Biennial Strategy Review System: Logic Table and Work Plan

Instructions: The following Logic Table should be used to articulate, document, and examine the reasoning behind your work toward an Outcome. Your reasoning—or logic—should be based on the Partnership's adaptive management decision framework. This table allows you to indicate the status of your management actions and denote which actions have or will play the biggest role in making progress.

Some Management Strategies and Work Plans will not immediately or easily fit into this analytical format. However, **all GITs should complete columns one through four** to bring consistency to and heighten the utility of these guiding documents. The remaining columns are recommended for those who are able to complete them. If you have any questions as you are completing this table, please contact SRS Team Coordinator Laura Free (free.laura@epa.gov).

The instructions below should be used to complete the table. An example table is available on the GIT 6 webpage under "Projects and Resources".

1. For the first round of strategic review (2017-2018): Use your existing Work Plan actions to complete the **Work Plan Actions** section first. Make sure to number each of the actions under a high-level Management Approach, as these numbers will provide a link between the work plan and the logic table above it. Use color to indicate the status of your actions: a green row indicates an action has been completed or is moving forward as planned; a yellow row indicates an action has encountered minor obstacles; and a red row indicates an action has not been taken or has encountered a serious barrier.

2. **Required:** In the column labeled **Factor**, list the significant factors (both positive and negative) that will or could affect your progress toward an Outcome. The most effective method to ensure logic flow is to list all your factors and then complete each row for each factor. Consult our Guide to Influencing Factors (Appendix B of the Quarterly Progress Meeting Guide on the GIT 6 webpage under "Projects and Resources") to ensure your list is reasonably comprehensive and has considered human and natural systems. Include any factors that were not mentioned in your original Management Strategy or Work Plan but should be addressed in any revised course of action. If an unmanageable factor significantly impacts your outcome (e.g., climate change), you might choose to list it here and describe how you are tracking (but not managing) that factor.

3. **Required:** In the column labeled **Current Efforts**, use keywords to describe existing programs or current efforts that other organizations are taking that happen to support your work to manage an influencing factor but would take place even without the influence or coordination of the Chesapeake Bay Program. You may also include current efforts by the Chesapeake Bay Program. Many of these current efforts may already be identified in your Management Strategy; you may choose to link the keywords used in this table to your Management Strategy document for additional context. You may also choose to include some of these efforts as actions in your work plan; if you do, please include the action's number and hyperlink.

4. **Required:** In the column labeled **Gap**, list any existing gap(s) left by those programs that may already be in place to address an influencing factor. These gaps should help determine the actions that should be taken by the Chesapeake Bay Program through the collective efforts of Goal Implementation Teams, Workgroups, and internal support teams like STAR, or the actions that should be taken by individual partners to support our collective work (e.g., a presentation of scientific findings by a federal agency to a Chesapeake Bay Program workgroup). These gaps may already be listed in your Management Strategy.

5. **Required:** In the column labeled **Actions**, list the number that corresponds to the action(s) you are taking to fill identified gaps in managing influencing factors. Include on a separate line those approaches and/or actions that may not be linked to an influencing factor. To help identify the action number, you may also include a few key words. Emphasize critical actions in **bold**.

6. **Optional:** In the column labeled **Metric**, describe any metric(s) or observation(s) that will be used to determine whether your management actions have achieved the intended result.

7. **Optional:** In the column labeled **Expected Response and Application**, briefly describe the expected effects and future application of your management actions. Include the timing and magnitude of any expected changes, whether these changes have occurred, and how these changes will influence your next steps

8. **Optional:** In the column labeled **Learn/Adapt**, describe what you learned from taking an action and how this lesson will impact your work plan or Management Strategy going forward.

Wetland 2016 Work Plan

Primary Users: Goal Implementation Teams, Workgroups, and Management Board | Secondary Audience: Interested Internal or External Parties
Primary Purpose: To assist partners in thinking through the relationships between their actions and specific factors, existing programs and gaps (either new or identified in their Management Strategies) and to help workgroups and Goal Implementation Teams prepare to present significant findings related to these actions and/or factors, existing programs and gaps to the Management Board. | Secondary Purpose: To enable those who are not familiar with a workgroup to understand and trace the logic driving its actions.
Reminder: As you complete the table below, keep in mind that removing actions, adapting actions, or adding new actions may require you to adjust the high-level Management Approaches outlined in your Management Strategy (to ensure these approaches continue to represent the collection of actions below them).
Long-term Target: (the metric for success of Outcome): **85,000 acres**
Two-year Target: (increment of metric for success):

KEY: Use the following colors to indicate whether a Metric and Expected Response have been identified.	
Metric	Specific metrics have not been identified
	Metrics have been identified
Expected Response	No timeline for progress for this action has been specified
	Timeline has been specified

Factor	Current Efforts	Gap	Actions (critical in bold)	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 achieve our outcome?*	*Optional: Do we have a measure of progress? How do we know if we have achieved the intended result?*	*Optional: What effects do we expect to see as a result of this action, when, and what is the anticipated application of these changes?*	*Optional: What did we learn from taking this action? How will this lesson impact our work?*
Funding		*Funding for restoration is limited*	4.4			
Partner Coordination	*Wetland BD landowner advisory group developing framework for outreach*	*Co-benefits may not be emphasized in conservation / restoration*	2.3			

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	Wetland BD landowner advisory group developing framework for outreach		4.1			
Inaccurate and Incomplete Reporting	*Pilot study completed – July 2016*	*Reoccurring errors and delays in reporting acreage numbers from states*	1.1			
	CBP has unsuccessfully attempted to verify.		1.2			
			1.3			
		Potential inaccuracies in model efficiencies result in inaccurate crediting	4.3			
Importance of Restoration among Decision-Makers		*Co-benefit understanding by policy and decision makers*	4.2			
Technical Understanding among Restoration Practitioners	*Pilot study completed – July 2016*	*Accurate locations of wetlands and potential project areas*	1.1			
			1.4			
		Information sharing between practitioners	3.1			
	Completed	*Prioritization of land for conservation or restoration*	3.2			
			4.2			

Factor	Current Efforts	Gap	Actions (critical in bold)	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 achieve our outcome?	Optional: Do we have a measure of progress? How do we know if we have achieved the intended result?	Optional: What effects do we expect to see as a result of this action, when, and what is the anticipated application of these changes?	Optional: What did we learn from taking this action? How will this lesson impact our work?
			4.4			
	Efforts by CBP Web team and Green Fin to produce "Wetlands Work"	Workgroup capacity to meet goals	5.1			
Climate Change		Incomplete information of climate change effects	1.4			
	Completed		3.2			
Landowner Willingness / Marketing and Outreach	Completed	Landowner interest and willingness for conservation / restoration	2.1			
	Completed		2.2			
	Wetland BD landowner advisory group developing framework for outreach		2.3			
		Incomplete information for public engagement	5.2			
	Efforts by CBP Web team and Green Fin to produce "Wetlands Work"		5.3			

WORK PLAN ACTIONS

Green - action has been completed or is moving forward as planned   **Yellow** - action has encountered minor obstacles
Red - action has not been taken or has encountered a serious barrier

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	Wetland Workgroup and practitioners	All states	ongoing

Action #	Description	Performance Target(s)	Responsible Party (or Parties)	Geographic Location	Expected Timeline
		framework for outreach. Which types of 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

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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 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.	An outreach coordinator in each state/ priority area.	Wetland Workgroup, local stakeholders	Watershed Wide	Dec 2018
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	Identify incremental steps to achieve Key Action.	CBC	Watershed wide	Dec 2018

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Action #	**Description**	**Performance Target(s)**	**Responsible Party (or Parties)**	**Geographic Location**	**Expected Timeline**
	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.				