

Status and Trends Workplan

Updated: February 2022

Workgroup Mission

- A. Ensure the integrity of the Indicators Framework by focusing the development and use of information in the CBP with the principles described in the Framework.
- B. Foster cross-outcome collaboration among the Goal Implementation Teams (GITs) on identified information needed to track progress toward and adaptively manage achievement of goals and outcomes.
- C. Staff the indicators management process.

Key Actions

**Note: Items with an asterisk indicate that taking the action is contingent upon group discussion and consensus that determines the action would be helpful or necessary.*

To the extent possible, meeting agendas will be organized around specific issues or stories and designed to foster cross-outcome collaboration.

Priorities of Workgroup, in order agreed upon by STAR in February, 2021:

1. Indicator Development: Streamlining the process through information sharing
2. Updating Indicators to Chesapeake Progress
3. Factor Influencing Indicators
4. Involvement in SRS and SSRF process as liaisons

Action Number	Action	Priority Item	Mission Area	Lead	Status	Timeframe for Completion
1	Increase accessibility of materials to support GITs in developing/maintaining indicators, including documents pertaining to guiding questions for developing indicators and the indicators framework	1	A	Katheryn Barnhart, Alex Gunnerson, Caroline Donovan		Ongoing
2	Share and collaborate on plans related to development of any revised/new indicators, including ...	1	C	GIT coordinators and staffers		
	<ul style="list-style-type: none"> • Climate Resiliency Monitoring and Assessment 			Julie Reichert-Nguyen	<i>Support request to MB. Tidal Bay Water Temperature Indicator proposed</i>	March 2022 (Water temp ind)
	<ul style="list-style-type: none"> • Climate Adaptation 			Julie Reichert-Nguyen		TBD
	<ul style="list-style-type: none"> • Local Leadership 			Laura Cattell Noll	<i>IDP submitted for initial survey</i>	TBD

	<ul style="list-style-type: none"> Stream Health 			Chris Guy and Katlyn Fuentes	<i>Indicator developed; work to refine</i>	April 2022
	<ul style="list-style-type: none"> Tree Canopy 			Julie Mawhorter	<i>Indicator developed</i>	(completed)
	<ul style="list-style-type: none"> Brook Trout 			Chris Guy and Katlyn Fuentes	<i>Pending life science analyst</i>	TBD
	<ul style="list-style-type: none"> Black Duck (Habitat-based indicator) and Wetlands 			Chris Guy and Megan Ossman	<i>Pending life science analyst</i>	TBD
	<ul style="list-style-type: none"> Wetlands 			Chris Guy and Megan Ossman	<i>Pending life science analyst</i>	TBD
	<ul style="list-style-type: none"> Water Quality Standards Attainment (addition to current indicator) 			Peter Tango and Qian Zhang, Breck Sullivan		Late 2022
	<ul style="list-style-type: none"> Healthy Watersheds 			Renee Thompson	<i>Drafted the Chesapeake Healthy Watersheds Assessment. While this tool is still undergoing some revision, the Goal Team also intends to develop interim indicator metrics as a step towards communicating outcome progress</i>	2022
	<ul style="list-style-type: none"> Forage Fish 			Bruce Vogt and Justin Shapiro	<i>In progress – suite of five indicators</i>	Some available in 2022, others will take longer
	<ul style="list-style-type: none"> Fish Habitat 			Gina Hunt and Justin Shapiro	<i>developing a suite of indicators that evaluate habitat condition and living resource responses.</i>	TBD
	<ul style="list-style-type: none"> Toxic Contaminants Research 			Greg Allen and Hilary Swartwood	<i>Conversations in progress for baseline</i>	2022
	<ul style="list-style-type: none"> Land Use Options Evaluation 			Renee Thompson		TBD
	<ul style="list-style-type: none"> Land Use Methods and Metrics 			Peter Claggett		End of 2021
	<ul style="list-style-type: none"> Periodic evaluation of GIS needs related to indicators or envisioning status or trends of indicators 			Angie Wei		Ongoing
	<ul style="list-style-type: none"> Explore use of tidal water quality trends as performance 			Breck Sullivan		TBD

	indicator or influencing factor indicator					
	<ul style="list-style-type: none"> (other indicators to be added as needs are identified). 			-----		
3	Develop list of possible indicators for outcomes with qualitative language	1	C	Katheryn Barnhart and Peter Tango		November 2021
4	Relate current outcome indicators as influencing factors for one another. Joint effort with ITAT	3	A,B	Katheryn Barnhart, Vanessa Van Note, and Breck Sullivan		March 2022
5	Formulate Prioritized List of Needed Indicators of Factors Influencing Our Work	3	A,B	Katheryn Barnhart and Peter Tango	<i>Tabled pending outcome of 4</i>	
	<p>Develop prioritization plan or criteria to be applied to a to-be-created list of factors influencing indicator needs.</p> <ul style="list-style-type: none"> Use guiding questions developed under action 1 of this work plan. <p>Criteria to consider include (a) whether data gathering is possible and (b) whether it would support adaptive management</p>					
	Compare "critical" factors among themselves and to "common" factors - what are the overlaps?					
	<p>Based on these overlaps, work with</p> <ul style="list-style-type: none"> GITs and STAR to identify needed factors influencing indicators GIS team to identify available data for threat or stressor factors 					
	Update and refine prioritized list of current and needed factors influencing indicators					
6	Use identified Influencing Indicators to highlight needed information to groups within CBP, e.g. STAR and STAC	3	B			TBD
7	Work with GITs, ChesapeakeStat Team and Communications Team to ensure progress is being tracked toward	4	C			Ongoing

	non-measurable parts of outcomes through the biennial Strategy Review System process.					
8	Development of Indicator Update SOPs for Indicator pocs	2	C	Katheryn Barnhart and Caroline Donovan	<i>Baseline established. Draft developed and will be sent to indicator POCs to fill out</i>	February 2022
9	Encourage use of indicators in adaptive management through biennial review process	1-4		Kristin Saunders	<i>Presentation on Indicators to MB at May 2021 Meeting</i>	Ongoing
	Work with GITs to identify common factors and relationships among outcomes to showcase or examine in biennial reviews		B			
	<ul style="list-style-type: none"> Explore whether Status & Trends has the expertise to help workgroups and GITs determine appropriate trajectories, confidence intervals and decision thresholds, based on their existing indicators and targets 		B			
	<ul style="list-style-type: none"> Work with STAR to determine how the partnership can address this adaptive management need 			Peter Tango and Breck Sullivan		
	<ul style="list-style-type: none"> Encourage use of the Indicators Framework to identify other information needs 		B	Katheryn Barnhart		
	<ul style="list-style-type: none"> Work with information needs identified in biennial review process to determine if indicator is needed and, if so, guide GIT through indicator development process 		All	Katheryn Barnhart		
	<ul style="list-style-type: none"> Frame biennial review process as an opportunity to gauge Outputs (workplan activities) and their relationship to achievement of the overall Outcome. 		A	Kristin Saunders		
10	Assist the Partnership's Communication office in preparing to publish the Bay Barometer		C	Rachel Felver		Ongoing

11	Develop new trend icons for outcomes on Chesapeake Progress that better communicate outcome status and attainability		All	Kaitlyn May and Katheryn Barnhart		November 2021
12	Support STAR Science Needs discussions, taking note of science needs pertaining to indicators	4	C	Katheryn Barnhart and Caroline Donovan		Ongoing
13	Support STAR leadership and outcome representatives to keep the status of the indicator science needs up-to-date.	4	C	Katheryn Barnhart		Ongoing