

EO Strategy Outcomes

Attachment 13

RESTORE CLEAN WATER GOAL: Reduce nitrogen, phosphorus, sediment and other pollutants to meet Bay water quality goals for dissolved oxygen, clarity and chlorophyll-a and toxic contaminants.	
	WATER QUALITY OUTCOME: Meet water quality standards for dissolved oxygen, clarity/underwater grasses and chlorophyll-a in the Bay and tidal tributaries by implementing 100 percent of pollution reduction actions for nitrogen, phosphorus and sediment no later than 2025, with 60 percent of segments attaining standards by 2025. <i>(Current condition: 89 of the 92 segments of the Bay and its tidal waters are impaired.)</i>
	STREAM RESTORATION OUTCOME: Improve the health of streams so that 70 percent of sampled streams throughout the Chesapeake watershed rate three, four, or five (corresponding to fair, good or excellent) as measured by the Index of Biotic Integrity, by 2025. <i>(Current condition: 45 percent of sampled streams rated fair, good or excellent.)</i>
	AGRICULTURAL CONSERVATION OUTCOME: Work with producers to apply new conservation practices on 4 million acres of agricultural working lands in high-priority watersheds by 2025 to improve water quality in the Chesapeake Bay and its tributaries. <i>(Current condition: Of the approximately 8 million acres of agricultural working lands in high-priority watersheds, approximately 4 million acres are identified as having soils with the highest potential for leaching and runoff, which may affect water quality. The 4-million-acre target is to apply or expand conservation treatment on virtually all of the most vulnerable agricultural lands.)</i>
RECOVER HABITAT GOAL: Restore a network of land and water habitats to support priority species and to afford other public benefits, including water quality, recreational uses and scenic value across the watershed.	
	WETLAND RESTORATION OUTCOME: Restore 30,000 acres of tidal and non-tidal wetlands and enhance the function of an additional 150,000 acres of degraded wetlands by 2025. <i>(Current condition: 1 million acres of tidal and non-tidal wetlands estimated to be available in the Chesapeake watershed for restoration or enhancement. Between 1998 and 2008, 18,217 acres of wetlands were restored and 97,738 acres were enhanced.)</i>
	FOREST BUFFER OUTCOME: Restore riparian forest buffers to 63 percent, or 181,440 miles, of the total riparian miles (stream bank and shoreline miles) in the Bay watershed by 2025. <i>(Current condition: 58 percent of the 288,000 total riparian miles in the Bay watershed has forest buffers in place.)</i>
	FISH PASSAGE OUTCOME: Restore historical fish migratory routes by opening 1,000 additional stream miles by 2025, with restoration success indicated by the presence of river herring, American shad and/or American eel. <i>(Current condition: Approximately 1,924 stream miles in the Chesapeake Bay watershed have been opened and are accessible for fish migration. Projects are currently being ranked and prioritized through a collaborative federal and state process designed to strategically target priority projects.)</i>

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<p>SUSTAIN FISH & WILDLIFE GOAL: Sustain healthy populations of fish and wildlife, which contribute to a resilient ecosystem and vibrant economy.</p>	
	<p>OYSTER OUTCOME: Restore native oyster habitat and populations in 20 tributaries out of 35 to 40 candidate tributaries by 2025. <i>(Current condition: 0 tributaries with fully restored oyster populations; several tributaries with successful living oyster reef habitat.)</i></p>
	<p>BLUE CRAB OUTCOME: Maintain sustainable blue crab interim population target of 200 million adults (1+ years old) in 2011 and develop a new population rebuilding target for 2012-2025. <i>(Current condition: 2007-2008: 131 million; 2008-2009: 223 million; 2009-2010: 315 million.)</i></p>
	<p>BROOK TROUT OUTCOME: Restore naturally reproducing brook trout populations in headwater streams by improving 58 sub-watersheds from 'reduced' classification (10-50 percent of habitat lost) to 'healthy' (less than 10 percent of habitat lost) by 2025. <i>(Current condition: 388 of 1,294 sub-watersheds in the Chesapeake Bay currently classified as "reduced" for brook trout.)</i></p>
	<p>BLACK DUCK OUTCOME: Restore a three-year average wintering black duck population in the Chesapeake Bay watershed of 100,000 birds by 2025. <i>(Current condition: Recent mid-winter aerial surveys estimate the 2007-2009 rolling three-year average at 37,158 black ducks in the Chesapeake Bay.)</i></p>
<p>CONSERVE LAND AND INCREASE PUBLIC ACCESS GOAL: Conserve landscapes to maintain water quality, habitat, sustainable working forests, farms and maritime communities; and cultural, community and indigenous values. It will also expand public access to the Bay and its tributaries through existing and new federal, state, and local parks, refuges, reserves, trails and partner sites.</p>	
	<p>LAND CONSERVATION OUTCOME: Protect an additional 2 million acres of lands throughout the watershed currently identified as high conservation priorities at the federal, state or local level by 2025, including 695,000 acres of forest land of highest value for maintaining water quality. <i>(Current condition: 7.8 million acres currently protected watershed wide.)</i></p>
	<p>PUBLIC ACCESS OUTCOME: Increase public access to the Bay and its tributaries by adding 300 new public access sites by 2025. <i>(Current condition: 761 public access sites providing access to Bay and its tributaries exist in DC, MD, PA, and VA. Data on existing access sites in NY, DE and WV will be collected in the future.)</i></p>