

Casco Bay Estuary Partnership
Status of Casco Bay Plan Implementation
(as of November 2010)

Last Updated November 2010

	Casco Bay Plan Action Item 2006 Update	Primary Priority Issue Addressed	Other Priority Issues Addressed	Type of Action	2009-2010 Implementation Notes	Partners	Status	Monitoring	Task Initiated 2009-2010	Task Ongoing	Task Completed	Active 2009-2010 Including Partners	CBEP Dollars or Significant Staff Effort 2009-2010
Stormwater Actions	1. Provide Training in Stormwater Best Management Practices to Appropriate Target Audiences	Stormwater	Shellfish and Swimming Areas; Toxics	Technical Assistance	Ongoing funding to CCSWCD. Grant to Maine NEMO, Sponsorship of NEMO University.	DEP, CCSWCD, SPO, Maine NEMO	Fully implemented	0	0	1	0	1	1
	2. Promote Subwatershed Management, Planning, Implementation, and Evaluation	Stormwater	All others	Technical Assistance	Presumpscot River Watershed Coalition, New Meadows watershed partnership, Presumpscot Land Conservation Vision project, support for work by municipalities on urban impired waters	PRWC, PRW, FOPR, CCSWCD, USFWS, FOCB, municipalities, citizens, Maine DEP, and others	Fully implemented	0	0	1	0	1	1
	3. Monitor Progress of Combined Sewer Overflow Reduction Plans in Portland, South Portland and Westbrook	Stormwater	All others	Regulatory / Enforcement	Staff participation in stakeholder meetings on Portland's CSO elimination program; Support for ongoing city efforts to reduce CSOs.	DEP, Cities of Portland and South Portland, EPA, FOCB	Fully implemented	0	0	1	0	1	0
	4. Assist Interlocal Stormwater Working Group and municipalities with Meeting Requirements in Maine's Stormwater Management Law and Federally-Mandated MEPDES Stormwater Program	Stormwater	Shellfish and Swimming Areas	Regulatory / Enforcement	Continued involvement with ISWG; Stormwater grants program.	ISWG member communities, CCSWCD, DEP, Maine NEMO, EPA, SPO	Fully implemented	0	0	1	0	1	1
	5. Promote the Use of Vegetated Buffers and other Low Impact Development Technologies to Reduce Stormwater Runoff	Stormwater	Stewardship, Toxics	New Action	Stormwater grants program; South Portland Stormwater Manual Grant	DEP, EPA, NEMO, CCSWCD, ISWG, EFC, SPO	Fully implemented	0	0	1	0	1	1
Clam Flats and Swimming Beaches Actions	1. Provide Technical Assistance to Help Re-Open and Manage Shellfish Areas	Shellfish and Swimming Areas	--	Technical Assistance	Clam Team priorities; Red Tide study; Staff involvement with State Shellfish Advisory Committee	Municipalities, clam diggers, DMR, FOCB, etc.	Fully implemented	0	0	1	0	1	1
	2. Provide Technical Assistance to Monitor and Open Swimming Beaches	Shellfish and Swimming Areas	Stewardship	Technical Assistance	Clean Beaches program	DEP, EPA, municipalities	Fully implemented	0	0	1	0	1	0
	3. Train Installers and Pumpers of Septic Systems	Shellfish and Swimming Areas	--	Technical Assistance	CBEP funds annual training events through CCSWCD	CCSWCD, DEP	Fully implemented	0	0	1	0	1	1
	4. Support Compliance with the Pumpout Law	Shellfish and Swimming Areas	Stewardship	Regulatory / Enforcement	Funding of FOCB pumpout boat	FOCB, DEP	Fully implemented	0	0	1	0	1	1
	5. Support Efforts to Prevent Septic System Malfunction through Voluntary Inspection Programs during Property Transfers and Education of Key Stakeholder Groups	Shellfish and Swimming Areas	Stewardship	Regulatory / Enforcement	Now implemented via existing state rules.	DHHS, DEP, SPO	Inactive	0	0	1	0	0	0
	6. Expand Cooperative Programs between Commercial Pumpers and Installers and Municipalities to Protect Shellfish Areas from Septic System Discharge	Shellfish and Swimming Areas	Stewardship	Planning / Assessment	Maine DEP runs periodic training events, usually one or two annually in the Casco Bay region.	SPO, municipalities	Fully implemented	0	0	1	0	1	0

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								Task Initiated 2009-2010					
Habitat Actions	1. Provide Technical Assistance Necessary for Habitat Protection	Habitat	Stewardship	Technical Assistance	CBEP leadership on Presumpscot land conservation visioning process; CBEP funding of GIS and other support through FWS; Climate Adaptation planning with Land Trusts.	Beginning with Habitat, USFWS, land trusts, municipalities	Fully implemented	0	0	1	0	1	1
	2. Develop and Implement Plans to Restore Degraded Habitat in Casco Bay	Habitat	Stewardship	Planning & Assessment	Fish Passage Survey 2009-2010; Evaluation of tidal restrictions.	SPO, DEP, USFWS, FOCB, NOAA	Fully implemented	0	0	1	0	1	1
	3. Continue a Grant Program to Support Local Habitat Protection and Restoration Activities	Habitat	--	Planning & Assessment	Habitat protection grants; habitat restoration program moving away from direct grants towards raising external funding for more significant restoration projects.	MCHT, USFWS, SPO, DEP, NOAA	Fully implemented	0	0	1	0	1	1
	4. Participate in Efforts to Address the Impacts of Invasive Marine Organisms in Casco Bay	Habitat	Stewardship	New Action	Involvement in and funding of MMISWG; Didemnum study, Marine Invasive Rapid assessment	Maine Marine Invasives Working Group, EPA, Sea Grant (ME, NH, MA)	Fully implemented	0	0	1	0	1	1
Toxics Actions	1. Support efforts to develop a Comprehensive Management Strategy for Dredged Material.	Toxics	Habitat	Planning & Assessment	Project on hold in absence of significant federal funding.	EPA, Waterfront Alliance, FOCB, EPA	Inactive	0	0	1	0	0	0
	2. Develop Biological Indicators for Marine Waters	Toxics	Habitat Stormwater	Planning & Assessment	Project on hold; data inadequate for BCG discussion.	DEP, EPA, GOMC	Inactive	0	0	1	0	0	0
	3. Develop Sediment Quality Thresholds for Assessment of Contaminated Sediments	Toxics	--	Planning & Assessment	Current status of this objective is unclear; Involvement with NCCA and sediment toxics sampling in Casco Bay.	DEP, EPA	Dropped	0	0	0	0	0	0
	4. Research the Feasibility of and Best Approach to Monitoring New Environmental Analytes.	Toxics	Stormwater	Planning & Assessment	Biodiversity Research Institute continues to study toxics in Casco Bay.	DEP, EPA, BRI, research scientists	Fully implemented	0	0	1	0	1	0
Stewardship Actions	1. Support K-12 Educational Activities Related to Casco Bay	Stewardship	All others	Public Education	Annual funding through CCSWCD; staff involvement with Children's Water Festival.	CCSWCD, DEP, EPA, area middle and high schools	Fully implemented	0	0	1	0	1	1
	2. Focus Post-Secondary Educational Programs on Casco Bay	Stewardship	All others	Public Education	Staff involved as guest speakers for classes; building relationships with USM faculty; Muskie student interns; Student research grants.	University of Southern Maine; University of Maine School of Law, Bowdoin, Bates	Fully implemented	0	0	1	0	1	1
	3. Support Educational Campaigns to Promote Sound Household Practices	Stewardship	All others	Public Education	Waterfront signage project; funding for outreach through CCSWCD; funding of Ducky II ad campaign	FOCB, DEP, Cooperative Extension, CCSWCD, Maine Bureau of Pesticides Control, ISWG	Fully implemented	0	0	1	0	1	1
	4. Hold "State of the Bay" Conferences	Stewardship	All others	Public Education	Held in 2010; ~ 220 participants at conference.	Numerous partners	Fully implemented	0	0	1	0	1	1
	5. Continue Friends of Casco Bay's Successful Volunteer Water Quality Monitoring Program	Stewardship	Habitat	Public Education	Goal to fund ~ 1/3 of FOCB water quality monitoring program costs	Friends of Casco Bay, citizen volunteers, other funders.	Fully implemented	0	0	1	0	1	1

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Monitoring Plan Actions	Stormwater Toxics Loading	Stormwater	Toxics	Monitoring	FOCB / BPC surface water sampling for pesticides; Long Creek Monitoring; Lucy	EPA, communities, FOCB, Board of	Fully Implemented	1	0	1	0	1	0
	CSO Volume and Frequency Monitoring	Stormwater	Shellfish, Toxics	Monitoring	Continuous improvement in methods via PWD.	City of Portland, PWD, DEP	Fully implemented	1	0	1	0	1	0
	Shellfish Bed Acreage	Shellfish and Swimming Areas		Monitoring	Significant improvement in mapping of clam flats and relationship to closed / open status for 2010 State of the Bay.	DMR	Fully implemented	1	0	1	0	1	1
	Swimming Beach Monitoring	Shellfish and Swimming Areas		Monitoring	Run by state for limited sites in Casco Bay (three sites as of 2009)	DEP	Fully implemented	1	0	1	0	1	0
	Eelgrass Monitoring	Habitat		Monitoring	State funding is insufficient for regular monitoring. CBEP worked on enhanced monitoring methods in 2009.	DMR, USGS, FOCB	Fully implemented	1	0	1	0	1	1
	Waterbird Survey	Habitat		Monitoring	CBEP partially funds monitoring using modern methods annual (begun in 2009)	SPO, USFWS, IF&W	Fully implemented	1	0	1	0	1	1
	Acres of Protected Habitat in the Lower Casco Bay Watershed	Habitat		Monitoring	State and FWS now track protected lands, can be incorporated via GIS	USFWS, land trusts, municipalities	Fully implemented	1	0	1	0	1	1
	Benthic Community Analysis	Habitat		Monitoring	Limited data available through NCCA effort, but sample sizes too small in Casco Bay to draw conclusions.	EPA, DEP	Inactive	1	0	1	0	0	0
	Regulated Activities	Habitat		Monitoring	State records data on wetland impacts and other activities permitted under NRPA, spatial resolution is poor.	DEP	Dropped	1	0	0	0	0	0
	Impervious Surface	Habitat		Monitoring	State agencies generate impervious cover data infrequently.	State Agencies	Inactive	1	0	1	0	0	0
	Undeveloped Land	Habitat		Monitoring	State agencies generate land use / land cover data infrequently.	State Agencies	Inactive	1	0	1	0	0	0
	Population	Habitat		Monitoring	U.S. Census	Maine State Planning Office	Fully implemented	1	0	1	0	1	0
	Bay Water Quality Monitoring (temperature, pH, salinity, dissolved oxygen, clarity, nitrogen, chlorophyll)	Habitat	Stewardship	Monitoring	Ongoing FOCB Water Quality Monitoring Program	FOCB	Fully implemented	1	0	1	0	1	1
	Inland Watershed Water Quality Assessment	Habitat	Stewardship	Monitoring	Presumpscot River Watch; Long Creek Monitoring Program, DEP's Volunteer River Monitoring Network	DEP, EPA, OGIS, PRW, LCWMD, USM	Fully implemented	1	0	1	0	1	1
	Invasive Species	Habitat		Monitoring	Didemnum study continues in 2010. 2010 Gulf of Maine Rapid Assessment Survey.	MMISWG	Fully implemented	1	0	1	0	1	1
	Sediment Toxicity	Toxics		Monitoring	Limited data available through NCCA, samples too small in Casco Bay.	NCCA	Fully implemented	1	0	1	0	1	1
	Sediment Contaminant Concentration	Toxics		Monitoring	Sample collection planned for fall / winter 2010.	EPA, DEP, FOCB	Fully implemented	1	0	1	0	1	1
	Mussel Tissue Toxics	Toxics		Monitoring	Data Collected by DEP and by Regional "Gulfwatch" mussel watch program.	DEP, GOMC's Gulfwatch program	Fully implemented	1	0	1	0	1	0
	Lobster Tissue Toxics	Toxics		Monitoring	DEP is collects data as resources allow; Samples to be collected via NCCA process in 2010	DEP	Fully implemented	1	0	1	0	1	1
	Citizen Involvement	Stewardship		Monitoring	Tracked indirectly via narratives about citizen involvement	Many partners	Fully implemented	1	0	1	0	1	1