

## DRAFT Summary of Indicators by Status, where Progress towards Outcome is Measurable

Status: Good Standing					
Goal	Outcome	Summary of Outcome from Agreement	Status	Current Supporting Indicators	Notes
Sustainable Fisheries	<b>Blue Crab Abundance</b>	Maintain sustainable population based on current 2012 target (215 million adult females).	Good Standing	Adult female blue crab population	
	<b>Blue Crab Management</b>	Manage for a stable and productive crab fishery	Good Standing	% of adult female crabs removed	
Vital Habitats	<b>Fish Passage</b>	Open additional 1,000 stream miles	Good Standing	Miles of opened stream	
	<b>Forest Buffer</b>	Restore 900 miles per year	Good Standing	Short-term: miles planted per year and cumulative	
	<b>SAV</b>	185,000 acres of SAV (90,000 by 2017 and 130,000 by 2025)	Good Standing	SAV Abundance (acres)	
	<b>Stream health</b>	Continually improve stream health and function throughout the watershed	Good Standing	Chessie BIBI	
	<b>Wetlands</b>	Create or re-establish 2,000 acres (total of 85,000 minus 83,000 agricultural) of tidal and non-tidal wetlands	Good Standing		
	<b>Wetlands</b>	83,000 (out of 85,000 total target) acres of wetlands restored on agricultural lands	Good Standing	Wetlands restored on agricultural lands	

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Water Quality	<b>2017 WIP</b>	Practices and controls in place to achieve 60% reductions in nutrient and sediment pollution loads	Good Standing	Nitrogen, Phosphorus and Sediment loads (model simulated)	
	<b>2025 WIP</b>	Practices and controls in place to achieve TMDL standards for DO, water clarity/SAV, and chlorophyll <i>a</i>	Good Standing	Nitrogen, Phosphorus and Sediment loads (model simulated)	
	<b>Water Quality Standards Attainment and Monitoring</b>	Report progress made in attaining reestablished WQS and trends in reducing nutrients and sediment	Good Standing	% of standards attained; USGS analysis of trends	
Public Access	<b>Public Access</b>	Add 300 new sites, emphasizing boating, swimming and fishing	Good Standing	Access sites added and cumulative sites	
<b>Status: Technical Issues</b> (measurement or methodology issues to be worked out)					
Goal	Outcome	Summary of Outcome from Agreement	Status	Current Supporting Indicators	Potential New Indicators
Vital Habitats	<b>Brook Trout</b>	8% increase in occupied habitat	Technical Issues	Km <sup>2</sup> of habitat occupied (Eastern Brook Trout Joint Venture assessment)	% increase in occupied habitat (baseline is established); secondary--contiguous populations?

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Status: In Development (GIT, workgroup, or action team currently refining an indicator)					
Goal	Outcome	Summary of Outcome from Agreement	Status	Indicator Under Development	Other Potential Indicators
Sustainable Fisheries	<b>Oyster</b>	Restore native oyster habitat and populations in 10 tributaries by 2025	In Development	Number of tributaries restored	Level of restoration
Vital Habitats	<b>Stream health</b>	Improve health and function of 10% of stream miles above 2008 baseline	In Development	Health of Freshwater Streams – based on benthos	Stream miles (or %) with improved health from 2008; interest in developing a more wholistic indicator (i.e., a fish health index).
	<b>Tree Canopy</b>	Expand by 2,400 acres by 2025	In Development	Short-term: acres planted	Long-term: net acres of tree canopy
Healthy Watersheds	<b>Healthy Watersheds</b>	100% of state-identified currently healthy waters remain healthy	In Development	State identified healthy watersheds (these change annually)	Percentage of healthy waters and watersheds that remain healthy through time
Stewardship	<b>Citizen Stewardship</b>	Increase # and diversity of trained and mobilized citizen volunteers	In Development	Stewardship Index (measures of behavior, civic engagement, and volunteerism)	"Factors Influencing" indicators include likeliness of changing behavior and individual engagement with watershed (currently included in Index)

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Environmental Literacy	<b>Student</b>	One meaningful watershed educational experience (MWEE) in elementary, middle and high school	In Development	Student participation in MWEEs in elementary, middle and high school	(ELIT Survey to establish baseline, may provide other indicators)
	<b>Sustainable Schools</b>	Increase # of schools that reduce building impact	In Development	Number of LEAs that have plans or initiatives to create sustainable schools	(ELIT Survey to establish baseline, may provide other indicators)
<b>Status: No Current Indicator</b> (an indicator is not currently used to describe progress towards this outcome)					
Goal	Outcome	Summary of Outcome from Agreement	Status	Potential New Indicators	
Vital Habitats	<b>Fish Passage</b>	Consistent presence of specified species	No Current Indicator		
	<b>Forest Buffer</b>	Conserve existing buffer	No Current Indicator		
	<b>Forest Buffer</b>	at least 70% of riparian areas are forested	No Current Indicator	Long-term: miles (or %) of riparian zones forested (net)	
	<b>Wetlands</b>	Enhance function of additional 150,00 degraded wetlands	No Current Indicator		
Climate Resiliency	<b>Monitoring and Assessment</b>	Monitor and assess trends and likely impacts of changing climatic and sea level conditions on the Bay ecosystem	No Current Indicator		
Land Conservation	<b>Land Use Options</b>	Develop strategies to support local governments' and others' efforts to reduce these rates by 2025 and beyond	No Current Indicator	Metrics for land conversion and impervious surface change	

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Status: Indirectly or Partially Links to Outcome (needs closer association with Outcome language or metrics)					
Goal	Outcome	Summary of Outcome from Agreement	Status	Current Supporting Indicators	Potential New Indicators
Vital Habitats	<b>Black Duck</b>	Habitat to support wintering population of 100,000	Indirectly or Partially Links to Outcome	Average # of ducks observed (rolling 3-year average)	Acreage of potential habitat and the number of ducks it would support (based on food availability)
Toxic Contaminants	<b>Toxic Contaminants Policy and Prevention</b>	Build on existing programs to reduce PCBs	Indirectly or Partially Links to Outcome	% of tidal waters partially or fully impaired	Expand chemical contaminants indicator to all of watershed. Sources and Loadings of PCBs. Fish tissue PCB concentration across watershed. Fish advisory mapping with demographic layers.
Land Conservation	<b>Protected Lands</b>	Add 2M acres, including 225,000 wetlands and 695,000 forest	Indirectly or Partially Links to Outcome	Number acres protected (2010 baseline)	Number acres protected with breakdown of forests/wetlands/other