

**MASHPEE**  
**TOWN SERVICES REPORT**  
**Fiscal Year 2011**  
(July 1, 2010 – June 30, 2011)

**CAPE COD COMMISSION**

**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 Popponesset 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).

### **Cape Cod Cooperative Extension**

- The Mashpee Department of Public Works received seventeen low maintenance shade trees from the Barnstable County Shade tree nursery. The nursery was established ten years ago at the Barnstable County Farm to provide trees and shrubs at below wholesale prices to the municipalities throughout Barnstable County.
- The Mashpee Conservation Department received a \$22, 289 grant to implement the Wildfire Protection and Preparedness plan for the Mashpee River Conservation area. The grant provided funds for establishing and maintaining fire roads, to mechanically remove under story fuel loads and to help land-owners that abut the property with the removal of vegetation that may create fire hazards.
- The Coastal Processes Specialist published and distributed educational information to the Conservation Commission Agent of the town. These materials consisted of a Biological Erosion Control Extension Bulletin (4 pages) and a Coastal Managers Guide to Longshore Sediment Transport (46 pages).

- Two hundred forty-three participants of all ages visited the Coastal Explorer one day in August at the Mashpee Public Library.
- Four hundred twenty-one students in grades K-2 at Kenneth C. Coombs Elementary participated in 21 marine science classes offered through the Coastal Explorer vehicle in late November-December. Teachers were provided with the *Coastal Explorer Curriculum Guide*.
- One hundred forty students in grade 3 participated in 3 sessions of the "Whale in the Classroom" program at Quashnet School in February. Teachers were provided with the *Whale in the Classroom Curriculum Guide*.
- The Cape Cod Wanderers 4-H Club focuses on outdoor adventure, camping, hiking and exploring the environment. They are extremely active and participate in many 4-H events and activities.
- Eighty- seven youth participated in the State 4-H Dog Camp at Camp Farley. More than 35 adult leaders and volunteers contributed their time and talent.
- 4-H Camp Farley hosted youth during the 2010 summer camping season. The 4-H Advisory Council contributed five \$100 scholarships to 4-H members who attended camp.
- 4-H Camp Farley in Mashpee provides an experience to work with youth particularly during summer vacation, which is critical to continue academic success keeping their minds and bodies, challenged and occupied. The goal is to go back to their classrooms in September ready to learn and stay ahead of the learning curve. 4-H Camp Farley hosted 1844 youth during the summer camping season. The 4-H Advisory Council contributed \$1,000.00 in scholarships to 4-H members to attend camp.
- 4-H Youth Development and Boys and Girls Clubs of Cape Cod collaborated for the 5th consecutive year on the National Lights On After School event in October of 2010. This event is held to raise awareness of all the organizations that keep their lights on after school for the children in their community. Over 35 youth serving organizations provided information to a large audience of parents, providers, politicians and youth.
- Mashpee Leisure Services partners with the 4-H program to offer afterschool enrichments to local youth. Approximately 40 youth participated in the 4-H Babysitting program in the fall of 2010 and spring of 2011.
- Household hazardous waste collections conducted for Mashpee in 2010 provided the following data: Mashpee residents represented 153 cars and 207 households in four regional Upper Cape HHW collections. A total of 3,592 gallons / 18,030 pounds of hazardous waste was collected at the Mashpee HHW collection. Year round residents comprised 85% of participants, 42% of participants were participating for the first time in the collection, and 7% of participants brought waste that was left in their home when they bought it.
- The Cape Cod Cooperative Extension mercury collection program collected the following items in the Town of Mashpee in 2010: 46 fever thermometers, 1 lab thermometers, 286 thermostats, 1 electric switches, and 2 blood pressure gauges.
- A total of 66 road and marine flares were collected in the Town of Mashpee by Cape Cod Cooperative Extension in 2010.

- A total of 271 sharps containers were paid for and provided by Cape Cod Cooperative Extension to the Town of Mashpee in 2010 for distribution to the general public. The disposal cost for all full sharps containers returned to the town was paid for by Barnstable County / Cape Cod Cooperative Extension.
- Nutrition educator participated in a health and wellness fair offered at the Mashpee Council on Aging. There were over 80 in attendance that visited the booth and sampled healthy quick snacks along with nutrition education.
- “BYOL: Build Your Own Lunch”, an interactive parent and child workshop was held for 25 families at KC Coombs Elementary School as part of the Countdown to Kindergarten program. Children made a brown bag lunch for the following day from a series of healthy choices offered at various ‘stations.’ Healthy beverages, food safe lunches and variety were covered.
- Two separate presentations entitled “Preschool and Child Nutrition and the USDA Guidelines for Childcare” were held for a total of 19 teachers to help attain compliance with nutrition training per MA Dept. of Education and Early Care (DEEC).
- “Rainbow on Your Plate” a series of two nutrition lessons has reached 19 Head Start preschool aged children and classroom teachers. Emphasizing consumption of fruits and vegetables, these lessons also provide opportunities for physical activity and tasting new foods. Classroom materials and take-home folders are provided to reinforce the nutrition messages both in the classroom and at home.
- Nutrition educator participated in Biometric Screenings offered by the Cape Cod Municipal Health Group. Nutrition education through a display, one-on-one conversations, educational materials, and food demonstrations was made available in conjunction with health screenings.
- Six issues out of the year-long series of *Pumpkin Post & Banana Beat* newsletters have been distributed in collaboration with Mashpee elementary schools to 142 families with children in kindergarten. The Pumpkin Post series is an educational newsletter including recipes and regular columns on child feeding challenges, seasonal foods, physical activity, and menu ideas. The series of six newsletters focus on themes about breakfast, fitness, fruits and vegetables, healthy lunches, goal setting and holiday eating.
- Food Handling is a Risky Business, a presentation highlighting safe food handling practices and HACCP, was conducted for 15 foodservice employees of Mashpee Public Schools.
- One food safety certification program was conducted for Mashpee Public Schools Food Service employees. ServSafe, a food sanitation certification program through the National Restaurant Association fulfills the 1999 Food Code requirements set forth by the Massachusetts Department of Public Health. Eleven food handlers successfully passed the national exam of the National Restaurant Association’s Educational Foundation as a result.
- Seventy residents received technical information from the Plant Clinic via phone call, office visit, fact sheet, or soil test.
- Master Gardeners made a presentation to a civic group in the Town of Mashpee.

- Educational materials for distribution included wallet cards and rack cards. These materials contain key information on tick identification, life cycle and prevention tips for tick bites and lowering the risk of tick-borne illnesses such as Lyme. Distribution points included Town Halls including all Department of Health Offices, Chambers of Commerce, Public Libraries and golf courses. Golf courses were offered signs to post to alert people about tick habitat and precautions. Each distribution point was visited between May and June as the highest risk period for Lyme disease approached (June – August). In general, each location received between 50 and 200 each of rack and wallet cards.

### **Children’s Cove**

- Conducted 26 SAIN (Sexual Abuse Intervention Network) interviews.
- Provided counseling sessions to 20 child victim and their family members with referrals to community providers for long term treatment.
- Conducted 6 medical examinations for children at Children’s Cove.

### **Fire Training Academy**

- Chainsaw Awareness
  - 2 Firefighters
- ICS 300
  - 9 Students
- MHMT Tanker Operations
  - 1 Firefighter

12 Students, \$3,000.00 Dollar Value, 30 Day Value, 240 Hour Value

### **Department of Health & Environment**

- Mashpee Fire Dept., Seasonal flu clinic, 23 shots given.
- Responded to 18 residential and commercial referrals for Indoor Air Quality (IAQ), hazardous material issues, or Environmental Health and Safety (EHS) assistance (15 residential/commercial IAQ/housing, 2 commercial/industrial hazardous materials and 1 residential hazardous material).
- Continuing work with School Facility and Maintenance Department on comprehensive and written EHS program for school department.
- Conducted comprehensive assessment of current fire station based on union grievance on suspected unsafe work conditions.
- Conducted IAQ assessment of new library due to odd smell. Provided site work, analysis and technical assistance for problem resolution while building still under warranty. Approximate savings to town for assistance and problem correction over \$200,000. They got all the defective and offending ceiling tiles removed and replaced.
- Provided school with three IAQ assessments for employee and union grievance- approximate savings to town \$3000.

- Coordinated County and Cape Cod Medical Reserve Corps nurse and volunteer staff scheduling for regional adult immunization clinic; 122 adult immunizations (shingles, Td, Tdap, MMR, varicella, Hepatitis A, Hepatitis B, pneumonia) given to Mashpee residents at no charge. Acted as an evaluator for the HSEEP compliant public health preparedness drill conducted at this clinic
- Presented Sun Safety education to over 100 adolescent and adult participants at South Cape Beach
- Managed underground storage tank (UST) program which tracks testing and removal of tanks; also perform tank testing. One active tank tracked and tested; have overseen removal of 2 tanks in conformance with Board of Health regulations.
- Provided service picking up drinking water samples for delivery to Barnstable County water quality laboratory on a weekly basis.
- Mashpee Christ the King Parish Nurse Fair “Safe Sun Presentation”-over 350 participants
- Quashnet School Seasonal Flu Clinic, KC Coombs School Seasonal Flu Clinic.
- Created ClinicACE, an internet-based immunization clinic preregistration system and successfully pre-registered 46 immunizations. Necessary immunization documents were printed by each registrant following completion of the registration process, saving the town valuable time on the day of the clinic.
- Compliance management of 287 innovative/alternative wastewater treatment units.
- Sent/received 55 correspondences involving 24 innovative/alternative wastewater treatment systems.
- Resolved seven O&M contract non-compliance issues.
- Continued Carmody Innovative/Alternative(I/A) Septic System Database User Fee collection, invoicing I/A operators for 231 systems for which they are responsible for reporting to the database.
- The BCREPC provided two mobile message boards for two community events in the Town of Mashpee.
- Provided public health nursing services and senior staff services to assist the Town of Mashpee Health Department with the development of emergency dispensing site plans and public health response plans.
- Conducted approximately 75 inspections (food service/pools) in support of the town Health Department during the seasonal influx of tourists.
- Secured home betterment loans for the correction of 25 septic systems within the town (\$212,452 in projects).
- Two inspections of every tobacco retailer and two tobacco compliance checks of each tobacco retailer were conducted. Provided technical assistance to BOH as it amended its tobacco regulations.
- Laboratory services saved town over \$1,400 in analytical fees.

### **Department of Human Services**

- Health and Human Services Advisory Council: COA Director represents the Upper Cape on the Council and Town Director of Human Services is a representative on the Council.
- Department is providing support & print materials to Town of Mashpee suicide prevention efforts.
- HRC: Through part of the fiscal year, there was an active town representative on the HRC Town Representation Council. The HRC chair and coordinator met mid-year with the Boards of Selectmen at their regional meeting, and began a process to name a new representative to serve as a liaison between the town and the HRC, support human rights, and advise HRC about issues particular to the town.
- HRC: Human Rights Academy. Mashpee High School has been a participant in this HRA for five years, and participated in this year just completed

### **Resource Development Office/AmeriCorps Cape Cod**

- W.E.T. Festival, Quashnet Elementary School  
Members taught students about the importance of water conservation using hands on activities.
- Oyster and Quahog Propagation  
Members assisted the Shellfish Constable with various propagation projects and gear construction.
- Fitch-Lopez Trail Maintenance  
Members widened existing trails on Town conservation land, and created a new connecting trail.
- Bessie Bogs Trail Maintenance  
Members cleared and widened trails in the Bessie Bogs conservation area.
- Quashnet River Restoration  
Members served with the local chapter of Trout Unlimited to reinforce and reshape banks at the Quashnet River.
- Brook Trout Survey  
Members assisted the State Department of Fish and Wildlife and Trout Unlimited with tagging brook trout in the Quashnet River.