Riparian Forest Buffer 2018-2019 Logic Table and Work Plan

Primary Users: Goal Implementation Teams, Workgroups, and Management Board | Secondary Audience: Interested Internal or External Parties
Primary Purpose: To assist partners in thinking through the relationships between their actions and specific factors, existing programs and gaps (either new or identified in their Management Strategies) and to help workgroups and Goal Implementation Teams prepare to present significant findings related to these actions and/or factors, existing programs and gaps to the Management Board. | Secondary Purpose: To enable those who are not familiar with a workgroup to understand and trace the logic driving its actions.
Long-term Target: (the metric for success of Outcome): Seventy percent of riparian areas throughout the watershed forested
Two-year Target: (increment of metric for success): 900 miles of riparian forest buffers planted and preserved per year

Factor	Current Efforts	Gap	Actions (critical in bold)
What is impacting our ability to achieve our outcome?	*What current efforts are addressing this factor?*	*What further efforts or information are needed to fully address this factor?*	*What actions are essential to achieve our outcome?*
Scientific and Technical Understanding	Lots of data, good targeting and use of high-resolution	Training and delivery	2.1, 2.2
Improved Technical Assistance	11 new positions in forestry and some additional trainings	Need for consistent funding for positions	2.1, 2.2, 3.1, 3.2, 3.3
Partner Coordination	PSC appointed State RFB Lead,	Help from upper-level state WQ lead, federal programs have important role	1.2, 2.3, 2.5, 4.1
Nongovernmental Organization Engagement	Good involvement, but soft money	More funding, training ops, TSP	2.6, 3.2
Legislative Engagement at the Federal, State, and/or Local Levels	Fed- 2018 Farm Bill, Clean Water Act; State grant funds	Farm Bill influence for CREP and TA	1.3
Government Agency Engagement at the Federal, State and/or Local Levels	FSA, and some states and locals are engaged	More engagement needed at all levels	1.1, 1.2, 2.3, 5.1, 5.2
Public Engagement	Some general outreach efforts	Not a priority at this time	4.1
Landowner Engagement	Some targeted outreach	More education/TA needed	2.6, 4.1

Factor	Current Efforts	Gap	Actions (critical in bold)
What is impacting our ability to achieve our outcome?	*What current efforts are addressing this factor?*	*What further efforts or information are needed to fully address this factor?*	*What actions are essential to achieve our outcome?*
Funding or Financial Resources	Cost-share funding available for Ag lands, FSA provides funding for 11 forester positions	Need more and consistent funding for more TAs and non-ag buffer programs	2.3, 2.4, 2.6, 5.1, 5.2

WORK PLAN ACTIONS					
Action #	**Description**	**Performance Target(s)**	**Responsible Party (or Parties)**	**Geographic Location**	**Expected Timeline**
Management Approach 1: RFB Leadership					
1.1	State RFB leadership	a) Coordination meetings with NRCS and Water Quality leads b) New sources of funding (See also 2.2, 2.6, 5.2) c) Increased funding	State Leads	Bay wide	Ongoing
1.2	MB/PSC	RFB Action Team specifies roles for this group	USFS	Bay wide	Ongoing
1.3	Work on Policies to Increase RFB on landscape	a) #new buffer programs b) New federal policy for RFB/CRP c) Conservation policies to reduce RFB loss	CBC, Choose Clean Water Coalition	Bay wide	Ongoing
Management Approach 2: Improved Ag RFB Programs					
2.1	Coordinated local team approach (in combination with leadership and training)	Increase RFB enrollment in counties showing up as light colored	NRCS, SWCDs, States	Bay wide	Ongoing
2.2	Increase state and local funding for CRP (or similar RFB program)	a) Increase, stabilize funding (no breaks in CRP) b) New programs in place	States, FSA	Bay wide	Ongoing
2.3	Find ways to make existing program more efficient	a) Employ LEAN process on CRP in PA b) Additional staff and training as needed (separate from TA)	States, USFS, EPA	Bay wide	a) June 2019 b) Ongoing
2.4	Pursue a state/privately-funded RFB program (see 6.1)	a) Pay for Success programs developed b) Additional funding available	States, USFS, partners	Bay wide	Ongoing
2.5	Implement RFB Verification	Increase RFB BMP acres in NEIEN	States	Bay wide	Ongoing

WORK PLAN ACTIONS					
Action #	**Description**	**Performance Target(s)**	**Responsible Party (or Parties)**	**Geographic Location**	**Expected Timeline**
2.6	Develop programs to provide comprehensive services for landowners with RFB; maintenance at scale	Maintenance programs	States, partners	Bay wide	Ongoing
Management Approach 3: RFB Improved Technical Assistance					
3.1	Work to improve staffing to provide more technical assistance	a) Maintain existing trained personnel b) Hire # additional field personnel through grant from FSA	FSA, USFS, NRCS, CBC, States, SWCDs, Ag consultants	Bay wide	Ongoing
3.2	Training for Technical Service Providers to improve TA on RFB	a) Trainings b) TSPs trained	States, USFS, NRCS, FSA, SWCD	Bay wide	Ongoing
3.3	Whole-farm hydrology planning to improve flow issues/decrease buffer by-pass	a) Whole farm hydrology trainings for RFB b) Design plans to address buffer by-pass	USFS, Stroud, NRCS, States	Bay wide	Ongoing
Management Approach 4: RFB Outreach and Communications					
4.1	Produce Outreach and Communications Plan for RFB	Produce Outreach and Communications Plan for RFB	ACB (CBP Comm Staff), USFS, States and FWG	Bay wide	June 2019
Management Approach 5: Focus on Non-Ag					
5.1	Develop RFB/Tree planting program targeted to MS4s/local governments/ institutions that may include private investment and charitable contributions	a) Pay for Success programs developed b) Additional funding available	USFS, States, partners	Bay wide	Ongoing
5.2	Increase regular funding (i.e. CBIG/319) for RFB programs on non-Ag lands	a) New programs for non-Ag lands b) Additional funding available	States	Bay wide	Ongoing
5.3	Train NGOs (e.g., Master Naturalists, tree groups) to deliver forest buffers in developed areas	# trainings #people trained Training guide prepared c)	FWG, state forestry agencies	Baywide	
5.4	Work with institutions and other land owners to be buffer stewards	d) #new partners with forest buffers	FWG, Businesses for the Bay, InterFaith, etc.	Baywide	

WORK PLAN ACTIONS					
Action #	Description	Performance Target(s)	Responsible Party (or Parties)	Geographic Location	Expected Timeline