

The Chesapeake Bay Partnership's Strategy Review System: An Adaptive Management System for Restoring the Chesapeake Bay

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Enhance Partnering, Leadership and Management Goal Implementation Team



CHESAPEAKE
WATERSHED
AGREEMENT

2 0 1 4



Decision Framework

Chesapeake Bay
Program's approach
to adaptive
management



1. Use Tools That Teach.

SRS Tools on GIT 6 Page

- Biennial SRS General Description (607.14 KB)
- Biennial SRS Outcome Groupings and Schedule (with legend) (116.03 KB)
- 2018 SRS Meeting Calendar (106.18 KB)
- Quarterly Progress Meeting Prep Schedule (July 2017-December 2018) (617.65 KB)
- Quarterly Progress Meeting Guide (317.78 KB)
- Quarterly Progress Meeting Logic Table and Work Plan (35.17 KB)
- Quarterly Progress Meeting Logic Table and Work Plan EXAMPLE (42.26 KB)
- Quarterly Progress Meeting Presentation Template (1.28 MB)
- Quarterly Progress Meeting Presentation Optional Graphic (35.23 KB)
- Management Strategy Review Guidance (675.17 KB)
- Management Strategy and Workplan Update Schedule (with dates) (699.77 KB)
- Process for Updating Watershed Agreement Strategies (April 2018) (384.2 KB)

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Instructions

This document outlines the changes Lead GITs should make to individual Management Strategies based on a GIT or Workgroup's experience filling out the [Logic Table](#) and moving through the [Decision Framework](#). You should use the documents you completed in preparation for your Quarterly Progress Meeting to update your Management Strategy, and your Management Strategy, Two-Year Work Plan and Logic Table should be consistent with one another. In other words, each section of your revised Management Strategy should reflect or discuss what you learned while preparing for your Quarterly Progress Meeting, and include a description of your plans for the future.

Be sure to update the version number on your Management Strategy. Use decimal places (e.g., 1.1, 1.2) to reflect updates under the same outcome. If the PSC or EC approves changes to your outcome, use the subsequent number (e.g., 2.0, 2.1).

Recommended Changes to the Management Strategy

I. Introduction

Is new information available that describes the importance of the outcome or its connection to and impact on other outcomes? Describe these new understandings here will document and support the

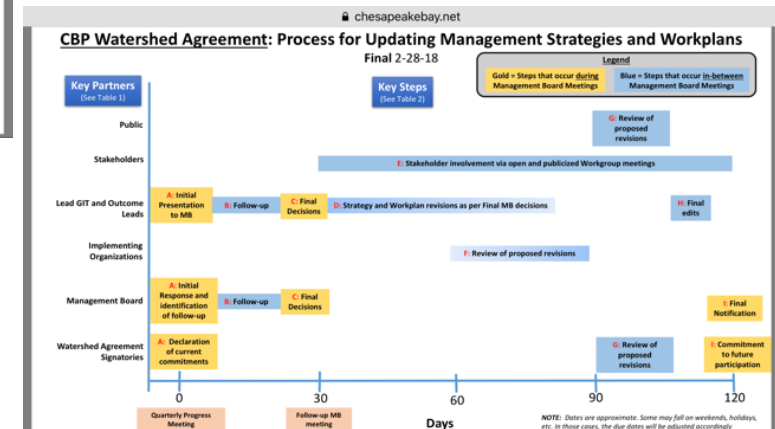
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Table 2: Key Steps

NOTE 1: Dates are approximate. Some may fall on weekends, holidays, etc. In those cases, the due dates will be adjusted accordingly.

NOTE 2: Lead(s) may request additional time from the Management Board for implementing any step if necessary.

Step	Who	What	When (see Notes above)
A:	Lead GIT and Outcome Leads	Present lessons learned and recommended actions to MB as per Strategy Review System process.	Quarterly Progress Review Meeting: Day 0
	Management Board (MB)	Initial response to presented recommendations and identification of follow-up action items.	
	Watershed Agreement Signatories	Reminder of current commitment to Outcome, and declaration of intent to participate in Strategy and Workplan revisions over next 120 days.	
B:	Lead GIT and Outcome Leads	Act on follow-up items identified in Quarterly Progress Review meeting.	Day 1 – Day 29
	Management Board	Act on follow-up items identified in Quarterly Progress Review meeting.	
C:	Lead GIT and Outcome Leads	Final decisions on recommendations made at Quarterly Progress Review meeting.	Follow-up MB Meeting: Day 30
	Management Board	Final decisions on recommendations made at Quarterly Progress Review meeting.	
D:	Lead GIT and Outcome Leads	Revise Strategy and Workplan as per final MB decisions in close coordination with Implementing Organizations.	Day 31 – Day 80
E:	Stakeholders	Participate in Strategy and Workplan revisions through public Workgroup process. (Stakeholders notified of intent to revise and invited to participate by GIT on Day 31).	Day 31 – Day 119
F:	Implementing Organizations	On-going review of draft revisions to Strategy and Workplan in close coordination with Lead GIT and Outcome Leads.	Day 60 – Day 89
G:	Public	Review and solicitation of comments on final draft of revised Strategy and Workplan. (Public notified of opportunity to review final draft via CBP website, social media, and outreach through CAC).	Day 90 – Day 109
	Watershed Agreement Signatories	Review of final draft of revised Strategy and Workplan.	
H:	Lead GIT and Outcome Leads	Final edits to revised Strategy and Workplan as per Lead GIT, Implementing Organizations, MB, Public, and Watershed Agreement Signatories' comments.	Day 110 – Day 119
	Management Board	Receives final notification of Workplan revisions.	
I:	Watershed Agreement Signatories	Final declaration of commitment to participate in revised Outcome Strategy and Workplan.	MB Meeting: Day 120
	CBPO Web Team	Post revised Strategy and Workplan on ChesapeakeProgress.	Day 121



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Quarterly Progress Meeting - August 2017

Name of Your Outcome

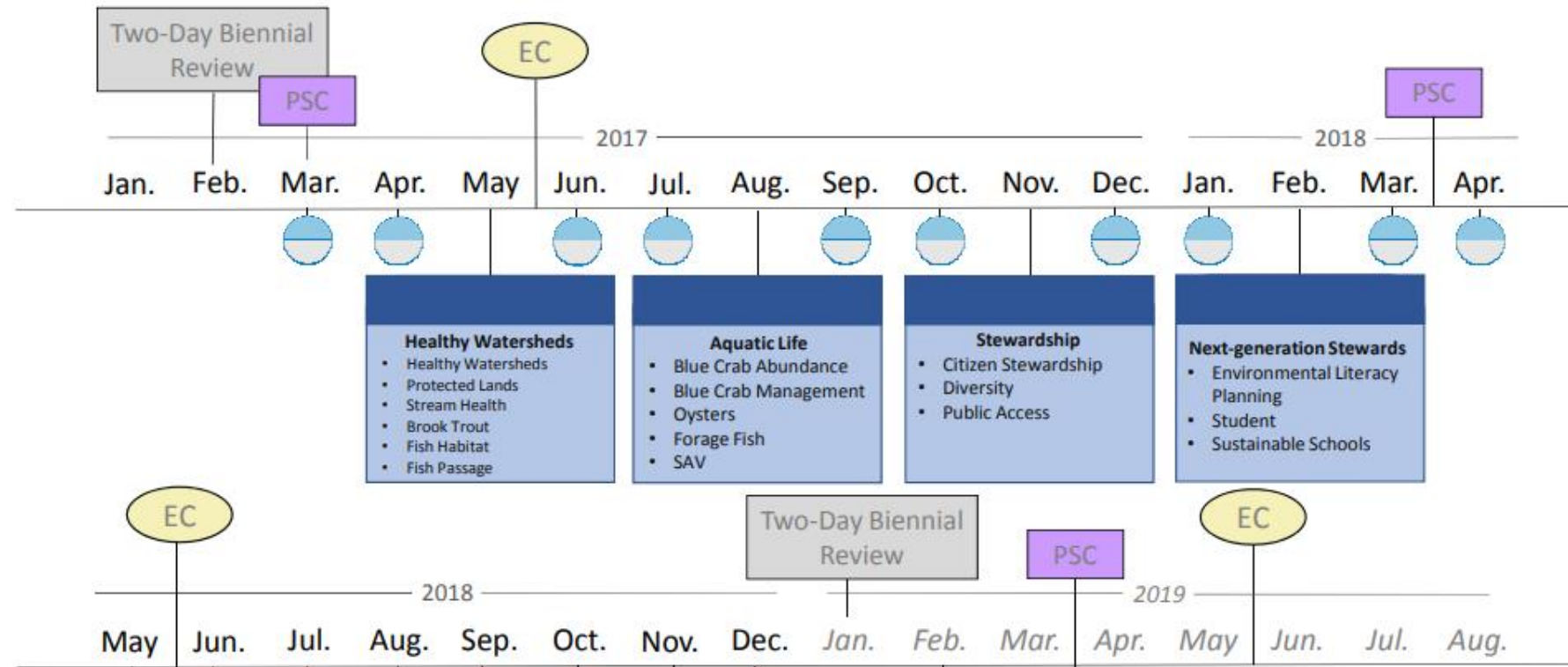
Presenter's Name, Organization and Role in Relation to the Outcome

Logic Table Elements

- **Factor:** What is impacting our ability to achieve our outcome, and can we manage it?
- **Current Efforts:** What current efforts are addressing this factor?
- **Gap:** What further efforts or information are needed to fully address this factor?
- **Action:** What actions are essential to fill gaps in current efforts?
- **Metrics:** Do we have a measure of progress? How do we know if we have achieved the intended result?
- **Expected Response and Application:** What effects do we expect to see as a result of this action, when, and what is the anticipated application of these changes?
- **Learn/Adapt:** What did we learn from taking this action? How will this lesson impact our work?

Factor	Current Efforts	Gap	Actions	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>Do we have a measure of progress? How do we know if we have achieved the intended result?</i>	<i>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>What did we learn from taking this action? How will this lesson impact our work?</i>
Decision-maker awareness of brook trout issues	Fact sheet development	Communication strategy	Several	-outreach strategy -white paper -database of communication products	Improved understanding → better land use decisions and reduction in stressors	Awareness impacts land use decisions, but stressor impact is more delayed.
Scientific and Technical Understanding: Ecosystem Services	MdDNR evaluating economic value of SAV beds	Application of science to decisionmaking	Work with local, state and federal to consider habitat benefits and ecosystem services of SAV	Summary report	State programs protecting SAV and encouraging stewardship	SAV value per acre is variable depending on factors included in assessment.

2. Create Collaborative Cohorts



Healthy Watersheds

- Healthy Watersheds
- Protected Lands
- Stream Health
- Brook Trout
- Fish Habitat
- Fish Passage

Aquatic Life

- Blue Crab Abundance
- Blue Crab Management
- Oysters
- Forage Fish
- SAV

Stewardship

- Citizen Stewardship
- Diversity
- Public Access

Next-generation Stewards

- Environmental Literacy Planning
- Student
- Sustainable Schools

2018

May (EC) Jun. Jul. Aug. Sep. Oct. Nov. Dec. (Two-Day Biennial Review)

2019

Jan. Feb. Mar. (PSC) Apr. May (EC) Jun. Jul. Aug.

Water Quality

- Toxic Cont. Research
- Toxic Cont. Policy & Prev.
- 2017 and 2025 WIPs
- Water Quality Standards Attainment and Monitoring
- Forest Buffers

Climate Change & Resiliency

- Wetlands
- Black Duck
- Climate Adaptation
- Climate Monitoring and Assessment

Local Action

- Tree Canopy
- Local Leadership
- Land Use Methods and Metrics Development
- Land Use Options Evaluation

Healthy Watersheds

- Healthy Watersheds
- Protected Lands
- Stream Health
- Brook Trout
- Fish Habitat
- Fish Passage

- Quarterly Progress Meeting Groups**
1. Healthy Watersheds (GITs 1, 2, 4, 5)
 2. Aquatic Life (GITs 1, 2)
 3. Stewardship (GIT 5, Diversity Workgroup)
 4. Next-generation Stewardship (GIT5)
 5. Water Quality (GIT3)
 6. Climate Change & Resiliency (GIT2, Climate Resiliency Workgroup)
 7. Local Action (GITs 3, 4, 6)





What are the challenges?

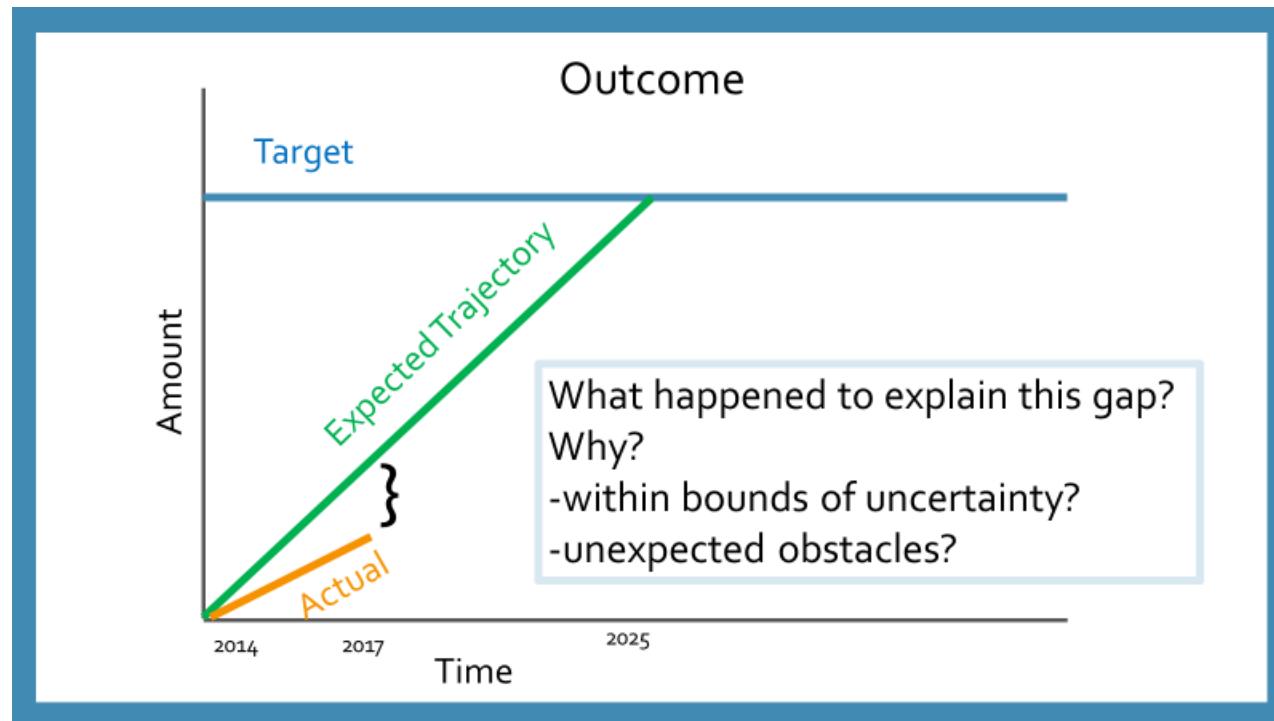
Obstacles to the Strategy Review System

1. Many partners means
broader applicability.



2. Everyone is in a
different place.

3. Be articulate about
uncertainty.



4. Transparency requires documentation.



Through the Chesapeake Bay Watershed Agreement, the Chesapeake Bay Program has committed to...



Climate Resiliency Outcomes
Management Strategy
2015–2025, v.1



I. Introduction

All aspects of life in the Chesapeake Bay watershed—from living resources to public health, from habitat to infrastructure—are at risk from the effects of a changing climate. As one of the most vulnerable regions in the nation, the Chesapeake Bay is expected to experience major shifts in environmental conditions. Warming temperatures, rising sea levels and more extreme weather events have already been observed in the region, along with coastal flooding, eroding shorelines and changes in the abundance and migration patterns of wildlife. The stakeholders of the Chesapeake Bay watershed are large and diverse and are a critical component of any work to evaluate current and possible future conditions of the watershed. It is important that the work of the Climate Change Work Group embrace the diversity of these stakeholders, which includes decision makers, and utilizes the best available science while being responsive to their needs as they deliberate and make choices about implementation of the management strategy.

Goal:

Increase the resiliency of the Chesapeake Bay watershed, including its living resources, habitats, public infrastructure and communities, to withstand adverse impacts from changing environmental and climate conditions.

Monitoring & Assessment Outcome:

Continually monitor and assess the trends and likely impacts of changing climatic and sea level conditions on the Chesapeake Bay ecosystem, including the effectiveness of restoration and protection policies, programs and projects.

Adaptation Outcome:

Continually pursue, design and construct restoration and protection projects to enhance the resiliency of Bay and aquatic ecosystems from the impacts of coastal erosion, coastal flooding, more intense and more frequent storms and sea level rise.