

Decision Framework Implementation Workgroup (DFIW) characterization of Goal Implementation Teams (GIT) remaining preliminary goal statements (goals that do not yet have Decision Framework documentation)

Assessment of GIT's ability to complete, by Dec 2012, documentation of a first pass through the decision framework for their remaining preliminary goal statements

GIT	Preliminary Goal Statement ¹	G(goal) M(mission) O(other)	Specific	Measurable	Attainable	Realistic	Time-bound	1st pass by 12/31/12
Fisheries	Overarching: Improve interjurisdictional management of fisheries resources that move across political and administrative jurisdictions.	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Fisheries	Overarching: Improve the connection between science and management to ensure decision making leads to productive and sustainable fisheries.	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Fisheries	Overarching: Promote coalition building, information sharing, and appropriate coordination of management decisions that can feed into broader fisheries commissions and councils (e.g., Atlantic States Marine Fisheries Commission and the Mid Atlantic Fishery Management Council).	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Fisheries	Workgroup Goal, Blue Crab: Maintain sustainable blue crab interim rebuilding target of 200 million adults (1+ years old) in 2011 and develop a new population target for 2012 through 2025.	G	Y	Y	TBD	Y	Y	doable
Fisheries	Workgroup Goal, Oysters: Restore native oyster habitat and populations in 20 tributaries out of 35 to 40 candidate tributaries by 2025.	N/A	N/A	N/A	N/A	N/A	N/A	complete
Fisheries	Workgroup Goal, Invasive Catfish: Reduce the spread of invasive catfish and mitigate their negative impacts on native species.	G	N	N	TBD	TBD	N	may take more time
Habitat	Restore a network of land and water habitats to support priority species and to afford other public benefits	M	N	Y	possibly	TBD	Y	may take more time
Habitat	Wetlands: Restore 30,000 and enhance 150,000 acres of tidal and non-tidal wetlands by 2025 (restore 4,000 and enhance 20,000 acres every 2 years)	G	Y	Y	Y	Y	Y	Y
Habitat	• Black Duck – wintering population of 100,000 birds by 2025 (“wetland habitat adequate to support”)	G	Y	Y	Y	Y	Y	Y
Habitat	Fish passage: Open 1,000 additional steam miles for fish passage by 2025 (64 mi/yr)	G	Y	Y	TBD	TBD	Y	Y
Habitat	• American shad, river herring, eel – Monitor populations at 50% of new projects	G	Y	Y	TBD	TBD	Y	Y
Habitat	Stream Health: Provide expert guidance on stream restoration techniques, funding, and priority restoration projects that benefit water quality and aquatic habitat	G	Y	TBD	TBD	TBD	Y	Y
Habitat	• Brook Trout – Improve 58 sub-watersheds by 2025 (Work with STAR taskgroup to translate outcome to “catchments” and “patches” to better target restoration)	G	Y	TBD	TBD	TBD	Y	Y
Habitat	Submerged Aquatic Vegetation: Coverage of 185,000 acres for restored Bay	G	Y	Y	TBD	TBD	Y	Y
Habitat	• Meet water clarity criteria in areas and at depths designated for SAV use	G	Y	Y	TBD	TBD	Y	Y
Habitat	• Plant or seed 20 acres of SAV each year to enhance understanding of site selection, recruitment, and habitat suitability	G	Y	Y	TBD	TBD	Y	Y

GIT	Preliminary Goal Statement ¹	G(goal) M(mission) O(other)	Specific	Measurable	Attainable	Realistic	Time-bound	1st pass by 12/31/12
Water Qual	Have all practices in place by 2025 that are necessary to reduce nitrogen, phosphorus, and sediment to levels that will contribute to meeting water quality standards in the tidal waters of the Chesapeake Bay for DO, SAV/clarity, and chlorophyll-a.	G	Y	Y	Y	Y	Y	Possible
Water Qual	Practices will be in place by 2017 that would achieve 60% of the necessary pollutant reductions compared to 2009.	G	Y	Y	Y	Y	Y	Possible
Water Qual	Restoration of water quality is vital to achieving conditions that support living resources and protect human health.	O	N/A	N/A	N/A	N/A	N/A	N/A
Watersheds	Maintain local watersheds at optimal health across a range of landscape contexts	G	N	N	Y	Y	N	complete
Stewardship	Conserve landscapes and increase access to the Bay and rivers to allow all to enjoy the natural and cultural resources of the watershed. Increase the number of citizen stewards who support and carryout local conservation and restoration.							
Stewardship	Conserve Landscapes: Conserve landscapes treasured by citizens to maintain water quality and habitat; sustain working forests, farms and maritime communities; and conserve lands of cultural, indigenous and community value.							
Stewardship	Expand Public Access: Expand public access to the Bay and its tributaries through existing and new local, state and federal parks, refuges, reserves, trails and partner sites.							
Stewardship	Expand Chesapeake Conservation Corps: Expand Chesapeake Conservation Corps workforces.							
Stewardship	Ensure Environmentally Literate Students: Ensure that elementary and secondary students in the Mid-Atlantic Region graduate environmentally literate with the tools they need to make informed choices to protect and restore local environments and the Chesapeake Bay.							
Partnership	Continuously improve governance and management to ensure Program effectiveness, efficiency, accountability and partner participation	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Partnership	• Effectively implement adaptive management across the program	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Partnership	• Effective and efficient governance of the Program	N/A	N/A	N/A	N/A	N/A	N/A	N/A
STAR	STAR provides coordination among the modeling, monitoring, indicator, and information management activities needed by the GITs	N/A	N/A	N/A	N/A	N/A	N/A	N/A
STAR	STAR works with CBP science partners to synthesize information for cross-cutting CBP products	N/A	N/A	N/A	N/A	N/A	N/A	N/A
STAR	STAR Facilitates science partnerships to develop increased capacity to serve the priority science needs of the GITs	N/A	N/A	N/A	N/A	N/A	N/A	N/A

¹As articulated in 8/2/12 presentation to Management Board

Characterization of GITs remaining preliminary goal statements and an assessment of the GITs ability to complete documentation of a first pass through the DF for their remaining preliminary goal statements.

Attachment to the Compiled Response Document (GoalCharacterFirstPassAbility 090912.docx)

Fisheries GIT

- 1) The remaining goals (Blue Crabs and Invasive Catfish) are goal statements.
 - The blue crab goal statement is well thought out with specific, measurable outcomes and realistic outcomes. This is supported and complimented by Maryland and Virginia's well structured strategies to help increase the populations their respective jurisdictions. A lot of work has been done on blue crabs already that will help advance the DF process for this particular goal statement.
 - The Invasive Catfish, while a goal statement, needs additional work. Currently, there does not seem to be specific, measurable and time-bound outcomes. The GIT will need to take this particular strategy through the DF process to help shape its outcomes.
- 2) The GIT's ability to complete the blue crab DF by Dec 2012 is doable. I believe the invasive catfish DF process may take some more time, however they may be able to complete both by December. I am not sure the availability of the group.

This is my best assessment. I think that the Fisheries GIT is well on its way to complete these three goal statements via the DF in a timely manner.

Habitat GIT

Overall: Restore a network of land and water habitats to support priority species and to afford other public benefits, including water quality, recreational uses and scenic value across the watershed.

Four Workgroups:

1. **Fish Passage-** Open 1,000 additional stream miles for fish passage by 2025 (64 mi/yr) with restoration success indicated by the presence of river herring, American shad, Hickory shad, American eel—Monitor populations at 50% of new projects
 - Output/outcome goal—stream miles being the output and presence of key anadromous species being the outcome
 - S- 1,000 additional stream miles restored by dam removal/creating fish passage
 - M-stream miles and presence/absence of species
 - A-Dam Removal/creating fish passageway
 - R-Dam Removal/creating fish passageway
 - T-yes, by 2025
 - Decision Framework-on schedule for December 2012.

2. **Wetlands Action Team** – Restore 30,000 acres and enhance 150,000 acres of tidal and non-tidal wetlands by 2025 (restore 4,000 and enhance 20,000 acres every 2 years). Black Duck-wintering population of 100,000 birds by 2025

- Output/outcome goal—wetland acres being the output and an increase in Black Duck populations because of the increase in habitat being the outcome
- S-Specific number of acres to be restored and enhanced in order to support a specific number of wintering Black Ducks
- M-wetland acres and Black Duck population numbers
- A- awaiting results from energetics report to further evaluate outcome
- R- awaiting results from energetics report to further evaluate outcome
- T-yes, by 2025
- Decision Framework-on schedule for December 2012.

3. **Stream Health Workgroup**- Provide expert guidance on stream restoration techniques, funding, and priority restoration projects that benefit water quality and aquatic habitat. Brook Trout-Improve 58 sub-watersheds by 2025.

- Goal Statement with an outcome of recovering Brook Trout populations
- S- priority restoration projects that benefit water quality and aquatic habitat to support native Brook Trout populations
- M- working with STAR task group to translate 58 sub-watershed outcome to “catchments” and “patches” to better target restoration based on the most recent science
- A-to be assessed by STAR
- R-to be assessed by STAR
- T-yes, by 2025
- Decision Framework-on schedule for December 2012.

4. **SAV Workgroup**-Coverage of 185,000 acres for restored Bay. Meet water clarity criteria in areas and at depths designated for SAV use. Plant or seed 20 acres of SAV each year to enhance understanding of site selection, recruitment, and habitat suitability.

- Goal Statement with an outcome of successful SAV beds and water clarity
- S-continue research to determine understanding of site selection, recruitment, and habitat suitability by planting/seeding 20 acres of SAV each year and working towards meeting water clarity criteria.

- M-outcome total of 185,000 acres of SAV coverage
- A-revising from fall STAC report
- R-revising from fall STAC report
- T-yes, by 2025
- Decision Framework-on schedule for December 2012.

1. The Habitat GIT goals are actually goal statements defined as outputs related to outcomes. For example, the Fish Passage workgroup has the goal to open 1,000 additional stream miles for fish passage by 2025 with restoration success indicated by the presence of key species such as American shad. The output is the restoration and opening of stream miles and it is measured by the outcome of the presence of key species.

2. Each of the workgroups goal statements are "SMART" goals. Each have specific outputs that are measurable, usually by a land metric such as number of acres of wetlands, as well as a biological outcome such as number of Black Ducks. All goals are time-bound as they are set to be accomplished by 2025. It is still not determined if all goals are attainable and realistic because they are currently under review by STAR or being revised due to new science. The Stream Health Workgroup goals in relation to Brook Trout populations are being revised from a subwatershed approach to a patch-metric approach based on the latest science. This is where the Habitat GIT is turning to the Decision Framework to be able to define realistic goals with thought given to possible conflicts and obstacles that could affect if the goal is attainable and realistic.

3. The Habitat GIT is on schedule for being able to update decision frameworks by Dec 2012.

Water Quality GIT

- **Have all practices in place by 2025 that are necessary to reduce nitrogen, phosphorus, and sediment to levels that will contribute to meeting water quality standards in the tidal waters of the Chesapeake Bay for DO, SAV/clarity, and chlorophyll-a. This is a Goal - Specific, yes; Measurable, yes; Attainable, yes; Realistic, yes; Time bound, yes.**

• **Practices will be in place by 2017 that would achieve 60% of the necessary pollutant reductions compared to 2009. This is a Goal - Specific, yes; Measurable, yes; Attainable, yes; Realistic, yes; Time bound, yes.**

• **Restoration of water quality is vital to achieving conditions that support living resources and protect human health This is a statement of justification for a goal, not a goal per se.**

The ability of GIT 3 to complete a first pass to include the work of the stormwater, agriculture, wastewater, air and forest sectors is contingent on the staffers and coordinators of the workgroups and the sector experts supplying the needed information. I think it is still possible and I am currently working with Jeremy to develop a format that blends the unique sector-level factors with the workgroup function factors for the waste water DF.

Watershed GIT

1. Thus far, GIT4 has articulated one goal: "Maintain local watersheds at optimal health across a range of landscape contexts." In my own opinion, this is more like a goal statement than a mission statement. A corresponding GIT4 mission statement might be something like:

"Facilitate interagency collaboration, collective accountability and advocacy communications in support of the GIT4 goal" but the GIT has not troubled itself with developing a mission statement.

For this goal, we have this DF draft documentation (GIT 4 General DF Draft 1-4-12.docx)

2. In addition, to test drive the DF template at the project scale, for our strategic objective to developing a healthy watershed tracking capability for the CBP, we have this DF draft documentation (GIT4 Tracking Project DF 3-15-2012 Draft.docx)

In my opinion, the aspiration to develop a tracking capability is not a goal statement, it is a statement of an objective within the GIT's of strategy, which will contribute to the achievement of the goal.

3. The goal statement "Maintain local watersheds at optimal health across a range of landscape contexts" fails to meet three of five SMART principles for the articulation of program goals. It is non-specific, not yet proven to be measureable in a very meaningful way, although we are working on that, and not time-bound; but in my opinion, it is attainable and realistic.

4. With respect to DF documentation, I will be working with GIT4 Chair Mark Bryer and the GIT to prepare to feature strategic planning for 2013 in our December 2012 GIT4 agenda, at which time the draft GIT4 DF may be useful. If Mark and I agree to work on it prior to a December 2012 GIT4 meeting, we may be able to better focus the GIT's attention on our DF documentation and improve upon it in advance to serve our strategic planning and adaptive management purposes. The GIT may, at that time, choose to refine the goal statement in the direction of better conformity with the SMART principles, but I doubt that the GIT4 is going to make that work a priority ahead of GIT4 action on the tracking and communications elements that the GIT has identified in our strategy. However, once we have a more clear understanding of what is attainable in the way of establishing a workable tracking system, then we may be better prepared to articulate a goal in better conformity with the SMART principles.

Stewardship GIT