

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.

Land Use Options Evaluations Logic Table and Work Plan

Target: By the end of 2017, with the direct involvement of local governments or their representatives, evaluate policy options, incentives and planning tools that could assist them in continually improving their capacity to reduce the rate of conversion of agricultural lands, forests and wetlands as well as the rate of changing landscapes from more natural lands that soak up pollutants to those that are paved over, hardscaped or otherwise impervious. Strategies should be developed for supporting local governments' and others' efforts in reducing these rates by 2025 and beyond.

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
<i>What is impacting our ability to achieve our outcome?</i>	<i>What current efforts are addressing this factor?</i>	<i>What further efforts or information are needed to fully address this factor?</i>	<i>What actions are essential to achieve our outcome?</i>	<i>Optional: Do we have a measure of progress? How do we know if we have achieved the intended result?</i>	<i>Optional: What effects do we expect to see as a result of this action, when, and what is the anticipated application of these changes?</i>	<i>Optional: What did we learn from taking this action? How will this lesson impact our work?</i>
Partner Coordination	Work with Land Use Workgroup and Forestry Workgroup on projects and the Land Change Model	Additional capacity, leadership, participation across related outcomes and workgroups	2.1 , 2.2 , 2.3 , 3.1 , 4.1			
Technical Understanding	FY15 GIT Funding Project – UMD National Center for Smart Growth determined the spectrum of existing policy options, incentives and planning tools currently being	Need additional understanding on how to effectively engage local governments which will require partner coordination and additional capacity	1.1 , 1.2 , 2.2			

Factor	Current Efforts	Gap	Actions (critical in bold)	Metrics	Expected Response and Application	Learn/Adapt
<i>What is impacting our ability to achieve our outcome?</i>	<i>What current efforts are addressing this factor?</i>	<i>What further efforts or information are needed to fully address this factor?</i>	<i>What actions are essential to achieve our outcome?</i>	<i>Optional: Do we have a measure of progress? How do we know if we have achieved the intended result?</i>	<i>Optional: What effects do we expect to see as a result of this action, when, and what is the anticipated application of these changes?</i>	<i>Optional: What did we learn from taking this action? How will this lesson impact our work?</i>
	<p>implemented at the local and state level</p> <p>HWF-TMDL Project Phase I provided understanding on the monetary benefit and future offset savings of forestland retention</p> <p>HWF-TMDL Project Phase II worked with local officials to develop a toolbox of policy, regulatory, and financial incentives to conserve forests</p>					
Education and Outreach: Local and State Governments	<p>FY15 GIT Funding Project – UMD National Center for Smart Growth determined existing policy options, incentives and planning tools which could be shared to local governments across the Watershed</p> <p>HWF-TMDL Project Phase III component 1 will create a training on how to implement a</p>	<p>Local governments need better information on the variety of benefits of land conservation and on the variety of smart growth options</p> <p>Actions, tools, and technical support needed to empower local government and others needs to be compiled, packaged, and provided to our audiences.</p>	2.1			

Factor	Current Efforts	Gap	Actions (critical in bold)	Metrics	Expected Response and Application	Learn/Adapt
<i>What is impacting our ability to achieve our outcome?</i>	<i>What current efforts are addressing this factor?</i>	<i>What further efforts or information are needed to fully address this factor?</i>	<i>What actions are essential to achieve our outcome?</i>	<i>Optional: Do we have a measure of progress? How do we know if we have achieved the intended result?</i>	<i>Optional: What effects do we expect to see as a result of this action, when, and what is the anticipated application of these changes?</i>	<i>Optional: What did we learn from taking this action? How will this lesson impact our work?</i>
	toolbox of policy, regulatory, and financial incentives to conserve forests					
Local Government Agency Engagement	HWF-TMDL Project Phase II worked with local officials to develop a toolbox of policy, regulatory, and financial incentives to conserve forests	The level and type of effort varies across the watershed for promoting and implementing smart growth measures. Need to understand local government priorities and what options are most effective for them in order to get buy-in	2.1 , 3.1			
Legislative Engagement: Political Challenges	FY15 GIT Funding Project – UMD National Center for Smart Growth determined existing policy options, incentives and planning tools. HWF-TMDL Project Phase II worked with local officials to develop a toolbox of policy, regulatory, and financial incentives to conserve forests. These tools could be shared and implemented in	Conflicting efforts for local governments	2.1			

Factor	Current Efforts	Gap	Actions (critical in bold)	Metrics	Expected Response and Application	Learn/Adapt
<i>What is impacting our ability to achieve our outcome?</i>	<i>What current efforts are addressing this factor?</i>	<i>What further efforts or information are needed to fully address this factor?</i>	<i>What actions are essential to achieve our outcome?</i>	<i>Optional: Do we have a measure of progress? How do we know if we have achieved the intended result?</i>	<i>Optional: What effects do we expect to see as a result of this action, when, and what is the anticipated application of these changes?</i>	<i>Optional: What did we learn from taking this action? How will this lesson impact our work?</i>
	local governments across the Watershed NGO land trust efforts to minimize future land change impacts and increase smart growth TMDL efforts to mitigate future land change impacts to the Bay					
Population Growth: Development	NGO, land trusts, and TMDL efforts to minimize future land change and mitigate impacts to the Bay	Need more incentives like crediting conservation to reduce land conversion to developed and impervious surfaces				
Funding and Finances	GIT Funding (UMD NCSG and VA DOF HWF-TMDL projects)	Are there additional viable funding resources other than GIT funding to create increase capacity to achieve Management Approach 2 and 3?	4.1			
Funding and Finances: Ensure continued affordability of forests, wetlands, and farmland	HWF-TMDL Project Phase III component 2 will create a credit mechanism that encourages	Need better financial incentives like crediting conservation				

Factor	Current Efforts	Gap	Actions (critical in bold)	Metrics	Expected Response and Application	Learn/Adapt
<i>What is impacting our ability to achieve our outcome?</i>	<i>What current efforts are addressing this factor?</i>	<i>What further efforts or information are needed to fully address this factor?</i>	<i>What actions are essential to achieve our outcome?</i>	<i>Optional: Do we have a measure of progress? How do we know if we have achieved the intended result?</i>	<i>Optional: What effects do we expect to see as a result of this action, when, and what is the anticipated application of these changes?</i>	<i>Optional: What did we learn from taking this action? How will this lesson impact our work?</i>
	optimization of land use planning decisions that conserve natural lands					

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: Determine the spectrum of existing land use “policy options, incentives, and planning tools” currently being implemented at the local state level					
1.1	Conduct a detailed scope of work that includes important considerations, examples, estimated hours, and initial cost estimates to complete this management approach	1. Apply for GIT FY14 Funding 2. Awarded contract to Tetra Tech 3. Finalize draft report	1. HWGIT 2. CBT and HWGIT Staff 3. Tetra Tech, HWGIT Staff	N/A	1. Early 2015 2. Mid 2015 3. Late 2015
1.2	Evaluate existing Land Use policy options, incentives, and planning tools to reduce the rate of conversion of agricultural lands, forests, and wetlands	1. Draft GIT FY15 Funding proposal 2. Work with awardee to complete policy evaluations as outlined in MS 3. Review results and evaluate next steps	1. HWGIT Staff 2. Contractor 3. HWGIT and CBP partner group	Bay-wide	1. September 2015 2. January – December 2016 3. 2017

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 2: Gather, summarize, and place on the Chesapeake Bay Program website (or other locals as determined in the Local Leadership Management Strategy approach for improving transfer of knowledge to locals) existing studies and reports on the costs, benefits, and effectiveness of both local and state level land use “policy options, incentives, and planning tools”.					
2.1	Integrate the results of the GIT FY15 Funding project, “Evaluation of land use policy options, incentives, and planning tools...” into an agreed upon location to assist in outreach on this topic to local and state land use officials	<ol style="list-style-type: none"> Review results and evaluate next steps Work with local leadership group and LGAC to review results and determine the best outreach mechanism 	<ol style="list-style-type: none"> HWGIT Staff HWGIT Staff, Local Leadership Workgroup, LGAC, CAC 	N/A	<ol style="list-style-type: none"> 2017 2017
2.2	Link the results of the Land Use Methods and Metrics outcome to the Land Use Evaluations Workplan	<ol style="list-style-type: none"> Work with HWGIT and Land Use Options Evaluations Management Strategy team to link the results of land use methods and metrics analyses and results to determine how best to assist communities in reducing the rate of conversion 	<ol style="list-style-type: none"> HWGIT, CAC, LGAC, CBP Communications Team, and other CBP partners 	N/A	<ol style="list-style-type: none"> 2017
2.3	Explore the development and implementation of a methodology to establish climate related goals and baseline for individual Chesapeake Bay Agreement Management Strategies such as the Land Use options Evaluation Management Strategy	<ol style="list-style-type: none"> Compile existing climate change vulnerability research and data, including available assessment products and tools Work with the Climate Resiliency Workgroup to refine Climate Resiliency Analysis Decision Making metric and recommend implementation process for applying metric analysis and decision-making process to other Management Strategies such as the Land Use Options Evaluation 	<ol style="list-style-type: none"> STAR, Climate Resiliency Workgroup Climate Resiliency Workgroup 	Bay-wide	<ol style="list-style-type: none"> December 2017 December 2017
Management Approach 3: Survey local governments and interest groups to determine which of the “policy options, incentives and planning tools” implemented at the local or state level have been most effective at reducing land conversion rates; whether the compilation of existing studies and reports					

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
on “policy options, incentives and planning tools” placed on the Bay Program website or other location (under the second Management Approach) is sufficient to meet their needs; and if not, what more do they need to achieve a reduction in land conversion rates.					
3.1	Review other local government outreach related outcome and actions items from across goal teams and work to assure there is a coordinated effort to obtain input from Local Governments and Stakeholders	<ul style="list-style-type: none"> 1. Meet with other GIT staff 2. Determine whether some actions can be combined 3. Work collaboratively toward multiple actions/outcomes 	<ul style="list-style-type: none"> 1. HWGIT and other GIT Staff 2. GIT Leadership 3. All 	N/A	<ul style="list-style-type: none"> 1. Late 2015 2. Early 2016 3. 2016-2017

Management Approach 4: Use the results of the first three Management Approach tasks to indicate whether additional work is needed to fulfill the evaluation component of this outcome and proceed with the strategy development component of this outcome.

4.1	Work collaboratively with Bay Program partners to identify legislative, budgetary and policy needs to advance the goals of the Chesapeake Bay Agreement. We will, in turn, pursue action within our member state General Assemblies and the United States Congress. (Per CBC Resolution #14-1)	<ul style="list-style-type: none"> 1. Work with GIT to consider policy changes or legislative actions identified by the GIT 	1. CBC	1. PA, MD, VA	1. Ongoing
-----	--	--	--------	---------------	------------