

Barnegat Bay Estuary Program Comprehensive Conservation Management Plan

Restoration Plan Database: Crystal Reports of Individual Plan Summaries

I. BASIC PLAN DATA

Plan name:

Barnegat Bay Estuary Program Comprehensive Conservation Management Plan

Brief description of plan:

This CCMP is a comprehensive environmental management plan for the Barnegat Bay watershed that identifies priority environmental problems and issues of concern, management actions to deal with the priority problems, agencies and organizations responsible for implementing the action plans, resources to carry out implementation and institutional alternatives.

Region the plan is located within:

Mid-Atlantic Region

Watershed(s) included within the plan:

M076x , M085x

Area plan covers (in square miles):

660.00 square miles

Plan scale:

Multi-county

Plan's lead organization(s):

Barnegat Bay Estuary Program

Plan's Main Contact Information:

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On-line version of plan:

www.bbep.org/ccmp.htm

Date of original plan:

5/2000

II. TECHNICAL INFORMATION

Plan includes restoration goals: Y

Level of detail of the goals:

MS

Summary of the goals:

The CCMP focuses on balancing the natural water cycle so as to protect the quantity and quality of public water supplies and to maintain or restore the ecological conditions to support living aquatic resources in the estuary and watershed.

Plan recommends or uses criteria for selecting restoration sites (e.g. cost benefit ratio, ecological benefits):

Y

Summary of the criteria:

The list of recommendations and use criteria for selecting restoration sites is extensive and ranges from very general to specific. Examples include maintaining natural habitat and landscape values, facilitating partnerships, controlling erosion in threatened shoreline areas, and maintaining continuous riparian corridors for habitat protection and low-impact recreational pursuits.

Plan recommends restoration of specific project sites:

N

Plan includes a discussion of funding sources:

Y

Plan addresses long-term protection of restored sites:

Y

Partners included in developing the plan:

- Federal
- State
- Local
- Business/Industry
- Non-profit Organizations
- Academia
- Private landowners

Type(s) of public outreach included during plan development:

- Held public workshops, meetings, open house, or scoping meetings
- Developed a Web site to inform public and/or seek public input
- Mailed or e-mailed information to a contact list
- Distributed brochures or other materials
- Formed an advisory group(s)
- Involved the media through news releases, public service announcements, etc.
- Was subject to a public comment period

Plan includes public outreach as part of plan implementation (e.g. annual public meeting, local group participation):

Y

Plan discusses the application of innovative approaches to restoration:

N

Plan make use of GIS mapping capabilities:

Y

Plan addresses monitoring/reference sites for ecosystem level monitoring (baseline conditions) by:

G

Plan addresses monitoring/reference sites for project level monitoring by:

G

The plan discusses or coordinates with other restoration plans covering the same geographic area:

N

Other plan names:

Plan contains detailed information on historic and/or current habitat size, rate of loss, acres restored or protected, etc.):

Y

Summary of this habitat information:

Original wetlands covered more than 70% more land than they do today. Watershed development has resulted in the following habitat losses: 33,916 acres (13,731 hectares) or 20% of upland forest between 1972 and 1995; 4,631 acres (1,875 hectares) or 6% of freshwater wetlands during the same period; and 10,448 acres (4,230 hectares) or 32% of tidal wetlands during the past 100 years. There are approximately 300,000 acres (121,500 hectares) of freshwater wetlands which remain in the state. Approximately 14,548 acres (5,890 hectares) of Barnegat Bay salt marshes have been ditched to reduce mosquito breeding habitat. This represents about 2/3 of the existing tidal salt marsh area. More than 70% (10,433 acres, 4,224 hectares) of the Barnegat Bay estuarine shoreline buffer zone is developed/altered, leaving only 29% (4,283 acres, 1,734 hectares) in natural land covers. Approximately 45% of the estuarine shoreline is now bulkheaded (36% when tidal creeks are included). Human causes include; 1.Dredging operations in marinas, Intracoastal Waterway; 2.Development of coastal wetlands, barrier islands and other natural areas in the watershed; 3.Bulkheading, diking or other modifications to wetlands; 4.Construction of buildings and roadways