged Material Disposal (web page text version)

| | [\[pdf version\]](#)

Chapter 6: Pollution Remediation Projects in New Bedford (web page text version)

| | [\[pdf version\]](#)

Chapter 7: Land-Use Management (web page text version)

| | [\[pdf version\]](#)

Chapter 8: Embayment Management in Buttermilk Bay: A Case Study (web page text version)

| | [\[pdf version\]](#)

Chapter 9: Implementing the CCMP (web page text version)

| | [\[pdf version - includes all commitment and support letters\]](#)

References Cited (pdf version)

Glossary (web page text version)

Appendix A: The Management Framework in Buzzards Bay

| | [\[pdf version\]](#)

Appendix B: Land-use Statistics and Explanatory Notes

| | [\[pdf version\]](#)

Appendix C: Units of Measure and Abbreviations Used

Appendix D: Nitrogen Loading Worksheets for Coastal Embayments 245

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Appendix E: Septic Systems Construction Regulation for Effective Virus Removal (NA)

| | [\[pdf version\]](#)

CCMP Volume II: Financial Plan

CCMP Volume II: Financial Plan [5.5 MB pdf version]

CCMP Volume III: Monitoring Plan

CCMP Volume III: Monitoring Plan [3.3 MB pdf version]

CFederal Consistency Report

EPA Federal Consistency Report

This EPA CCMP federal consistency requirement is distinct from NOAA and MCZM federal consistency.

