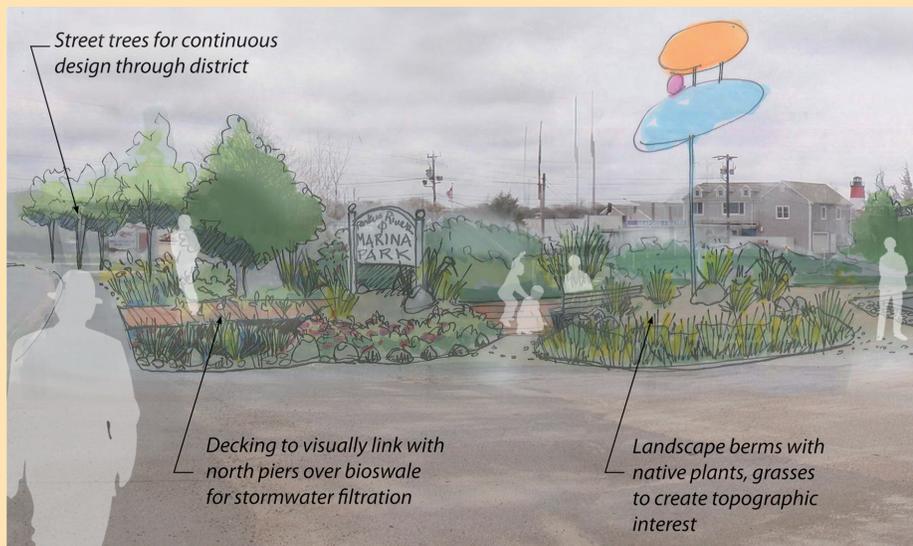


Cape Cod Commission

Annual Report ■ Fiscal Year 2011



CAPE COD
COMMISSION

Cape Cod Commission

Members

Fiscal Year 2011 Officers:

Chair:.....Royden Richardson
Vice Chair:.....Peter Graham
Secretary:Michael Blanton

Fiscal Year 2011 Members Representing...

Barnstable.....Royden Richardson
Bourne.....Michael Blanton
BrewsterElizabeth Taylor
ChathamLynne Pleffner
DennisRichard Roy
Eastham.....Joy Brookshire
Falmouth.....Mario DiGregorio
HarwichRobert Bradley
MashpeeErnest Virgilio
OrleansPeter Monger (until April 2011), then Leonard Short
ProvincetownAustin Knight
SandwichJoanne O'Keefe
Truro.....Peter Graham
Wellfleet.....Roger Putnam
YarmouthJack McCormack, Jr.
County CommissionerSheila Lyons (until January 2011), then Mary Pat Flynn
Minority RepresentativeJohn D. Harris
Native American RepresentativeMark Harding
Governor's Appointee.....Herbert Olsen

*“Keeping a special place...
special.”*

OBJECTIVE

*“To create a sustainable agency respected
for the balanced provision of regulatory,
planning, and technical services, as outlined
in the Cape Cod Commission Act.”*

VISION

*“A dynamic leader and catalyst for excellence in addressing
environmental and economic challenges facing regional
and local decision makers on Cape Cod.”*



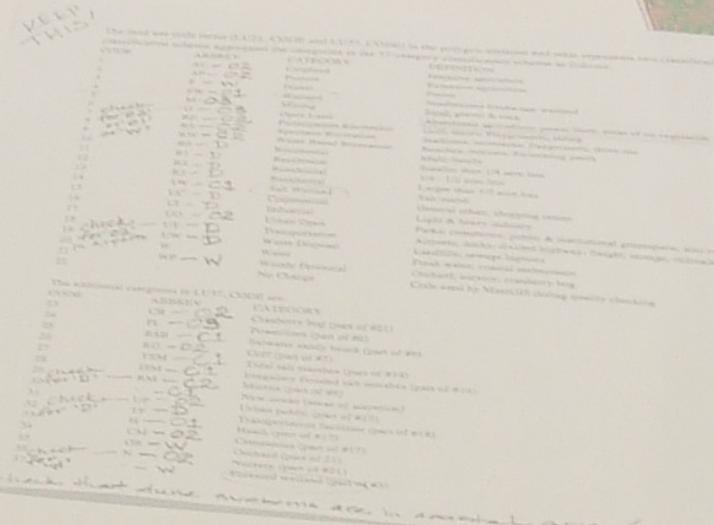
One component of the Visual Impact Assessment completed for the Ocean Management Planning District of Critical Planning Concern.

Eastham, Wellfleet, Truro, Provincetown Land Types for Ocean DCPC analysis Proof Plot

- Landuse 2005
- Coastal - Natural
 - Coastal - Developed
 - Open - Natural
 - Open - Managed
 - Open - Disturbed
 - Wooded
 - Developed
 - Pond
 - Scenic Road
 - Other Road
 - n Boundary

LAND USE CODE DEFINITIONS

Land Use Code	Land Use Description	Detailed Definition
1	Cropland	Generally tilled land used to grow row crops. Boundaries follow the shape of the fields and include associated buildings (e.g., barns). This category also includes buff farms that grow sod.
2	Pasture	Fields and associated facilities (barns and other outbuildings) used for animal grazing and for the growing of grasses for hay.
3	Forest	Areas where tree canopy covers at least 50% of the land. Both coniferous and deciduous forests belong to this class.
4	Non-Forested Wetland	DEP Wetlands (1/12,000) WETCODES 4, 7, 8, 12, 23, 18, 20, and 21.
5	Mining	Includes sand and gravel pits, mines and quarries. The boundaries extend to the edges of the site's activities, including on-site machinery, parking lots, roads and buildings.
6	Open Land	Vacant land, idle agriculture, rock outcrops, and barren areas. Vacant land is not maintained for any evident purpose and it does not support large plant growth.
7	Participation Recreation	Facilities used by the public for active recreation. Includes ball fields, tennis courts, basketball courts, athletic tracks, ski areas, playgrounds, and bike paths plus associated parking lots. Primary and secondary school recreational facilities are in this category, but university stadiums and arenas are considered Spectator Recreation. Recreation facilities not open to the public such as those belonging to private residences are mostly labeled with the associated residential land use class not participation recreation. However, some private facilities may also be mapped.
8	Spectator Recreation	University and professional stadiums designed for spectators as well as zoos, amusement parks, drive-in theaters, fairgrounds, race tracks and associated facilities and parking lots.
9	Water-Based Recreation	Swimming pools, water parks, developed freshwater and saltwater sandy beach areas and associated parking lots. Also included are scenic areas overlooking lakes or other water bodies, which may or may not include access to the water (such as a boat launch). Water-based recreation facilities related to universities are in this class. Private pools owned by individual residences are usually included in the Residential category. Marinas are separated into code 29.
10	Multi-Family Residential	Duplexes (usually with two front doors, two entrance pathways, and sometimes two driveways), apartment buildings, condominium complexes, including buildings and maintained lawns. Note: This category was difficult to assess via photo interpretation, particularly in highly urban areas.
11	High Density Residential	Housing on smaller than 1/4 acre lots. See notes below for details on Residential interpretation.
12	Medium Density Residential	Housing on 1/4 - 1/2 acre lots. See notes below for details on Residential interpretation.
13	Low Density Residential	Housing on 1/2 - 1 acre lots. See notes below for details on Residential interpretation.
14	Saltwater Wetland	DEP Wetlands (1/12,000) WETCODES 11 and 27.
15	Commercial	Malls, shopping centers and larger strip commercial areas, plus neighborhood stores and medical offices (not hospitals). Lawn and garden centers that do not produce or grow the product are also categorized as commercial.



Fiscal Year 2011

MAJOR OBJECTIVES AND GOALS FROM THE CAPE COD COMMISSION 2010 STRATEGIC PLAN

» **Financial Stability** – with goals to eliminate structural deficits, build adequate reserves, and adopt only spending programs that are aligned with the agency's core mission;

» **Technical Excellence in All Services** – especially those supporting Cape Cod towns;

» **Regional Consensus** – with goals related to regional infrastructure, the implementation of the Cape Cod Regional Policy Plan, and better inter-municipal partnerships; and,

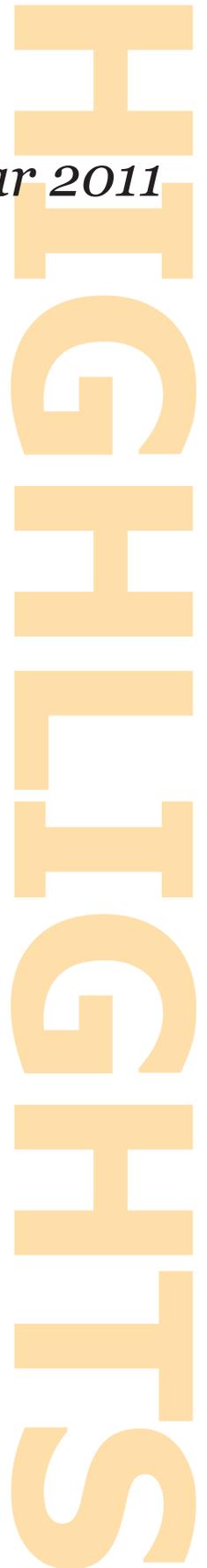
» **Environmental Protection in Balance with Economic Progress** – with goals for the majority of growth to occur in economic centers and for an increase in the number acres of undeveloped land that are protected.

The Cape Cod Commission's strategic plan, developed in spring 2010, outlined a proposed course of action for the regional planning, regulatory, and economic development agency serving the 15 communities of Barnstable County, Massachusetts. The plan, informed by the 1989 Cape Cod Commission Act, a 2005 survey of residents, recommendations of the 21st Century Task Force on the Cape Cod Commission in 2006, and input from agency staff and volunteer board members, is helping the Cape Cod Commission address a process of change and improvement within the organization.

Guiding elements of the strategic plan include objectives, goals, strategies, and measures. With that framework, the Cape Cod Commission established four priorities for Fiscal Year 2011:

- 1. economic development*
- 2. wastewater management*
- 3. wind energy planning*
- 4. communications*

Accomplishments toward those priorities are described in the following section of the Fiscal Year 2011 Annual Report.



The Route 28/Parker's River area of Yarmouth, a portion of the subject area for the Commission's first RESET engagement.



Economic Development

The Cape Cod Commission continued to make progress with regional economic development partners toward fulfillment of the policies and goals of the Cape Cod Regional Policy Plan (RPP) and the Comprehensive Economic Development Strategy (CEDS) for Barnstable County.

RESET

The Regional Economic Strategy Executive Team, or RESET, provides targeted, town-specific technical assistance to identify creative and sustainable solutions for challenges faced by communities trying to redevelop specific areas. Depending on the town client, the community need, and the specific project(s), the Commission's multidisciplinary staff team mixes different perspectives and expertise to provide tangible, tailored deliverables, such as build-out analyses, reports, land use planning, recommended changes to bylaws, and more. Town staff, elected officials, and other client groups collaborate directly in the planning and work environment.

The first RESET engagement by the Commission's staff helped the Yarmouth Planning Board develop options to encourage redevelopment and reinvestment along a key stretch of Route 28. The RESET effort concluded this year, resulting in redevelopment recommendations for the area that included detailed conceptual plans, sketches, design guidelines, and visualizations to aid understanding about the redevelopment opportunities. The products are helping the town focus its redevelopment efforts around town-owned property in the area.

The latest RESET engagement, which will continue through Fiscal Year 2012, is with the Town of Bourne. Working with the Bourne Wastewater Advisory Committee, RESET

members will help assess water supply and demand and potential water supply sites, and prepare a build-out analysis for downtown Buzzards Bay and the Bourne Development Campus north of the Cape Cod Canal. The team will also work with the town's administrator and planner to finalize the submittal of a Growth Incentive Zone (GIZ) application for downtown Buzzards Bay. RESET will also help the town complete a 'slum and blight' inventory for Main Street in the village of Buzzards Bay to qualify for funding from a Community Development Block Grant. With the help of Barnstable County's Resource Development Office, RESET is working with Bourne officials to file a \$1.4-million grant application through the state's MassWorks grant program to cover the finalization of streetscape improvements for Main Street, Buzzards Bay. RESET will also work to help Bourne advance improvements to Belmont Circle on the Cape Cod Transportation Improvement Program (TIP) for 2015.

STATScapecod.org

The partnership with the Cape Cod Economic Development Council resulted in the release of an enhanced online resource for economic and demographic data: STATScapecod.org. The site offers easy-to-access and easy-to-understand profiles of the most recent economic and demographic data for every county in the United States and allows comparisons across counties. The profiles include data on population, housing, income, and employment, and a short description of the county being profiled.

STATScapecod.org also features a series of regional benchmarks that give an overview of the Barnstable County economy. The benchmarks gauge the region's relative economic diversity and overall wealth and look at trends over time to compare data for Barnstable County with data for Massachusetts and the United States. The benchmarks look at everything from the size of the total economy to seasonality to sources of income in the region.

STATScapecod.org also provides data gathered for each town. Individual profiles of all the towns in Massachusetts present the latest data from a variety of data sets. Charts and tables

on employment and wages, commuting patterns, family and household sizes and incomes, and types of workers look at all the Cape towns at once. Maps of Cape Cod by census block groups are also available on the site, showing data ranging from housing units per square mile to median home values.

CEDS Priority Projects

Through a collaborative process, the 2009 Comprehensive Economic Development Strategy (CEDs) for Barnstable County resulted in a coordinated five-year action plan and a set of specific priority projects. Implementation of those projects has been moving forward since the US Economic Development Administration approved the CEDs in 2009. Project accomplishments this year include:

Entrepreneurship Capital Access & Training Program

The Commission's Economic Development staff provided technical assistance to a collection of agencies to establish an entrepreneurship 'Connectivity Team' and a new system for connecting entrepreneurs with necessary capital and intellectual services to start and build a business successfully. The team completed the development of the Entrepreneurship Resource System (ERS) and began implementation. The first beneficiaries of the system are the winners of the annual entrepreneurship weekend business plan competition. Commission staff assisted with two proposals for funding the ERS.

'Buy Local' Infrastructure Development Project

Commission staff served as coordinator for this project while cultivating leadership among the various sub-regional partner agencies and programs. The team obtained funding for a combination program between the Barnstable County-wide 'Buy Local' program and the Cape Cod Hook Fishermen's Association to establish a community-supported fishery. The team adopted the national 3/50 campaign for marketing and promoting local retail during the holiday period. The program encourages consumers to pick three locally owned independent businesses and spend \$50 each month at those establishments. In addition, the regional chamber of commerce initiated a 'Try it Local' campaign. The Cape Cod

Commission also committed \$15,000 in District Local Technical Assistance funds this year for the development of a 'local food app' that would help users of mobile devices to locate and shop for locally produced goods.

Redevelopment Authority (Feasibility Analysis)

The Commission's project team is completing an analysis of regional redevelopment entities to create a model entity that would facilitate development in areas designated for growth through the acquisition and sale of land or property rights. The project team completed research, including organizational and financing options, and investigated their scope of authority under Massachusetts state law. The team also researched transfer of development rights (TDR) as a mechanism to shift development potential, and compiled case studies illustrating local/regional approaches that could be applied to Cape Cod. The final report is in draft form.

Economic Centers Cost Analysis

The Commission project team is identifying the factors that often make development and redevelopment more expensive in downtown centers than in outlying areas. The goal is to design incentives to recalibrate this cost differential to shift growth to economic centers and reduce the higher infrastructure costs associated with sprawl. Key highlights from the second year of CEDS project implementation include assembly of the project team; development of a detailed project outline; conclusion of the research phase, including a literature search; and commencement of the field research (interviews/case study) phase. The staff identified Cape geographic sub-regions for case studies.

Coastal Use Templates for Economic Development

The project began with an assessment of coastal resources using GIS and an identification of major coastal economic industry sectors. The team mapped GIS data, including natural resources, recreation, harbor infrastructure, educational institutions, and commercial activities. Industry sectors include Natural Resource Industries; Marine Sciences, Technology, & Education; Infrastructure & Services; Leisure & Hospitality; and Arts & Culture. Based on this assessment, the staff identified

five prototype harbors representing the major industry sectors as case studies: Woods Hole, Hyannis, Harwich, Chatham, and Provincetown. The team developed various matrices to identify potential threats to coastal economic values and coastal resources and to identify the ecosystem services provided by various coastal resources. The project team interviewed town officials, conducted site visits, and collected baseline land use data to identify primary economic assets and liabilities. The findings of the first phase were compiled into a final report.

Smarter Cape Initiative

To help the region better manage built infrastructure and natural systems, this project, which is in the analysis phase, will gather and analyze existing data, collect real-time data, and use innovative communications technology. The Commission and partner IBM initiated the project in November/December 2010 with a series of stakeholder interviews and a two-day workshop. Later, at the Smarter Cape Summit in May 2011, a panel and group discussion highlighted some of most innovative, smart water-management systems in use globally and explored how Cape Cod could adopt new technology to address the region's difficult water-management challenges. The partners also discussed the potential establishment of a Center for Water Technologies. Commission staff members also succeeded in getting competitive funding for the early design stages of the regional information clearinghouse.

Waste Minimization

The project team will develop and establish regional waste-minimization strategies and best management practices intended to extract the maximum practical benefits from products and generate the minimum amount of waste. A Sustainable Materials Recovery Program grant application will be submitted to the Massachusetts Department of Environmental Protection (MassDEP) for a regional technical assistance coordinator. The team and MassDEP held a workshop in April 2011 for municipal officials and staff to learn about Pay-As-You-Throw waste management.



Enhanced Partnerships

Perhaps best exemplified by the two-day Smarter Cape Summit in May 2011, the Cape Cod Commission is enhancing its strategic partnerships for economic development throughout the region. The summit, organized by the Cape Cod Chamber of Commerce, the Cape Cod Technology Council, Open Cape, and the Cape Cod Commission with sponsors such as IBM, Cape Cod Economic Development Council, Woods Hole Oceanographic Institution, and many others, brought together individuals and organizations interested in leveraging organizational strengths. These leaders from business, government, research, and the community connected with ideas, information, and each other with a shared goal to create, collaborate, and build a 'smarter' Cape Cod.

Wastewater Management

Excess nitrogen and phosphorus in wastewater harm the ecology of the Cape's most precious resources: its groundwater, freshwater ponds and lakes, and saltwater marshes, estuaries, and bays. The Cape Cod Commission is working with many partners throughout the region, including the Cape Cod Water Protection Collaborative, Barnstable County regional government, technical consultants, and Cape municipalities, to devise and implement a regional plan to address wastewater management that:

- » integrates environmental protections;
- » recommends wastewater management approaches that take into account the affordability of those approaches;
- » plans for effective built infrastructure only at a scale that is appropriate to solve the problems efficiently and cost effectively in the areas to be served; and,
- » helps the region and municipalities better manage growth.

A Balanced Approach

Toward those goals, region-wide cost estimates for wastewater treatment have been developed. The Commission's position is not to promote sewerage the entire Cape, as that could cost \$8 billion for what would be an over-built, inefficient system. Instead, the Commission's recommendation is for a combination of approaches and infrastructure projects that balance the needs, the costs, the feasibility, and the effectiveness of solutions on a watershed-by-watershed approach.

The regional watershed approach should combine built solutions (including on-site septic systems, cluster systems, satellite systems, and some centralized systems) with more natural solutions (including the operation of cranberry bogs and shellfish aquaculture to attenuate and filter excess nitrogen, the restoration of salt marshes to allow biological processes to better denitrify water, and the promotion of the use of nitrogen-fixing plants). As an additional means of effecting better wastewater management, the Commission is also pursuing smart growth principles through the Regional Policy Plan; that is, guiding growth “toward areas that are adequately supported by infrastructure and away from areas that must be protected for ecological, historical, or other reasons.”

Approaching the wastewater problem in this comprehensive way, however, still results in a hefty financial commitment, which could be \$3 billion or more in capital costs alone for existing development, depending on how well the solutions are able to be shared regionally. If new development is left unchecked, those costs could grow to more than \$5 billion.

To garner support for suitable wastewater management solutions appropriate not only for addressing the environmental problems but also for balancing affordability, scale, and effectiveness, the Commission began a comprehensive outreach program in FY 2011, initiating a watershed-by-watershed series of public forums to provide data, maps, and visual aids to engage citizens and policy leaders in the wastewater management issue. The ‘Getting to Know Your Watershed’ Tour in Fall 2010 introduced the issues in six of the most critically impacted watersheds on Cape Cod: the Waquoit Bay, Three Bays, Popponesset Bay, Lewis Bay, Bass River, and Herring River watersheds. The Commission also developed two short movies about ‘The Population Problem’ (depicting regional changes in population over time) and ‘The Nitrogen Problem’ (depicting the impact of wastewater on the Cape’s watersheds and estuaries), which have been shown to much acclaim at a number of public workshops and conferences, including the May 2011 Smarter Cape Summit. The Commission plans more public outreach, awareness building, and policy making about watersheds and wastewater management in the coming year.

Wind Energy Planning



Offshore Wind Energy

Barnstable County designated the first-ever Cape-wide District of Critical Planning Concern (DCPC) last year to afford residents, municipalities, stakeholders, and policy makers in the region the opportunity to take a planned approach to potential new development in the state waters surrounding Cape Cod. The Ocean Management Planning DCPC authorized a year-long moratorium on those activities. The limited moratorium enabled a comprehensive planning process to address issues related to construction and operation of renewable energy facilities, sand and gravel mining, and the installation of cables and pipelines, the result of which is a proposed set of 'implementing regulations' for the district.

After designation of the DCPC, the Cape Cod Commission worked throughout the year with a policy committee composed of a representative selectman from each Cape town—another 'first'—to oversee and consider recommendations from the Commission staff, a technical advisory group of experts in energy, natural resources, and visual impacts, and stakeholder/special interest groups in the region. The policy committee met nine times; the Commission also held several public meetings. In one special effort, the Commission's Planning and Community Development staff worked with a recognized expert to conduct a public opinion poll and visual resource inventory that informed an assessment and recommendations about the potential visual impacts of offshore wind turbines. In another special effort, the Commission's GIS department developed dynamic web-mapping applications to inform policy making. The applications helped participants and officials to understand the resources affecting the district and to visualize the range and extent of those resources.

The DCPC's proposed implementing regulations were to be sent to the Barnstable County Assembly of Delegates for consideration as a county-wide ordinance in summer 2011. Should the Assembly adopt the regulations as ordinance, all future development proposed within the boundaries of the DCPC would be required to abide by the regulations.

Land-based Wind Energy

In recent years, land-based wind energy development has become increasingly controversial. As a new type of development on Cape Cod, the Commission faced several proposals for wind turbines but did not have adequate regulatory standards in place to guide the appropriate siting of these facilities and to mitigate their impacts.

To bring informed policy-making to the controversy and enable better decision-making, the Cape Cod Commission crafted new regional regulatory standards for land-based wind energy facilities for incorporation into the Regional Policy Plan. The Barnstable County Assembly of Delegates adopted the amendments in April 2011.

The standards consider the clear area around turbines; noise, shadow flicker, and visual impacts; potential waivers for municipal projects; and decommissioning. Only projects that are reviewed by the Commission for other reasons (for example, because they exceed 40,000 square feet of outdoor commercial area or are subject to Massachusetts Environmental Policy Act review) are required to meet the new performance standards. The Commission is preparing a technical bulletin to guide the application of the standards.

Communications

20th Anniversary

The Cape Cod Commission marked its 20th year of operation in modest fashion, publishing a brochure noting some of the agency's accomplishments and a series of articles ("20 Years Ago This Month") in the Commission's monthly REPORTER newsletter; adopting a new logo and implementing complementary branding elements in publications, business collateral, and other materials; creating a new five-year strategic plan and revitalizing the strategic communications plan that supports it; and redesigning and redeveloping the web site: www.capecodcommission.org

Awards & Honors

Clean Air Award

The Cape Cod Commission received the US Environmental Protection Agency (EPA) 2010 Clean Air Excellence Award this year. Performance standards for energy components of developments, as established in the 2009 Regional Policy Plan, earned the Commission the award in EPA's 'Regulatory Policy Innovations' category.

The standards promote energy efficiency and require on-site renewable-energy generation by building proposals undergoing Cape Cod Commission review. Proposals above a certain threshold must be designed to earn ENERGY STAR® certification, use efficient building-envelope design standards, and meet 10 percent of their electrical demand through on-site renewable-energy generation. Flexible waiver criteria encourage innovation for projects with certain site constraints.

The EPA's awards program, established in 2000, annually recognizes and honors outstanding innovative efforts to make progress in achieving cleaner air. Winning entries must directly or indirectly reduce pollutant emissions, demonstrate innovation, offer sustainable outcomes, and provide a model for others to follow. The 2010 award recognizes the Commission's planning work on energy policy development, which emphasizes the importance of distributed generation, diversity, and innovation, and which encourages projects scaled appropriately for the region and Cape Cod's special features.

Excellence in Commuter Options

The Massachusetts Department of Transportation recognized the Cape Cod Commission/Barnstable County as a 'pacesetter' among employers in the state. The department's annual 'Excellence in Commuter Options' awards support efforts by employers to reduce greenhouse gas emissions by encouraging employees to get to work using transit, car pools, and van pools, bicycling, walking, and telecommuting.

National Planning Conference

The American Planning Association selected several presentations by the Cape Cod Commission staff for the association's 2011 National Planning Conference held in Boston. The annual conference provides information and resources for 5,000 planning practitioners, educators, citizens, business leaders, planning commissioners, and elected officials from across the country. The 2011 conference included nearly 200 conference sessions and 60 mobile workshops. Commission staff presented sessions about (1) the visual impact assessment conducted for the Ocean Management Planning DCPC and (2) controlling strip development, which was based on the Commission's *Designing the Future to Honor the Past: Design Guidelines for Cape Cod*. The staff also helped coordinate a day-long mobile workshop highlighting planning efforts on the Upper Cape, entitled 'Old Town to New Urbanism.'

Arts Foundation of Cape Cod | Bass River Watershed Presentation | Bourne Financial District Committee | Bourne Main Street Steering Committee | Bourne Wastewater Advisory Committee | Cape Cod Business Roundtable | Cape Cod Chamber of Commerce | Cape Cod Community College - 50+ Career Changer's Symposium (keynote speaker) | Cape Legislative Delegation | Cape Cod Homebuilders Association | Cape Cod Men's Club | Cape Cod Public-Private Partnership Symposium | Cape Cod Water Protection Collaborative | Cape Cod Economic Development Council | Cape Cod Selectmen & Councilors' Association | Cape Cod Times Editorial Board | Cape

Public Relations

Environmental Connections (Al Rosenberg) Public Access Television Show | Center for Innovative Water Technology Round Table | Chatham Chamber of Commerce | Community Action Committee of Cape Cod & Islands | Community Leadership Institute | Dennis Democratic Committee | Dennis Economic Development Committee | East Harwich Village Center Collaborative Group | Economic Development Roundtable Committee | Greater Boston (Emily Rooney) Public Television Show | Falmouth Chamber of Commerce | Falmouth Economic Development

In addition to providing monthly updates to the

Barnstable County Commissioners, the director met with each of the 15 Cape Cod boards of selectmen and many other town boards and committees throughout the year, and made special presentations, served on regional and state policy committees, and was an invited guest speaker and participant at meetings of many local and regional organizations, as listed on this page.

| Massachusetts Ocean Partnership Committee | Massachusetts Water Infrastructure Finance Full Commission and Working Groups 3 and 4 | Mashpee Economic Development & Industrial Corporation (EDIC) | NSTAR Officials | Ocean Outfall Symposium | Open Cape | Popponesset Watershed Presentation | Regional Technology Development Corporation (RTDC) of Cape Cod | Sandwich Economic Development & Industrial Corporation (EDIC) | Sandwich Friday's Men's Lunch Club | Science Café | Smarter Cape Summit | Sunday Journal - Cape Cod Broadcasting News Center/WQRC Radio | US Environmental Protection Agency (EPA) Clean Energy Award Acceptance Ceremony | Waquoit Bay Watershed Presentation | Waquoit Bay Estuarine & Research Reserve | WBUR Radio

Other Workshops, Events, and Outreach

The staff of the Cape Cod Commission sponsored or made presentations at many other venues throughout FY 2011. Examples include:

JULY 2010

Public Transportation Workshop
 Rail, Air, and Ferry Transportation Workshop
 Interagency Transportation, Land Use, and Climate Change Pilot Project Workshop
 Roadways and the Environment Workshop
 Interview on WQRC Radio about 'Boil Water' Orders

AUGUST 2010

Transportation Open House
 Water education activities at the West Barnstable Village Fair
 Presentation about Cape Cod architecture to the Chatham Historical Society

SEPTEMBER 2010

Getting to Know Your Watershed: Three Bays Forum
 Presentation about Cape Cod architecture to the Academy for Lifelong Learning (Barnstable)
 Presentation about Cape Cod architecture to the Lower Cape Lifetime Learning (Orleans)

OCTOBER 2010

Cape Cod Pathways: Fall Walking Weekend
 Getting to Know Your Watershed: Lewis Bay Forum
 Getting to Know Your Watershed: Bass River Forum
 Getting to Know Your Watershed: Popponesset Bay Forum
 Water Education Festival: Wellfleet
 Water Education Festival: Provincetown
 Presentation on water resource protection to the Housing Assistance Corporation

NOVEMBER 2010

Land Use Scenario Planning Workshop
 Getting to Know Your Watershed: Herring River Forum
 Getting to Know Your Watershed: Waquoit Bay East Forum
 Cape GIS Users Group Meeting
 Water Education Festival: Chatham
 Water Education Festival: Eastham/Orleans
 Presentation on water quality to Silent Spring
 Listening Session for Ocean Management Planning DCPC Stakeholders

DECEMBER 2010

Water Education Festival: Falmouth
 Water Education Festival: Bourne
 LEED and Affordable Housing Workshop

JANUARY 2011

Water Education Festival: Barnstable
 Smarter Cape Workshops with IBM
 Water Education Festival: Centerville (Barnstable)

FEBRUARY 2011

Water Education Festival: Forestdale (Sandwich)
 Water Education Festival: Quashnet (Mashpee)

MARCH 2011

Presentation to Barnstable County Commissioners about NSTAR rights-of-way pesticide applications affecting water quality
 Water Education Festival: Mattacheese (Yarmouth)
 Interview about pesticide use on Cape Cod on 'County Chatter' public access television show
 Water Education Festival: Hyannis East (Barnstable)
 Regional 'Ready Renter' Program Workshop

APRIL 2011

Pay-As-You-Throw Waste Management Workshop
 Regional 'Ready Renter' Program Workshop
 Annual Cape-wide Historic Preservation Workshop

MAY 2011

Smarter Cape Summit
 Bay State/Cape Cod Bike Week

JUNE 2011

Cape Cod Pathways: Spring Walking Weekend
 Cape Cod Smart Transportation Week

Regional Programs

■ GOAL:

Promote creation of affordable housing and equal opportunity in housing.

The Commission continued to administer HOME programs for Barnstable County, having received nearly \$750,000 in federal funding this year; provided technical assistance to towns, including funding awards for projects of the Bourne Affordable Housing Trust, the Housing Assistance Corporation, and the Town of Bourne; and, implemented a pilot program to maintain a Regional 'Ready Renters' list for the towns of Barnstable, Chatham, Dennis, Harwich, and Yarmouth. The latter is a program to place qualified applicants on a waiting list for notification when rental units in smaller affordable rental developments, accessory apartments, and so-called 'shop-top' housing (rentals on top of retail stores) become available. This year, 14 affordable rental units and five homeownership units were created with HOME funding, six first-time homebuyers received HOME down payment loans, five towns received technical assistance, and 60 applications resulted in 38 qualified applicants on the new regional Ready Renter list.

■ GOAL:

Increase consistent and coordinated geographic data among Cape towns and Barnstable County.

Commission staff continued to work to strengthen server-based GIS (Geographic Information System), maintain spatial data, coordinate with local assessors, and improve access. Commission staff introduced web-mapping applications for the Regional Policy Plan that are more flexible than paper maps and allow users to manipulate data sets that improve interpretation. The staff also coordinated the Cape-wide GIS Users Group with guests from IBM to discuss the Smarter Cape Initiative and from ESRI to discuss county-wide enterprise license agreements. Through the state-funded District Local Technical Assistance program, the Commission initiated a study of options for sharing municipal assessing functions and for standardizing local assessing data across the region.

GOAL:

Increase capacity to manage water and wastewater infrastructure.

In FY 2011, Commission staff continued to pursue development of the regional wastewater management plan, anticipated the creation of a technical bulletin on Comprehensive Wastewater Management Plans (CWMPs), and provided assistance for water supply projects and wastewater management strategies. The staff responded to 27 requests for technical assistance for CWMP development, two requests for water-supply protection projects, and three requests for assistance with cost-saving technologies and management strategies. Commission GIS and water staff mapped areas with shared watersheds and compared existing wastewater infrastructure with population density across the region.

GOAL:

Coordinate a regional transportation program to improve safety, relieve congestion, promote alternatives to automobile travel and encourage roadway construction and modifications that are consistent with community character and historic and scenic resources.

This year the Commission secured federal and state transportation infrastructure capital by maintaining Metropolitan Planning Organization (MPO) certification, engaging the community in a multi-modal approach to transportation, and revising and updating the long-range Regional Transportation Plan for MPO endorsement in summer 2011. The Commission staff also built upon the success of last year's Yarmouth Road/Willow Street improvement plan by generating multiple scenarios to improve the traffic flow in the Hyannis Airport Rotary area. These scenarios will inform the ongoing Hyannis Access Implementation Study.

GOAL:

Implement transportation policies for Barnstable County that are consistent with local, regional, state, and federal transportation plans and policies.

The Commission worked to ensure that priority transportation projects had local consensus support and received funding for completion. As of spring 2011, the attendance rate of members of the Cape Cod Joint Transportation Committee (CCJTC) and MPO at meetings was 74 percent. Eighty-seven percent of roadway infrastructure funds were allocated in the annual Transportation Improvement Program (TIP) list; examples of funded projects include the Route 137 corridor project in Harwich and a new roundabout at Cotuit Road and Harlow Road in Sandwich. Ninety percent of the tasks in the 2010 Unified Planning Work Program were completed, including the Top 50 Crash Location Safety Study and the Shank Painter Road Corridor Study in Provincetown.

Energy & Environment

GOAL:

Increase energy conservation efficiency and use of renewable resources in local plans and large-scale development.

The Commission collaborated with regional and local agencies to pursue funding opportunities for five municipal renewable energy projects, provided technical assistance to towns on related initiatives, and pursued regional planning efforts to establish criteria for appropriate scale of renewable energy installations. The Regional Policy Plan now has minimum performance standards for land-based wind energy facilities, and the Ocean Management Planning DCPC implementing regulations, pending before the Barnstable County Assembly of Delegates at year end, attempt to establish a regional ordinance for offshore facilities in state jurisdictional waters surrounding the Cape. (See earlier write-ups.)

GOAL:

Protect the most sensitive natural resources.

Commission staff continued to help coordinate regional efforts to set priorities for areas in need of protection and provided technical assistance to towns, which resulted in nearly \$3 million of state grant funds allocated toward Cape land acquisitions. The Commission staff also worked with towns to pursue and implement DCPCs and to protect potential future water supply areas. GIS and planning staff members are working to redevelop an online mapping application that will aid regional open space planning. Fourteen local open space/recreation plans have achieved state approval. Two DCPCs were designated (Centerville River DCPC and Craigville Beach DCPC) to protect natural resources, among other purposes. In addition, the Commission staff responded to eight requests for assistance and participation in municipal meetings related to water-supply protection.

GOAL:

Protect historic and cultural resources and community character.

Commission staff continued to work in Cape towns to develop and adopt local design guidelines and assist with historic preservation efforts, specifically helping the Eastham Historic District Commission, the Chatham Historical Commission, and the Sandwich Old Kings Highway Historic District Committee. Commission staff also conducted nine educational training sessions and workshops for local officials (545 attendees), and coordinated regional regulatory and local historic preservation issues with the Massachusetts Historical Commission. A total of 629 Cape historic properties and districts are protected through inventories and state register listings. With graduate students from Boston University, Commission staff completed two cultural landscape inventories, one for the Town of Eastham and one for the Town of Chatham. The Commission reviewed six DRI proposals for historic preservation purposes.

GOAL:

Limit development in the coastal zone, particularly high hazard areas, to protect the natural beneficial functions of coastal resources.

Commission staff helped eight Cape towns update their local Multi-Hazard Mitigation Plans and achieved FEMA certification for the updated regional plan for Barnstable County. The staff made two presentations to assist towns in understanding the provisions and potential adoption of the 2009 Model Bylaw for Effectively Managing Coastal Floodplain Development. The Commission also helped the Town of Barnstable develop the implementing regulations for the Craigville Beach DCPC, a barrier beach area along Nantucket Sound. A total of about 1,170 acres of coastal resources in high hazard areas are protected by DCPCs.

GOAL:

Protect and restore the Cape's sensitive fresh and marine water resources.

Commission staff continued to coordinate pond water-quality assessments and make recommendations on solutions, responding to four requests for technical assistance and sampling 121 ponds in 11 towns. The GIS staff also continued to work with the Massachusetts Estuaries Project managers (UMass-Dartmouth School for Marine Science and Technology) to develop nitrogen limits for coastal embayments and provided technical data for 12 reports concerning the implementation of Total Maximum Daily Loads (TMDLs).

■ GOAL:

Maintain a high quality and sustainable drinking water supply.

Commission staff continued to provide technical assistance to identify, develop, manage, and protect drinking water supplies, meeting or making presentations 26 times this year. The Commission also responded to requests or made presentations 12 times to help towns implement stormwater management controls that incorporate 'low impact development' (LID) techniques. The staff also continued to monitor groundwater levels in observation wells across the Cape, taking 480 measurements throughout the year.

Water and GIS staff, with help from a member of Barnstable County's AmeriCorps Cape Cod program, collaborated to 'ground truth' and map existing private and public drinking water supply wells that are adjacent to utility rights-of-way to verify well locations and help protect groundwater resources from pesticide application. In response to public pressure and through negotiations with the Commission and the state Department of Agriculture, NSTAR suspended herbicide application for a year while the mapping work was under way. The Commission followed those negotiations with a four-point plan for action that includes (1) the mapping just described; (2) monitoring groundwater for potential herbicide impacts along rights-of-way, taking pre-application (baseline) and post-application readings to assess the potential presence of herbicides in groundwater; (3) initiating a Cape-wide study of pesticide and fertilizer use, to gather and examine data from all users of pesticides and fertilizers, including utilities, commercial operations such as golf courses and landscape services, government and institutional users, agricultural operations, and residents; and (4) building better public understanding through education and outreach about best practices for all pesticide and fertilizer users. By gathering the necessary data from all sources and users, the region will be in a better position to set and pursue goals to reduce overall usage of chemical contaminants on Cape Cod.

GOAL:

Coordinate local and regional solid waste management efforts and ensure proper handling and disposal of hazardous wastes.

The Commission continued to work with many Cape towns, through the Cape Cod Solid Waste Contract Advisory Committee, to pursue long-term solutions to the impending (2015) expiration of municipal contracts for disposal of municipal solid waste with the SEMASS waste-to-energy facility. Through the state-funded District Local Technical Assistance program, the Commission hired an attorney/consultant to examine opportunities for the creation of a regional solid waste management district and to develop a single contract and RFP that would facilitate region-wide contract negotiation and development. The Town of Brewster independently negotiated a new long-term disposal contract with SEMASS.

GOAL:

Promote a balanced regional economy capable of supporting year-round livable-wage jobs; retain and attract income to the region; and increase economic opportunities.

Commission staff designed a regional survey of businesses, focusing on a cost-of-doing-business analysis and a regional market analysis. The Commission and partner agencies such as the Cape Cod Economic Development Council and the Cape Cod Chamber of Commerce continued to implement the Comprehensive Economic Development Strategy (CEDS) for Barnstable County and submitted an annual report to the US Economic Development Administration (EDA). The Commission also enhanced the online data site STATscape-cod.org by updating town-level data and adding data for 14 benchmarks for a balanced economy. Staff continued to coordinate economic development activities with local and regional organizations and applied for the region's designation as an 'Economic Development District' by the EDA. Fourteen of 19 CEDS priority projects are in process with lead agencies and active project teams.

GOAL:

Promote efficient capital facilities and infrastructure.

The Commission promotes 'livable communities' infrastructure solutions and inter-municipal approaches to shared equipment and infrastructure needs such as roads, transit, and other transportation considerations in addition to encouraging wastewater management solutions on a shared-watershed basis. (See earlier write-up.) This year the Commission also engaged in a partnership with IBM Corporation to deploy sophisticated technology for more efficient management of physical infrastructure. The initiative is now known as 'Smarter Cape.' Two

pilot projects will be pursued: a Strategic Information Office to guide the use of data for program management and policy making, and a Center for Excellence in Water Resources, to access data on critical issues related to water quality and management.

GOAL:

Implement land use planning and growth management programs to guide growth to appropriate areas.

The Commission continued to help towns complete their portions of the Regional Land Use Vision Map; currently Barnstable, Brewster, Bourne, Dennis, Orleans, Provincetown, Sandwich, Truro, and Yarmouth have had all or part of their towns represented on the regional map. The Commission staff also provided technical assistance on water/wastewater infrastructure analysis to three towns (Bourne, Sandwich, and Yarmouth). The Commission continues to help towns develop, update, and re-certify their Local Comprehensive Plans (11 are certified and two updates are pre-certified) and assist with zoning amendments and subdivision regulations that are consistent with regional land use and growth policies, most actively working this year with the Town of Harwich for the East Harwich Village Center zoning effort. The Commission helps towns make use of regional planning tools such as DCPCs (mentioned previously) and Growth Incentive Zone (GIZ) planning, most actively working this year with the Town of Bourne for the village of Buzzards Bay and with the Town of Dennis for the village of Dennisport.

Internal Operations

GOAL:

Increase Commission capacity to provide planning and technical services to towns.

The Commission continued to improve staff access to and use of information technology, to pursue resources to design and develop searchable databases for regulatory, water resource management, and economic development purposes, and to implement project and document management technology. The Commission also intends to provide improved access to public online information resources, this year redesigning and reengineering the web sites www.capecodcommission.org and www.statscapecod.org. The Commission also continued to provide technical and grant assistance through the state-funded District Local Technical Assistance (DLTA) program; the amount expended in FY 2011 on the local and regional DLTA projects totaled \$254,883.

GOAL:

Increase professional development of staff and Commission members.

The Commission continued to provide funding for professional affiliations and training opportunities, this year covering the attendance of select staff members at 13 different training sessions. All members and staff also received training on the newly revised state ethics laws.

GOAL:

Ensure compliance with statutory requirements, regulations, etc., while coordinating review of DRIs, DCPCs, and GIZ nominations.

The agency continued to provide training to staff and Commission members on regional and state laws, this year covering regional ordinances/regulations, the Regional Policy Plan, the state's Open Meeting Law, and the state's ethics laws.

The Commission board also reviewed and issued approval decisions on six DRIs and two Development Agreements and issued three procedural denial decisions for proposed DRIs. The agency's Executive Director reviewed and issued nine Type 1 Minor Modifications, and the Commission's Regulatory Committee reviewed and issued six Type 2 Minor Modifications to previously approved DRIs. The agency staff also commented on 14 proposals undergoing Massachusetts Environmental Policy Act (MEPA) Unit review, including Environmental Notification Forms (ENFs) and Notices of Project Change (NPCs).

The Commission's regulatory activities listed below are described in the "Town Services" section of this annual report.

Approved DRI Decisions: Commerce Park Cell Tower Expansion (Chatham), Youth Hockey Ice Arena (Falmouth), Woods Hole Oceanographic Institution (WHOI) Quissett Campus LOSOS Building (Falmouth), Wastewater Treatment Plant Cell Tower (Provincetown), Simpkins School Redevelopment (Yarmouth), Gladstone LLC (Yarmouth)

Approved Development Agreements: The Village at Barnstable (Barnstable), Red Jacket Resorts (Yarmouth)

Procedural Denials: Windrift Acres (Brewster), two decisions for Forestdale Village (Sandwich)

Approved Type 1 Minor Modifications: Barnstable Municipal Airport (two), National Marine Life Center (Bourne), Pleasant Bay Assisted Living Facility (Brewster), WHOI Quissett Campus LOSOS Building (Falmouth), Mashpee Commons/ Jobs-Whiting Neighborhood (Mashpee), Cape End Care Campus/Cape End Manor/ Seashore Point (Provincetown), Riverview School (Sandwich), Simpkins School Redevelopment (Yarmouth)

Approved Type 2 Minor Modification: BJ's Wholesale Club (Barnstable), Atlantis Stop & Shop (Barnstable), Pleasant Bay Assisted Living Facility (Brewster), Raymond Park Subdivision (Falmouth), Youth Hockey Ice Arena (Falmouth), Mashpee Commons/Jobs-Whiting Neighborhood (Mashpee)

Comment Letters Provided to MEPA: Barnstable Airport Master Plan, Lower SEMA NSTAR 345Kv Electric Line Upgrade (Barnstable, Bourne, and Sandwich), Air Force Center's MMR Wind Turbine Project (Bourne), Municipal Water Well #8 (Bourne), New MMR Training Program (Bourne, Falmouth, Mashpee, and Sandwich), Cranberry Lane Culvert Opening (Chatham), Glass Shorefront Seawall (Chatham), Old Salt Works Bank Stabilization (Chatham), Sunken Meadow Marsh Restoration and Culvert Opening (Eastham), Thomas B. Landers Parking Facility for the Steamship Authority (Falmouth), Maher Pier and Stairway (Harwich), Welch Pier (Mashpee), Wampanoag Tribal Housing (Mashpee), Red River Boat Ramp Reconstruction (Orleans)

GOAL:

Manage Commission financial resources to ensure adequate reserves and zero funding from Barnstable County.

The Commission oversees the operation of budgeting, grants management, procurement, and accounts payable and receivable. The agency submitted a balanced budget proposal for FY 2012, with no county general funds requested for the third consecutive year.

Public Education

■ GOAL:

Continue to build strong community relationships.

Commission staff and members are committed to appearing before and updating local boards on a regular basis. To help determine the level of satisfaction of municipal officials with Commission services, the agency will conduct periodic surveys. Nearly 85 percent of the responses to a questionnaire distributed in 2010 indicated Commission service was either 'excellent' (35.9 percent) or 'satisfactory' (48.7 percent), with the balance indicating Commission service either 'needs improvement' (12.8 percent) or is 'discouraging' (2.6 percent). The strategic communications plan, which reflects the external and internal relations goals of the agency, was revamped and thoroughly updated this year to help the Commission achieve stronger relations with all 15 Cape communities in the future.

■ GOAL:

Continue to provide education to local officials and the public in areas of Commission expertise.

Commission staff continued to participate in working sessions with municipal staff on a regular basis to discuss significant growth management, regulatory, and planning issues. The staff also guided applicants and board members through revisions to regulations such as the amended 'Development Agreement' process. As written up previously, the staff and members actively engaged in the 'Watershed Tour' forum series to increase public awareness of wastewater management issues. Nearly 120 people participated at six events in the Fall 2010 tour. The Commission also coordinated a year-long planning and outreach series of workshops for the Ocean Management Planning DCPC (see previous write-up).

Participants in a community visioning workshop that focused on the Route 28/West Chatham area.



Fiscal Year 2011

TOWN SERVICES

- BARNSTABLE
- BOURNE
- BREWSTER
- CHATHAM
- DENNIS
- EASTHAM
- FALMOUTH
- HARWICH
- MASHPEE
- ORLEANS
- PROVINCETOWN
- SANDWICH
- TRURO
- WELLFLEET
- YARMOUTH

All 15 towns on Cape Cod benefit from **regional** services provided by the Cape Cod Commission. The highlights of the Commission’s region-wide activities were described in the previous section of this annual report. Some examples that benefited all towns this year include:

» The Commission supported the evaluation of municipal solid waste contracts across Cape Cod, expending \$27,000 in District Local Technical Assistance (DLTA) program funds to hire a legal consultant for that evaluation. In 2015, many of the long-term contracts between Cape towns and the SEMASS waste-to-energy incineration operation in Rochester, Massachusetts, will expire. The Commission has been working for many years with the Cape Cod Solid Waste Advisory Committee to identify municipal waste disposal alternatives and garner the most cost-effective and appropriate contracts for future waste disposal for all Cape communities.

» The Commission provided \$50,000 in DLTA funds for a regional assessing study, conducted through a contract with the Center for Governmental Research Inc. (Rochester, NY), to review assessing operations among Cape Cod towns. The purposes of the study were (1) to consider the potential for cost efficiencies and improved levels of service through greater collaboration among municipal-level assessing units; (2) to consider the potential benefit of leveraging municipal assessing data to help local assessors and others gain access to the data and to enhance countywide Geographic Information Systems efforts; and, (3) to document the operational challenges in the relationship between municipal assessors and the Massachusetts

Department of Revenue and, where appropriate, offer suggested approaches to mitigate those challenges and enhance overall efficiency.

» The Commission continued its role as coordinator of regional transportation planning with other agencies and providers. This year those planning efforts resulted in approximately \$50 million of local and regional transportation projects being scheduled for federal and state funding in the Transportation Improvement Program for Federal Fiscal Years 2011–2014.

» The Commission continued to coordinate the Barnstable County HOME Consortium and to administer the HOME Program, which received nearly \$750,000 this year in federal funds to be applied to affordable housing needs throughout the region.

The primary purpose of the following section of this report, however, is to focus on **town-specific** activities and services provided by the Cape Cod Commission in Fiscal Year 2011. Each Cape town annually receives a variety of direct assistance matching their individual needs. The types of services are similar across the region, but each project is tailored to the specific needs of the community. The highlights of town-specific activities conducted by the Commission during Fiscal Year 2011 follow.

Town of Barnstable

Planning, Community Development, and Technical Services

- » The Commission provided technical assistance to Barnstable to study options to guide redevelopment along Route 132 as part of the community's long-range planning efforts. This key regional roadway provides direct access to the Cape's largest regional shopping district and is a vital connection to and from Hyannis, the municipal airport, and other transportation centers to the Cape and Islands. The Commission completed the work, which included developing access management, traffic safety, design, and infrastructure improvements, using a state-funded District Local Technical Assistance (DLTA) grant.
- » The Commission provided technical assistance on and maps for Barnstable's Multi-Hazard Mitigation Plan update, which FEMA conditionally approved pending local adoption (anticipated for August 2011).
- » The Commission's Planning Committee granted preliminary certification of the Barnstable 2010 Local Comprehensive Plan update.
- » The HOME Consortium made two down payment/closing cost loans totaling \$13,205 to low-income first-time homebuyers in Barnstable.
- » The HOME Consortium closed on a \$150,000 HOME loan to the Preservation of Affordable Housing for its acquisition, rehabilitation, and preservation of 124 affordable rental units at Cromwell Court.
- » The HOME Consortium made a conditional commitment of \$125,000 in HOME funds to Dakota Partners for the new construction of 60 affordable family rental units at the Village Green development.
- » Through the state-funded District Local Technical Assistance program, the Commission provided \$12,250 for the development of plans and maps to extend the Cape Cod Rail Trail through a section of Barnstable.
- » The Commission conducted 32 automatic traffic-recorder counts on road segments and one turning-movement count at an intersection in Barnstable.
- » The Commission continued to evaluate and discuss options identified in a roadway safety audit for the intersection of Route 28 and Bearse's Way.
- » With data collected by staff aided by an AmeriCorps Cape Cod member, the Commission identified the location of private wells in Barnstable to ensure the protection of private water supply wells from herbicide spraying adjacent to NSTAR utility rights-of-way (ROWs).
- » The Commission worked with the West Barnstable Fire Department to design a web-mapping application that shows sensitive areas that are inappropriate for the disposal of flame-retardant chemicals.
- » The Commission continued to support the town's work on its Comprehensive Wastewater Management Plan and related activities.
- » The Commission organized forums as part of its 'Watershed Tour,' to build public awareness and support for watershed-based wastewater planning in these watersheds in Barnstable:
 - » the Three Bays watershed (Barnstable, Sandwich, and Mashpee)
 - » the Popponeset Bay watershed (Barnstable, Sandwich, and Mashpee)
 - » the Lewis Bay watershed (Barnstable and Yarmouth)
- » The watershed initiative emphasizes the regional scope of watershed dynamics and encourages citizens to look past their town's boundaries when considering solutions for wastewater treatment. At the forums, the Commission distributes localized maps and information to better acquaint citizens with their watersheds, and shares data and concepts from the Commission's work to develop a regional wastewater management plan. The ultimate goal of these forums is to work with citizen stakeholders to develop cost effective and appropriately scaled wastewater solutions to benefit

and preserve Cape Cod's environment and economy for the future.

» The Commission conducted the annual Pond and Lake Stewardship (PALS) freshwater ponds sampling snapshot for Aunt Betty's, Barse, Bog, Eagle, Garrett's, Hamblin,

Hathaway, Hinckley, Joshua, Lewis, Little Parker, Long, Lovells, Lambert Mills, Mary Dunn, Micah, Middle, Mill, Muddy, Neck, Parker, Red Lily, Round, Rushy Marsh, Schoolhouse, Shallow, Shubael, and Stoney ponds; Crystal, Mystic,

and Wequaquet lakes; and Lake Elizabeth.

» The Commission organized water education festivals for students in Barnstable, Centerville, and Hyannis schools.

Regulatory Activities

DRI Mitigation Funds in Fiscal Year 2011

» The Commission provided \$30,032 for the town's hazardous materials education program; \$12,250 for development of plans to extend the Cape Cod Rail Trail through a section of Barnstable; and \$5,000 for a traffic alternatives plan for West Main Street/Hyannis.

DRI Decisions in Fiscal Year 2011

» BJ's Wholesale Club Addition – The Commission approved a Limited DRI Review scope for a proposed 19,438-sq.ft. addition to the existing wholesale club facility on Attucks Lane in Hyannis on 2/8/11.

Other DRIs

» The Village at Barnstable – The Commission approved a Development Agreement on 10/14/10.

DRI Minor Modifications

» Barnstable Municipal Airport – The Commission approved two minor modifications, one on 7/1/10 to address technical corrections, and one on 5/6/11 to alter the 2007 DRI decision to allow for the use of a different type of light fixture.

» BJ's Wholesale Club – The Commission approved a minor modification to allow a reduced schedule for reporting hazardous materials/wastes in the store's inventory and to change the parking area and external drainage basin connected to the fire suppression system on 8/16/11.

» Atlantis/Super Stop & Shop – The Commission approved a minor modification to allow realignment of a driveway on 11/1/10.

DRI Reviews Ongoing at Year End

» BJ's Wholesale Club Addition – a proposed 19,438-sq.ft. addition to the existing wholesale club facility on Attucks Lane in Hyannis under a Limited DRI Review scope.

Other Regulatory Assistance

» Craigville Beach District of Critical Planning Concern (DCPC) – The Commission voted unanimously to adopt implementing regulations for the district on 10/28/10; the Barnstable County Assembly of Delegates approved and adopted them as county ordinance on 1/19/11. The DCPC, originally designated in May 2008 and re-designated in November 2009, includes a barrier beach along

Nantucket Sound, an estuary system behind it, and freshwater ponds, and it encompasses many summer homes and cottages and a former 'Christian Camp Meeting' area, which is recognized within a National Register Historic District. The 2011 implementing regulations, adapted by the Commission from the town's own draft, address zoning regulations, environmental regulations, site development standards, and septic system pumping and reporting requirements, and discourage the installation of public wastewater infrastructure in the DCPC's barrier beach area. The added measures protect associated estuaries, limit wastewater disposal to groundwater and mitigate future storm damage to wastewater infrastructure, thereby protecting public investment.

» The Commission submitted comment letters to the Massachusetts Environmental Policy Act (MEPA) Office on (1) the Environmental Notification Form for the Barnstable Airport Master Plan (9/8/10), and (2) the Lower SEMA 345Kv Electric Line in Bourne, Sandwich, and Barnstable (10/25/10).

Town of Bourne

Planning, Community Development, and Technical Services

- » The Commission provided planning and GIS assistance to the town for the development of the Bourne portion of the Regional Land Use Vision Map (LUVV), which the Cape Cod Commission approved and the Barnstable County Assembly of Delegates adopted as an amendment to the Regional Policy Plan, effective March 4, 2011.
- » The Commission began a focused, interdisciplinary 'RESET' effort to assist the town in moving forward with community revitalization plans and land use changes. RESET (the Regional Economic Strategy Executive Team) members include Commission staff with policy, planning, regulatory, and technical expertise, each of whom brings his/her unique perspective and information to any project to produce specific, tangible deliverables (reports, land use planning, recommended changes to bylaws, and more) that are tailored to the needs of a specific town client. The RESET engagement with the Town of Bourne will continue through FY 2012:
 - » The Commission supported the Bourne Wastewater Committee's work on wastewater management and related activities, including a GIS update of potential public water supply areas for the Buzzards Bay and North Sagamore water districts. Continuing to work with that committee, RESET members will help assess water supply and demand and potential water supply sites, and will prepare a build-out analysis for downtown Buzzards Bay and the Bourne Development Campus north of the Cape Cod Canal.
 - » The team will also work with the town's administrator and planner to finalize the submittal of a Growth Incentive Zone (GIZ) application for downtown Buzzards Bay.
 - » RESET will also help the town complete a 'slum and blight' inventory for Main Street, Buzzards Bay to qualify for Community Development Block Grant funding.
 - » With the help of the Barnstable County Resource Development Office, the RESET group is helping the town file a \$1.4-million grant application through the state's MassWorks grant program to cover finalization of streetscape improvements for Main Street, Buzzards Bay.
 - » RESET will also work to help Bourne advance improvements to Belmont Circle on the Cape Cod Transportation Improvement Program for 2015.
- » The HOME Consortium made one down payment/closing cost loan totaling \$8,959 to a low-income first-time homebuyer in Bourne.
- » The HOME Consortium started the closing process on a \$150,000 HOME loan to the Housing Assistance Corporation for its 45-unit affordable senior rental development at Clay Pond Cove.
- » The Commission made a \$4,000 Affordable Housing Technical Assistance Program (TAP) award to the Town of Bourne for a consultant to prepare and submit a Community Development Block Grant housing rehab funding application to the Massachusetts Department of Housing and Community Development.
- » The Commission made a \$3,500 TAP award to the Bourne Affordable Housing Trust Fund for a housing rehab consultant to help applicants gain access to the US Department of Agriculture's rehab program.
- » The Commission conducted 19 automatic traffic-recorder counts on road segments and two turning-movement counts at intersections in Bourne.
- » The Commission developed a draft plan to add lane striping to the Bourne Rotary.
- » The Commission developed a transportation model and evaluated mitigation options for maintenance work on the Sagamore and Bourne bridges.
- » With data collected by staff members aided by an AmeriCorps

Cape Cod member, the Commission identified the location of private wells in Bourne to ensure the protection of private water supply

wells from herbicide spraying adjacent to NSTAR utility rights-of-way (ROWs).

» The Commission organized water education festivals for students in Bourne.

Regulatory Activities

DRI Mitigation Funds in Fiscal Year 2011

» The Commission provided \$19,927 for an access configuration plan for the US Army Corps of Engineers/Cape Cod Canal parking area in Buzzards Bay and \$10,000 for a survey and engineered plans for a new crossing on Little Sandy Pond Road.

DRI Minor Modifications

» National Marine Life Center - The Commission approved a minor modification to adjust the site plan and phasing of the project on 8/17/10.

DRI Reviews Ongoing at Year End

» New Generation Wind Joint Venture - the proposed construction of commercial wind energy turbines and access roadways on multiple parcels.

» Edgehill Park Subdivision - a proposed preliminary subdivision plan creating five roads and eight new lots on the same land that is subject to the New Generation Wind Joint Venture DRI review.

Other Regulatory Assistance

» The Commission submitted comment letters to the Massachusetts Environmental Policy Act (MEPA) Office on:

» the Environmental Assessment for the Air Force Center for Engineering and the Environment Wind Turbine Project (9/2/10);

» the Lower SEMA 345Kv Electric Line in Bourne, Sandwich, and Barnstable (10/25/10);

» Bourne Water Well #8 (12/16/10); and

» a new Massachusetts Military Reservation Training Program (4/22/11).

Town of Brewster

Planning, Community Development, and Technical Services

- » The Commission assisted the Pleasant Bay Alliance in developing a coastal atlas for Pleasant Bay.
- » The Commission made presentations on the Barnstable County Ocean Management Planning District of Critical Planning Concern (DCPC) to the Brewster Board of Selectmen and to a meeting of the Cape & Islands Renewable Energy Collaborative (CIREC).
- » The Commission conducted 10 automatic traffic-recorder counts on road segments in Brewster.
- » The Commission worked with The Compact of Cape Cod Conservation Trusts to update data about protected open space in Brewster.
- » With data collected by staff members aided by an AmeriCorps Cape Cod member, the Commission identified the location of private wells in Brewster to ensure the protection of private water supply wells from herbicide spraying adjacent to NSTAR utility rights-of-way (ROWs).
- » The Commission supported the town's work on its Comprehensive Wastewater Management Plan and related activities.
- » The Commission began watershed analysis for the Massachusetts Estuaries Project for Bass River.
- » The Commission organized a forum as part of its 'Watershed Tour,' to build public awareness and support for watershed-based wastewater planning in these watersheds in Brewster:
 - » the Bass River watershed (Brewster, Dennis, and Yarmouth)
 - » the Herring River watershed (Brewster, Harwich, and Dennis)
- » The watershed initiative emphasizes the regional scope of watershed dynamics and encourages citizens to look past their town's boundaries when considering solutions for wastewater treatment. At the forums, the Commission distributes localized maps and information to better acquaint citizens with their watersheds, and shares data and concepts from the Commission's work to develop a regional wastewater management plan. The ultimate goal of these forums is to work with citizen stakeholders to develop cost-effective and appropriately scaled wastewater solutions to benefit and preserve Cape Cod's environment and economy for the future.
- » The Commission conducted the annual Pond and Lake Stewardship (PALS) freshwater ponds sampling snapshot for Blueberry, Cahoon, Canoe, Cliff, Cobbs, Elbow, Flax, Greenland, Griffiths, Higgins, Little Cliff, Long, Lower Mill, Mill, Myricks, Owl, Pine, Schoolhouse, Seymour, Sheep, Slough, Smalls, Smith, Sols, Upper Mill, and Walkers ponds.

Regulatory Activities

DRI Decisions in Fiscal Year 2011

- » Windrift Acres – The Commission procedurally denied without prejudice a DRI for a proposed 22-lot subdivision plan on 55 acres in West Brewster on 9/30/10.

DRI Minor Modifications

- » Pleasant Bay Assisted Living – The Commission approved a minor modification for changes to the affordable housing requirements on 4/14/11.

DRI Reviews Ongoing at Year End

- » Windrift Acres (Resubmittal) – a proposed 22-lot subdivision plan on 55 acres in West Brewster.

Planning, Community Development, and Technical Services

» The Commission coordinated work by Boston University graduate students from September through December 2010 to inventory cultural landscapes, conduct public workshops, and compile a final report with maps for the Town of Chatham.

» The Commission provided technical assistance on historic review procedures to the Chatham Historical Commission (November 2010), and moderated a Chatham Historical Commission-sponsored forum on Chatham archaeology (May 2011).

» The Commission assisted the Pleasant Bay Alliance in developing a coastal atlas for Pleasant Bay.

» The Commission provided \$10,837 in District Local Technical

Assistance funds to help conduct visioning work (initiated in Fiscal Year 2010; completed in Fiscal Year 2011) to develop and coordinate land use planning and roadway improvements for the Route 28 corridor in West Chatham.

» The Commission conducted 21 automatic traffic-recorder counts on road segments and four turning movement counts at intersections in Chatham.

» The Commission provided transportation related technical assistance for the development of the Monomoy Access Plan.

» The Commission provided information for consideration about the replacement of the Mitchell River Bridge.

» The Commission continued to support the town's work on its Comprehensive Wastewater Management Plan, Adaptive Management Plan, and related activities.

» With data collected by staff members aided by an AmeriCorps Cape Cod member, the Commission identified the location of private wells in Chatham to ensure the protection of private water supply wells from herbicide spraying adjacent to NSTAR utility rights-of-way (ROWs).

» The Commission conducted water education festivals for students in Chatham schools.

Regulatory Activities

DRI Decisions in Fiscal Year 2011

» Commerce Park Cellular Tower Expansion – The Commission approved the proposed height increase (from 80 to 115 feet) for an existing unipole tower and expansion of the compound area within an industrial park as a Hardship Exemption with conditions on 12/16/10.

DRI Reviews Ongoing at Year End

» Dupont Residence – the proposed substantial alteration of a single-family dwelling listed as a contributing structure in a National Register Historic District.

Other Regulatory Assistance

» The Commission submitted comment letters to the Massachusetts Environmental Policy Act (MEPA) Office on the Environmental Notification Forms for (1) Cranberry Lane Culvert and Marsh Restoration (8/26/10); (2) Glass Shorefront Protection (10/7/10); and (3) Old Salt Works Bank Stabilization (10/25/10).

Town of Dennis

Planning, Community Development, and Technical Services

- » The Commission provided planning, GIS, and technical assistance to the town for its portion of the Regional Land Use Vision Map, which the Cape Cod Commission approved and the Assembly of Delegates adopted as an amendment to the Regional Policy Plan on March 4, 2011.
- » The Commission provided technical assistance on the town's Chapter H application for Development of Regional Impact (DRI) threshold relief.
- » The Commission assisted the Dennisport Revitalization Committee to create conceptual landscape plans and visualizations for proposed improvements to Dennisport Village Green.
- » The HOME Consortium closed on a \$60,000 HOME award to the Housing Assistance Corporation for its two-unit Dennis Homeownership Project that resulted in two first-time homebuyers purchasing deed-restricted affordable homes.
- » The Commission conducted 29 automatic traffic-recorder counts on road segments and four turning movement counts at intersections in Dennis.
- » With data collected by staff members aided by an AmeriCorps Cape Cod member, the Commission identified the location of private wells in Dennis to ensure the protection of private water supply wells from herbicide spraying adjacent to NSTAR utility rights-of-way (ROWs).
- » The Commission began watershed analysis and mapping for the Massachusetts Estuaries Project for Swan Pond and Bass River.
- » The Commission organized forums as part of its 'Watershed Tour,' to build public awareness and support for watershed-based wastewater planning in these watersheds in Dennis:
 - » the Bass River watershed (Dennis, Yarmouth, and Brewster)
 - » the Herring River watershed (Dennis, Brewster, and Harwich)
- » The watershed initiative emphasizes the regional scope of watershed dynamics and encourages citizens to look past their town's boundaries when considering solutions for wastewater treatment. At the forums, the Commission distributes localized maps and information to better acquaint citizens with their watersheds, and shares data and concepts from the Commission's work to develop a regional wastewater management plan. The ultimate goal of these forums is to work with citizen stakeholders to develop cost-effective and appropriately scaled wastewater solutions to benefit and preserve Cape Cod's environment and economy for the future.
- » The Commission conducted the annual Pond and Lake Stewardship (PALS) freshwater ponds sampling snapshot for Bakers, Cedar, Coles, Eagle, Flax, Fresh, Hiram, North Simmons, Run, Scargo, and White's ponds.

Planning, Community Development, and Technical Services

- » The Commission provided technical assistance on historic-review procedures to the Eastham Historic District Commission (October 2010).
- » The Commission coordinated work by Boston University graduate students from September through December 2010 to inventory cultural landscapes, conduct public workshops, and compile a final report with maps for the Town of Eastham.
- » The Commission provided \$3,000 in District Local Technical Assistance funds for a facilitator to work with the towns of Eastham and Wellfleet on potential opportunities for joint public safety operations.
- » The Commission provided technical assistance for several transportation-related projects on the Outer Cape:
 - » an Outer Cape Bicycle Shuttle, to be implemented in FY 2012 (operational in August 2011)
- » a Satellite Maintenance Facility Feasibility Study that examined the potential for a maintenance facility for Cape Cod Regional Transit Authority vehicles with possible availability to Outer Cape towns
 - » a Cape Cod National Seashore Integrated Parking and Transit Study that looked at alternatives to beach parking for all beaches located on the Lower/Outer Cape. The study included future demand and existing facilities risk analyses, potential central parking options, and shuttle routes to serve the beaches.
- » The Commission conducted 13 automatic traffic-recorder counts on road segments and four turning movement counts at intersections in Eastham.
- » With data collected by staff members aided by an AmeriCorps Cape Cod member, the Commission identified the location of private wells in Eastham to ensure the protection of private water supply wells from herbicide spraying adjacent to NSTAR utility rights-of-way (ROWs).
- » The Commission provided the mapping and geographic data analysis for the Nauset Marsh watershed analysis for the Massachusetts Estuaries Project.
- » The Commission supported the town's work on its Comprehensive Wastewater Management Plan and related activities.
- » The Commission conducted the annual Pond and Lake Stewardship (PALS) freshwater ponds sampling snapshot for Bridge, Depot, Great, Herring, Higgins, Jemima, Little Depot, Minister, Moll's, Muddy, Penny, Schoolhouse, and Widow Harding ponds.
- » The Commission conducted water education festivals for students in Eastham.

Regulatory Activities

- » The Commission submitted a comment letter to the Massachusetts Environmental Policy Act (MEPA) Office on the Environmental Notification Form for the Sunken Meadow Marsh Culvert Restoration (1/13/11).

Town of Falmouth

Planning, Community Development, and Technical Services

- » The Commission continued to support the work of the Falmouth Planning Board and the Local Comprehensive Planning Committee on the town's Local Comprehensive Plan update.
- » The Commission committed \$40,000 in District Local Technical Assistance funds to the Mashpee/Falmouth EDIC business plan project.
- » The HOME Consortium made one down payment/closing cost loan totaling \$10,000 to a low-income first-time homebuyer in Falmouth.
- » The HOME Consortium made a conditional commitment and then closed on a \$150,000 HOME loan to Falmouth Housing Corporation for the new construction of 39 affordable rental units for households age 55 and over and for non-elderly individuals with disabilities at its Veterans Park/Schoolhouse Green development.
- » The Commission conducted 24 automatic traffic-recorder counts on road segments in Falmouth.
- » With data collected by staff members aided by an AmeriCorps Cape Cod member, the Commission identified the location of private wells in Falmouth to ensure the protection of private water supply wells from herbicide spraying adjacent to NSTAR utility rights-of-way (ROWS).
- » The Commission supported the town's work on its Comprehensive Wastewater Management Plan and related activities.
- » The Commission provided mapping and geographic data analysis for the Falmouth Inner Harbor, Quissett, Rands Fiddler, Waquoit Bay East, and Wild Harbor watersheds analyses for the Massachusetts Estuaries Project and began the watershed analysis for Waquoit Bay West.
- » The Commission organized a forum as part of its 'Watershed Tour,' to build public awareness and support for watershed-based wastewater planning in the Waquoit Bay East watershed (Falmouth, Mashpee, and Sandwich). The watershed initiative emphasizes the regional scope of watershed dynamics and encourages citizens to look past their town's boundaries when considering solutions for wastewater treatment. At the forums, the Commission distributes localized maps and information to better acquaint citizens with their watersheds, and shares data and concepts from the Commission's work to develop a regional wastewater management plan. The ultimate goal of these forums is to work with citizen stakeholders to develop cost-effective and appropriately scaled wastewater solutions to benefit and preserve Cape Cod's environment and economy for the future.
- » The Commission conducted water education festivals for students in Falmouth.

Regulatory Activities

DRI Mitigation Funds in Fiscal Year 2011

- » The Commission provided \$128,269 in mitigation funds for the town's Worcester Court/Jones Road and Davisville Road/Route 28 intersections improvement project.

DRI Decisions in Fiscal Year 2011 (in chronological order)

- » Falmouth Youth Hockey Ice Arena – The Commission approved a Limited DRI Hardship Exemption with conditions for the proposed redevelopment of an existing 6.9-acre vacant commercial site to construct a new 56,962-sq.ft. ice arena for public use on 1/6/11.
- » WHOI Quissett Campus/ LOSOS Building – The Commission approved a Limited DRI Hardship

Exemption with conditions for the proposed construction of a 26,600-sq.ft. building for the Laboratory of Ocean Sensors and Observing Systems at the Woods Hole Oceanographic Institution on 3/17/11.

Other DRIs

» Raymond Park Industrial Subdivision/Falmouth EDIC – The Commission issued a waiver certificate on 2/28/11 relative to the 8/21/08 Hardship Exemption decision.

DRI Minor Modifications

» Raymond Park Industrial Subdivision/Falmouth EDIC – The Commission approved a minor modification to recombine lots on 9/27/10.

» WHOI Quissett Campus/LOSOS Building – The Commission approved a minor modification to adjust the projection of water use data based on a smaller building on 5/11/11.

» Falmouth Youth Hockey Ice Arena – The Commission approved a minor modification to allow the addition of solar arrays to the roof and in the parking areas on 5/26/11.

Other Regulatory Assistance

» The Commission submitted a comment letter to the Massachusetts Environmental Policy Act (MEPA) Office on (1) the Environmental Impact Report for the Thomas B. Landers Parking Facility (9/22/10), and (2) a new Massachusetts Military Reservation Training Program (4/22/11).

Town of Harwich

Planning, Community Development, and Technical Services

- » The Commission provided \$28,000 in calendar year 2010 and \$7,500 in calendar year 2011 from District Local Technical Assistance funds to prepare and complete the Saquatucket and Wychmere Harbor Baseline Study and Conceptual Plan. The plan reviews existing conditions at both harbors, identifies priority land- and water-based harbor uses based on Commission-facilitated meetings, and developed conceptual plans for Saquatucket Harbor for enhancing the harbor's economic potential and visitor accessibility.
- » The Commission's Planning Committee pre-certified the town's revised Local Comprehensive Plan on April 25, 2011.
- » The Commission prepared an East Harwich Village Center Handbook that contained concept plans, maps, regulations, and design guidelines for East Harwich as part of the agency's work for the town and East Harwich Village Collaborative. The Commission also continued to participate as a member of the East Harwich Village Collaborative.
- » The Commission continued to provide planning and GIS support for the town's portion of the Regional Land Use Vision Map.
- » The Commission assisted the Pleasant Bay Alliance in developing a coastal atlas for Pleasant Bay.
- » The Commission prepared a map for the Harwich Youth Council and contributed to the town's Multi-Hazard Mitigation Plan.
- » The Community Development Partnership completed its HOME-supported project to construct 12 affordable family rental units at Thankful Chases Pathway. The project achieved a Platinum LEED® certification and, at the HOME Program's 20th anniversary conference, won an Honorable Mention award for producing sustainable housing.
- » The Commission provided \$3,000 in District Local Technical Assistance funds for a regional dispatch study for the towns of Wellfleet and Harwich.
- » The Commission provided \$15,000 in District Local Technical Assistance funds to complete a bicycle study and plan with maps to provide safe and effective pedestrian and bicycle facilities between the Cape Cod Rail Trail/Old Colony Rail Trail and Route 28. The specific focus is on a connection between Harwich Center and Harwich Port to enhance the economic development of Saquatucket Harbor and provide safe pedestrian and bicycle connections as well as shuttle bus service between Wychmere and Saquatucket harbors.
- » The Commission conducted 13 automatic traffic-recorder counts on road segments in Harwich.
- » The Commission upgraded communications and calibration of automated traffic-counting functions at Route 39/Route 137.
- » With data collected by staff members aided by an AmeriCorps Cape Cod member, the Commission identified the location of private wells in Harwich to ensure the protection of private water supply wells from herbicide spraying adjacent to NSTAR utility rights-of-way (ROWs).
- » The Commission completed watershed analyses and mapping for the Massachusetts Estuaries Project for the Wychmere, Allen, and Saquatucket watersheds.
- » The Commission organized forums as part of its 'Watershed Tour,' to build public awareness and support for watershed-based wastewater planning in the Herring River watershed (Harwich, Brewster, and Dennis). The watershed initiative emphasizes the regional scope of watershed dynamics and encourages citizens to look past their town's boundaries when considering solutions for wastewater treatment. At the forums, the Commission distributes localized maps and information to better acquaint citizens with their watersheds, and shares data and concepts from the Commission's work to develop a regional wastewater management plan. The ultimate goal of these forums is to work with citizen stakeholders to

develop cost-effective and appropriately scaled wastewater solutions to benefit and preserve Cape Cod's environment and economy for the future.

Regulatory Activities

DRI Mitigation Funds in Fiscal Year 2011

» The Commission provided \$34,490 for the Long Pond Drive multimodal-lane project.

Other Regulatory Assistance

» The Commission submitted a comment letter to the Massachusetts Environmental Policy Act (MEPA) Office on the Environmental Notification Form for the Maher Pier and Stairway (3/28/11).

Town of Mashpee

Planning, Community Development, and Technical Services

- » Habitat for Humanity of Cape Cod completed its HOME supported project to construct and sell three affordable homes on town-donated parcels.
- » The HOME Consortium made a conditional commitment of \$175,000 in HOME funds to Housing Assistance Corporation for the new construction of 10 affordable family rental units at its Breezy Acres development.
- » The Commission worked with the Mashpee Wampanoag Tribe on grant proposals for a transit needs assessment and a pavement management system for the tribal roads designated by the Bureau of Indian Affairs.
- » The Commission conducted 13 automatic traffic-recorder counts on road segments in Mashpee.
- » The Commission provided \$26,000 in District Local Technical Assistance funds for a master addressing program and committed \$40,000 in District Local Technical Assistance funds to the Mashpee/Falmouth EDIC business plan project.
- » With data collected by staff members aided by an AmeriCorps Cape Cod member, the Commission identified the location of private wells in Mashpee to ensure the protection of private water supply wells from herbicide spraying adjacent to NSTAR utility rights-of-way (ROWS).
- » The Commission provided the mapping and geographic data analysis for the Waquoit Bay East and Waquoit Bay West watershed analyses for the Massachusetts Estuaries Project.
- » The Commission organized forums as part of its 'Watershed Tour,' to build public awareness and support for watershed-based wastewater planning in these watersheds in Mashpee:
 - » the Waquoit Bay East watershed (Mashpee, Falmouth, and Sandwich)
 - » the Popponeset Bay watershed (Mashpee, Sandwich, and Barnstable)
 - » the Three Bays watershed (Mashpee, Sandwich, and Barnstable)
- » The watershed initiative emphasizes the regional scope of watershed dynamics and encourages citizens to look past their town's boundaries when considering solutions for wastewater treatment. At the forums, the Commission distributes localized maps and information to better acquaint citizens with their watersheds, and shares data and concepts from the Commission's work to develop a regional wastewater management plan. The ultimate goal of these forums is to work with citizen stakeholders to develop cost-effective and appropriately scaled wastewater solutions to benefit and preserve Cape Cod's environment and economy for the future.
- » The Commission conducted the annual Pond and Lake Stewardship (PALS) freshwater ponds sampling snapshot for Ashumet, John's, Mashpee, Moody, Santuit, and Wakeby ponds.
- » The Commission conducted water education festivals for students in Mashpee's Quashnet School.

Regulatory Activities

DRI Mitigation Funds in Fiscal Year 2011

- » The Commission provided \$230,569 for the Route 130 bike path construction project; \$7,942

for an archaeological survey required for a watershed planning study; and \$5,000 for a Pirates Cove nitrogen-reduction demonstration project.

DRI Minor Modifications

- » Mashpee Commons Jobs-Whiting Neighborhood – The Commission approved a minor modification to allow development

of a less than 2,000-sq.ft. bank building on 11/1/10.

DRI Reviews Ongoing at Year End

» Cape Cod Cooperative Bank Preliminary Plan (Resubmittal) – a proposed subdivision of 48 acres. Proposed, withdrawn, and resubmitted several times; the Commission accepted the first withdrawal on 12/2/10 and the second on 3/17/11.

» Community Health Center of Cape Cod – the proposed two-story, 22,000-sq.ft. expansion to the existing 9,900-sq.ft. Mashpee Community Health Center.

Other Regulatory Assistance

» The Commission submitted comment letters to the Massachusetts Environmental Policy Act (MEPA) Office for (1) the Environmental Notification Form for the Welch Pier (9/10/10); (2) the Environmental Notification Form for the Mashpee Wampanoag Tribal Housing 40B project (12/10/10); and (3) a new Massachusetts Military Reservation Training Program (4/22/11).

Town of Orleans

Planning, Community Development, and Technical Services

- » The Commission assisted the town with development of its draft Multi-Hazard Mitigation Plan.
- » The Commission assisted the Pleasant Bay Alliance in developing a coastal atlas for Pleasant Bay.
- » The Commission committed \$20,000 in District Local Technical Assistance funds to the Orleans Streetscape project, an initiative centering on the Route 6A/Main Street intersection, including landscape design, planning, and mapping services.
- » The Commission conducted 28 automatic traffic-recorder counts on road segments and six turning-movement counts at intersections in Orleans.
- » With data collected by staff members aided by an AmeriCorps Cape Cod member, the Commission identified the location of private wells in Orleans to ensure the protection of private water supply wells from herbicide spraying adjacent to NSTAR utility rights-of-way (ROWs).
- » The Commission provided the mapping and geographic data analysis for the Nauset Marsh watershed analysis for the Massachusetts Estuaries Project.
- » The Commission supported the town's work on its Comprehensive Wastewater Management Plan and related activities.
- » The Commission conducted the annual Pond and Lake Stewardship (PALS) freshwater ponds sampling snapshot for Bakers, Bolands, Cedar, Critchet's, Deep, Gould, Ice House, Kettle, Little Gould, Little Inn on Pleasant Bay, Meadow Bog, Reuben's, Sarah's, Shoal, Twinings, Uncle Harvey's, Uncle Israel's, and Uncle Seth's ponds, and Crystal and Pilgrim lakes.
- » The Commission conducted water education festivals for students in Orleans.

Regulatory Activities

DRI Reviews Ongoing at Year End

- » Orleans Comprehensive Wastewater Management Plan – a proposed draft plan that identifies and evaluates three alternative plans for wastewater treatment and disposal.

Other Regulatory Assistance

- » The Commission submitted a comment letter to the Massachusetts Environmental Policy Act (MEPA) Office on the Environmental Notification Form for the River Road Boat Ramp Reconstruction (3/8/11).

Planning, Community Development, and Technical Services

» The Commission assisted the town with development of its final Multi-Hazard Mitigation Plan, submitted to the Federal Emergency Management Agency (FEMA) for review.

» The HOME Consortium made one down payment/closing cost loan totaling \$8,540 to a low income first-time homebuyer in Provincetown.

» The HOME Consortium made a conditional commitment of \$100,000 in HOME funds to Community Housing Resource for the redevelopment of 15 affordable rental units at 83 Shank Painter Road.

» The Commission provided technical assistance for several transportation related projects on the Outer Cape:

» an Outer Cape Bicycle Shuttle, to be implemented in FY 2012 (operational in August 2011)

» a Satellite Maintenance Facility Feasibility Study that examined the potential for a maintenance facility for Cape Cod Regional Transit Authority vehicles with possible availability to Outer Cape towns

» a Cape Cod National Seashore Integrated Parking and Transit Study that looked at alternatives to beach parking for all beaches located on the Lower/Outer Cape. The study included future demand and existing facilities risk analyses, potential central parking options, and shuttle routes to serve the beaches.

» The Commission conducted eight automatic traffic-recorder counts on road segments and six turning-movement counts at intersections in Provincetown.

» The Commission developed a scope of work for a Provincetown/Truro Bicycle Master Plan; the

Boards of Selectmen in both towns approved the scope and work will begin in FY2012.

» The Commission began the Shank Painter Road Corridor Study, which will define transportation improvements, including bicycle and pedestrian accommodations, in the corridor.

» The Commission worked with The Compact of Cape Cod Conservation Trusts to update data about protected open space in Provincetown.

» The Commission supported the town's work on its Phase 3 sewer extension project.

» The Commission conducted the annual Pond and Lake Stewardship (PALS) freshwater ponds sampling snapshot for Clapps Pond.

» The Commission conducted water education festivals for students in Provincetown.

Regulatory Activities

DRI Decisions in Fiscal Year 2011

» Waste Treatment Telecommunications Monopole – The Commission approved as a DRI with conditions the proposed construction of a wireless telecommunications facility in a 40x40-foot compound on 9/30/10.

DRI Minor Modifications

» Cape End Care Campus/Cape End Manor/Seashore Point – The Commission approved a minor modification to allow changes to the phasing of the project on 4/7/11

Town of Sandwich

Planning, Community Development, and Technical Services

- » The Commission continued to provide technical assistance and GIS support for the town's Multi-Hazard Mitigation Plan update.
- » The Commission provided technical assistance to the Old Kings Highway Historic District Committee in their review of alterations to significant historic structures.
- » The HOME Consortium made a conditional commitment of \$175,000 in HOME funds to the Housing Assistance Corporation for 10 affordable single-person rental units for the first phase of its Community Green development.
- » The Commission conducted 10 automatic traffic-recorder counts on road segments in Sandwich.
- » The Commission initiated and completed a bicycle planning study with maps of potential interconnections that would establish links and improve bicycle and pedestrian facilities between the existing Cape Cod Canal multi-use path and the historic and business areas of downtown Sandwich.
- » The Commission provided mapping support for the Scorton Creek watershed analysis for the Massachusetts Estuaries Project.
- » The Commission provided \$25,000 in District Local Technical Assistance funds and completed technical planning assistance for wastewater management in South Sandwich, including GIS maps to help analyze different scenarios in the 'Golden Triangle' and neighboring industrial areas.
- » The Commission organized forums as part of its 'Watershed Tour,' to build public awareness and support for watershed-based wastewater planning in these watersheds in Sandwich:
 - » the Waquoit Bay East watershed (Sandwich, Falmouth, and Mashpee)
 - » the Popponesset Bay watershed (Sandwich, Mashpee, and Barnstable)
 - » the Three Bays watershed (Sandwich, Mashpee, and Barnstable)
- » The watershed initiative emphasizes the regional scope of watershed dynamics and encourages citizens to look past their town's boundaries when considering solutions for wastewater treatment. At the forums, the Commission distributes localized maps and information to better acquaint citizens with their watersheds, and shares data and concepts from the Commission's work to develop a regional wastewater management plan. The ultimate goal of these forums is to work with citizen stakeholders to develop cost-effective and appropriately scaled wastewater solutions to benefit and preserve Cape Cod's environment and economy for the future.
- » The Commission conducted the annual Pond and Lake Stewardship (PALS) freshwater ponds sampling snapshot for Lawrence, Spectacle, and Triangle ponds.
- » The Commission conducted water education festivals for students in the Forestdale School.

Regulatory Activities

DRI Mitigation Funds in Fiscal Year 2011

- » The Commission provided \$25,465 for work related to the preservation of the Roberti Farm.

DRI Decisions in Fiscal Year 2011

- » Forestdale Village (Resubmittal) – The Commission twice denied on procedural grounds without

prejudice a proposed 100,000-sq. ft. commercial development on Route 130, once on 9/30/10 and again on 5/12/11.

DRI Minor Modifications

» Riverview School – The Commission approved a minor modification to allow changes to the on-site stormwater management system on 9/10/10.

DRI Reviews Ongoing at Year End

» Sagamore Line Reinforcement Project (Western Segment) – the proposed installation of 11,000 feet of 20-inch diameter gas pipeline along Service Road between Route 130 and Quaker Meetinghouse Road.

Other Regulatory Assistance

» The Commission submitted comment letters to the Massachusetts Environmental Policy Act (MEPA) Office on (1) the Lower SEMA 345Kv Electric Line in Bourne, Sandwich, and Barnstable (10/25/10); and (2) a new Massachusetts Military Reservation Training Program (4/22/11).

Town of Truro

Planning, Community Development, and Technical Services

- » The Commission served as technical advisors to the Herring River Restoration Committee, which is working on restoration of about 1,000 acres of salt marsh in the towns of Wellfleet and Truro.
- » Highland Affordable Housing completed its HOME-supported two-unit affordable rental development at Helen's Way.
- » The HOME Consortium made a conditional commitment of \$125,000 in HOME funds to Community Housing Resource for its Sally's Way 16-unit affordable family rental development on town-donated land.
- » The Commission provided technical assistance for several transportation-related projects on the Outer Cape:
 - » an Outer Cape Bicycle Shuttle, to be implemented in FY 2012 (operational in August 2011)
 - » a Satellite Maintenance Facility Feasibility Study that examined the potential for a maintenance facility for Cape Cod Regional Transit Authority vehicles with possible availability to Outer Cape towns
 - » a Cape Cod National Seashore Integrated Parking and Transit Study that looked at alternatives to beach parking for all beaches located on the Lower/Outer Cape. The study included future demand and existing facilities risk analyses, potential central parking options, and shuttle routes to serve the beaches.
- » The Commission conducted six automatic traffic-recorder counts on road segments in Truro.
- » The Commission developed a scope of work for a Provincetown/Truro Bicycle Master Plan.
- » The Commission performed a speed study on Corn Hill Road.
- » The Commission prepared a report for the town summarizing traffic-calming strategies and associated costs.
- » The Commission conducted the annual Pond and Lake Stewardship (PALS) freshwater ponds sampling snapshot for Duck and Great ponds.

Regulatory Activities

DRI Reviews Ongoing at Year End

- » Herring River Restoration – the proposed restoration of about 1,000 acres of salt marsh in the towns of Wellfleet and Truro.

Planning, Community Development, and Technical Services

- » The Commission assisted the town in assessing existing bank erosion and the condition of the structures associated with the boat-rental operation on Gull Pond. The Commission provided technical advice concerning possible mitigation for the existing bank erosion and failing structures at the site.
- » The Commission continues to serve as technical advisors to the Herring River Restoration Committee, working on restoration of about 1,000 acres of salt marsh in Wellfleet and Truro.
- » The Commission participated in a workshop sponsored by the Wellfleet Town Forum on issues about the scale of residential development in town, and provided technical assistance to the Wellfleet Planning Board.
- » The Commission worked with the town's architectural review board and Cape Cod Modern House Trust to develop a Wellfleet Modern House Inventory map.
- » The Commission provided a technical review and comments on drafts of a new affordable housing zoning bylaw that was adopted at Town Meeting.
- » The Commission provided \$3,000 in District Local Technical Assistance funds for a facilitator to work with the towns of Eastham and Wellfleet on potential opportunities for joint public safety operations.
- » The Commission provided \$3,000 in District Local Technical Assistance funds for a regional dispatch study for the towns of Wellfleet and Harwich.
- » The Commission provided technical assistance for several transportation-related projects on the Outer Cape:
 - » an Outer Cape Bicycle Shuttle, to be implemented in FY 2012 (operational in August 2011)
 - » a Satellite Maintenance Facility Feasibility Study that examined the potential for a maintenance facility for Cape Cod Regional Transit Authority vehicles with possible availability to Outer Cape towns
- » a Cape Cod National Seashore Integrated Parking and Transit Study that looked at alternatives to beach parking for all beaches located on the Lower/Outer Cape. The study included future demand and existing facilities risk analyses, potential central parking options, and shuttle routes to serve the beaches.
- » The Commission conducted five automatic traffic-recorder counts on road segments in Wellfleet.
- » With data collected by staff members aided by an AmeriCorps Cape Cod member, the Commission identified the location of private wells in Wellfleet to ensure the protection of private water supply wells from herbicide spraying adjacent to NSTAR utility rights-of-way (ROWs).
- » The Commission began watershed analysis with maps and geographic data for the Massachusetts Estuaries Project for Wellfleet.
- » The Commission conducted water education festivals for students in Wellfleet.

Regulatory Activities

DRI Reviews Ongoing at Year End

- » Herring River Restoration – the proposed restoration of about 1,000 acres of salt marsh in the towns of Wellfleet and Truro.

Town of Yarmouth

Planning, Community Development, and Technical Services

» The Commission completed 'RESET' work to help the town plan for future commercial activity centers along the Route 28 corridor. (RESET, or the Regional Economic Strategy Execution Team, is a focused, interdisciplinary effort by Commission staff. RESET members have policy, planning, regulatory, GIS, and technical expertise, and each brings his/her unique perspective and information to any project to produce specific, tangible deliverables such as reports, zoning bylaws, and more that are tailored to the needs of a specific town client.) The Commission's RESET group delivered a final report in June 2011 to the town that included a build-out analysis for alternative development scenarios, and temporary use alternatives for a waterfront park, concept plans, sketches, and visuals to help the town's visioning for the streetscape and town-owned properties in the area.

» The Commission made a presentation on the Barnstable County Ocean Management Planning District of Critical Planning Concern (DCPC) to the Yarmouth Board of Selectmen.

» The Commission provided assistance to the town historical commission reviewing proposed alterations to historic structures in the South Yarmouth National Register Historic District.

» The HOME Consortium made one down payment/closing cost loan totaling \$10,584 to a low-income first-time homebuyer in Yarmouth.

» The HOME Consortium made a conditional commitment of \$150,000 in HOME funds to Stratford Capital Group for its Simpkins Residences project, the redevelopment and addition to a vacant school to create 65 rental units, 58 of which will be affordable, for households age 55 and over.

» The Commission conducted 23 automatic traffic-recorder counts on road segments and two turning-movement counts at intersections in Yarmouth.

» The Commission provided mapping and geographic data for the town's Multi-Hazard Mitigation Plan and an environmental sustainability project.

» With data collected by staff members aided by an AmeriCorps Cape Cod member, the Commission identified the location of private wells in Yarmouth to ensure the protection of private water supply wells from herbicide spraying adjacent to NSTAR utility rights-of-way (ROWs).

» The Commission supported the town's work on its Comprehensive Wastewater Management Plan and committed \$25,000 in District Local

Technical Assistance funds for a build-out analysis in Yarmouth, and began working with the town to evaluate and prepare a town-wide analysis for wastewater planning consistent with the requirements of zero-percent financing under the State Revolving Loan Fund program.

» The Commission began watershed analysis with mapping and geographic data for the Bass River watershed analysis for the Massachusetts Estuaries Project.

» The Commission organized forums as part of its 'Watershed Tour,' to build public awareness and support for watershed-based wastewater planning in these watersheds in Yarmouth:

» the Lewis Bay watershed (Yarmouth and Barnstable)

» the Bass River watershed (Yarmouth, Dennis, and Brewster)

» The watershed initiative emphasizes the regional scope of watershed dynamics and encourages citizens to look past their town's boundaries when considering solutions for wastewater treatment. At the forums, the Commission distributes localized maps and information to better acquaint citizens with their watersheds, and shares data and concepts from the Commission's work to develop a regional wastewater management plan. The ultimate goal of

these forums is to work with citizen stakeholders to develop cost-effective and appropriately scaled wastewater solutions to benefit and preserve Cape Cod's environment and economy for the future.

» The Commission conducted the annual Pond and Lake Stewardship (PALS) freshwater ponds sampling snapshot for Dennis, Flax, Greenough, Long, and Tom Matthews ponds.

» The Commission conducted water education festivals for students at the Mattacheese Elementary School.

Regulatory Activities

DRI Mitigation Funds in Fiscal Year 2011

» The Commission provided \$63,473 for the South Shore Drive sidewalk construction project; \$5,647 for the Route 28 Phase II project; and \$4,900 for the Long Pond Dam assessment.

DRI Decisions in Fiscal Year 2011 (in chronological order)

» Simpkins School Redevelopment – The Commission approved as a 'Project of Community Benefit' (POCB) Hardship Exemption the proposed renovation and 39,366 sq.ft. addition to an existing 41,834 sq.ft. 1930 school building to create 65 units of affordable housing for households age 55 and over on 4.1 acres in South Yarmouth on 1/6/11.

» Red Jacket Resorts Development Agreement – The Commission authorized a 20-year development agreement with the Red Jacket Resorts/Davenport Companies for the redevelopment of existing hotels and cottages on 15.5 acres along South Shore Drive on 3/3/11.

» Gladstone, LLC – The Commission approved a Limited DRI Review scope on the proposed relocation of a 17,150 sq.ft. structure from Hyannis to 31 Aaron's Way in West Yarmouth for warehouse, accessory, and office uses on 3/17/11.

Other DRIs

» Cape Wind Energy Project – On 8/31/10, the Massachusetts Supreme Judicial Court affirmed the decision of the state Energy Facilities Siting Board to grant a 'Certificate of Environmental Impact and Public Interest' for the proposed 130-tower wind energy facility in Nantucket Sound.

DRI Minor Modifications

» Simpkins School Redevelopment – The Commission approved a minor modification to change the number of affordable rental apartments to allow seven market-rate units on 5/31/11.

DRI Reviews Ongoing at Year End

» Gladstone, LLC – the proposed relocation of a 17,150 sq.ft. structure from Hyannis to 31 Aaron's Way in West Yarmouth for warehouse, accessory, and office uses.

» Yarmouth Comprehensive Wastewater Management Plan – the proposed plan for the construction and operation of a wastewater treatment plant, pumping stations, sewer mains, and related facilities; the plan is undergoing joint Massachusetts Environmental Policy Act (MEPA) and DRI review.

Other Regulatory Assistance

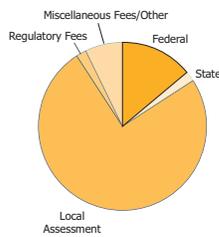
» The Commission provided technical comments about DRI thresholds and other regulatory matters to Yarmouth's Director of Community Development.

Fiscal Year 2011

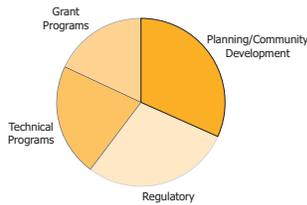
FINANCIALS

Cape Cod Environmental Protection Fund (CCEPF)

REVENUE



EXPENSES



» Revenue

Federal.....	\$ 525,613.69	14%
State.....	91,125.91	2%
Local Assessment.....	2,887,247.00	75%
Regulatory Fees*.....	65,576.82	2%
Misc Fees/Other.....	259,266.24	7%
County.....	0.00	0%
	\$3,828,829.66	100%

» Expenses

Planning/Community Development.....	\$1,308,722.76	32%
Regulatory.....	1,182,335.17	29%
Technical Programs**.....	895,953.73	22%
Grant Programs.....	722,226.59	18%
	\$4,109,238.24	100%

» Fund Balance

Previous Fund Balance.....	\$1,794,807.70
Revenue Over (Under) Expenses.....	(280,408.58)
ENDING FY11 FUND BALANCE.....	\$1,514,399.12

- Committed Funds: FY11 Encumbrances..... \$ 139,321.39
- Committed Funds: FY12 Appropriations..... 618,268.00
- Committed Funds: Legal Costs..... 250,000.00
- Committed Funds: Continuing Appropriations..... 47,683.21
- Committed Funds: Unfunded Workers Compensation..... 13,000.00
- Committed Funds: Building/Capital Fund 75,000.00
- Unassigned CCEPF Balance..... 371,126.52
- \$1,514,399.12**

NOTES:

*Regulatory Fees: 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 next page.

**Includes:

Technical Services.....	\$143,247.69
Transportation Planning.....	\$ 27,962.20
Water Resources.....	\$449,409.13
Geographic Information System.....	\$275,334.73

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, for example, by making traffic improvements or by providing affordable housing in a new residential development. When it is not practical to correct a problem directly, a 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 the 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, they submit a request to the Commission, and a Memorandum of Agreement is executed with the town.

» DRI Mitigation Funds Available to Cape Cod Towns, as of 7/1/11

	Transportation	Open Space	Affordable Housing	Water Resources	Economic Development	Hazardous Materials	Total
Barnstable	\$843,142		\$13,554	\$1,014	\$40,233		\$897,943
Bourne*	\$124,682		\$219,779	\$576			\$345,037
Brewster	\$4,198						\$4,198
Chatham							\$0
Dennis							\$0
Falmouth*	\$488,537			\$50,202			\$538,740
Harwich	\$174,478	\$165,951		\$5,539			\$345,968
Mashpee*	\$109,452		\$280,584	\$465,918			\$855,954
Orleans*			\$82,465	\$2,508			\$84,973
Sandwich*	\$161,770	\$15,564		\$14,879			\$192,213
Yarmouth*	\$23,021	\$26,287					\$49,309
Subtotal	\$1,929,281	\$207,802	\$596,381	\$540,636	\$40,233	\$0	\$3,314,333

* Current agreements obligate some available funds.

» DRI Mitigation Funds Previously Provided to Cape Cod Towns, as of 7/1/11

	Transportation	Open Space	Affordable Housing	Water Resources	Economic Development	Hazardous Materials	Total
Barnstable	\$635,730	\$388,160	\$45,093		\$52,500	\$95,122	\$1,216,606
Bourne	\$170,470		\$319,907				\$490,376
Brewster	\$2,250						\$2,250
Chatham	\$6,138						\$6,138
Dennis	\$23,652						\$23,652
Falmouth	\$280,572	\$109,201		\$82,807			\$472,580
Harwich	\$143,627	\$75,962		\$9,712			\$229,301
Mashpee	\$1,337,235						\$1,337,235
Orleans	\$70,932	\$564,647	\$26,000				\$661,579
Sandwich	\$209,886	\$25,466	\$1,264,298				\$1,499,649
Yarmouth	\$419,818			\$16,000			\$435,818
Subtotal	\$3,300,310	\$1,163,436	\$1,655,298	\$108,519	\$52,500	\$95,122	\$6,375,184

Cape Cod Commission

Staff

Fiscal Year 2011:

Executive Director: Paul Niedzwiecki

Deputy Director: Patty Daley

PLANNING AND COMMUNITY DEVELOPMENT

Chief Planner Sharon Rooney

AFFORDABLE HOUSING:

Affordable Housing Specialist Paul Ruchinskas

Affordable Housing Department Assistant III Michelle Springer

ECONOMIC DEVELOPMENT:

Economic Development Officer Leslie Richardson

Economic Development Officer Dan Dray (until mid June 2011)

Data Center Research Analyst Ryan Ellison

Special Projects Coordinator Sandra Perez

PLANNING:

Senior Community Design Planner Phil Dascombe

Planner II Ryan Christenberry

Planner II Martha Hevenor

Planner II Sarah Korjeff

Coastal Resources Specialist Andy Walsh

Natural Resources/Land Protection Specialist Heather McElroy

TECHNICAL SERVICES

Technical Services Director Patty Daley (until January 2011),
then Glenn Cannon

GEOGRAPHIC INFORMATION SYSTEM (GIS):

GIS Manager Anne Reynolds

GIS Analyst Phil "Jay" Detjens

GIS Analyst Gary Prahm

GIS Analyst Michael Savarese (until January 2011), then
Kate Armstrong

TRANSPORTATION:

Senior Transportation Engineer Lev Malakhoff

Transportation Engineer PE Glenn Cannon (until January 2011)

Transportation Engineer PE Clay Schofield

Senior Transportation Planner Priscilla Leclerc

Transportation Analyst Andy Koziol (until May 2011)

WATER RESOURCES:

Water Resources Program Manager Tom Cambareri

Hydrologist Gabrielle Belfit (until mid June 2011)

Hydrologist Scott Michaud

Water Resources Project Assistant Donna McCaffery
(until mid June 2011)

LEGAL/REGULATORY PROGRAM

Commission Counsel Jessica Wielgus

Chief Regulatory Officer Kristy Senatori

Senior Regulatory Planner Andrea Adams

Regulatory Officer II Page Czepiga

Regulatory Officer I Elizabeth Enos

Commission Clerk Gail Hanley

ADMINISTRATION

Assistant to the Executive Director for Administration
and Finance Gail Coyne

Executive Assistant Keri Cahoon

Department Assistant III Joan McCarty (until mid June 2011)

Administrative Assistant Taree McIntyre

Administrative Assistant Anne McGuire (Cook)

Communications Coordinator Nancy Hossfeld

Special Projects Coordinator Tabitha Harkin

Assistant Network Administrator Billy Traverse

Pump House could incorporate restrooms, murals to enhance arts experience

Parking



CAPE COD
COMMISSION

- » 3225 Main Street, PO Box 226
- » Barnstable, MA 02630
- » (508) 362-3828
- » www.capecodcommission.org