

Healthy Watersheds

One: One-hundred percent of state-identified healthy waters and watersheds remain healthy.

Term Target: all remain healthy in perpetuity

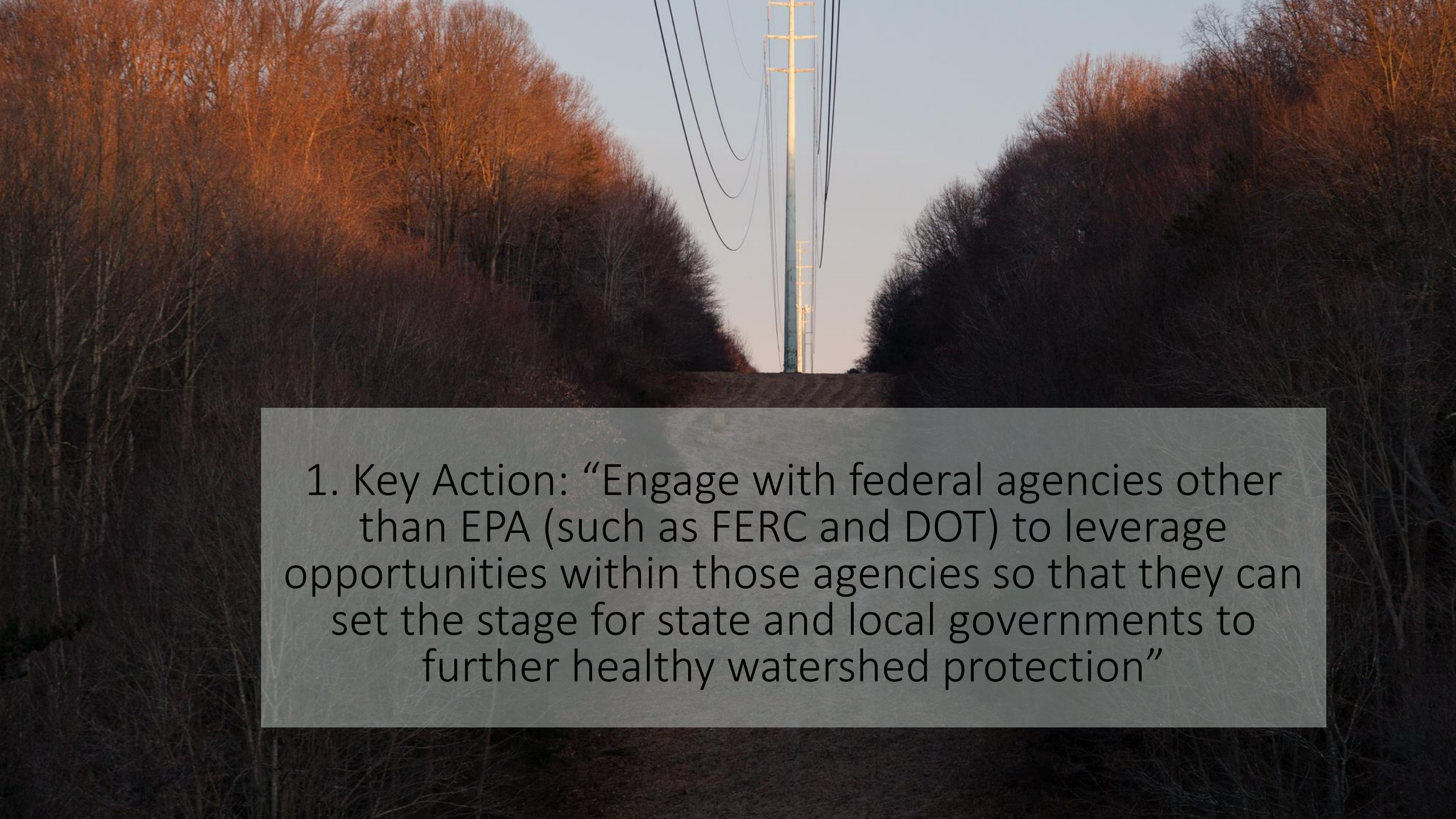
2 year Target: Not applicable to this outcome

Implementation Approach 1: Tracking Healthy Waters and Watersheds

Key Action**	Performance Target(s)	Participating Entity	Geographic Location	Timeline	Factors Influencing
Define each work/project. Define each action step on its own row.	Identify incremental steps to achieve Key Action.	Identify responsible partner for each step.		Identify completion date (month & year) for each	related factor or goal
Identify specific programs used to achieve action.					
Continue gathering inventory and incorporate Quality Assessment and information.					
Inventory waters and watersheds					Tracking: Inventory
Inventory waters and watersheds					
Near Term (2016) Workplan Priorities					
Review of Ideas and Recommendations from Select GIT Members					
Maintain Healthy Watersheds GIT Meeting May 16 th , 2016					
NYSDEC Division of Water maintains regularly updates an inventory of quality waters statewide	physical, chemical and biological samples from surface, groundwaters sediment, and organism across the state each year.	NYSDEC Division of Water Bureau of Water Assessment	State Wide	On Going	Tracking: Inventory

Thank you!

- Lee Epstein (CBF)
- Greg Evans (VA DOF)
- Sally Claggett (USFS)
- Angel Valdez (MDE)



1. Key Action: “Engage with federal agencies other than EPA (such as FERC and DOT) to leverage opportunities within those agencies so that they can set the stage for state and local governments to further healthy watershed protection”

1.

Ideas and recommendations for GIT feedback

*Revising the Federal Workplan for Restoring the
Chesapeake Bay to Comply With Executive Order 13508
and Better Help Meet the Goals and Outcomes Of the
2014 Chesapeake Bay Watershed Agreement*

A close-up photograph of a person's hand pointing at a map spread out on a table. The map shows various geographical features, including what appears to be a river or coastline. The hand is positioned in the upper right corner, with the index finger pointing towards the center of the map. The map itself is detailed, showing land parcels, roads, and possibly some vegetation. The background is slightly blurred, focusing attention on the hand and the map. A semi-transparent text box is overlaid on the left side of the image, containing the text "2. Key Action: 'Assess protected status of healthy watersheds'".

2. Key Action: “Assess protected status of healthy watersheds”

2.

Relevant Work

Tracking Healthy Waters Protection in the Chesapeake Bay Watershed (William & Mary Study)

Other relevant work?

2.

Ideas from our last meeting

A first step could be a summary of how each state is planning to assess protection status of healthy watersheds which may include data layers that could help assess that.

Develop an internal database listing every single healthy waters and watersheds and note which ones are set in stone (“protected”), which are in flux (“vulnerable”), and if possible the last date each was assessed.

2.

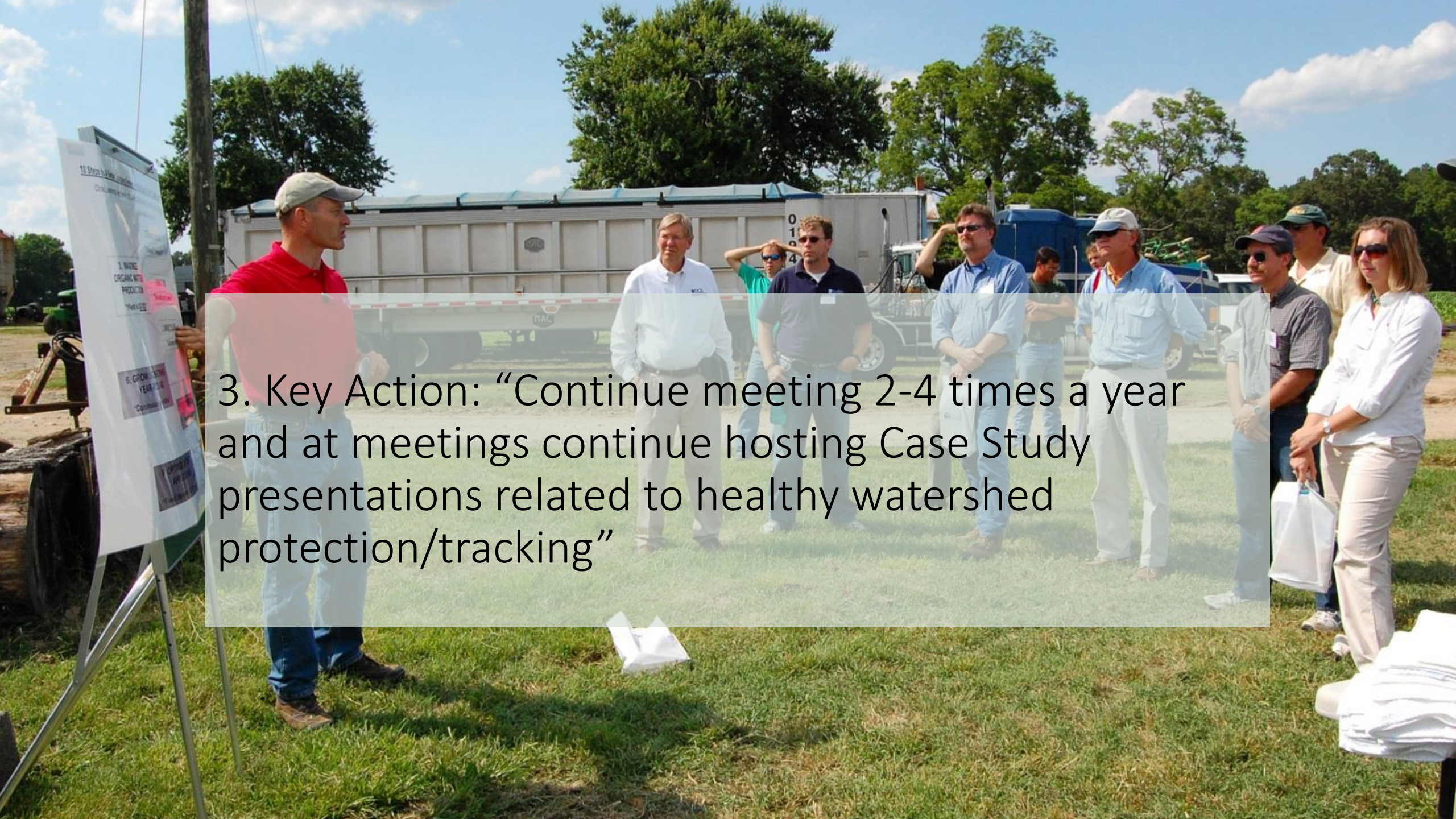
Ideas and recommendations for GIT feedback

1. CBP Staff develop a database which as a starting point will list the state-identified healthy waters(heds). Send to each Jurisdictional representative – early June 2016
2. Jurisdictional representatives provide GIT with criteria used to determine whether watershed or water are “sustained” and fill out the rest of the information on the database – July 2016
3. Coordinator creates a status map using data provided from Jurisdictions – Mid-August 2016
4. CBP Staff develop an interim tracking protocol modeled on other jurisdictions to assess progress toward goal in lieu of a jurisdiction providing it directly. – August 2016

2. Questions

We are proposing that the database include information on which waters and watersheds are set in stone (“protected”), which are in flux (“vulnerable”), and if possible the last date each water or watershed was assessed. Are we missing anything? Other thoughts?

Is the timeline on the previous slide feasible?



3. Key Action: “Continue meeting 2-4 times a year and at meetings continue hosting Case Study presentations related to healthy watershed protection/tracking”

3.

Past Case Study presentations (for ideas)


- Maintaining Healthy Watersheds in Clarke County (VA)
- TNC Watershed Assessment Pilot Project (WV)
- Green Infrastructure Case Study (Frederick County, MD)
- Watershed Restoration Action Strategy (Deer Creek, MD)
- Stormwater Management Program (Fairfax, VA)
- Susquehanna River Landscape Conservation Initiative (PA)
- Development, Stressors, Habitat, and Fish Community Changes (Mattawoman, MD)
- Conserving High Quality Natural Resources in the Chesapeake Bay Watershed (Upper Susquehanna Watershed, NY)
- EPA Healthy Watersheds Program State Assessments (California, Vermont, Wisconsin)

3.

GIT feedback

We need help brainstorming future case study presentations!

- What do you want these presentations to look like?
- Who do you want to hear or learn from?

An aerial photograph of a rural landscape. A river flows through the center, surrounded by dense green forests. The riverbanks are covered in lush vegetation, including marshes and trees. In the background, there are rolling hills with patches of green fields and brown soil. A few small buildings are visible in the distance. The overall scene is a mix of natural and agricultural land.

4. Key Action: “Continue to work with the Chesapeake Bay Program and partners to quantify and incorporate conservation practices into the Chesapeake watershed modeling efforts and to explore how land use protections might be used to quantify future pollutant load reduction incentives for land conservation”

4.

Relevant Work

June 2013 Chesapeake Bay Commission Crediting
Conservation Report

Healthy Watersheds Forestry TMDL GIT Funding Project:
Demonstrating the Value of Retaining Forestland in the
Chesapeake Bay Watershed (Phase 1)



5. Key Action: “Work collectively to improve outreach strategies, and better get the word out across multiple Management Strategies to **determine the best approaches and methods for reaching key stakeholders**”

A group of children are gathered around a large map of the Elizabeth River Watershed. One child is pointing at the map. The map shows the river flowing through Norfolk, Virginia, and its connection to the James River and Chesapeake Bay. The title 'The Revival of Elizabeth' is at the top. A scale bar indicates 0 to 3 miles. Various landmarks like the Norfolk Naval Base, Norfolk Int'l Terminal, and various museums are marked. The children are seen from behind, looking at the map. The background is a wooden wall.

6. Key Action: “Provide messages and resources to CBP Communications Staff”

Key Action: “Share presentations, slides, pictures, graphics, to help partner agency staff prepare presentations, reports, etc. with effective healthy watersheds messages”

5. & 6.

Ideas from our last meeting

GIT products with elements of messaging/communications:

1. Map of State-Identified Healthy Waters and Watersheds
2. FY14 and FY15 GIT Projects “Healthy Watersheds TMDL Study: Demonstrating the Value of Retaining Forestland in the Chesapeake Bay Watershed (Phase 1 & 2)”
3. FY15 GIT Project “Evaluation of Land Use Policy Options, Incentives, and Planning Tools to Reduce the Rate of Agricultural Lands, Forests, and Wetlands”

5. & 6.

Ideas and recommendations for GIT feedback

Develop messages related to the importance of protection

Come up with both good and bad examples: what happens if we fail? What does this look like and mean?

Utilize existing networks (e.g., land conservation efforts)

5. & 6.

Ideas and recommendations for GIT feedback

Who are our stakeholders and how do we reach them?

- Relevant work: Donnelle Keech (TNC) local actors analysis
- Geo-political categories as an alternative way of binning our stakeholders:
 - Large – Urban MS4 areas
 - Small – Suburban MS4 areas
 - Rural areas

5. & 6.

Ideas and recommendations for GIT feedback

What is important to our stakeholders?

- We may have incomplete assumptions about what is important to our key audience and stakeholders.

What are their drivers/motivators (economic? environmental? regulatory?)

- Early lessons from the Forest TMDL project in VA have shown that drivers identified by CBP related to TMDL may not be as important as we first thought. Especially in rural areas.

5. & 6.

Ideas and recommendations for GIT feedback

What is the best way to reach our stakeholders?

- Make it easy for them to reach us too. Two-way street
- Local Leadership Workgroup focus groups looking at how local leaders learn and want the information

5. & 6.

Ideas and recommendations for GIT feedback

We are still in the “discovery phase”

FY15 Project “Demonstrating the Value of Retaining Forestland in the Chesapeake Bay Watershed (Phase 2)”

- Currently meeting with local stakeholders and leaders

FY15 Project “Evaluation of Land Use Policy Options, Incentives, and Planning Tools to Reduce the Rate of Conversion of Agricultural Lands, Forests, and Wetlands”

- First step of the evaluation component of the Land Use Options Evaluation Management Strategy

5. & 6.

Summary and Questions

Focus on who our stakeholders are, what they care about, and how to reach them

Question to GIT: thoughts on geo-political categories?

There is a need for continued “discovery” with regard to key audience, their interests, and how to best share information (not just get our information and messages to them, but also make it easy and pleasant to engage CBP and teach us).

- GIT Funding Projects are giving new insights
- Providing communications messages now might be premature