



CBP Management Board Strategy Review System (SRS) Quarterly Progress Meeting: *Land Use Methods and Metrics*

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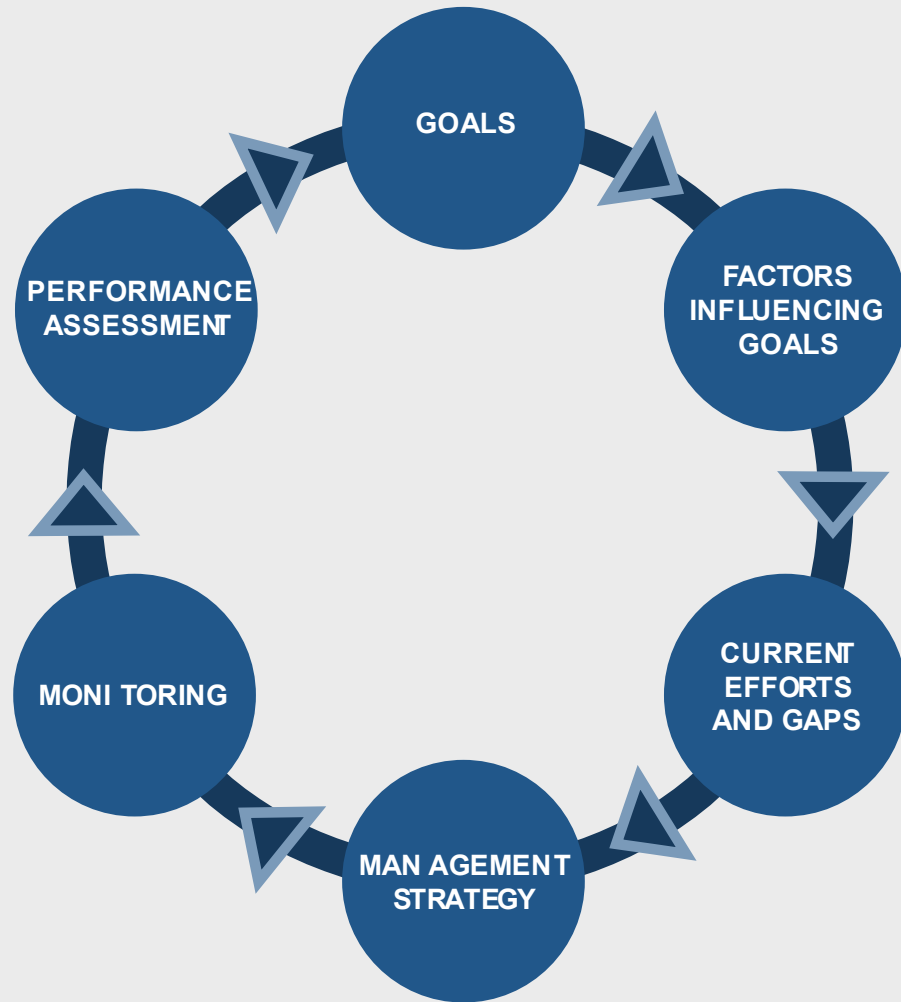
Land Use Methods and Metrics Outcome:

Continually improve the knowledge of land conversion and the associated impacts throughout the watershed.

- By 2016, develop a Chesapeake Bay watershed-wide methodology and local level metrics for characterizing the rate of farmland, forest and wetland conversion,
 - measuring the extent and rate of change in impervious surface coverage and
 - quantifying the potential impacts of land conversion to water quality, healthy watersheds and communities.
- Launch a public awareness campaign to share this information with citizens, local governments, elected officials and stakeholders.
- https://www.chesapeakebay.net/managementstrategies/strategy/land_use_methods_and_metrics_development

Each Quarterly Progress Meeting is meant to improve our success in meeting the *Watershed Agreement* through:

- The review of our progress toward individual Outcomes,
- The application of new opportunities and understandings as identified during the most recent Biennial Review Meeting and elsewhere, and
- The resulting implementation of any necessary adaptations to current or next-round Management Strategies and/or Two-Year Work Plans.
- The discussions and decisions that occur at a Quarterly Progress Meeting and its subsequent Management Board meeting will inform how a Goal Implementation Team will draft a new Two-Year Work Plan and/or Management Strategy, due 90 days after the aforementioned Management Board meeting. As a result, Outcomes will no longer be on the same two-year revision cycle. Instead, each Outcome will be on its own two-year revision cycle, which will begin and end once an updated Work Plan is adopted (which will generally occur 120 days after its Quarterly Progress Meeting).



Adaptive Management

Each GIT will evaluate and describe its work using the Bay Program's adaptive management decision framework:

- **Articulate program goals:** Identify the goals the GIT is working towards.
- **Describe factors influencing goal attainment:** Identify and prioritize all factors that influence progress toward a goal. This step can help identify areas for collaboration across GITs.
- **Assess current management efforts (and gaps):** Identify gaps and overlaps in the existing management programs that address the important factors affecting goal attainment.
- **Develop management strategy:** Stakeholders coordinate and implement planning.
- **Develop monitoring program.**
- **Assess performance:** Criteria for success and failure of management efforts should be known when the strategy is developed and the monitoring program is designed. This is the analysis that informs program adaptation and next steps.
- **Manage adaptively:** Based on the monitoring assessment, system models are amended and monitoring strategies are revised to improve program performance.

Factors & Gaps



Approaches & Actions



Diagnostics & Expectations



Lessons Learned



Adaptations Made

Outcomes should be dependent on **factors** that have been identified in the watershed's natural and human systems.

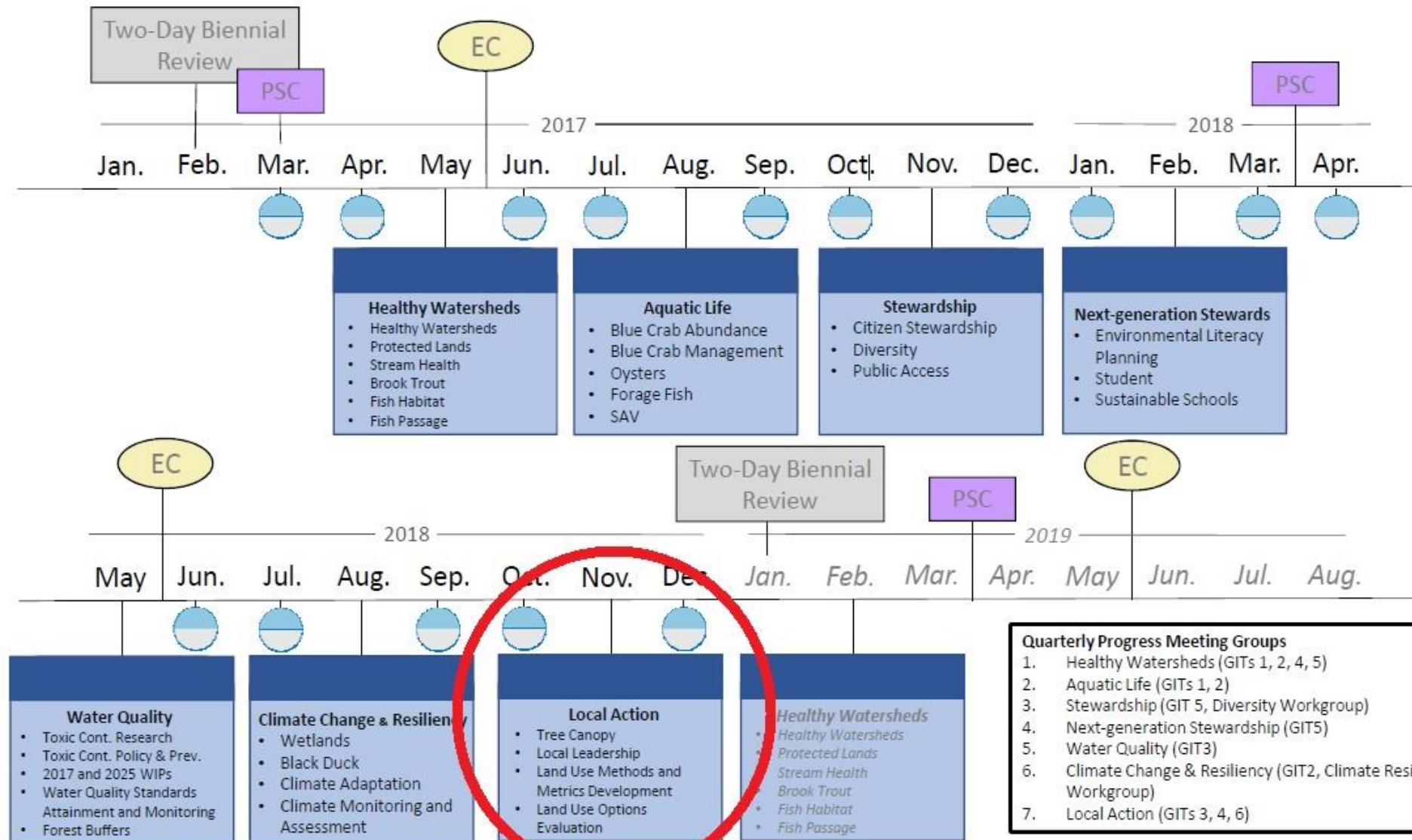
Work plans should be comprised of **actions** for which the Chesapeake Bay Program is uniquely situated to provide some service or benefit.

Actions should be tracked to provide **diagnostic information**: Have we taken an action? Has this action had the intended effect? This enables us to adaptively manage.

Actions should also be linked to **expectations** that describe how these actions will help achieve an Outcome (i.e., the timing and magnitude of change we expect to see in response).

Taking these steps will allow us to **learn** where our understanding is correct and identify any need to **adapt**.

SRS Review Timeline



Save the Date!

Management Board Meeting

November 15th, 2018

10:00 am

Fish Shack

Quarterly Progress Schedule



Oct. 4, 2018	Lead GITs meet with SRS Planning Team to address issues/questions as they prepare materials
Oct. 18, 2018	Lead GITs submit draft materials to GIT 6
Oct. 25, 2018	Lead GITs present “dry runs” to STAR and SRS Planning Team for feedback and comment
Oct. 26, 2018	Lead GITs submit final materials to GIT 6
Oct. 29, 2018	Materials sent to Management Board members
Nov. 15, 2018	Quarterly Progress Review Meeting
Nov. 20, 2018	Lead GITs and SRS Planning Team meet for follow up
Nov. 28, 2018	Materials sent to Management Board members
Dec. 6, 2018	Follow-up Management Board meeting
Mar. 6, 2019	Next Logic Table Workplan and Management Strategy due

Key Components

- Before: Complete 3 documents
 - Questionnaire
 - Logic Table
 - Presentation
- After: Complete two-year Logic Table Workplan
 - Management Strategy Version 2

Questionnaire

- This is a guide to your quarterly progress meeting
- Summarize your Outcome
 - Outcome language, GITs, partners, progress
- Narrative
 - factors, management approaches, are you on track, critical actions, lessons learned, how should we adapt
- Appendices
 - A: Adaptive Management Decision Framework Diagram
 - B: Guide to Influencing Factors
 - B1: Guiding Finance Questions
 - C: Quarterly Progress Meeting Schedule
 - D: Quarterly Progress Meeting Preparation and Follow-Up Timeline
 - E: Guidance on Updating Management Strategies and Two-Year Work Plans

SRS Presentation Outline

1. Setting the Stage

- Influencing factors, current efforts, gaps, management approaches

2. Progress

- Target, are you on track, analysis

3. Challenges

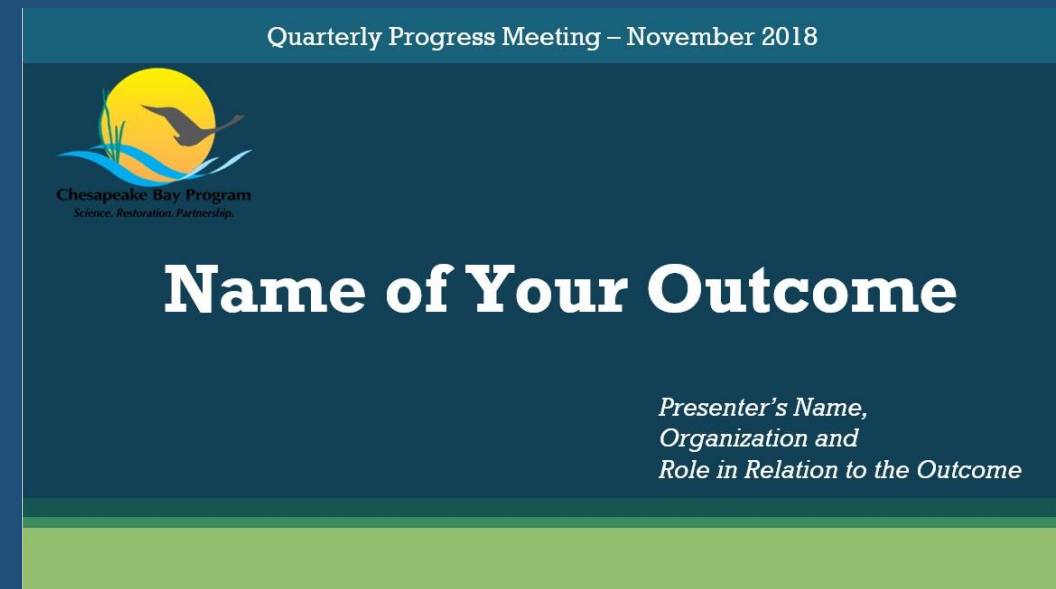
- Lessons learned

4. Adaptations

- Based on what we've learned we plan to...

5. *What We Want*

- How can the MB accelerate your progress



Logic Table

- This is
- Use existing [workplan](#) to complete Workplan Action table
- Color code (green, yellow, red) to indicate status of action
- Complete Logic Table
 - List significant Factors (consult STAC Factors)
 - Add Current Efforts to manage factors
 - Add Gaps to address factors
 - Add Actions to manage Factors (hyperlink actions to Workplan Action table)

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):

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
<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>
Factor	Current Efforts	Gap	Actions (critical in bold)	Metrics	Expected Response and Application	Learn/Adapt
<i>Example:</i> Partner Coordination: Development of shared	4.4 (Example purposes only)	Lack of common watershed	2.1			
<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>
monitoring protocols and technical guidelines		and restoration guidelines				
Scientific and Technical Understanding of Credit-oriented Protocols: BMP implementation effect on potential lift and/or improvement in stream function	Various groups are implementing BMPs in streams. See Management Strategy for details.	Robust stream restoration monitoring	1.4			

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:					
1.1					
1.2					
Management Approach 2:					

Next Steps:

- Peter, Renee and Allie (with support of Katherine as needed) will begin drafting the questionnaire responses, and SRS presentation
- Determine how best to coordinate with the [Land Use Options Evaluation](#) outcome review.
- [Draft Materials sent to LUWG and Healthy Watersheds GIT membership for review and input \(October 1, 2018\)](#)
- Peter, Renee and Allie (and LUWG/HWGIT leaders) meet with SRS planning team to address issues, questions and challenges (1st week October)
- STAR Dry run October 25th (presentation)
- Meeting materials due to MB (October 26th)

Additional Resources:

- [Land Use Methods and Metrics Management Strategy](#)
- [Land Use Methods and Metrics Workplan](#)
- [Quarterly Progress Meeting Guide](#)
- [Quarterly Progress Meeting Presentation Template](#)
- [Quarterly Progress Meeting Logic Table and Work Plan](#)

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