

## Chesapeake 2000 Commitments

C2K #	Commitment
1.1.1.1	By 2010, achieve, at a minimum, a tenfold increase in native oysters in the Chesapeake Bay, based upon a 1994 baseline.
1.1.1.2	By 2002, develop and implement a strategy to achieve this increase by using sanctuaries sufficient in size and distribution, aquaculture, continued disease research and disease-resistant management strategies, and other management approaches.
1.2.1.1	In 2000, establish a Chesapeake Bay Program Task Force to: Work cooperatively with the U.S. Coast Guard, the ports, the shipping industry, environmental interests and others at the national level to help establish and implement a national program designed to substantially reduce and, where possible, eliminate the introduction of non-native species carried in ballast water
1.2.1.2	By 2002, develop and implement an interim voluntary ballast water management program for the waters of the Bay and its tributaries.
1.2.2.1	By 2001, identify and rank non-native, invasive aquatic and terrestrial species, which are causing or have the potential to cause significant negative impacts to the Bay's aquatic ecosystem.
1.2.2.2.	By 2003, develop and implement management plans for those species deemed problematic to the restoration and integrity of the Bay's ecosystem.
1.3.1	By June 2002, identify the final initiatives necessary to achieve our existing goal of restoring fish passage for migratory fish to more than 1,357 miles of currently blocked river habitat by 2003 and establish a monitoring program to assess outcomes.
1.3.2	By 2002, set a new goal with implementation schedules for additional migratory and resident fish passages that addresses the removal of physical blockages. In addition, the goal will address the removal of chemical blockages caused by acid mine drainage. Projects should be selected for maximum habitat and stock benefit
1.3.3	By 2002, assess trends in populations for priority migratory fish species. Determine tributary-specific target population sizes based upon projected fish passage, and current and projected habitat available, and provide recommendations to achieve those targets
1.3.4	By 2003, revise fish management plans to include strategies to achieve target population sizes of tributary-specific migratory fish.
1.4.1	By 2004, assess the effects of different population levels of filter feeders such as menhaden, oysters and clams on Bay water quality and habitat by 2005, develop ecosystem-based multispecies management plans for targeted species By 2007,
1.4.2	By 2005, develop ecosystem-based multi-species management plans for targeted species.
1.4.3	By 2007, revise and implement existing fisheries management plans to incorporate ecological, social and economic considerations, multi-species fisheries management and ecosystem approaches.
1.5.1	By 2001, establish harvest targets for the blue crab fishery and begin implementing complementary state fisheries management strategies Baywide. Manage the blue crab fishery to restore a healthy spawning biomass, size and age structure.

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2.1.1	Recommit to the existing goal of protecting and restoring 114,000 acres of submerged aquatic vegetation (SAV).
2.1.2	By 2002, revise SAV restoration goals and strategies to reflect historic abundance, measured as acreage and density from the 1930s to the present. The revised goals will include specific levels of water clarity that are to be met in 2010. Strategies to achieve these goals will address water clarity, water quality, and bottom disturbance.
2.1.3	By 2002, implement a strategy to accelerate protection and restoration of SAV beds in areas of critical importance to the Bay's living resources.
2.2.1	By 2010, work with local governments, community groups and watershed organizations to develop and implement locally supported watershed management plans in two-thirds of the Bay watershed covered by this Agreement. These plans would address the protection, conservation and restoration of stream corridors, riparian forest buffers and wetlands for the purposes of improving habitat and water quality, with collateral benefits for optimizing stream flow and water supply
2.2.2	By 2001, each jurisdiction will develop guidelines to ensure the aquatic health of stream corridors. Guidelines should consider optimal surface and groundwater flows.
2.2.3	By 2002, each jurisdiction will work with local governments and communities that have watershed management plans to select pilot projects that promote stream corridor protection and restoration.
2.2.4	By 2003, include in the "State of the Bay Report," and make available to the public, local governments and others, information concerning the aquatic health of stream corridors based on adopted regional guidelines.
2.2.5	By 2004, each jurisdiction, working with local governments, community groups and watershed organizations, will develop stream corridor restoration goals based on local watershed management planning.
2.3.1	Achieve a no-net loss of existing wetlands acreage and function in the signatories' regulatory programs.
2.3.2.1	By 2010, achieve a net resource gain by restoring 25,000 acres of tidal and non-tidal wetlands.
2.3.2.2	To do this, we commit to achieve and maintain an average restoration rate of 2,500 acres per year basin wide by 2005 and beyond. We will evaluate our success in 2005.
2.3.3.1	Provide information and assistance to local governments and community groups for the development and implementation of wetlands preservation plans as a component of a locally based integrated watershed management plan. Establish a goal of implementing the wetlands plan component in 25 percent of the land area of each state's Bay watershed by 2010. The plans would preserve key wetlands while addressing surrounding land use so as to preserve wetland functions
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2.3.4	Evaluate the potential impact of climate change on the Chesapeake Bay watershed, particularly with respect to its wetlands, and consider potential management options.
2.4.1.1	By 2002, ensure that measures are in place to meet our riparian forest buffer restoration goal of 2,010 miles by 2010.
2.4.1.2	By 2003, establish a new goal to expand buffer mileage.
2.4.2	Conserve existing forests along all streams and shorelines.

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2.4.3	Promote the expansion and connection of contiguous forests through conservation easements, greenways, purchase and other land conservation mechanisms.
3.1.1	Continue efforts to achieve and maintain the 40 percent nutrient reduction goal agreed to in 1987, as well as the goals being adopted for the tributaries south of the Potomac River.
3.1.2	By 2010, correct the nutrient- and sediment-related problems in the Chesapeake Bay and its tidal tributaries sufficiently to remove the Bay and the tidal portions of its tributaries from the list of impaired waters under the Clean Water Act. In order to achieve this:
3.1.2.1	By 2001, define the water quality conditions necessary to protect aquatic living resources and then assign load reductions for nitrogen and phosphorus to each major tributary;
3.1.2.2	Using a process parallel to that established for nutrients, determine the sediment load reductions necessary to achieve the water quality conditions that protect aquatic living resources, and assign load reductions for sediment to each major tributary by 2001;
3.1.2.3	By 2002, complete a public process to develop and begin implementation of revised Tributary Strategies to achieve and maintain the assigned loading goals;
3.1.2.4	By 2003, the jurisdictions with tidal waters will use their best efforts to adopt new or revised water quality standards consistent with the defined water quality conditions. Once adopted by the jurisdictions, the Environmental Protection Agency will work expeditiously to review the new or revised standards, which will then be used as the basis for removing the Bay and its tidal rivers from the list of impaired waters;
3.1.2.5	By 2003, work with the Susquehanna River Basin Commission and others to adopt and begin implementing strategies that prevent the loss of the sediment retention capabilities of the lower Susquehanna River dams.
3.2.1	We commit to fulfilling the 1994 goal of a Chesapeake Bay free of toxics by reducing or eliminating the input of chemical contaminants from all controllable sources to levels that result in no toxic or bioaccumulative impact on the living resources that inhabit the Bay or on human health.
3.2.2	By Fall of 2000, reevaluate and revise, as necessary, the "Chesapeake Bay Basinwide Toxics Reduction and Prevention Strategy" focusing on:
3.2.2.1	Complementing state and federal regulatory programs to go beyond traditional point source controls, including nonpoint sources such as groundwater discharge and atmospheric deposition, by using a watershed-based approach; and
3.2.2.2	Understanding the effects and impacts of chemical contaminants to increase the effectiveness of management actions.
3.2.3.1	Through continual improvement of pollution prevention measures and other voluntary means, strive for zero release of chemical contaminants from point sources, including air sources.
3.2.3.2	Particular emphasis shall be placed on achieving, by 2010, elimination of mixing zones for persistent or bioaccumulative toxics.
3.2.4	Reduce the potential risk of pesticides to the Bay by targeting education, outreach and implementation of Integrated Pest Management and specific Best Management Practices on those lands that have higher potential for contributing pesticide loads to the Bay.

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3.3.1	Support the restoration of the Anacostia River, Baltimore Harbor, and Elizabeth River and their watersheds as models for urban river restoration in the Bay basin.
3.3.2	By 2010, the District of Columbia, working with its watershed partners, will reduce pollution loads to the Anacostia River in order to eliminate public health concerns and achieve the living resource, water quality and habitat goals of this and past Agreements.
3.4.1	By 2003, assess the effects of airborne nitrogen compounds and chemical contaminants on the Bay ecosystem and help establish reduction goals for these contaminants.
3.5.1.1	By 2003, establish appropriate areas within the Chesapeake Bay and its tributaries as “no discharge zones” for human waste from boats.
3.5.1.2	By 2010, expand by 50 percent the number and availability of waste pump-out facilities
3.5.2	By 2006, reassess our progress in reducing the impact of boat waste on the Bay and its tributaries. This assessment will include evaluating the benefits of further expanding no discharge zones, as well as increasing the number of pump-out facilities.
4.1.1	By 2001, complete an assessment of the Bay's resource lands including forests and farms, emphasizing their role in the protection of water quality and critical habitats, as well as cultural and economic viability.
4.1.2	Provide financial assistance or new revenue sources to expand the use of voluntary and market-based mechanisms such as easements, purchase or transfer of development rights and other approaches to protect and preserve natural resource lands.
4.1.3.1	Strengthen programs for land acquisition and preservation within each state that are supported by funding
4.1.3.2	Target the most valued lands for protection.
4.1.3.3	Permanently preserve from development 20 percent of the land area in the watershed by 2010.
4.1.4	Provide technical and financial assistance to local governments to plan for or revise plans, ordinances and subdivision regulations to provide for the conservation and sustainable use of the forest and agricultural lands.
4.1.5	In cooperation with local governments, develop and maintain in each jurisdiction a strong GIS system to track the preservation of resource lands and support the implementation of sound land use practices.
4.2.1	By 2012, reduce the rate of harmful sprawl development of forest and agricultural land in the Chesapeake Bay watershed by 30 percent measured as an average over five years from the baseline of 1992-1997, with measures and progress reported regularly to the Chesapeake Executive Council
4.2.10	By 2004, the jurisdictions will evaluate local implementation of stormwater, erosion control and other locally-implemented water quality protection programs that affect the Bay system and ensure that these programs are being coordinated and applied effectively in order to minimize the impacts of development
4.2.11	Working with local governments and others, develop and promote wastewater treatment options, such as nutrient reducing septic systems, which protect public health and minimize impacts to the Bay's resources.
4.2.12	Strengthen brownfield redevelopment. By 2010, rehabilitate and restore 1,050 brownfield sites to productive use.

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4.2.13	Working with local governments, encourage the development and implementation of emerging urban storm water retrofit practices to improve their water quantity and quality function.
4.2.2	By 2005, in cooperation with local government, identify and remove state and local impediments to low impact development designs to encourage the use of such approaches and minimize water quality impacts.
4.2.3	Work with communities and local governments to encourage sound land use planning and practices that address the impacts of growth, development and transportation on the watershed.
4.2.4	By 2002, review tax policies to identify elements, which discourage sustainable development, practices or encourage undesirable growth patterns. Promote the modification of such policies and the creation of tax incentives which promote the conservation of resource lands and encourage investments consistent with sound growth management principals.
4.2.5	The jurisdictions will promote redevelopment and remove barriers to investment in underutilized urban, suburban and rural communities by working with localities and development interests.
4.2.6	By 2002, develop analytical tools that will allow local governments and communities to conduct watershed-based assessment of the impacts of growth, development and transportation decisions.
4.2.7	By 2002, compile information and guidelines to assist local governments and communities to promote ecologically-based designs in order to limit impervious cover in undeveloped and moderately developed watersheds and reduce the impact of impervious cover in highly developed watersheds.
4.2.8	Provide information to the development community and others so they may champion the application of sound land use practices.
4.2.9	By 2003, work with local governments and communities to develop land-use management and water resource protection approaches that encourage the concentration of new residential development in areas supported by adequate water resources and infrastructure to minimize impacts on water quality.
4.3.1	By 2002, the signatory jurisdictions will promote coordination of transportation and land use planning to encourage compact, mixed use development patterns, revitalization in existing communities and transportation strategies that minimize adverse effects on the Bay and its tributaries.
4.3.2	By 2002, each state will coordinate its transportation policies and programs to reduce the dependence on automobiles by incorporating travel alternatives such as telework, pedestrian, bicycle and transit options, as appropriate, in the design of projects so as to increase the availability of alternative modes of travel as measured by increased use of those alternatives.
4.3.3	Consider the provisions of the federal transportation statutes for opportunities to purchase easements to preserve resource lands adjacent to rights of way and special efforts for stormwater management on both new and rehabilitation projects.
4.3.4	Establish policies and incentives which encourage the use of clean vehicle and other transportation technologies that reduce emissions.
4.4.1	By 2010, expand by 30 percent the system of public access points to the Bay, its tributaries and related resource sites in an environmentally sensitive manner by working with state and federal agencies, local governments and stakeholder organizations.

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4.4.2	By 2005, increase the number of designated water trails in the Chesapeake Bay region by 500 miles.
4.4.3	Enhance interpretation materials that promote stewardship at natural, recreational, historical and cultural public access points within the Chesapeake Bay watershed.
4.4.4	By 2003, develop partnerships with at least 30 sites to enhance place-based interpretation of Bay-related resources and themes and stimulate volunteer involvement in resource restoration and conservation.
5.1.1	Make education and outreach a priority in order to achieve public awareness and personal involvement on behalf of the Bay and local watersheds.
5.1.2	Provide information to enhance the ability of citizen and community groups to participate in Bay restoration activities on their property and in their local watershed.
5.1.3.1	Expand the use of new communications technologies to provide a comprehensive and interactive source of information on the Chesapeake Bay and its watershed for use by public and technical audiences.
5.1.3.2	By 2001, develop and maintain a web-based clearing house of this information specifically for use by educators.
5.1.4	Beginning with the class of 2005, provide meaningful Bay or stream outdoor experience for every school student in the watershed before graduation from high school.
5.1.5	Continue to forge partnerships with the Departments of Education and institutions of higher learning in each jurisdiction to integrate information about the Chesapeake Bay and its watershed into school curricula and university programs.
5.1.6	Provide students and teachers alike with opportunities to directly participate in local restoration and protection projects, and to support stewardship efforts in schools and on school property.
5.1.7	By 2002, expand citizen outreach efforts to more specifically include minority populations by, for example, highlighting cultural and historical ties to the Bay, and providing multi-cultural and multi-lingual educational materials on stewardship activities and Bay information.
5.2.1	Jurisdictions will work with local governments to identify small watersheds where community-based actions are essential to meeting Bay restoration goals—in particular wetlands, forested buffers, stream corridors and public access and work with local governments and community organizations to bring an appropriate range of Bay program resources to these communities.
5.2.2	Enhance funding for locally-based programs that pursue restoration and protection projects that will assist in the achievement of the goals of this and past agreements.
5.2.3	By 2001, develop and maintain a clearing house for information on local watershed restoration efforts, including financial and technical assistance.
5.2.4	By 2002, each signatory jurisdiction will offer easily-accessible information suitable for analyzing environmental conditions at a small watershed scale.
5.2.5	Strengthen the Chesapeake Bay Program's ability to incorporate local governments into the policy decision making process. By 2001, complete a reevaluation of the Local Government Participation Action Plan and make necessary changes in Bay program and jurisdictional functions based upon the reevaluation

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5.2.6	Improve methods of communication with and among local governments on Bay issues and provide adequate opportunities for discussion of key issues.
5.2.7	By 2001, identify community watershed organizations and partnerships. Assist in establishing new organizations and partnerships where interest exists. These partners will be important to successful watershed management efforts in distributing information to the public, and engaging the public in the Bay restoration and preservation effort.
5.2.8	By 2005, identify specific actions to address the challenges of communities where historically poor water quality and environmental conditions have contributed to disproportional health, economic or social impacts.
5.3.1	By 2002, each signatory will put in place processes to:
5.3.1.1	Ensure that all properties owned, managed or leased by the signatories are developed, redeveloped and used in a manner consistent with all relevant goals, commitments and guidance of this Agreement.
5.3.1.2	Ensure that the design and construction of signatory-funded development and redevelopment projects are consistent with all relevant goals, commitments and guidance of this Agreement.
5.3.2	Expand the use of clean vehicle technologies and fuels on the basis of emission reductions, so that a significantly greater percentage of each signatory government's fleet of vehicles use some form of clean technology.
5.3.3	By 2001, develop an Executive Council Directive to address stormwater management to control nutrient, sediment and chemical contaminant runoff from state, federal and District owned land.
5.4.1	Strengthen partnerships with Delaware, New York and West Virginia by promoting communication and by seeking agreements on issues of mutual concern.
5.4.2	Work with non-signatory Bay states to establish links with community-based organizations throughout the Bay watershed.

GOAL	TOPIC AREA	DESIRED RESULTS	STRATEGIES
1 Protect and Restore Fisheries	Ecosystem-Based Fisheries Management	1a. Effective Fisheries Ecosystem-based Planning & Management	<ul style="list-style-type: none"> <li>Build science infrastructure for ecosystem-based management planning</li> <li>Improve governance structure and process</li> <li>Develop new or revised Ecosystem-based Fisheries Management Plans (EBFMPs) for Chesapeake Bay</li> <li>Implement EBFMPs for Chesapeake Bay, using adaptive management</li> </ul>
	Oysters	1b. Increased Oyster Population	<ul style="list-style-type: none"> <li>Monitor the status of the stock</li> <li>Increase hatchery production</li> <li>Develop disease-resistant oysters</li> <li>Identify, establish, enhance, and seed oyster reefs</li> <li>Establish a network of permanent sanctuaries throughout the Bay</li> <li>Support aquaculture</li> <li>Enforce oyster management laws and regulations</li> <li>Implement adaptive management</li> </ul>
	Blue Crab	1c. Increased Blue Crab Population	<ul style="list-style-type: none"> <li>Monitor to establish and track population and stock health/habitat</li> <li>Target research to facilitate more effective management</li> </ul>
	Striped Bass	1d. Increased Striped Bass Population	<ul style="list-style-type: none"> <li>Facilitate science-based management decision-making</li> <li>Implement adaptive management</li> </ul>
	Alosines	1e. Increased Alosine Population	
	Menhaden	1f. Increased Menhaden Population	
2 Protect and Restore Vital Aquatic Habitats	Fish Passage	2a. Healthy and Abundant Migratory Fish Habitat	<ul style="list-style-type: none"> <li>Complete multi-objective fish passage projects</li> <li>Prioritize fish passage in Susquehanna and James watersheds</li> <li>Lead by example at state and federal dams</li> <li>Use federal/state engineers for dam removal designs</li> <li>Regulate installation of new dams/barriers</li> <li>Ensure streams can support fish populations</li> </ul>
	SAV	2b. Healthy and Abundant Submerged Aquatic Vegetation (SAV)	<ul style="list-style-type: none"> <li>Accelerate protection of existing SAV beds</li> <li>Restore SAV through planning and transplanting of SAV beds</li> <li>Enhance public communication and education</li> <li>Support research on SAV protection and restoration</li> </ul>
	Wetlands	2c. Healthy and Abundant Wetlands	<ul style="list-style-type: none"> <li>Prioritize areas to restore wetland acreage (water quality &amp; habitat)</li> <li>Restore function of degraded wetlands</li> </ul>
	Stream Restoration	2d. Restore Stream Health	<ul style="list-style-type: none"> <li>Focus actions to reduce nutrients, sediment, and contaminants in watersheds that will provide optimum benefits to improve local stream quality and reduce loads to the Bay</li> <li>Understand the causes of fish kills and poor fish health in streams to develop management solutions</li> <li>Implement stream restoration actions to improve hydrologic conditions and decrease sediment erosion</li> </ul>
3 Protect and Restore Water Quality	Municipal and Industrial Wastewater	3a. Reduced Loads from Municipal and Industrial Wastewater Facilities	<ul style="list-style-type: none"> <li>Issue annual N&amp;P caps in NPDES permits during renewal cycle</li> <li>Seek to fund nutrient reduction upgrades or secure nutrient credits</li> <li>Determine facility upgrade schedule for significant facilities</li> <li>Quantify the process to cap loads from non-significant facilities</li> </ul>
	Agricultural Lands and Animal Operations	3b. Reduced Loads from Agricultural Lands and Animal Operations	<ul style="list-style-type: none"> <li>Set priorities for specific practices in priority watersheds</li> <li>Accelerate cost-effective practice with greatest N&amp;P reduction</li> <li>Pursue sustainable reductions (e.g., animal feed and diet management)</li> <li>Continue strategy for managing nutrients from manure and poultry litter</li> <li>Coordinate federal funding to focus on priority watersheds</li> <li>Seek long-term funding for state agriculture incentive programs</li> <li>Engage corporate sector in making agricultural production changes</li> </ul>
	Developed Lands	3c. Reduced Loads from Developed Lands	<ul style="list-style-type: none"> <li>Control stormwater on developed lands: regulate, restore, redevelop</li> <li>Evaluate stormwater regulations and strengthen links to water quality goals</li> <li>Promote progressive strategies to reduce/eliminate runoff</li> </ul>
	Onsite and Septic Systems	3d. Reduced Loads from Onsite and Septic Systems	<ul style="list-style-type: none"> <li>Assess adequacy of local requirements for system installation/maintenance</li> <li>Provide mandates and incentives for new denitrification systems</li> </ul>
	Streamside & Tidal Shoreline Riparian Areas	3e. Reduced Loads from Streamside and Tidal Shoreline Riparian Areas	<ul style="list-style-type: none"> <li>Target restoration to areas with highest water quality benefit</li> <li>Increase incentives to plant and maintain forest buffers</li> </ul>

GOAL	TOPIC AREA	DESIRED RESULTS	STRATEGIES
<b>3</b> Protect and Restore Water Quality (cont.)	Streambanks & Tidal Shorelines	<b>3f. Reduced Sediment Loads from Streambanks and Tidal Shorelines</b>	<ul style="list-style-type: none"> <li>Identify and target watersheds delivering high sediment loads to tidal waters</li> <li>Improve targeting tools to better focus management at priority locations</li> <li>Pilot Regional Sediment Management approach within Bay watershed</li> <li>Target implementation of living shoreline restoration</li> </ul>
	Air Emissions	<b>3g. Reduced Loads from Air Emissions</b>	<ul style="list-style-type: none"> <li>Implement Clean Air Interstate Rule and state programs to meet air standards</li> <li>Complete research on ammonia emissions from animal operations</li> <li>Develop management practices for emissions from animal operations</li> <li>Incorporate practices into tributary strategies and support widespread use</li> </ul>
	Acid Mine Drainage	<b>3h. Reduced Acid Mine Drainage (AMD) Impacts on Streams</b>	<ul style="list-style-type: none"> <li>Support research quantifying nutrient benefits of AMD restoration</li> <li>Target and credit nutrient benefits from AMD restoration projects</li> </ul>
	Chemical Contaminants	<b>3i. Reduced Chemical Contaminant Loads</b>	<ul style="list-style-type: none"> <li>Identify actions yielding both nutrient and chemical reductions</li> <li>Prioritize management actions to areas yielding the greatest multiple benefits to living resources</li> </ul>
<b>4</b> Maintain Healthy Watersheds	Land Preservation	<b>4a. Preserved Valuable Resource Lands</b>	<ul style="list-style-type: none"> <li>Support local preservation planning with educational, technical, and financial assistance</li> <li>Protect lands of national value</li> <li>Seek to provide financial support for state &amp; local land protection</li> </ul>
	Land Conservation	<b>4b. Minimized Conversion of Forests, Wetlands &amp; Working Farms</b>	<ul style="list-style-type: none"> <li>Support local planning and implementation with technical &amp; financial assistance</li> <li>Technical assistance for small private forest management and conservation</li> <li>Seek to effectively use forest conservation funding through Farm Bill programs</li> <li>Facilitate development of ecosystems service markets</li> <li>Seek to strengthen federal grant requirements through ties to conservation</li> </ul>
	Pre-Development Hydrology	<b>4c. Minimized Impacts to Pre-Development Hydrology</b>	<ul style="list-style-type: none"> <li>Explore strategies for community level nutrient &amp; sediment allocations</li> <li>Strengthen state implementation of federal regulatory programs</li> <li>Seek to use federal implementation funds as leverage</li> <li>Establish a minimum impact development model and standards</li> <li>Recognize and certify minimum impact development</li> <li>Support local implementation of codes and ordinances</li> <li>Implement minimum impact development in federal projects</li> <li>Implement Urban Tree Canopy goals</li> </ul>
<b>5</b> Foster Chesapeake Stewardship	Public Access	<b>5a. Enhanced Public Access</b>	<ul style="list-style-type: none"> <li>Enhance public access (e.g., Capt. J. Smith Chesapeake Trail)</li> <li>Enhance and expand access at Chesapeake Bay Gateways and Watertrails</li> <li>Develop a Bay-wide access plan</li> </ul>
	Watershed Education	<b>5b. High-Quality Bay Watershed Education</b>	<ul style="list-style-type: none"> <li>Increase and improve Meaningful Watershed Educational Experience (MWEE) implementation throughout watershed</li> <li>Assist environmental education organizations &amp; professionals</li> <li>Ensure availability of best resources for educators</li> <li>Increase thoughtful use of technology in delivery of MWEEs</li> <li>Employ government/research expertise/resources in delivering MWEEs</li> </ul>
	Placed-Based Interpretation	<b>5c. High-Quality Interpretation of the Watershed and Its Values</b>	<ul style="list-style-type: none"> <li>Support place-based interpretation at partnerships and along trails</li> <li>Create Bay-wide interpretive materials, media and programming</li> <li>Enhance informal educational and lifelong learning opportunities</li> <li>Enhance heritage tourism marketing and product development</li> </ul>
	Citizen Engagement	<b>5d. Increased Citizen &amp; Community Engagement</b>	<ul style="list-style-type: none"> <li>Develop comprehensive strategic communications plan</li> <li>Execute timed public relations initiatives to build understanding of restoration</li> <li>Develop social marketing initiatives targeted to specific audiences</li> <li>Provide technical assistance to targeted audiences to promote best practices</li> <li>Support localized citizen volunteer conservation and restoration</li> <li>Execute internal communications structure</li> <li>Facilitate public participation through Citizen Advisory Committees</li> <li>Coordinate CBP communication staffs</li> </ul>
<b>6</b> Enhance Partnering Leadership & Management	Infrastructure	<b>6a. Effective Infrastructure Systems</b>	<ul style="list-style-type: none"> <li>Maintain an integrated "campus" of partners</li> <li>Advance "green" qualities of current and future facilities</li> <li>Provide superior information technology support for resident staff and partners</li> <li>Enhance the quality and delivery of administrative support and services</li> </ul>

Figure 5. *CBP Strategic Framework (cont.)*

GOAL	TOPIC AREA	DESIRED RESULTS	STRATEGIES
<div style="display: flex; align-items: center;"> <div style="border: 2px solid blue; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin-right: 10px;">6</div> <div style="background-color: #0056b3; color: white; border-radius: 50%; padding: 10px; text-align: center; width: 100px;">                     Enhance Partnering Leadership &amp; Management (cont.)                 </div> </div>	Organization Management	<b>6b. Responsive and Effective Organizational Management</b>	<ul style="list-style-type: none"> <li>■ Integrate adaptive management principles into organization</li> <li>■ Enhance meeting management to optimize progress and results</li> <li>■ Use consensus where appropriate; foster new approaches to partner leadership and innovation (e.g., champions)</li> <li>■ Implement organizational changes to enhance effectiveness</li> </ul>
		<b>6c. Effective Coordination, Accountability, and Evaluation</b>	<ul style="list-style-type: none"> <li>■ Evolve and employ the CAP to coordinate partner actions</li> <li>■ Enhance accountability and depiction of progress</li> <li>■ Tailor the CAP to address the needs of state partners</li> <li>■ Implement approaches to foster ongoing, independent evaluation</li> </ul>
		<b>6d. Effective Reporting on Health and Restoration Progress and Results</b>	<ul style="list-style-type: none"> <li>■ Continue development of annual <i>Health &amp; Restoration Assessment</i></li> <li>■ Use annual reports to inform adaptive management efforts</li> </ul>
		<b>6e. Effective Grants, Contracts, and Inter-agency Agreements Management</b>	<ul style="list-style-type: none"> <li>■ Continue to follow EPA procedures that demonstrate environmental results and are linked to EPA's Strategic Plan</li> <li>■ Develop work plans that contain well-defined outputs and outcomes that relate to improved health of the Chesapeake Bay</li> </ul>

**CAP Goals**

Goal 1: Protect and Restore Fisheries

Goal 2: Protect and Restore Vital Aquatic Habitats

Goal 3: Protect and Restore Water Quality

Goal 4: Maintain Healthy Watersheds

Goal 5: Foster Chesapeake Stewardship

Goal 6: Enhance Partnering, Leadership & Management

**CAP Topic Areas**

Goal 1 Topic Areas:  
 Ecosystem-Based Fisheries Mgt Support  
 Oysters  
 Blue Crabs  
 Striped Bass  
 Alosines  
 Menhaden  
 Other work to protect & restore fisheries

Goal 2 Topic Areas:  
 Fish Passage  
 Submerged Aquatic Vegetation  
 Wetlands  
 Vital Habitats Support  
 Other work to protect & restore vital habitats

Goal 3 Topic Areas:  
 Municipal & Industrial Wastewater  
 Agricultural Lands & Animal Operations  
 Developed Lands  
 Onsites & Septic Systems  
 Streamside & Tidal Shoreline Riparian Areas  
 Air Emissions  
 Acid Mine Drainage  
 Chemical Contaminants  
 Healthy Waters Support  
 Other work to protect & restore water quality

Goal 4 Topic Areas:  
 Land Preservation  
 Land Conservation  
 Pre-Development Hydrology  
 Healthy Watershed Support  
 Other work to maintain healthy watersheds

Goal 5 Topic Areas:  
 Public Access  
 Watershed Education  
 Place-Based Interpretation  
 Chesapeake Stewardship  
 Fostering Chesapeake Stewardship Support  
 Other work to foster Chesapeake Stewardship

Goal 6 Topic Areas:  
 Effective Infrastructure Systems  
 Organizational Management  
 Other work to enhance partnering & mgt.

**CAP Activity Categories**

Goal 1-5 Activity Categories:  
 Monitoring  
 Regulation  
 Program Management  
 Information Management  
 Technical Support  
 Research  
 Funding/Finance  
 Mitigation  
 Trading/Credit  
 Remediation  
 Management Tool Development  
 Targeting  
 TMDL Development  
 Habitat  
 Communications  
 Restoration  
 Aquaculture  
 Land Preservation  
 Engage Partners  
 Protection  
 Enhancement  
 Education  
 Technical Assistance  
 Land Conservation  
 Enforcement  
 Assessment  
 Other

Goal 6: Activity Categories:  
*Organization Management:*  
 Program Management  
 Grants/Contracts  
 Reporting Other  
  
*Infrastructure:*  
 Information Technology  
 Facilities  
 Other