Analysis of Status Trends Workgroup:
Information Needs for Parts of Outcomes with No Current Indicators

No.	Goal	Outcome	Part	Piece of Information	Status	Next Step
1	Sustainable Fisheries	Oyster	"Restore native oyster habitat and populations in 10 tributaries by 2025 and ensure their protection."	· Acres of reefs (number or percent) · Percentage of restorable bottom · Meeting oyster metrics of success	Currently gathering Long-term metric Long-term metric	
2	Sustainable Fisheries	Forage Fish	"Continually improve the Partnership's capacity to understand the role of forage fish populations in the Chesapeake Bay."	· More research funding/networks (i.e. unstudied forage fish) · Diversity of forage species · Abundance of forage species · Need to determine/measure effect forage have on other fish · Food web dynamics · (predators) · Forage habitat	Research project completed; additional research underway Research project completed; additional research underway	
3	Vital Habitats	Wetlands	" … and enhance the function of additional 150,00 acres of degraded wetlands by 2025."	· Define functions · ID "functions" of wetlands you want to enhance; measure it (functional assessment) · ID acres of degraded · Wetland acreage · Percent reduction of invasives	Defined in BMP Expert Panel Report (expected release in mid-September) Included in cross-GIT mapping project? NOAA C-CAP Tidal Wetland Indicator; 1-meter resolution land cover data likely to be insufficient Classified under "rehabilitation," but not stated as a desired measure	Wait for BMP expert panel report (September); waiting to confirm C-CAP update
4	Vital Habitats	Stream Health	"Improve health and function of ten percent of stream miles above the 2008 baseline for the Chesapeake Bay watershed."	· Assess indicators that can contribute to steam health · Miles of healthy streams (stream health index)	Reassessing baseline	Talk with Mike Mallonee re: Stream Health TAG Wait for baseline reassessment
5	Vital Habitats	Brook Trout	"Restore and sustain naturally reproducing brook trout populations in Chesapeake headwater streams with an eight percent increase in occupied habitat by 2025."	· Area of occupied habitat	Tt offered option; BTAT to evaluate in Fall 2016	Work with BTAT after decision in Fall 2016. Coordinate among BTAT and IMNWG. ~~Can a citizen learn electrofishing?~~
6	Vital Habitats	Forest Buffer	" … and conserve existing [riparian forest] buffers …"	· Acreage of forest buffers · Diversity of forest buffers	1 meter resolution could help calculate existing	Talk with Sally re: needs and 1 m resolution data
7	Vital Habitats	Forest Buffer	" … until at least 70 percent of riparian areas throughout the watershed are forested."	· Acreage of forest buffers · Density of forest buffers	[Need to define existing buffers before can measure 70%]	
8	Vital Habitats	Tree Canopy	"Expand urban tree canopy by 2,400 acres by 2025."	· Acres of urban tree cover	1 meter resolution could help calculate existing	Talk with Julie re: needs and 1 m resolution data
9	Toxic Contaminants	Toxic Contaminants Policy and Prevention	"Continually improve practices and controls that reduce and prevent the effects of toxic contaminants below levels that harm aquatic systems and humans."	Impairments - tidal and nontidal?		
10	Toxic Contaminants	Toxic Contaminants Policy and Prevention	"Build on existing programs to reduce the amount and effects of PCBs in the Bay and Watershed."	PCBs in fish tissue?		
11	Healthy Watersheds	Healthy Watersheds	"100 percent of state-identified currently healthy waters and watersheds remain healthy."			Waiting to hear from Healthy Watersheds GIT Chair/Coordinator re: thoughts on indicator
12	Stewardship	Citizen Stewardship	"Increase the number and diversity of trained and mobilized citizen volunteers with the knowledge and skills needed to enhance the health of their local watersheds."	· Further definition of knowledge, skills, trained, mobilized, diversity	To discuss at next Stewardship indicator meeting	To discuss at next Stewardship indicator meeting
13	Stewardship	Local Leadership	"Continually increase the knowledge and capacity of local officials on issues related to water resources and in the implementation of economic and policy incentives that will support local conservation actions."	· Identify gaps in knowledge and capacity	GIT 6 funding request for 2016 GIT funding	Support project
14	Stewardship	Diversity	"Identify minority stakeholder groups that are not currently represented in the leadership, decision-making and implementation of conservation and restoration activities …"	· Establish baseline outside of CBP	Will follow establishment of baseline within CBP (on the radar of the Diversity workgroup)	
15	Stewardship	Diversity	" … and create meaningful opportunities and programs to recruit and engage them in the Partnership's efforts."	· Baseline of how many minority stakeholders engaged in our work.	Metric of diversity among CBP leadership	Support development of a diversity indicator

Notes:
Status and Next Step added by Indicators Coordinator
Includes Outcomes with indicators in development

16	Environmental Literacy	Student	"Continually increase students' age-appropriate understanding of the watershed through participation in teacher-supported, meaningful watershed educational experiences and rigorous, inquiry-based instruction, with a target of at least one meaningful watershed educational experience in elementary, middle and high school depending on available resources."	· Track # MWEEs per student	In progress	Support E-Lit indicators through final development and approval process
17	Environmental Literacy	Sustainable Schools	"Continually increase the number of schools in the region that reduce the impact of their buildings and grounds on their local watershed, environment and human health through best practices, including student-led protection and restoration projects."	· Number of schools programs already putting practices in place to reduce impact (ex. # of green schools)	In progress	Support E-Lit indicators through final development and approval process
18	Environmental Literacy	Environmental Literacy Planning Outcome	"Each participating Bay jurisdiction should develop a comprehensive and systematic approach to environmental literacy for all students in the region that includes policies, practices and voluntary metrics that support the environmental literacy Goals and Outcomes of this Agreement."	· # of students reached · % of students reached in each jurisdiction · Baseline of existing curriculum	Have data on opportunity/availability but not actual students reached Have data on opportunity/availability but not actual students reached [does E Lit group have a definition of what they consider a comprehensive and systematic appropach?]	
19	Climate Resiliency	Monitoring and Assessment	"Continually monitor and assess the trends and likely impacts of changing climatic and sea level conditions on the Chesapeake Bay ecosystem"	· Trends: temperature, salinity, sea level rise · Impacts: all or id subset of priority habitats, other outcomes?	2016 GIT funding project	Support project; can Status and Trends help with SOW?

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