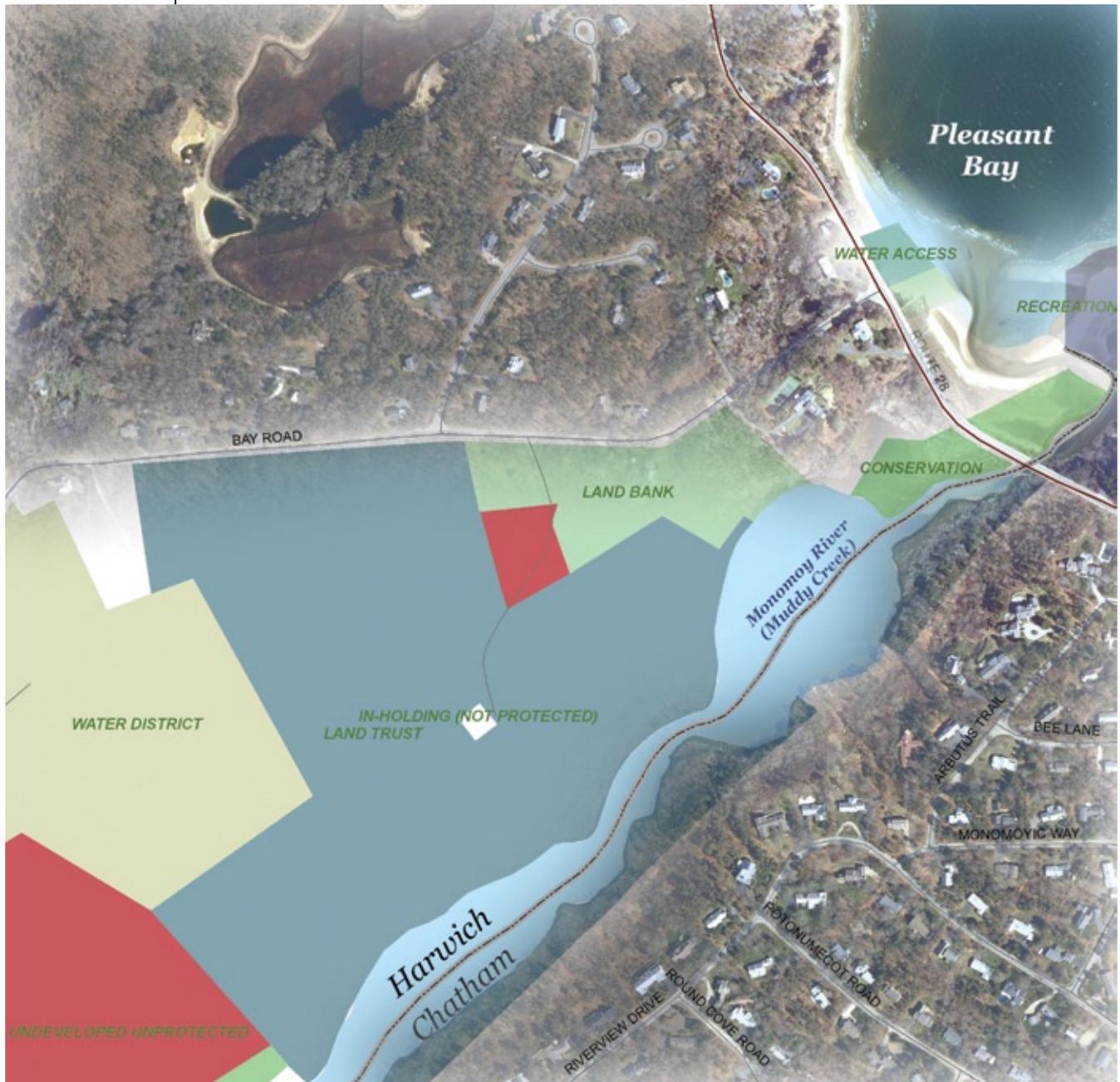




# Cape Cod Commission FISCAL YEAR 2007 • ANNUAL REPORT



# REGIONAL OPEN SPACE PLAN AND INTERACTIVE GIS WEB TOOL

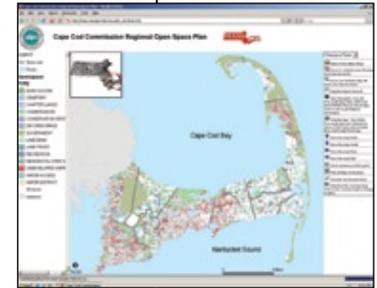
The Cape Cod Commission's natural resources specialist worked with the agency's Geographic Information System (GIS) department and the state's Office of Geographic and Environmental Information (MassGIS) to create a Web-based mapping tool for the Regional Open Space Plan to be released early next year.

The tool provides an easy way to view protected and unprotected open space on Cape Cod in relation to significant resources. The ability to show these resources on a map and to perform simple queries can assist in identifying and creating "green infrastructure" for the Cape. This capability will allow towns and land trusts to set priorities for open space acquisitions that will meaningfully protect and connect Cape Cod's most sensitive resources.

Currently in a review stage, the mapping tool is available at a MassGIS Web site: [maps.massgis.state.ma.us/cc\\_os/viewer.htm](http://maps.massgis.state.ma.us/cc_os/viewer.htm)

The Cape Cod Commission welcomes comments and suggestions. Send questions on the tool's contents to Natural Resources Specialist Heather McElroy ([hmcclroy@capecodcommission.org](mailto:hmcclroy@capecodcommission.org)); send questions on the tool's technical aspects to GIS Analyst Anne Reynolds ([areynolds@capecodcommission.org](mailto:areynolds@capecodcommission.org)).

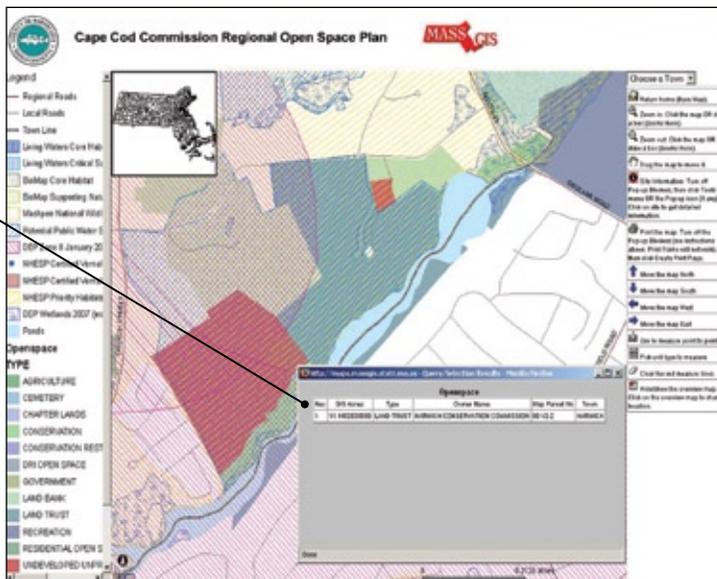
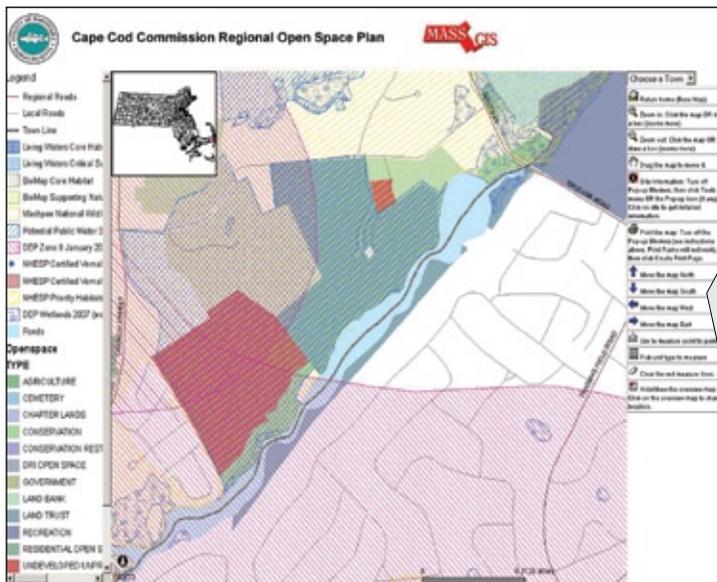
By year end, the final product will be available on the Commission's GIS and Natural Resources Web sites: [www.capecodcommission.org/GIS/](http://www.capecodcommission.org/GIS/) [www.capecodcommission.org/naturalresources/](http://www.capecodcommission.org/naturalresources/)



The cover illustration shows large parcels of protected land on the north side of the Monomoy River at the Harwich-Chatham town line.

The interactive Web-based tool allows users to view layers of sensitive resources and to zoom to view locations at different scales.

Users can also query parcels to see if they are protected.



Choose a Town

- Return home (Base Map).
- Zoom in: Click the map OR draw a box (zooms more).
- Zoom out: Click the map OR draw a box (zooms more).
- Drag the map to move it.
- Site Information: Turn off Pop-up Blockers, then click Tools menu OR the Pop-up icon (if any). Click on site to get detailed information.
- Print the map: Turn off the Pop-up Blockers (see instructions above; Print Frame will not work), then click Create Print Page.
- Move the map North
- Move the map South
- Move the map West
- Move the map East
- Use to measure point to point.
- Pick unit type to measure
- Clear the red measure lines.
- Hide/show the overview map. Click on the overview map to change location.

Cover photo of Monomoy River/ Muddy Creek from Route 28 courtesy of the Harwich Conservation Trust ([www.harwichconservationtrust.org](http://www.harwichconservationtrust.org)).

# Cape Cod Commission FISCAL YEAR 2007 • ANNUAL REPORT

## MISSION STATEMENT

*The Cape Cod Commission is the regional land use planning and regulatory agency created in 1990 to serve the citizens and the 15 towns of Barnstable County. Its mission is to manage growth, to protect Cape Cod's unique environment and character, and to foster a healthy community for present and future generations.*

The Cape Cod Commission is charged with reviewing and regulating Developments of Regional Impact, recommending designation of Districts of Critical Planning Concern, and preparing and overseeing the implementation of the Regional Policy Plan, the set of planning policies and objectives that guide development on Cape Cod.

The Commission also provides technical services throughout Barnstable County that involve promotion of affordable housing and balanced and sustainable economic development; protection of coastal, water, natural, and historic resources; planning for adequate capital facilities and infrastructure; preparation of transportation plans and analysis of traffic congestion and safety issues; analysis of geographic and other data; and more.

CAPE COD COMMISSION • BARNSTABLE COUNTY  
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E-MAIL: [frontdesk@capecodcommission.org](mailto:frontdesk@capecodcommission.org)

WEB SITES: [www.capecodcommission.org](http://www.capecodcommission.org) • [www.gocapecod.org](http://www.gocapecod.org) • [www.capecodgroundwater.org](http://www.capecodgroundwater.org)

CAPE COD COMMISSION **MEMBERS** • FISCAL YEAR 2007

July 1, 2006 through June 30, 2007

**Fiscal Year Officers:**

Chair: Brad Crowell

Vice Chair: Elizabeth Taylor

Secretary: Robert S. Jones

**Members Representing...**

Barnstable:..... Royden Richardson  
Bourne: ..... Carol Tinkham (through May 2007); then Michael Blanton  
Brewster: ..... Elizabeth Taylor  
Chatham: ..... Catherine Frazer (through November 2006); then Florence Seldin  
Dennis: ..... Brad Crowell  
Eastham: ..... Ian Aitchison (through August 2006); then Joyce Brookshire  
Falmouth: ..... Jay Zavala  
Harwich: ..... Leo Cakounes  
Mashpee: ..... Ernest Virgilio  
Orleans: ..... Frank H. Hogan  
Provincetown: ..... Roslyn Garfield  
Sandwich: ..... Robert S. Jones  
Truro: ..... Susan Kadar  
Wellfleet: ..... Alan Platt  
Yarmouth: ..... Charles Lockhart  
County Commissioner: ..... William Doherty  
Minority Representative: ..... John D. Harris  
Native American Representative: ..... Mark Harding  
Governor's Appointee: ..... Herbert Olsen



Brad Crowell  
Fiscal Year 2007 Chair

## A Message from the Chair

*This year the Cape Cod Commission benefited greatly from a remarkable level of public concern and input into its work. As chair, I was impressed with the dedication—both from outside the agency and from within it—to improving the Commission’s policies, operations, and impact. I witnessed this participation in three significant ways:*

- *The 21st Century Task Force on the Cape Cod Commission, whose December 2006 report prompted a rigorous and enthusiastic effort by Commission members and staff to fulfill the report’s many and complex recommendations. At the close of the fiscal year, the Commission delivered a six-month progress report to the Barnstable County Commissioners documenting those efforts and setting a time frame for their completion.*

- *The update of the Cape Cod Regional Policy Plan. The Commission had begun work on the regular five-year update of the Regional Policy Plan (RPP) before the release of the 21st Century Task Force report, but then adjusted its schedule and incorporated many proposed changes into the draft to address the report’s recommendations. As we closed the fiscal year, the draft was being readied for public critique and discussion. To respond to Task Force recommendations, the proposed RPP has been reorganized, new maps are being prepared, and revised goals, minimum performance standards, and options for mitigation for developments have been proposed.*

- *A reinvigorated dialogue between the Town of Yarmouth and the Cape Cod Commission on issues of mutual concern. Municipal and regional staff and board members met to discuss complex land use planning and regulatory issues several times during the past year. By fiscal year end, for example, substantial progress had been made toward the Commission’s designation of a “growth*

*incentive zone”—basically, a Commission-free regulatory zone—to facilitate the redevelopment of Yarmouth’s Route 28 corridor with attention to conversion of hotel/motel properties to residential or mixed uses in the first phase of the zone’s implementation.*

*All of the improvements that have been asked of the Cape Cod Commission require true partnerships between Cape Cod towns and the regional planning agency to be effective. Together rather than separately our combined efforts will continue to benefit each town and the whole of Cape Cod by encouraging growth in the right places, identifying ways to plan and pay for needed infrastructure, and protecting the natural and treasured public resources that make Cape Cod the special place that it is.*

*I encourage the public to get better acquainted with the work and the people of the Cape Cod Commission. Participate in meetings, read the free monthly newsletter, review reports and data, all of which and more are available on the Commission’s Web site: [www.capecodcommission.org](http://www.capecodcommission.org)*

*In closing I speak for many when I express a special debt of gratitude to Executive Director Margo Fenn, whose retirement in July 2007 marks the completion of 17 years with the Cape Cod Commission. Her expertise, competence, and dedication to the Commission’s mission and to regional planning in general will long be remembered and appreciated.*

*Brad Crowell  
Chair, Fiscal Year 2007  
Representative from Dennis, 2002 to present*

## Fiscal Year 2007 • Regional Activities



### 21st Century Task Force on the Cape Cod Commission

Throughout the year, the Cape Cod Commission's regulations and operations were the subject of a comprehensive external review by the 21st Century Task Force on the Cape Cod Commission. A 19-member committee, appointed in late spring 2006 by the Barnstable County Commissioners, evaluated the agency's operations and made recommendations to improve its effectiveness and relationships with towns. The Task Force (all photos this page) met for six months and conducted a thorough review of the Cape Cod Commission's planning, regulatory, and technical assistance functions.

In December 2006, the Task Force delivered its report with more than 35 recommendations for improvements. The County Commissioners identified their priorities among those recommendations in late April 2007, focusing on better communications with Cape Cod municipal officials, more emphasis on the creation of livable wage jobs when analyzing development proposals, and working with towns to revise regional development review thresholds.

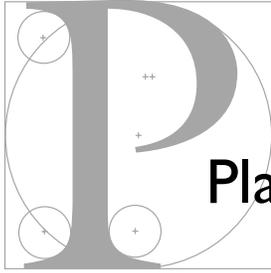


As it pursues implementation of Barnstable County's priorities, the Cape Cod Commission will develop proposed changes to its Enabling Regulations and will revise the Regional Policy Plan. The Commission will meet with municipal officials, chambers of commerce, and other interested groups, and will make progress reports to the County Commissioners during the coming months.



### Planning, Technical Assistance, Training, & Regulatory Activities

In Fiscal Year 2007, the Cape Cod Commission continued to pursue regional planning, technical assistance, and regulatory activities to help manage growth across the region. In addition, the Commission sponsored or cosponsored training for municipal officials and staff on a variety of topics in workshops, roundtable discussion groups, conferences, field trips, and more. Highlights of those activities follow.



## Planning Activities

### Regional Policy Plan

The Cape Cod Commission's standing Planning Committee and the agency's planning and technical staff continued work on the five-year update to the Cape Cod Regional Policy Plan (RPP), this year working to incorporate changes recommended by the 21st Century Task Force on the Cape Cod Commission. Before the release of the Task Force report in December 2006, the Commission had already begun work on the RPP update but decided to modify the schedule to accommodate the new recommendations.

The Commission has reorganized the draft RPP to separate the planning and regulatory components; has prepared new maps to identify key resource areas and future land use categories; has revised and clarified the plan's goals and minimum performance standards, including giving stronger consideration of economic development in weighing the benefits and detriments of proposed projects; has proposed optional approaches for mitigation to improve predictability for development; and has begun drafting a new section to help measure progress made over time in achieving RPP goals across the Cape.

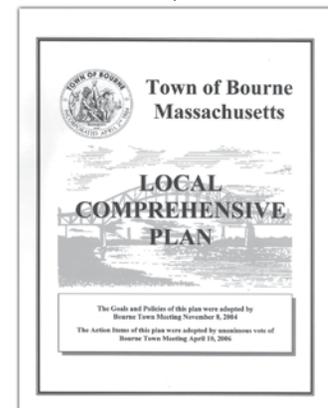
Work on the update will continue through 2007, with a final version expected to be considered by the Barnstable County Assembly of Delegates in early 2008.

### Local Comprehensive Plans

The Cape Cod Commission continued its work with Cape communities to develop, revise, and implement Local Comprehensive Plans (LCPs). The Commission reviews local plans for consistency with the goals of the Regional Policy Plan.

This year the Commission's staff worked with the towns of Bourne, Eastham, and Orleans. Bourne adopted its first LCP, Orleans updated its plan, and Eastham is in the process of updating its plan. Bourne's LCP Committee worked with staff to fine tune the plan, aiming for Commission certification by November 2007.

Other planning work included staff support for Provincetown as it continued to revise zoning bylaws, and staff participation in local initiatives toward a "village center" for East Harwich.





## Districts of Critical Planning Concern

The Cape Cod Commission is charged with recommending the designation of Districts of Critical Planning Concern, or DCPCs. When approved by the Barnstable County Assembly of Delegates, these districts allow a town or a group of towns to adopt special rules and regulations to protect natural, coastal, scientific, cultural, architectural archaeological, historic, economic, or recreational resources or values of regional, statewide, or national significance. New implementing regulations, developed by the community once the DCPC has been designated, then apply to all future development in a DCPC. Seven DCPCs have been designated within Barnstable County, the most recent being the Pond Village DCPC designated in Barnstable in January 2006.

A Cape Cod Commission staff planner worked closely this fiscal year with the local committee of Barnstable municipal staff and officials and property owners as they developed a set of implementing regulations for the Pond Village DCPC, a 115-acre area north of Route 6A (photo below). The district's goals were to protect the water quality of a freshwater pond and a portion of Barnstable Harbor and the historic and scenic character of the area. The local committee proposed its set of implementing regulations and management plans for the DCPC, which the Cape Cod Commission endorsed in spring 2007. The Barnstable Town Council, however, did not adopt the implementing regulations, voting instead to approve zoning changes for the area.



## Open Space Planning

The Cape Cod Commission's natural resources specialist and its Geographic Information System (GIS) staff worked concertedly in Fiscal Year 2007 to complete an update of data on protected open space for the entire region. The information has been combined with several sensitive resource data layers to create a draft regional open space plan that will be available later in 2007 for public use as an interactive GIS tool on the Web (see the cover and inside front cover of this report).

The project expands the past work of the Commission's natural resources specialist to monitor and gather regional statistics on open space acquired by towns through the former Cape Cod Land Bank (and now through the Community Preservation Act). That database includes property descriptions, deed references, and photographs, and the compiled information is provided to the public on request. The data-gathering and verification effort also helps maintain the accuracy of the Commission's GIS data.

## **Pre-disaster Natural Hazards Mitigation Planning**

A Cape Cod Commission staff planner continued to help local communities and the region with pre-disaster mitigation plans focusing on natural hazards. (The planner also participated on the Barnstable County Regional Emergency Planning Committee, which focuses more closely on disaster response.) Working with the Cape Cod Chapter of the American Red Cross and the Commission's own Geographic Information System staff, the planner updated segments of the Cape Cod Emergency Preparedness Handbook, including a map of Red Cross emergency shelters (on the Web site: [www.capecodcommission.org/emergencyprehandbook/](http://www.capecodcommission.org/emergencyprehandbook/)).

The implementation strategies outlined in pre-disaster mitigation plans call for management and protection of known hazard areas. To support that need, the Cape Cod Commission joined the Woods Hole Oceanographic Institution Sea Grant program as partners on a new grant from the National Sea Grant Law Center. The one-year project will integrate science, law, and policy with an analysis of floodplain management that will contribute to a national model bylaw for floodplain areas and will help local communities manage their own hazard areas. The grant partners organized a well-attended workshop for local officials in April 2007 to initiate the project.

The keynote speaker was national consultant and attorney Ed Thomas (shown at right), who made a presentation on protecting public interests and private property rights with an effective coastal floodplain bylaw.



## **Solid Waste Disposal Planning**

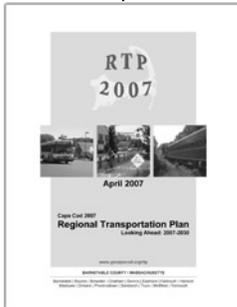
The Cape Cod Commission's solid waste specialist initiated and organized a regional effort with all Cape towns to evaluate long-term solid waste disposal options. One goal of the evaluation is to prepare for the possible re-negotiation of municipal contracts with the SEMASS waste-to-energy facility in Rochester, Massachusetts, before current contracts expire (generally 2015). Another goal is to explore feasible alternatives to SEMASS for solid waste disposal.

The specialist made presentations at each Cape town and developed a work outline, which he sent to all Cape boards of selectmen and town managers in spring 2007. Each town then nominated a representative to a contract committee that was formally appointed by the Barnstable County Commissioners in early summer 2007. By the end of the fiscal year, the Commission's solid waste specialist had begun researching and compiling a comprehensive "Phase I" report that begins analyzing waste disposal options. The report will be shared and discussed with the contract committee and Cape municipalities beginning in fall 2007.



## Transportation Planning

The Cape Cod Commission continued to support the work of the Cape Cod Metropolitan Planning Organization (MPO), which is responsible for guiding transportation planning on Cape Cod and for allocating federal transportation funds. In March, the MPO completed the four-year update to the Cape Cod Regional Transportation Plan. The Commission's transportation staff had the lead role in the plan's development, including holding meetings and workshops, identifying long-range transportation needs, and evaluating alternatives.



The Commission also supported the MPO with the development of the annual Unified Planning Work Program, which identifies transportation planning activities on Cape Cod, and the Transportation Improvement Program, which is the short-range list of projects expected to receive federal transportation funds. The Commission also updated the Public Participation Plan, which sets a strategy for outreach in the development of transportation plans.

As a result of these efforts, approximately \$61 million of local and regional transportation projects were eligible for funding for Federal Fiscal Years 2007–2010. Projects advertised for construction between July 1, 2006, and June 30, 2007, included the reconstruction of Swan River Road in Dennis (\$2.3 million), improvements to the intersection of Route 28 and Finlay Road in Orleans (\$590,000), and improvements at Town Hall Square in Sandwich (\$600,000). The most notable construction started during the period was the widening of Route 132 (left) in Barnstable. This multi-year, \$10-million project will create a four-lane boulevard between Route 6 and Phinney's Lane.

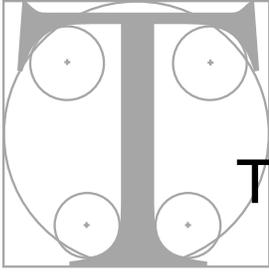


## Wastewater Management Planning

The Cape Cod Commission's water resources department provides assistance with wastewater assessment, planning, and regulations. The department supports regional and state efforts and works with Cape towns to develop and implement local wastewater management strategies.

The Commission's water staff participated in the Cape Cod Water Protection Collaborative and coordinated the meetings of the collaborative's Technical Advisory Committee. Assistance this year included input on the scope of a regional wastewater management plan and future groundwater modeling efforts. In cooperation with the collaborative and its committees, the Commission's staff also prepared and submitted a \$1.5-million grant application for the US Environmental Protection Agency (EPA) Targeted Watershed program in November 2006. News on the status of the application was expected by the end of summer 2007.

Eleven Cape Cod communities are currently working on comprehensive wastewater management plans. This year, the Commission's staff worked most actively with the towns of Barnstable, Bourne (Buzards Bay), Orleans, and Provincetown on their wastewater facilities planning efforts. The towns of Chatham, Dennis, Eastham, Falmouth, Harwich, Mashpee, and Yarmouth are also engaged in comprehensive wastewater planning.



## Technical Assistance

### Affordable Housing

The Cape Cod Commission continued to coordinate affordable housing programs through the Barnstable County HOME Consortium. The HOME Consortium's allocation of HOME funds for this fiscal year was \$717,618 (contributing to a total of more than \$9.4 million since 1994). These funds supported the creation of affordable rental housing for very low- and low-income families and individuals, expanded homeownership opportunities for low-income home buyers, provided home repair assistance to low-income homeowners, and supported housing initiatives undertaken by the consortium's designated non-profit "community housing development organizations."

The Housing Development Program of the HOME Consortium saw the completion of two projects this year (Lake Street, Chatham, at right; and East Ridge, Falmouth, not shown) that created a total of 53 affordable units. In addition, the consortium made commitments of \$700,000 to five projects that will create an additional 94 affordable units. The Down Payment/Closing Cost Assistance Program made 31 loans totaling \$204,793, and the Homeowner Repair Program made 14 loans totaling \$134,900.

The Cape Cod Commission's Soft Second Loan Program assisted 20 homeowners with loans this year. The program expands a purchaser's buying power by approximately 25 percent by reducing loan costs and

interest rates and subsidizing the interest payment on the "soft second" portion of the mortgage for the first 10 years of ownership.

The Commission continued to coordinate the Affordable Housing Technical Assistance Program, which several times a year (as funds allow) makes \$3,000 to \$5,000 awards to towns, local housing authorities, and nonprofit organizations as "seed money" for affordable housing planning and development. The Commission made seven awards totaling \$26,500 to three towns, two housing authorities, and two nonprofit organizations this year.



The Commission sponsored or cosponsored several workshops on affordable housing topics this year (see the Training and Workshops section of this report). These well-attended sessions brought in state officials and local and regional experts to help town boards and staff, local housing activists, and nonprofit and for-profit developers involved with affordable housing development on the Cape.

The Commission's affordable housing specialist also updated "An Inventory of Comprehensive Permits (Chapter 40B Developments) in Barnstable County" this year. It is in the Resources section of the Commission's Affordable Housing Program Web site: [www.capecodcommission.org/housing/](http://www.capecodcommission.org/housing/)

## Economic Development

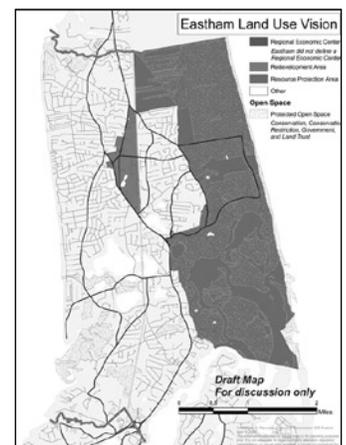
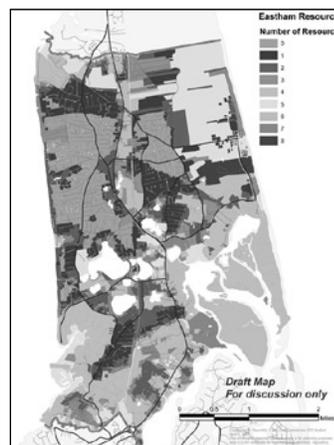
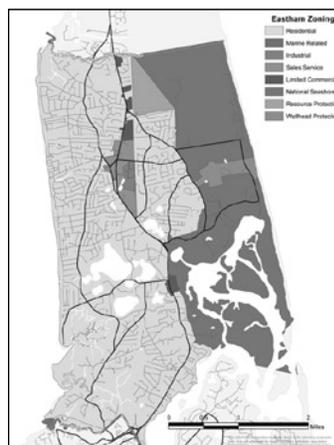
The 2006 session of the Massachusetts legislature established funding for regional planning agencies, including the Cape Cod Commission, to provide technical assistance to local governments upon request. The towns of Barnstable, Bourne, Eastham, Falmouth, and Sandwich have requested assistance from the Commission under this program and projects are under way or in discussion. The state legislature also provided funding to regional planning agencies to develop a model for expediting local development permitting processes. The Commission's economic development officer is coordinating the agency's participation in four elements of the project: (1) a survey of towns about their current permitting processes (completed by the end of Fiscal Year 2007); (2) a focus group on current permitting processes (to be held in July 2007); (3) the design of a permitting model for towns (under way); and (4) the dissemination of the statewide model (pending completion of the model).

The Commission's economic development officer continued to support economic and business development through local boards and regional organizations,

serving on the infrastructure committee of the Cape Cod Technology Council, on the board of directors of the Arts Foundation of Cape Cod, as the chair of the economic development committee of the Lower Cape Community Development Corporation, and on the Cape Cod Economic Development Council. Tourism activities that highlight the Cape's heritage and natural environment are part of that continuing effort. The Commission's staff also provided economic and demographic data to the public, the press, and town officials.

## Geographic Information System

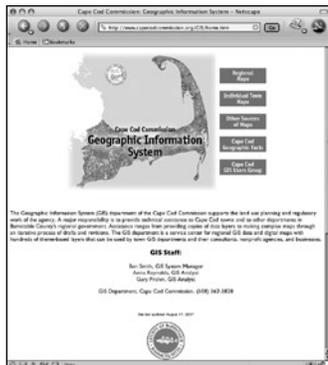
This year the Cape Cod Commission initiated work on a comprehensive project to create a map that reflects the land use vision of each of the 15 towns in Barnstable County. The initiative is part of the agency's response to the recommendations of the 21st Century Task Force on the Cape Cod Commission. A multi-disciplined endeavor, the project requires data collection, revisions, and analysis by the Geographic Information System (GIS) and planning staff. Meetings with town staff and forums with town planning boards and



others have helped define the categories of land use and prepare draft maps expressing each town's vision. The work ultimately will provide not only a land use vision map for each town and for the entire region, but also more accurate GIS data for use with the Regional Policy Plan and for technical services offered to municipalities and other GIS users.

The Commission's GIS staff updated many data layers in its system for the land use mapping initiative, including zoning, well-head protection areas, endangered species habitat, and more. In addition, the staff updated digital data about protected open space for all 15 Cape towns as part of its work on a regional open space plan. The department also updated parcels/assessors data, this year completing an update for Harwich and beginning work on an update for Dennis. Many updates were completed jointly by town staff and Commission staff; other data were obtained from MassGIS or towns with their own GIS departments.

The Cape Cod Commission staff established a Web site for the GIS department this year ([www.capecodcommission.org/GIS/](http://www.capecodcommission.org/GIS/)) that offers regional and town maps, information about the geography of Barnstable County, and a description of the cartographic services that GIS can provide. The site and its services will be expanded in the future to allow any Web user to download Commission-maintained GIS data and have access to interactive maps, ultimately enabling users to construct custom maps online.



## Natural Resources/Open Space

The Commission's natural resources specialist provided technical assistance in several ways this year, helping with management of the Sandy Neck area of Barnstable and Sandwich and several projects that involved salt marsh restoration, and providing data and guidance to several Cape towns as they prepared open space and recreation plans. The specialist also continued to serve as an active member of the advisory board for the Barnstable County AmeriCorps Cape Cod program.

The Commission's natural resources, affordable housing, and historic preservation specialists all provided technical assistance to town committees this year as they implemented the Community Preservation Act (CPA). These staff members coordinated a quarterly roundtable forum on a variety of topics to which all town committee members were invited (see the Training and Workshops section of this report). To support the effort, the staff members began to develop a comprehensive database of all Cape town CPA-approved projects, similar to the open space database described previously, as a public resource and record of the program.

The Cape Cod Commission continued to coordinate Barnstable County's Cape Cod Pathways program. In fall 2006, an AmeriCorps member helped the Commission's Pathways efforts two days a week, coordinating a "Friends of Pathways" group to advise the program, revising the Cape Cod walking trail directory (which is ready for print and distribution), and coordinating local trail creation or maintenance projects with the AmeriCorps team. Other



Cape Cod Commission coordinated Pathways events this year included a successful Fall Walking Weekend, with 35 walks led by naturalists and others attracting 750 walkers during a four-day weekend; and, a first-ever Spring Walking Weekend, with 24 guided walks attracting a good turnout. It is hoped the spring weekend may be repeated as an annual or biennial event.

## Transportation

The Cape Cod Commission's transportation staff worked in a variety of ways to promote and support public transportation in the region. For example, the staff continued its work with Outer Cape communities, employers, the National Park Service, and the Cape Cod Regional Transit Authority (CCRTA) to implement the Flex transit bus service this year. Performance of the Flex exceeded expectations by carrying 50 percent more riders than projected by the Massachusetts Executive Office of Transportation and over 20 percent more than the Commission's strategic implementation plan target for the first year of the service.



Throughout the year, the Commission staff continued efforts to support the service and the Flex Working Group, monitoring the service's performance and making recommendations to improve it. Major changes

for 2007 include direct service to Provincetown, a more realistic schedule that is more reliable on days with traffic congestion, the ability to flag the bus down in certain areas along the fixed-route portion of the service, elimination of unproductive stops, and the extension of the route to the Harwich Star Market.

## Solid and Hazardous Waste Management

The Cape Cod Commission's solid waste specialist worked with the Massachusetts Department of Environmental Protection's Solid Waste Advisory Committee on a variety of state regulatory updates. He also served as Barnstable County's representative to the Council of SEMASS Communities on a variety of regional solid waste disposal issues.

The Commission's hazardous waste specialist provided a technical review of the Massachusetts Department of Environmental Protection's proposed regulations related to mercury products. She also helped promote local hazardous waste collection events this year.

Other Commission activities to support public transportation included:

- Coordination with the CCRTA of the installation of amenities for the Flex service, including benches and solar-powered signs at bus stops.
- Advancement of a bus-stop shelter program with the Cape Cod National Seashore.
- Promotion of the transit pass program with the CCRTA and MassRides, the commuter service.

- Development of a grant for a partnership program to coordinate public and private transportation providers. This grant was awarded to the CCRTA, and the Commission's staff is working with the CCRTA and Bridgewater State College to develop a vehicle-tracking system compatible with buses, ferries, and rail service. Another application has been made for a grant to expand this program, develop a long-range "Intelligent Transportation Plan," and implement a demonstration program.
- Development of a "white paper" on railroad issues to advise the state Executive Office of Transportation as that agency prepared a request for proposals (RFP) to lease the track rights on Cape Cod. The paper included addressing freight issues as well as providing the possibility for passenger service in the 10-year horizon for the lease.
- Development of grant proposals with the Cape Cod National Seashore to fund the replacement of the CCRTA shuttle buses and replacement of trams to provide access to Coast Guard Beach (in Eastham) from the Flex service, and to conduct a parking study for the Outer Cape seashore facilities that will move parking from fragile locations and provide shuttles.
- Work with the US Fish and Wildlife Service at the Monomoy National Wildlife Refuge (in Chatham) on a grant proposal to expand Flex services and develop solutions for their access issues.
- Coordinated efforts to subsidize bus service between Cape Cod and TF Green Airport in Rhode Island.

The Cape Cod Commission's transportation staff also supported efforts to advance the use of renewable fuels for transportation in the region. Working with the office of US Congressman William Delahunt, the staff helped form the Cape Cod Renewable Fuels Partnership to promote the use of renewable fuels and develop the required distribution infrastructure. The partnership asked Cape municipal officials to declare support for renewable fuels, convert gasoline fleets to ethanol-ready vehicles, and use biodiesel where appropriate. A strategic implementation plan has been outlined, a grant proposal submitted, and other funding proposals pursued. Barnstable County added biodiesel to its procurement list for bulk fuel and heating oil purchases by Cape towns. The CCRTA decided to convert its diesel bus fleet to biodiesel. The Commission's staff is working with the Cape Cod National Seashore to develop a satellite vehicle-maintenance facility for the CCRTA fleet on the Outer Cape, which may include a renewable-fuel fueling facility that is available to municipalities.





## Water Resources

The Cape Cod Commission’s water resources department is involved in many activities that reflect the complex nature of the region’s water resources and local, regional, and state management strategies for them. The department’s primary objective is to help the region develop and implement better and more innovative solutions for effective restoration, protection, and management of drinking water, freshwater ponds, and coastal estuaries. Activities during Fiscal Year 2007 addressed wastewater management (also described previously in the Planning section of this report), water quality, water supply, water levels, and public education and outreach.

**Wastewater Management –** The Commission’s water resources department provides technical assistance to many Cape towns pursuing wastewater planning and serves as a liaison between towns and the Massachusetts Department of Environmental Protection (DEP). The Commission’s staff continued to work this year under a grant from the US Environmental Protection Agency on a regional wastewater management project. For the project, the Commission and its partners, the DEP, the Association to Preserve Cape Cod, and the Cape Cod Water Protection Collaborative, organized a conference in November 2006 on “Restoring Coastal Water Quality: Implementation of Total Maximum Daily Loads (TMDLs).” Speakers reported on county- and state-funded regional and local activities and other programs. More than 160 people attended (photo to right). The Commission arranged to have a professional video recording of the conference



broadcast on all Cape public access television channels, and the conference presentations remain available on the Web ([www.capecodcommission.org/water/](http://www.capecodcommission.org/water/)). The Commission’s water staff also continued to manage a \$30,000 “Wastewater Management Options for Freshwater Ponds” project for Harwich and a \$55,000 “Outer Cape Water Management” project for Eastham and Wellfleet.

**Water Quality: Estuaries –** The Commission’s water resources department continued to serve as the technical lead in the land use/nitrogen-loading assessments contributing to the “linked watershed model” used in the Massachusetts Estuaries Project (MEP). This year the staff completed nine models that incorporate all nitrogen loads and attenuation factors within the respective watersheds. The models are included in the nitrogen management threshold reports that the project’s technical team delivers to the state DEP. The reports provide the scientific basis for TMDL limits being developed by the state as required for impaired estuaries under the federal Clean Water Act. The TMDL limits provide a regulatory standard for watershed-based wastewater planning.

**Water Quality: Ponds and Lakes –** The successful Cape Cod Pond and Lake Stewardship (PALS) project, coordinated by the Cape Cod Commission’s water staff, continued to address the concerns of citizens and municipal officials about pond and lake water quality across the Cape. The sixth annual water quality “snapshot,”

conducted in late summer and early fall 2006, coordinated citizen volunteers who took 400 samples from 136 ponds and lakes. The School of Marine Science and Technology at the University of Massachusetts–Dartmouth again this year analyzed the samples in their laboratories without charge; the analysis has an estimated value of \$100 per sample.

The Commission's water staff also continued to work on the county-funded \$75,000 freshwater ponds pilot assistance project, compiling more than three years of volunteer-collected data into a regionally consistent format that allows trends to be interpreted for ponds in Brewster, Dennis, Eastham, Harwich, and Orleans. Staff members continued to coordinate the restoration and management of the water quality of Long Pond in Brewster and Harwich, the Cape's second largest pond, and completed a water quality assessment of Mystic Lake, Middle Pond, and Hamblin Pond in Barnstable. In addition, the Town of Barnstable contracted with the Cape Cod Commission to conduct a \$50,000 town-wide survey of freshwater ponds and prepare a more-detailed report on Lake Wequaquet. The Commission's staff also produced a series of bathymetric maps of freshwater ponds in Brewster, Dennis, Eastham, and Orleans using depth measurements taken by citizen volunteers.

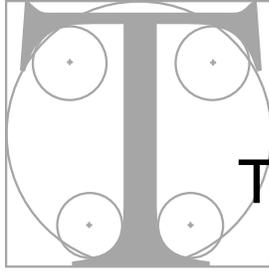
**Water Supply and Cleanup** – The Cape Cod Commission's water staff continued to participate in the Impact Area Groundwater Study of Camp Edwards and the Plume Clean Up Team at the Massachusetts Military Reservation and to manage the groundwater clean up activities at the Barnstable County Fire Training Academy. This year required the implementation of

an immediate response action plan at the academy when perchlorate from road and marine rocket flares contaminated the groundwater. The response included installation of a pump-and-treat system to capture the plume and maintenance of an oxidation injection system to clean residual contamination in soils.

**Groundwater Levels** – The Commission's water staff continued to monitor the US Geological Survey (USGS) water level network this year, measuring 60 groundwater wells each month. Water-level data from the wells are published for septic-system engineering and design and for planning that relies on water-table elevations. Data are available on the Commission's and the USGS Web sites.

**Outreach/Education** – The Cape Cod Commission's water staff continued to coordinate the Cape Cod Groundwater water Guardian Team. Activities include pursuing stormwater education and outreach to municipalities ("Project Storm"; photo to right) and supervising and training AmeriCorps Cape Cod members to plan and conduct water festivals at many Cape schools. The Commission's water staff also participated in the county-funded wastewater public information project ("CapeKeepers").





# Training and Workshops

The Cape Cod Commission sponsored or cosponsored the following training sessions, workshops, roundtable meetings,

users groups, conferences, and field trips during Fiscal Year 2007 for Cape municipal officials and staff:

Topic	Type of Event	Date	Name of Event
Affordable housing	Citizen Planner Training Collaborative Workshop	10/19/06	Planned Production and Chapter 40B
	Workshop	11/14/06	Local Initiative Program
	Workshop	4/12/07	Balancing Affordable Housing and Small-scale Development
Affordable housing and open space	Workshop	6/20/07	Affordable Housing and Open Space: Creative Partnerships for Success
Community Preservation Act  (affordable housing, open space, and historic preservation)	Roundtable	9/19/06, 1/16/07, and 3/6/07	Regional Community Preservation Act Roundtable
	Roundtable	11/16/06	Preparing a Community Preservation Plan, with guest presenter Stuart Saginor, executive director of the Community Preservation Coalition
	Workshop	11/29/06	Historic Preservation Standards for CPA Projects
Historic preservation	Conference	4/28/07	Tools for Preventing Teardowns of Historic Structures
Geographic Information System (GIS)	Users Group (training and support for municipal GIS staff and others)	12/12/06, 4/12/07, and 5/2/07	Cape GIS Users Group meetings
	Municipal staff training	12/13/06	Training in use of Pictometry software
Hazard mitigation planning	Workshop	4/25/07	No Adverse Impact/Do No Harm: Principles and Protections for Coastal Hazards Zones and Floodplain Management
Regulation and legal issues	Citizen Planner Training Collaborative Workshop	11/2/06	Vested Rights and Nonconforming Uses and Structures
	Workshop	11/9/06	Fundamentals of Decision Writing
Water resources	Field trip	10/26/06	Stormwater Research Facility
	Conference	11/16/06	Restoring and Protecting Cape Cod's Coastal Waters
	Workshop	11/16/06	Reuse of Water (part of the "Green Home" series held by the Waquoit Bay National Estuarine Research Reserve)

# R Regulatory Activities

## Changes to Regulations

Among its regulatory activities in Fiscal Year 2007, the Cape Cod Commission worked to update the Regional Policy Plan (RPP), closely reviewing the goals and minimum performance standards that govern developments. The Commission's response to the recommendations of the 21st Century Task Force and the priorities identified by the Barnstable County Commissioners will mean changes to the regulatory section of the RPP and to the agency's Enabling Regulations in the coming year. Some of the proposed changes include:

- revised Development of Regional Impact (DRI) thresholds for review of commercial projects in certain districts identified in the regional land-use map initiative (described in the Planning and Technical Assistance sections of this report);
- streamlined regulatory reviews of projects through a new "Limited DRI Review" process;
- stronger consideration of economic development issues (particularly favoring the creation of livable wage jobs) when weighing the benefits and detriments of proposed DRIs; and
- new mitigation options that may increase the speed of DRI reviews and increase the predictability of costs for developers.

## Growth Incentive Zones

The Cape Cod Commission also worked closely this year with Yarmouth's planning and community development staff and municipal boards to advance the town's proposal for a Growth Incentive Zone (GIZ) along the 5.2-mile Route 28 corridor in that town. By year end, the Cape Cod Commission's review was nearly complete. When approved, changes in DRI thresholds for hotel/motel properties within the Growth Incentive Zone will allow the properties to be renovated or converted to residential units or mixed-use developments with less regulatory involvement by the Cape Cod Commission.

The proposed zone is only the second on Cape Cod. The first, the Downtown Hyannis Growth Incentive Zone (photo below), was approved by the Cape Cod Commission in April 2006. The Hyannis GIZ has encouraged revitalization and redevelopment, and it is estimated that more than \$25 million has been reinvested so far in that area.



## Developments of Regional Impact

The Cape Cod Commission considered more than 40 Development of Regional Impact (DRI) proposals this year, including industrial parks, transportation facilities, commercial and residential subdivisions, historic residences, utility services, municipal facilities, telecommunications towers, new

or expanded retail and mixed-use developments, and redevelopment projects. During Fiscal Year 2007, the Commission also finalized the following decisions (presented in chronological order, based on the date of the full board's vote on the decision):

### Development of Regional Impact (DRI) Decisions in Fiscal Year 2007

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**Project:** Habib Historic Residence, 43 Holway Street, Chatham  
**Description:** Alteration and expansion of a contributing property listed on the Massachusetts and National Registers of Historic Places  
**CCC Decision:** DRI – APPROVED – 7/13/06  
**Example Conditions or Mitigation:** Height of proposed tower addition reduced; key character-defining features preserved

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**Project:** Falmouth DPW Communications Tower, 416 Gifford Street, Falmouth  
**Description:** Construction of an 80-ft. tall lattice-style communications tower at the town DPW operations/maintenance facility  
**CCC Decision:** DRI Exemption – APPROVED – 7/13/06  
**Example Conditions or Mitigation:** (none)

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**Project:** CanalSide Commons, off Bourne Rotary and Sandwich Road, Bourne  
**Description:** Construction of mixed-use development on 153 acres, with 78,500-sq.ft. retail space and a 6,500-sq.ft. restaurant (the additional proposed Chapter 40B portion of the project is not regulated by the Cape Cod Commission)  
**CCC Decision:** DRI – APPROVED – 7/27/06  
**Example Conditions or Mitigation:** 93 acres of open space to be protected on site; construction of bypass road; installation of signals at the adjacent high school; crosswalks at Barlow's Landing and Shore roads; Otis Rotary signs and pavement markings; \$104,500 mitigation; two additional acres of land removed from future development to reduce traffic impacts

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**Project:** KeySpan Sagamore Line Reinforcement Project, through Sandwich, Barnstable, Yarmouth, Dennis, and Harwich  
**Description:** Construction of 13.1 miles of a new high-pressure gas distribution pipeline. Phase I (Yarmouth segment) denied on safety concerns; consideration of an alternate route encouraged.  
**CCC Decision:** DRI – DENIED for Phase I – 8/10/06  
**Example Conditions or Mitigation:** (none)

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**Project:** Dunkin' Donuts/Retail Development, corner of Routes 28 and 134, West Dennis  
**Description:** Replacement of book store/real estate office with a 2,050-sq.ft. Dunkin' Donuts and a 1,500-sq.ft. retail space  
**CCC Decision:** Hardship Exemption (reviewed only for transportation impacts) – APPROVED – 10/05/06  
**Example Conditions or Mitigation:** Redesign (but not construction) of intersection improvements for Route 28/Route 134/Swan River Road (valued at \$100,000); no restaurants, convenience stores, or businesses that could result in 500+ daily trips will be allowed in the 1,500-sq.ft. retail space

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**Project:** Camp Good News Subdivision, off Forestdale Road/Route 130, Sandwich  
**Description:** Subdivision of a 216-acre parcel into four lots (2.6 acres, 2.1 acres, 2.3 acres, and 209 acres)  
**CCC Decision:** DRI Exemption – APPROVED – 10/20/06  
**Example Conditions or Mitigation:** (none)

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**Project:** Hezekiah Coleman House, 756 Main Street, Cotuit (Barnstable)  
**Description:** Substantial alteration and additions to contributing property listed on the Massachusetts and National Registers of Historic Places  
**CCC Decision:** DRI (reviewed only for historic preservation impacts) – APPROVED – 11/30/06  
**Example Conditions or Mitigation:** Conditions relate to historic roof, protection and reuse of historic portions of building, and retention of water views from the district

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**Project:** Supply New England/Kitchen & Bath Gallery, Aaron's Way (off Higgins Crowell Road and Willow Street), Yarmouth  
**Description:** Construction of two single-story buildings totaling 19,493 sq.ft. on two adjacent lots totaling 1.9 acres  
**CCC Decision:** Hardship Exemption – APPROVED – 11/30/06  
**Example Conditions or Mitigation:** \$25,000 contributed toward open space protection; no access off Willow Street; use of biofiltration system for stormwater; restricted storage of hazardous materials/waste

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**Project:** Jobs-Whiting Neighborhoods, Mashpee Commons  
**Description:** Commercial portion of the neighborhoods, which themselves are only a portion of the overall Mashpee Commons master plan; 40,900 sq.ft. of new commercial space in 22 mixed-use buildings on 6.38 acres  
**CCC Decision:** DRI – APPROVED – 12/14/06  
**Example Conditions or Mitigation:** Protection of 3.83 acres adjacent to Quashnet River; use of "credit" for trip-reduction and other mitigation (credit was given for the municipal sewer connections to Mashpee Commons' on-site septic facility and for the previous installation of traffic signals at Donna's Lane)

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**Project:** Barnstable Municipal Airport Improvement/Terminal Project, Hyannis (Barnstable/Yarmouth)  
**Description:** Construction of a new airport terminal (52,000-sq.ft. new terminal to replace 22,930 sq.ft. existing terminal) and associated development on 623 acres  
**CCC Decision:** DRI – APPROVED – 01/25/07  
**Example Conditions or Mitigation:** New access road from Attucks Lane; funding for entire project must be secured before start of roadwork; water quality in Upper Gate and Lewis ponds to be monitored; limit on hazardous materials/waste on entire site; stormwater management with bioretention facilities

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**Project:** Cape Cod Aggregates/BJ's ANR DRI Modification, Attucks Lane, Hyannis (Barnstable)  
**Description:** Subdivision of a 15.78-acre parcel into two lots; one (11.66 acres) has the BJ's facility, the other (4.12 acres) is vacant.  
**CCC Decision:** Major modification – APPROVED – 05/17/07  
**Example Conditions or Mitigation:** Modifications to two previously approved DRIs (Cape Cod Aggregates, May 1998; and BJ's Wholesale Club, April 2003) to ensure aligned four-way intersection and to prohibit creation of any new access driveway

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# Fiscal Year 2007 • Services to Towns

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## **BARNSTABLE**

### *Affordable Housing*

- Through the Barnstable County HOME Consortium, provided \$300,000 in HOME Consortium funds for two rental projects that will create 40 affordable rental units for families and seniors.
- Also through the HOME Consortium, provided one down payment, four homeownership rehabilitation/repair, and one Soft Second Program loans to Barnstable households.
- Provided technical comments on two Chapter 40B projects known as the West Barnstable Communities.

### *Economic Development*

- Provided technical assistance in drafting a business survey designed to better understand the current business climate within the Downtown Hyannis Growth Incentive Zone, which the Cape Cod Commission approved in 2006. Also provided assistance with regional planning and transportation issues under a state-funded local technical assistance program (see the Transportation section that follows).

### *Geographic Information System*

- Prepared a map of fire hazard areas for the West Barnstable Fire Department to use in two grant proposals.
- Provided technical support for the Barnstable Police Department's use of Pictometry software.
- Prepared maps of the groundwater monitoring wells at the Barnstable County Fire Training Academy.

### *Planning*

- Assisted the local committee (municipal staff and board members and property owners) in developing a set of implementing regulations for the Pond Village District of Critical Planning Concern. Although the Barnstable Town Council did not adopt the implementing regulations, the town did approve zoning changes for the area in spring 2007.

### *Regulatory*

- Continued to coordinate with and provide assistance to Barnstable municipal staff as the town implements the Downtown Hyannis Growth Incentive Zone.
- Approved Development of Regional Impact (DRI) applications for the Barnstable Municipal Airport Improvements/Terminal Project, Cape Cod Aggregates/BJ's ANR, and the Hezekiah Coleman House projects, and approved the change-of-use application for the Shallow Pond Center (formerly Rainbow Motel). Continued to review other DRI proposals, including the proposed Atlantis Development Supermarket, the Barnstable Wastewater Facilities Plan, the Circuit City Redevelopment project, and the now-withdrawn Whelan Historic Residence project.
- Submitted a comment letter to the Massachusetts Environmental Policy Act (MEPA) office on the Final Environmental Impact Report for the Atlantis Development Supermarket (Stop & Shop) project.
- Submitted technical comments to the MEPA office on the Draft Environmental Impact Report/Notice of Project change for the Barnstable Wastewater Facilities Plan project in October 2006, and submitted a comment letter on the Final Environmental Impact Report in March 2007.

### *Transportation*

- Performed roadway and intersection traffic counts at 57 locations in summer 2006. The Commission and its predecessor agency have performed a total of 576 counts at 174 unique locations in Barnstable since 1984.
- Continued to participate in the Hyannis Access Study. Working with the Massachusetts Executive Office of Transportation, provided data and served as a member of the advisory group to identify alternatives to improve access to downtown Hyannis.
- Under a state-funded technical assistance program, conducted traffic counts along a main arterial

within the gateway district to downtown Hyannis; the counts will provide a baseline for performance standards for permits within the district, which is part of the Downtown Hyannis Growth Incentive Zone.

- Provided \$200,000 of Development of Regional Impact (DRI) mitigation funds toward the landscape design of Route 132.
- Provided \$89,000 in DRI mitigation funds toward the design of a bicycle/pedestrian path and the town's oversight of Route 132 construction.
- Began work with MassHighway and the Cape Cod Regional Transit Authority to develop solutions to overcrowding at the Route 132 Park and Ride lot.

#### **Water Resources**

- Provided continued assistance with Barnstable Comprehensive Wastewater Management Planning.
- Assisted the Massachusetts Department of Environmental Protection (DEP) with the release of the Massachusetts Estuaries Project (MEP) technical report on the Centerville River. Helped coordinate the MEP pilot implementation project for Popponesset Bay. Contributed to the MEP technical report on Rushy Marsh. Participated in the town briefing

on the MEP technical report for the Three Bays estuary and began work for the pilot implementation project. Developed MEP watershed, land use, and nitrogen loading information for the technical report on Lewis Bay.

- Conducted a water quality assessment of Lake Wequaquet and reviewed all available water quality data on Barnstable ponds.
- Coordinated water quality "snapshots" (53 samples) and analyses of Barnstable ponds and lakes, including Bearses, Bog, Eagle, Hamblin, Hinckley, Joshua's, Lewis, Little Parker, Long, Lovell's, Michas, Middle, Mill, Neck, Parker, and Stoney ponds, and Crystal, Mystic, and Wequaquet lakes.
- Developed and implemented a remedial action and immediate response plan for groundwater clean-up at the Barnstable County Fire Training Academy.
- Monitored groundwater levels in 10 US Geological Survey observation wells each month.
- Organized water education festivals for students in the Cotuit Elementary, Centerville, and Horace Mann schools.

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## **BOURNE**

#### **Affordable Housing**

- Through the Barnstable County HOME Consortium, provided \$300,000 in HOME funds for two projects that will create 28 affordable family rental units and 22 affordable ownership units.
- Also through the HOME Consortium, provided three down payment and three Soft Second Program loans to Bourne households this fiscal year.
- Provided a \$5,000 Technical Assistance Program (TAP) award to the Bourne VFW to conduct financial feasibility and engineering analyses for creating affordable rental housing on the VFW property.
- Distributed \$123,500 (\$95,000 as loan) in Development of Regional Impact (DRI) mitigation funds to the Bourne Housing Authority this year for development of its 73 Adams Street/Sagamore project.

#### **Economic Development**

- At the town's request, started to develop a scope of work under a state-funded technical assistance program for expediting local development permitting.
- Participated on the steering committee that developed a Regional Technology Development Center, which is now in operation.

#### **Geographic Information System (GIS)**

- Prepared a map of businesses for the Bourne Financial Development Corporation, and updated digital data about the holdings of the Bourne Land Trust.

#### **Planning**

- Continued to support the Town of Bourne's initiatives to revitalize Buzzards Bay. In late October 2006, the town received a "Smart Growth Technical Assistance Grant" of \$30,000 from the Massachusetts Executive Office of Energy and Environmental Affairs. The grant will help the town acquire the professional services of a consultant for flood hazard mitigation and architectural design to assist with the planning and redevelopment of historic Main Street, Buzzards Bay. The Commission staff helped prepare the grant application, helped develop the Request for Proposals, provided Geographic Information System support, and participated in the interviews and selection process for the consultant.
- Continued to work with the Bourne Local Comprehensive Plan (LCP) Committee this year to fine tune the town's first LCP for certification as consistent with the Cape Cod Regional Policy Plan. The goal is to have the plan certified by November 2007.

#### **Regulatory**

- Approved the Development of Regional Impact (DRI) application for the commercial portion of the Canal-Side Commons project and provided technical comments on the Chapter 40B portion of the proposal.

#### **Transportation**

- Performed roadway and intersection traffic counts at eight locations in Bourne in summer 2006. The

Commission and its predecessor agency have performed a total of 282 counts at 68 unique locations in Bourne since 1984.

- Completed a traffic safety analysis of the Otis Rotary and identified alternatives to improve safety.
- Reviewed and provided comments on the Buzzards Bay local transportation plan.

#### **Waste Management**

- Worked with the staff of the Bourne Integrated Solid Waste Management Facility and the Massachusetts Department of Environmental Protection on an emergency work order to allow the Bourne facility temporarily to accept additional solid waste that normally

would have been sent to the SEMASS waste facility (in Rochester, Massachusetts) when that plant suspended operations temporarily due to a fire.

#### **Water Resources**

- Participated in the review and selection of consultants for the Buzzards Bay Comprehensive Waste-water Management Plan.
- Continued to coordinate water quality "snapshots" and analyses across the Cape, this year in Bourne analyzing samples from Red Brook Pond.
- Continued to participate in meetings of the Massachusetts Military Reservation Impact Area Review Team.

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## **BREWSTER**

#### **Affordable Housing**

- Through the Barnstable County HOME Consortium, provided one HOME Consortium down payment loan to a Brewster household.
- Provided technical comments on the White Rock Commons Chapter 40B development.

#### **Geographic Information System**

- Provided GIS assistance with open space for the town and the Brewster Land Trust, through The Compact of Cape Cod Conservation Trusts.
- Prepared a map of lands used for agriculture in Brewster.
- Provided technical support to Brewster's Information Technology Department for its use of Pictometry software.
- Prepared a map of shellfish beds at the request of the Brewster Natural Resources Department.

#### **Planning**

- Worked with graduate school students from the Boston University Historic Preservation Program to create an inventory of cultural landscapes.

#### **Transportation**

- Performed roadway and intersection traffic counts at three locations in summer 2006. The Commission and its predecessor agency have performed a total of 156 counts at 30 unique locations in Brewster since 1984.
- Provided \$2,250 of Development of Regional Impact (DRI) mitigation funds for OptiCom emitters (devices that allow emergency vehicles to gain priority passage through traffic signals) for Brewster ambulances.
- Began work with Bridgewater State College to develop a vehicle-tracking system for transit and other applications; the system is currently being tested with the Brewster Fire Department.

- Coordinated the Flex Working Group to monitor, update, and expand the transit bus service for Lower/Outer Cape.

#### **Waste Management**

- Met with the town manager and the Department of Public Works director to brainstorm ideas to increase recycling in Brewster.

#### **Water Resources**

- Provided technical comments on the draft Massachusetts Estuaries Project (MEP) standards proposed by the state Department of Environmental Protection for Pleasant Bay's Total Maximum Daily Load (TMDL) for nitrogen, then provided assistance with the pilot implementation project in coordination with the Pleasant Bay Alliance. Developed the MEP watershed/land use/nitrogen-loading information for the technical report on Namskaket Marsh (Brewster and Orleans).
- Coordinated water quality "snapshots" (55 samples) and analyses of Blueberry, Canoe, Cliff, Cobbs, Eel, Elbow, Flax, Griffiths, Higgins, Little Cliff, Long, Lower Mill, Myricks, Owl, Pine, Schoolhouse, Seymour, Sheep, Slough, Upper Mill, and Walker's ponds.
- Reviewed water quality data for selected ponds and prepared a report for the town.
- Continued to provide support for the management of Long Pond water quality, including a review of local regulations to better protect pond water quality, and coordination with Brewster and Harwich conservation commissions for the application of alum. The Commission also provided \$10,000 toward the cost of the alum treatment.
- Monitored groundwater levels in three US Geological Survey observation wells each month.

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## CHATHAM

### *Affordable Housing*

- Provided a \$3,500 Technical Assistance Program (TAP) award to the town to prepare a housing needs survey.
- Provided technical comments on the Main Street Village Chapter 40B development.

### *Geographic Information System*

- Processed Global Positioning System (GPS) points into Geographic Information System (GIS) data for the Harbor Management Plan.
- Provided assistance with GIS digitizing.

### *Regulatory*

- Approved a Development of Regional Impact (DRI) application for the Habib Historic Residence, and continued to review the Chatham Wastewater Plan.

### *Transportation*

- Performed roadway and intersection traffic counts at six locations in summer 2006. The Commission and its predecessor agency have performed a total of 199 counts at 53 unique locations in Chatham since 1984.
- Continued to assist Chatham officials to develop conceptual improvements at selected locations on Route 28.

- Worked with town officials and the Monomoy Wildlife Refuge to expand the Flex transit bus service.

### *Water Resources*

- Provided technical comments on the draft Massachusetts Estuaries Project (MEP) standards proposed by the Department of Environmental Protection for Pleasant Bay's Total Maximum Daily Load (TMDL) for nitrogen, then provided assistance with the pilot implementation project in coordination with the Pleasant Bay Alliance. Developed the MEP watershed, land use, and nitrogen loading information for Sulfur Springs/Cockle Cove, Taylors Pond, and Stage Harbor.
- Coordinated water quality "snapshots" (46 samples) and analyses of Barclay's, Black, Blue, Emery, Goose, Mary's, Mill, Minister, Pickerel, Schoolhouse, Ryder's, Stillwater, Trout, and White ponds, and Lover's Lake.
- Reviewed water quality data for selected ponds and prepared a report for the town.
- Monitored groundwater levels in a US Geological Survey observation well each month.
- Organized a water education festival for students in the Chatham Middle School.

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## DENNIS

### *Affordable Housing*

- Through the Barnstable County HOME Consortium, provided one HOME Consortium down payment loan to a Dennis household.

### *Geographic Information System*

- Updated digital data for the Dennis Land Trust's holdings.
- Updated Dennis parcels data, matching them to aerial photos for improved geographic accuracy.

### *Planning*

- Worked with graduate school students from the Boston University Historic Preservation Program to create an inventory of cultural landscapes.

### *Regulatory*

- Denied the Development of Regional Impact (DRI) application for the KeySpan Sagamore Line Reinforcement Project, and approved the Hardship Exemption application for the Dunkin' Donuts/Retail Development in West Dennis.

### *Transportation*

- Performed roadway and intersection traffic counts at 16 locations in summer 2006. The Commission and its predecessor agency have performed a total of 288 counts at 83 unique locations in Dennis since 1984.
- Advanced the design of Route 28 and Route 134 intersection improvements through the Development of Regional Impact (DRI) review process.
- Committed \$20,630 of DRI mitigation funds toward the preliminary design of the proposed extension to the Cape Cod Rail Trail.

### *Water Resources*

- Reviewed water quality data for selected ponds and prepared a report for the town.
- Coordinated water quality "snapshots" (45 samples) and analyses of Baker, Cedar, Cole's, Eagle, Flax, Fresh, Hiram, North Simmons, Run, Scargo, and White ponds.
- Monitored groundwater levels in five US Geological Survey observation wells each month.
- Organized a water education festival for students in the Ezra Baker School.

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## **EASTHAM**

### ***Affordable Housing***

- Through the Barnstable County HOME Consortium, provided five HOME Consortium down payment loans to Eastham households.

### ***Economic Development***

- At the town's request, started to develop a scope of work under a state-funded local technical assistance program for expediting local development permitting.

### ***Geographic Information System***

- Digitized the pond bathymetry (depth profiles) of six ponds for Eastham's Natural Resources Department.

### ***Planning***

- Met several times with the Eastham committee to discuss the Local Comprehensive Plan update.

### ***Transportation***

- Performed roadway and intersection traffic counts at seven locations in summer 2006. The Commission and its predecessor agency have performed a total of 158

counts at 34 unique locations in Eastham since 1984.

- Coordinated the Flex Working Group to monitor, update, and expand the transit bus service for Lower/Outer Cape.

### ***Water Resources***

- Developed the Massachusetts Estuaries Project (MEP) watershed/land use/nitrogen-loading information for the technical report on Rock Harbor.
- Reviewed water quality data for selected ponds and prepared a report for the town.
- Coordinated water quality "snapshots" (23 samples) and analyses of Depot, Great, Herring, Jemima, Minister, Mols, Muddy, Schoolhouse, and Widow Harding ponds.
- Provided technical and planning support and participated in meetings about Eastham water supply.
- Monitored groundwater levels in two US Geological Survey observation wells each month.
- Organized a water education festival for students in Eastham and Wellfleet schools.

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## **FALMOUTH**

### ***Affordable Housing***

- Through the Barnstable County HOME Consortium, committed \$100,000 in HOME Consortium funds for a four-unit affordable homeownership project.
- Also through the consortium, provided seven down payment, four home rehabilitation/repair, and four Soft Second Program loans to Falmouth households.
- Provided technical comments on the Sunset Hills Chapter 40B development and the Forest Cove Chapter 40B development, and submitted technical comments to the Massachusetts Environmental Policy Act (MEPA) office on the Environmental Notification Form for the Chapter 40B Spring Bars Road project.

### ***Economic Development***

- At the town's request (under the state-funded local technical assistance program), developed a scope of work to analyze "district increment financing" as a way to revitalize East Main Street.
- Participated on the steering committee to develop a Regional Technology Development Center, which is now in operation.

### ***Geographic Information System***

- Trained town staff in the use of Pictometry software and provided an update of the software.
- Provided data for Woods Hole "visioning" activities.
- Provided watershed maps to be used on interpretive posters by FACES (Falmouth Association to Conserve Estuaries and Salt Marshes).

### ***Regulatory***

- Approved the Development of Regional Impact (DRI) Exemption application for the Falmouth DPW Communications Tower. Continued to review other DRI proposals, including the Industrial Tower and Wireless project on the Barnstable County Fairgrounds.

### ***Transportation***

- Performed roadway and intersection traffic counts at 19 locations in summer 2006. The Commission and its predecessor agency have performed a total of 395 counts at 126 unique locations in Falmouth since 1984.
- Working with state and local officials, advanced safety improvements along Route 28 in East Falmouth.
- Committed \$175,000 of DRI mitigation funds to install OptiCom emitters (devices that allow emergency vehicles to gain priority passage through traffic signals) at five intersections; installations are expected to be completed in late 2007.

### ***Waste Management***

- Met with a local waste hauler to discuss collection of recyclables and solid waste.

### ***Water Resources***

- Contributed to the technical report on Massachusetts Estuaries Project (MEP) study for West Falmouth Harbor in October 2006. Worked with the MEP team to prepare multiple scenarios for the harbor at the request of the Coalition for Buzzards Bay in March 2007.

- Participated in Massachusetts Military Reservation Impact Area Review Team meetings.
- Monitored groundwater levels in four US Geological Survey observation wells each month.
- Coordinated water quality “snapshots” (six samples) and analyses of Cedar Lake and Crocker and Trout ponds.

- Presented a workshop on the reuse of water for the Waquoit Bay National Estuarine Research Reserve’s “Green Home” series.

## **HARWICH**

### ***Affordable Housing***

- Provided a \$5,000 Technical Assistance Program (TAP) award to the Lower Cape Cod Community Development Corporation for a development consultant for a project with the Portuguese Men’s Club.
- Through the Barnstable County HOME Consortium, provided one down payment and one Soft Second Program loans to Harwich households.

### ***Geographic Information System***

- Updated Harwich parcels data, matching them to aerial photos for improved geographic accuracy.
- Prepared a map of Harwich Land Trust properties.
- Prepared tax-title map numbering for The Cape Cod Compact of Conservation Trusts.

### ***Planning***

- Worked with graduate school students from the Boston University Historic Preservation Program to create an inventory of cultural landscapes.

### ***Regulatory***

- Accepted a discretionary referral from the town for a Development of Regional Impact (DRI) review of the proposed Monomoy Landing project, which the applicants have since withdrawn.

### ***Transportation***

- Performed roadway and intersection traffic counts at 12 locations in summer 2006. The Commission and its predecessor agency have performed a total of 269 counts at 50 unique locations in Harwich since 1984.
- Established a remote data-collection link to the

continuous traffic-counting station at the intersection of Routes 137 and 39.

- Coordinated the Flex Working Group to monitor, update, and expand the transit bus service for Lower/Outer Cape.
- Provided \$66,445 in Development of Regional Impact (DRI) mitigation funds for the design of Route 124/Queen Anne Road intersection improvements.

### ***Water Resources***

- Provided technical comments on the draft Massachusetts Estuaries Project (MEP) standards proposed by the Department of Environmental Protection for Pleasant Bay’s Total Maximum Daily Load (TMDL) for nitrogen, then provided assistance with the pilot implementation project in coordination with the Pleasant Bay Alliance.
- Monitored groundwater levels in two US Geological Survey observation wells each month.
- Reviewed pond water quality data and delivered are report to Harwich in December 2006.
- Continued to provide support for the management of Long Pond water quality, including a review of local regulations to better protect pond water quality, and coordination with Brewster and Harwich conservation commissions for the application of alum. The Commission also provided \$10,000 toward the cost of the alum treatment.
- Coordinated water quality “snapshots” (26 samples) and analyses of Andrews, Aunt Edies, Bucks, Cornelius, Flax, Hawksnest, Hinckleys, John Joseph, Robbins, Sand, Skinequit, Walkers, and White ponds.

## **MASHPEE**

### ***Affordable Housing***

- Through the Barnstable County HOME Consortium, provided three down payment and four homeownership rehabilitation/repair loans to Mashpee households.
- Provided technical comments on the Mashpee Woods chapter 40B development.

### ***Economic Development***

- Participated on the steering committee to develop a Regional Technology Development Center, which is now in operation.

### ***Geographic Information System***

- Prepared a poster about the Cape Cod Emergency Preparedness Handbook and maps for a

Massachusetts GIS Day (November 15) display at Mashpee Town Hall.

- Provided digitization of the extent of Mashpee's "growth center."

#### **Regulatory**

- Submitted technical comments to the Massachusetts Environmental Policy Act (MEPA) office on the Environmental Notification Form for the Hamblin Pond Access Rehabilitation project.

- Approved a Development of Regional Impact (DRI) application for the Jobs-Whiting Neighborhoods in the Mashpee Commons development.

Continued to review other DRI proposals, including the Holland Mills Well and Pumping Station and the Mashpee Watershed Plan project.

#### **Transportation**

- Performed roadway and intersection traffic counts at 19 locations in summer 2006. The Commission and its predecessor agency have performed a total of 235 counts at 50 unique locations in Mashpee since 1984.
- Participated with state and local officials in a safety audit of Route 130 to identify ways to improve safety.

- Provided \$61,275 of Development of Regional Impact (DRI) mitigation funds toward the design of a bike path on Route 130.
- Provided \$4,900 in DRI mitigation funds toward the design of a bike path on Great Neck Road South and committed an additional \$129,940 of DRI mitigation funds for its construction.
- Committed \$14,680 of DRI mitigation funds to install OptiCom emitters (devices that allow emergency vehicles to gain priority passage through traffic signals) at the intersection of Route 151 and Old Barnstable Road.

#### **Water Resources**

- Monitored groundwater levels in three US Geological Survey observation wells each month.
- Coordinated water quality "snapshots" (20 samples) and analyses of Ashumet, Johns, Moody, Santuit, and Wakeby ponds and Mashpee Lake.
- Participated in Massachusetts Military Reservation Impact Area Review Team meetings.
- Helped coordinate the Massachusetts Estuaries Project pilot implementation project for Popponeset Bay and supported work for the Three Bays estuary.
- Organized a water education festival for students in the Quashnet School.

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## **ORLEANS**

#### **Geographic Information System**

- Digitized pond bathymetry (depth profiles) for town staff.

#### **Planning**

- Continued to provide assistance with a certification review of the town's update to its Local Comprehensive Plan (LCP).

#### **Transportation**

- Performed roadway and intersection traffic counts at five locations in summer 2006. The Commission and its predecessor agency have performed a total of 187 counts at 50 unique locations in Orleans since 1984.
- Completed a safety analysis and identified alternatives for improvement of the intersection of Routes 6A and 28 intersection.
- Worked with state and local officials to advance intersection improvements at Route 28 and Finlay Road.
- Committed \$23,250 in DRI mitigation funds for a study and construction of a crosswalk at West Road.
- Initiated the Orleans local transportation center study.
- Coordinated the Flex Working Group to monitor, update, and expand the transit bus service for Lower/Outer Cape.

#### **Water Resources**

- Provided technical comments on the draft Massachusetts Estuaries Project (MEP) standards proposed by the Department of Environmental Protection for Pleasant Bay's Total Maximum Daily Load (TMDL) for nitrogen, then provided assistance with the pilot implementation project in coordination with the Pleasant Bay Alliance. Developed MEP watershed/land use/nitrogen-loading information for the technical reports for Rock Harbor (Orleans and Eastham), Namskaket Marsh (Brewster and Orleans), and Little Namskaket Marsh (Orleans).
- Reviewed the scope of the Orleans Comprehensive Wastewater Management Plan.
- Monitored groundwater levels in three US Geological Survey observation wells each month.
- Reviewed water quality data for selected ponds and prepared a report for the town; the draft report was submitted to the Orleans Water Quality Task Force in May 2007 and presented to the Orleans Board of Selectmen in June 2007.
- Coordinated water quality "snapshots" (84 samples) and analyses of Bakers, Bolands, Cedar, Critchetts, Deep, Gould, Ice House, Kettle, Pilgrim, Reubens, Sarah's, Shoal, Twinings, Uncle Harvey's, Uncle Israel's, Uncle Seth's, and Wash ponds, Findlay Road Bog, Meadow Bog, and Crystal Lake.

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## PROVINCETOWN

### *Affordable Housing*

- Through the Barnstable County HOME Consortium, provided one down payment loan to a Provincetown household.
- Provided a \$3,500 Technical Assistance Program (TAP) award for consultant outreach to promote rental housing creation through various zoning tools, and provided a \$3,000 TAP award to the Provincetown Housing Authority (PHA) for engineering analysis on a PHA-owned site.

### *Economic Development*

- Participated in a joint project with the Cape Cod Economic Development Council and Provincetown's Economic Development Committee to collect local indicators for a town economic development plan.

### *Geographic Information System*

- Prepared a map showing Provincetown Land Trust properties.

### *Planning*

- Continued to work with the Provincetown Planning Board on zoning bylaw updates.

### *Regulatory*

- Began a Development of Regional Impact (DRI) review of the proposed Provincetown Airport and Capital Improvements Plan project.

### *Transportation*

- Performed roadway and intersection traffic counts at five locations in summer 2006. The Commission and its predecessor agency have performed a total of 107 counts at 29 unique locations in Provincetown since 1984.
- Worked with town officials to develop and construct public restroom facilities on MacMillan Pier to serve visitors and the seasonal ferries. The facility opened in June 2007.
- Initiated the Provincetown local transportation center study.
- Coordinated the Flex Working Group to monitor, update, and expand the transit bus service for Lower/Outer Cape.

### *Water Resources*

- Reviewed the proposed Provincetown Phase 2 sewer extension.
- Monitored groundwater levels in a US Geological Survey observation well each month.
- Coordinated water quality "snapshots" (two samples) and analyses of Clapps Pond.

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## SANDWICH

### *Affordable Housing*

- Through the Barnstable County HOME Consortium, provided six down payment and four Soft Second Program loans to Sandwich households.

### *Economic Development*

- At the request of the town, started to develop a scope of work to address transportation, wastewater, and zoning issues related to the development of town-owned land on Quaker Meetinghouse Road and Route 130 under a state-funded local technical assistance program for expediting local development permitting.
- Requested and received a grant on behalf of the town from Barnstable County's Cape Cod Economic Development Council to design a fiscal impact model that could be replicated by other towns on Cape Cod.
- Participated on the steering committee to develop a Regional Technology Development Center, which is now in operation.

### *Geographic Information System*

- Prepared a map of affordable housing locations.
- Provided GIS set-up assistance for the town's Director of Planning and Development.
- Assisted with GIS analysis for the town's search for locations for new ball fields.
- Prepared a map showing Sandwich Land Trust properties.

### *Regulatory*

- Submitted technical comments to the Massachusetts Environmental Policy Act (MEPA) office on the Environmental Notification Form for the Shawme Pond Dam Rehabilitation project.
- Approved the Development of Regional Impact (DRI) Exemption application for the Cape Good News Subdivision. Continued the DRI review of the proposed Sandwich Beach Nourishment and Dredging project.

### ***Transportation***

- Performed roadway and intersection traffic counts at 20 locations in summer 2006. The Commission and its predecessor agency have performed a total of 238 counts at 61 unique locations in Sandwich since 1984.
- Worked with town officials to advance improvements to the intersection at Town Hall Square.

### ***Water Resources***

- Participated in Massachusetts Military Reservation Impact Area Review Team meetings.
- Monitored groundwater levels in six US Geological Survey observation wells each month.
- Coordinated water quality “snapshots” (seven samples) and analyses of Lawrence, Spectacle, and Triangle ponds.

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## **TRURO**

### ***Geographic Information System***

- Provided a new map and digital files of coastal inundation areas from hurricanes.

### ***Transportation***

- Performed roadway and intersection traffic counts at 11 locations in summer 2006. The Commission and its predecessor agency have performed a total of 120 counts at 28 unique locations in Truro since 1984.

- Coordinated the Flex Working Group to monitor, update, and expand the transit bus service for Lower/Outer Cape.

### ***Water Resources***

- Monitored groundwater levels in six US Geological Survey observation wells each month.
- Coordinated water quality “snapshots” (six samples) and analyses of Great and Slough ponds.

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## **WELLFLEET**

### ***Affordable Housing***

- Provided a \$3,500 Technical Assistance Program (TAP) award to the town for a housing action plan, and provided a \$3,000 TAP award to the Wellfleet Housing Authority for a financial feasibility analysis about purchasing properties currently on the market.

### ***Geographic Information System***

- Prepared a map for the Chamber of Commerce’s “Wellfleet Book.”
- Prepared a map showing vacant parcels and acreage.

### ***Transportation***

- Performed roadway and intersection traffic counts at three locations in summer 2006. The Commission and its predecessor agency have performed a total of 123 counts at 24 unique locations in Wellfleet since 1984.

- Reviewed and provided comments on an access and egress plan for the proposed Wellfleet Fire Station.
- Reviewed and provided comments on an access and egress plan for a proposed new church.
- Coordinated the Flex Working Group to monitor, update, and expand the transit bus service for Lower/Outer Cape.

### ***Water Resources***

- Coordinated water quality “snapshots” (13 samples) and analyses of Duck, Gull, and Long ponds.
- Monitored groundwater levels in four US Geological Survey observation wells each month.
- Organized a water education festival for students in Eastham and Wellfleet schools.

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## **YARMOUTH**

### ***Affordable Housing***

- Through the Barnstable County HOME Consortium, provided four down payment, two homeownership rehabilitation/repair, and six Soft Second Program loans to Yarmouth households.

### ***Geographic Information System***

- Provided the town with an update of Pictometry software.
- Provided mapping assistance for the proposed Yarmouth Growth Incentive Zone.

**Regulatory**

- Worked closely with Yarmouth’s planning and community development staff for the Commission’s review of the town’s application for a Growth Incentive Zone (GIZ) along Route 28. When approved, changes in Development of Regional Impact thresholds for hotel/motel properties within the Growth Incentive Zone will allow the properties to be renovated or converted to residential units or mixed-use developments with less regulatory involvement by the Commission.
- Held several meetings and a public hearing and then provided a comment letter to the Massachusetts Environmental Policy Act (MEPA) office on the Final Environmental Impact Report (FEIR) for the Cape Wind project, which MEPA certified in March. The project is currently undergoing DRI review.
- Approved a Development of Regional Impact (DRI) Hardship Exemption application for the Supply New England/Kitchen & Bath Gallery project, and approved the change-of-use application for the CVS Redevelopment project on Station Avenue. Continued to review the DRI proposal for the Parker’s River Marine Park project.

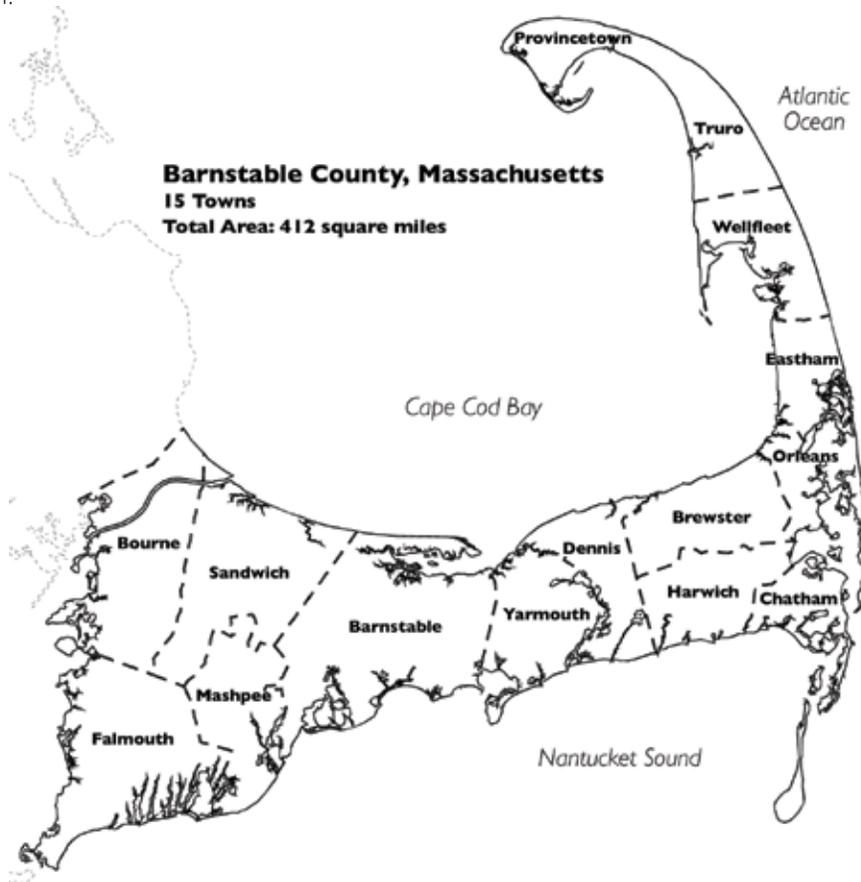
**Transportation**

- Performed roadway and intersection traffic counts at 41 locations in summer 2006. The Commission and its predecessor agency have performed a total of 355 counts at 119 unique locations in Yarmouth since 1984.

- Provided \$83,080 in Development of Regional Impact (DRI) mitigation funds for a feasibility assessment for a proposed extension of the Cape Cod Rail Trail.
- Provided \$4,500 in DRI mitigation funds for a condition/safety assessment of the Baxter Mill Dam, which is adjacent to Route 28.
- Provided \$3,700 in DRI mitigation funds for an evaluation of the Station Avenue/Forsythe Avenue intersection.
- Committed \$59,800 in DRI mitigations funds, providing \$11,700 of those funds in Fiscal Year 2007, for the Route 28 design/village concept planning.
- Provided \$30,000 in DRI mitigation funds toward the design of the Route 28/Forest Road intersection.

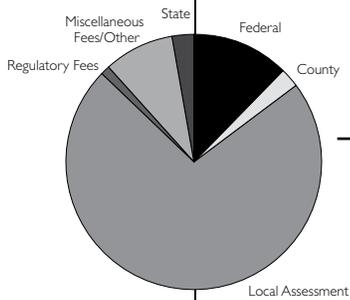
**Water Resources**

- Coordinated water quality “snapshots” (12 samples) and analyses of Big Sandy, Dennis, Flax, Greenough, Long, and Tom Matthews ponds.
- Monitored groundwater levels in six US Geological Survey observation wells each month.
- Developed Massachusetts Estuaries Project (MEP) watershed, land use, and nitrogen loading information for the technical report on Lewis Bay, Halls Creek, and Snow’s Creek.
- Organized water education festivals for students in the Mattacheese Middle and Marguerite E. Small schools.



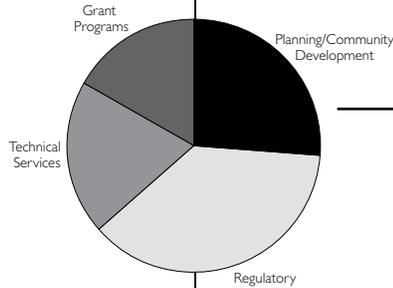
# Fiscal Year 2007 • Financial Information

## CAPE COD ENVIRONMENTAL PROTECTION FUND



### • Revenue

Federal.....	\$ 444,082.14
State .....	\$ 88,700.27
Local Assessment .....	\$ 2,615,703.00
Regulatory Fees*.....	\$ 42,151.00
Miscellaneous Fees/Other.....	\$ 321,231.88
County.....	\$ 100,000.00
	<hr/>
	\$ 3,611,868.29



### • Expenses

Planning/Community Development.....	\$ 930,426.47
Regulatory .....	\$ 1,323,515.35
Technical Services (GIS, Transportation, Water Resources).....	\$ 700,059.16
Grant Programs .....	\$ 594,977.27
	<hr/>
	\$ 3,548,978.25

### Fund Balance

Previous Fund Balance.....	\$ 1,061,567.82
Revenue Over (Under) Expenses.....	\$ 62,890.04
	<hr/>
Ending FY07 Fund Balance.....	\$ 1,124,457.86

• Restricted for FY07 Encumbrances.....	\$ 192,871.61
• Restricted for FY08 Appropriations .....	\$ 168,264.00
• Restricted for Legal Expenses.....	\$ 400,000.00
• Restricted for Grants.....	\$ 70,000.00
• Restricted for Unfunded Workers Compensation Liability .....	\$ 13,000.00
• Unrestricted CCEPF Balance.....	\$ 280,322.25
	<hr/>
	\$ 1,124,457.86

\* NOTE: Mitigation funds collected for specific purposes as a result of the regulatory review of Developments of Regional Impact (DRIs) are held in a separate account and are not included here. See page 30.

## Development of Regional Impact (DRI) Mitigation Funds

To be approved, a project undergoing Cape Cod Commission regulatory review may be required to address problems resulting from the development, such as making traffic improvements or providing affordable housing in a new residential development. When it is not practicable to correct a problem directly, the developer may be required to contribute a fair share of funds to solve the problem rather than undertake the actual work.

Funds collected for these purposes are held in a special revenue account by the Barnstable County Treasurer and are tracked by project. Interest accrues on this account.

The Cape Cod Commission works with town officials to determine the best use of these funds. Typically, after local officials have identified a project for which mitigation funds can be utilized, a request is submitted to the Commission and a Memorandum of Agreement is executed with the town.

### DRI Mitigation Funds Available to Towns, as of 6/30/07

	Transportation	Open Space	Affordable Housing	Water Resources	Total
Barnstable*	\$ 752,213	\$ 264,186		\$ 967	\$ 1,017,366
Bourne	204,935		\$ 39,259	554	244,748
Brewster	4,028				4,028
Chatham	5,907				5,907
Dennis*	20,545				20,545
Falmouth*	734,093			82,479	816,572
Harwich*	256,791	159,292		5,316	421,399
Mashpee*	460,747		269,321	459,199	1,189,267
Orleans*	37,026	555,749	104,180	2,406	699,361
Sandwich*	353,215	24,509	11,690	14,283	403,697
Yarmouth*	245,730	25,236			270,966
	\$ 3,075,230	\$ 1,028,972	\$ 424,450	\$ 565,204	\$ 5,093,856

\* Current Memoranda of Agreement commit some of these available funds.

### DRI Mitigation Funds Previously Provided to Towns, as of 6/30/07

	Transportation	Open Space	Affordable Housing	Water Resources	Hazardous Materials	Economic Development	Total
Barnstable	\$ 555,995	\$ 120,939			\$ 50,089	\$ 7,500	\$ 734,523
Bourne	81,900		\$ 279,907				361,807
Brewster	2,250						2,250
Dennis	3,022						3,022
Falmouth	28,838	93,119		\$ 25,000			146,957
Harwich	54,203	60,000		9,712			123,915
Mashpee	958,569						958,569
Orleans	32,463						32,463
Sandwich			1,252,146				1,252,146
Yarmouth	189,920			16,000			205,920
	\$ 1,907,160	\$ 274,058	\$ 1,532,053	\$ 50,712	\$ 50,089	\$ 7,500	\$ 3,821,572

CAPE COD COMMISSION **STAFF** • FISCAL YEAR 2007

July 1, 2006 through June 30, 2007

Margo Fenn, Executive Director  
John Lipman, Chief Planner/Deputy Director

**Administration**

Gail Coyne, Assistant to the Executive Director  
for Administration and Finance  
Keri Cahoon, Executive Assistant  
Joan McCarty, Department Assistant III  
Sue Zagaski, Department Assistant III  
Jessica Wielgus, Staff Attorney  
Gail Hanley, Commission Clerk  
Nancy Hossfeld, Communications Coordinator

**Affordable Housing Program**

Paul Ruchinkas, Affordable Housing Specialist  
Arden Cadrin, Department Assistant III (part time)

**Economic Development Program**

Leslie Richardson, Economic Development Officer  
Marilyn Fifield, Research Analyst (part time)

**Geographic Information System  
Program**

Gary Prahm, Systems Manager (part time)  
Anne Reynolds, GIS Analyst  
Ben Smith, GIS Analyst

**Marine Resources Program**

Steve Tucker, Marine Resources Specialist (through  
March 2007)

**Natural Resources/Land  
Protection Program**

Heather McElroy, Natural Resources/Land  
Protection Specialist

**Planning and Regulatory  
Programs**

Dorr Fox, Chief Regulatory Officer  
Sharon Rooney, Senior Regulatory Planner  
Andrea Adams, Planner II  
Phil Dascombe, Planner II  
Martha Hevenor, Planner II  
Stacey Justus, Planner II (part time)  
Sarah Korjeff, Planner II (part time)  
Greg Smith, Planner II  
Tana Watt, Planner II

**Transportation Program**

Bob Mumford, Program Manager  
Lev Malakhoff, Senior Transportation Engineer  
Glenn Cannon, Transportation Engineer P.E.  
Clay Schofield, Transportation Engineer P.E.  
Tim Boesch (through November 2006), then  
vacant, Transportation Engineer  
Priscilla Leclerc, Senior Transportation Planner  
David Aron (through December 2006), then Alan  
Huff, Transportation Analyst

**Water Resources Program**

Tom Cambareri, Program Manager  
Ed Eichner, Water Resources Scientist  
Gabrielle Belfit, Hydrologist  
Scott Michaud, Hydrologist  
Donna McCaffery, Project Assistant (part time)  
Xiaotong Wu, GIS Analyst (grant funded)

CAPE COD COMMISSION • BARNSTABLE COUNTY  
3225 Main Street, P.O. Box 226 • Barnstable, MA 02630  
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E-MAIL: [frontdesk@capecodcommission.org](mailto:frontdesk@capecodcommission.org)

WEB SITES: [www.capecodcommission.org](http://www.capecodcommission.org) • [www.gocapecod.org](http://www.gocapecod.org) • [www.capecodgroundwater.org](http://www.capecodgroundwater.org)



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