BIENNIAL STRATEGY REVIEW SYSTEM
Chesapeake Bay Program

Logic and Action Plan: Post Quarterly Progress Meeting

Wetlands – 2018-2019

*[NOTE: make sure to edit **pre**- or **post**- in the text above, to tell the reader whether this logic and action plan is in preparation for your quarterly progress meeting or has been updated based on discussion at the quarterly progress meeting.]*

Long-term Target: 85,000 acres
Two-year Target: (increment of metric for success)

Instructions: Before your quarterly progress meeting, provide the status of individual actions in the table below using this color key.

Action has been completed or is moving forward as planned.

Action has encountered minor obstacles.

Action has not been taken or has encountered a serious barrier.

Additional instructions for completing or updating your logic and action plan can be found on ChesapeakeDecisions.

Factor	Current Efforts	Gap	Actions	Metrics	Expected Response and Application	Learn/Adapt
What is impacting our ability to achieve our outcome?	*What current efforts are addressing this factor?*	*What further efforts or information are needed to fully address this factor?*	*What actions are essential (to help fill this gap) to achieve our outcome?*	*What will we measure or observe to determine progress in filling identified gap?*	*How and when do we expect these actions to address the identified gap? How might that affect our work going forward?*	*What did we learn from taking this action? How will this lesson impact our work?*
Funding		Funding for restoration is limited	**4.4** Identify opportunities to restore large wetland acreages.			
Partner Coordination	Wetland BD landowner advisory group developing framework for outreach	Co-benefits may not be emphasized in conservation / restoration	**2.3** Implement select solutions from TNC/DU Stakeholder report to address barriers			

			and improve outreach.			
	Wetland BD landowner advisory group developing framework for outreach		**4.1** Coordinate with black duck workgroup			
Inaccurate and Incomplete Reporting	Pilot study completed – July 2016	Reoccurring errors and delays in reporting acreage numbers from states	**1.1** Collaborate with Wetland Expert Panel and Modeling Team to improve wetland mapping for Chesapeake Bay Watershed.			
	CBP has unsuccessfully attempted to verify.		**1.2** Streamline NEIEN data collection for each State.			
			1.3 Confirm the accuracy of information reported.			
		Potential inaccuracies in model efficiencies result in inaccurate crediting	**4.3** Explore ways for wetlands that are performing higher function to receive greater credit in the Bay Model.			
Importance of Restoration among Decision-Makers		Co-benefit understanding by policy and decision makers	**4.2** Identify areas where wetland restoration would greatly benefit water quality and habitat			
Technical Understanding among Restoration Practitioners	Pilot study completed – July 2016	Accurate locations of wetlands and potential project areas	**1.1** Collaborate with Wetland Expert Panel and Modeling Team to improve wetland mapping for Chesapeake Bay Watershed.			
			1.4 Improve mapping of tidal wetlands to document loss due			

			to sea level rise and other factors			
		Information sharing between practitioners	**3.1** Continue to include technical presentations at Wetland Workgroup meetings			
	Completed	Prioritization of land for conservation or restoration	**3.2** Conduct investigations of factors affecting wetlands			
			4.2 Identify areas where wetland restoration would greatly benefit water quality and habitat			
			4.4 Identify opportunities to restore large wetland acreages.			
	Efforts by CBP Web team and Green Fin to produce "Wetlands Work"	Workgroup capacity to meet goals	**5.1** STAC Workshop - "Linking Wetland Work Plan Goals to Enhance Capacity, Increase Implementation"			
Climate Change		Incomplete information of climate change effects	**1.4** Improve mapping of tidal wetlands to document loss due to sea level rise and other factors			
	Completed		**3.2** Conduct investigations of factors affecting wetlands			
Landowner Willingness / Marketing and Outreach	Completed	Landowner interest and willingness for conservation / restoration	**2.1** Identify barriers to willingness for agricultural landowners.			
	Completed		**2.2** Based on Landowner Survey, develop marketing strategies for increasing			

		restoration program participation			
Wetland BD landowner advisory group developing framework for outreach		**2.3** Implement select solutions from TNC/DU Stakeholder report to address barriers and improve outreach.			
	Incomplete information for public engagement	**5.2** Identify/ create "Wetland Outreach Coordinators" in each state/ priority area that will identify key outreach opportunities, find funding for the right programs, and provide a way to address competing messages. Rather than waiting for farmers to come forward with opportunities, such outreach could be conducted in critical areas to get farmers interested. This could be tied to existing structures already used by farmers, with care given to avoid giving inconsistent messages.			
Efforts by CBP Web team and Green Fin to produce "Wetlands Work"		**5.3** Develop inventory of wetland programs and demonstration projects that fund wetland restoration in each state. Determine how to disseminate this			

			information to key practitioners that interact with landowners.		

ACTIONS – 2018-2019

Action #	Description	Performance Target(s)	Responsible Party (or Parties)	Geographic Location	Expected Timeline
Management Approach 1: Improve wetland mapping, and the wetland restoration reporting and tracking process					
1.1	Collaborate with Wetland Expert Panel and Modeling Team to improve wetland mapping for Chesapeake Bay Watershed.	1. Complete pilot project in PA 2. Evaluate PA pilot and decide on expansion to other states. Other states interested – lack of funding	Modeling Team Leading Contract	Chesapeake Bay Watershed in Pennsylvania	July 2016
1.2	Streamline NEIEN data collection for each State.		Wetland Workgroup, NEIEN Contacts for each State		Ongoing due to shifts in personnel – MD is fine (Erin)
1.3	Confirm the accuracy of information reported.		NEIEN Contacts for each State	Watershed-wise	Ongoing
1.4	Improve mapping of tidal wetlands to document loss due to sea level rise and other factors	Complete mapping and compare to previous data for status and trends analysis	USGS, Climate Change Workgroup	Tidal waters of MD and VA	2016 - 2017
Management Approach 2: Identify barriers to wetland restoration and develop solutions to address them.					
2.1	Identify barriers to willingness for agricultural landowners.	Completed	Wetland Workgroup, OpinionWorks and UMD, CBT	Maryland, Pennsylvania	December 2015
2.2	Based on Landowner Survey, develop marketing strategies for increasing restoration program participation	More refined marketing and outreach recommendations to engage landowners, contact Chesapeake Communications Workgroup to seek input and support.	Wetland Workgroup	Watershed wide	March 2016
2.3	Implement select solutions from TNC/DU Stakeholder report to address barriers and improve outreach.	Identify priority areas and implement outreach Black duck action team project: wetland BD landowner advisory group developing framework for outreach. Which types of	Wetland Workgroup and practitioners	All states	ongoing

ACTIONS – 2018-2019					
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		restoration to suggest to specific areas / watersheds. Outreach happening soon.			
Management Approach 3: Increase our technical understanding of the factors influencing restoration and enhancement success.					
3.1	Continue to include technical presentations at Wetland Workgroup meetings	1. Information Exchange 2. Shared Lessons Learned	Wetland Workgroup, Other Partners	Watershed wide	Ongoing
3.2	Conduct investigations of factors affecting wetlands	1. Model wetland loss and migration due to sea-level rise with emphasis on black duck habitat	USGS (Guntenspergen)	Blackwater	2016
				Additional tidal areas	2017
		2. Assess vulnerability of freshwater wetlands	USGS (NOE)	Lower Eastern Shore	2016-2017
Management Approach 4: Prioritize areas for wetland restoration.					
4.1	Coordinate with black duck workgroup	Incorporate priority areas for black ducks from Black Duck Workgroup	Wetland Workgroup, Black Duck Workgroup	Tidal MD and VA	ongoing
4.2	Identify areas where wetland restoration would greatly benefit water quality and habitat	1. Develop prioritization criteria 2. Identify areas for each state and/or priority watershed	Wetland Workgroup, Outside consultant	Watershed wide	2 years; completed by September 2017
4.3	Explore ways for wetlands that are performing higher function to receive greater credit in the Bay Model.	New crediting mechanism in the Bay Model to credit wetlands that will achieve greater water quality function	Wetland Workgroup, STAC From MDE	Watershed wide	2017
4.4	Identify opportunities to restore large wetland acreages.	Areas identified for each state and/or priority watersheds	Wetland Workgroup, Outside consultant	Watershed wide	Completed in concert with water quality analysis
Management Approach 5: Expand the involvement of local stakeholders.					
5.1	STAC Workshop - "Linking Wetland Work Plan Goals to Enhance Capacity, Increase Implementation"	Develop a framework for enhancing the Wetland Workgroup's capacity to meet the Wetland Outcome goals	Wetland Workgroup, Other Partners	Watershed wide	January 14, 2016
5.2	Identify/ create "Wetland Outreach Coordinators" in each state/ priority area that will identify key outreach	An outreach coordinator in each state/ priority area.	Wetland Workgroup, local stakeholders	Watershed Wide	Dec 2018

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Action #	**Description**	**Performance Target(s)**	**Responsible Party (or Parties)**	**Geographic Location**	**Expected Timeline**
	opportunities, find funding for the right programs, and provide a way to address competing messages. Rather than waiting for farmers to come forward with opportunities, such outreach could be conducted in critical areas to get farmers interested. This could be tied to existing structures already used by farmers, with care given to avoid giving inconsistent messages.				
5.3	Develop inventory of wetland programs and demonstration projects that fund wetland restoration in each state. Determine how to disseminate this information to key practitioners that interact with landowners.	Program inventory for each state	Wetland Workgroup, local stakeholders	Watershed Wide	Dec 2017
5.4	The Chesapeake Bay Commission will work collaboratively with the Bay Program partners to identify legislative, budgetary and policy needs to advance the goals of the Chesapeake Watershed Agreement. We will, in turn, pursue action within our member state General Assemblies and the United States Congress. See CBC Resolution #14-1 for additional information on the CBC's participation in the management strategies.	Identify incremental steps to achieve Key Action.	CBC	Watershed wide	Dec 2018