

**Outcome:** Citizen Stewardship

**Goal:** Increase the number and the diversity of local citizen stewards and local governments that actively support and carry out the conservation and restoration activities that achieve healthy local streams, rivers and a vibrant Chesapeake Bay.

**Outcome:** 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

**Long term Target:**

**2 year Target:**

<b>Key Action**</b>	<b>Performance Target(s)</b>	<b>Participating Entity</b>	<b>Geographic Location</b>	<b>Timeline</b>	<b>Factors Influencing and/or Gap</b>
<i>Description of work/project. Define each major action step on its own row. Identify specific program that will be used to achieve action.</i>	<i>Identify incremental steps to achieve Key Action.</i>	<i>Identify responsible partner for each step.</i>		<i>Identify completion date (month &amp; year) for each step)</i>	<i>Identify related factor or gap in Management Strategy</i>

**Management Approach 1: Establish mechanisms to measure impact and track progress of citizen stewardship programs**

**Workgroup Actions**

Develop stewardship measurement methodology for citizen action, volunteerism and community leaders.	1. Work with stakeholders to complete a Methodology and survey instrument	Stewardship Workgroup	Watershed Wide	2015	C4
	2. Conduct the survey watershed-wide as a pilot and work with local partners to develop projects for more detailed data collection.	Stewardship Workgroup	Watershed Wide	Early 2016	
	3. Evaluate Survey results and share with CBP Partners. Investigate funding for continued implementation	Stewardship Workgroup	Watershed Wide	2016	
	4. Begin Phase 2 development of metrics to further enhance metrics for volunteerism and citizen leadership.	Stewardship Workgroup	Watershed Wide	Late 2016	
<b>Total</b>					
Scale up implementation of stewardship survey to develop baseline measure of stewardship at state, regional or watershed scale.	1. Secure matching funds 2. Assess the extent to which the survey results provide an adequate measure of volunteerism by state and in the region and facilitate development of a methodology to address gaps in the data among stakeholders.	Stewardship Workgroup	Watershed Wide	2017	C4
<b>Total</b>					

**Jurisdiction & Federal Actions**

Establish a baseline of the level of diversity (staff, boards, programs and initiatives aimed at increasing internal diversity)	1. Consult with Guidestar to identify quantitative metrics that will be used for tracking	Maryland	PA, MD,DC,DE, VA	Fall 2015	C1, C4
	2. Survey Partners on existing diversity programs that aim to increase diversity and inclusion in (employment, volunteerism, programs, etc.)			Spring 2016	
	3. Using a Guidestar type tool adapted for the Chesapeake region, collect diversity data of Chesapeake Bay Program Partner organizations.			Fall 2017	
	4. Examine EPA's diversity dashboard to determine if it can serve as a model for Bay Partners.			Spring 2016	
	5. Develop method of tracking anecdotal and qualitative metrics of Strategy implementation				
<b>Total</b>					
Increase the Bay Program stakeholder base by tracking new partnerships that help to better identify and target underrepresented and underserved Chesapeake communities to engage in Partnership efforts.	1. Identify and approach organizations and groups that work within diverse Chesapeake communities	Maryland	PA, MD,DC,DE, VA	Winter 2016	C1, C4
	2. Identify community groups that may be candidates for environmental restoration projects and programs in the following jurisdictions; DE, PA, MD,DC, VA				
<b>Total</b>					
Use EPA's EJ Screening tool as a base for identifying stressed or under-served Chesapeake communities	1. Create a map that overlays data sets such as; demographic, environmental, sub-watersheds, proximity to partner organizations, environmental justice groups, community service groups, etc.	Maryland	Watershed Wide	Spring 2016	C1, C4
	2. Track how partners are using the tool				
<b>Total</b>					

Collect and evaluate existing diversity programs and develop a strategy for improvement.	Continue to develop existing baseline matrix and highlighting current gaps within the Partnership	Maryland			C4
Track Volunteer Hours at Chesapeake Bay Natuinal Estuarine Research Reserves (CBNERR)	Track volunteer hours at all Reserve locations realted to research, stewardship, monitoring and educations. Stewardship activities at CBNERR-MD are designed to demonstrate best management practices that other resource professionals, local decision-makers, and the general public can apply in their own communities. Work with volunteers to record transferability to local efforts.	Maryland - CBNERR		December 2016	C4

**Total**

**Local Partner Actions**

**Management Approach 2: Provide assistance to help develop and implement programs for maximum impact on citizen stewardship**

**Workgroup Actions**

Develop online crowd sourced database of social marketing programs, tools and products.	1. Contractor development of online datbase tool.	Stewardship Workgroup	Watershed-wide	Spring 2016	C1, C5, C6
	2. Work with local parters to populate database with existing projects. Work with the Alliance for the Chesapeake Bay to integrate with Chesapeake Network.	Stewardship Workgroup	Watershed-wide	Throughout 2016	
	3. Integrate database use in grant programs	Stewardship Workgroup	Watershed-wide	2017	

**Total**

Pursue options for increasing effectiveness of stormwater outreach programs that are required under existing permitting structures.	<ol style="list-style-type: none"> <li>1. Facilitate partnerships between local governments and watershed organizations that result in effective citizen outreach programs that address storm water program requirements.</li> <li>2. Engage with regulatory agencies to develop guidance and incentives for local governments implementing storm water programs to more effectively build capacity of and partner with nongovernmental organizations.</li> </ol>	Stewardship Workgroup	Watershed-wide	December 2017	C1, C2, C5, C6
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**Jurisdiction & Federal Actions**

Initiate conversations with FWS leaders in the watershed to engage refuge friends groups, partners with FWS program biologists and their private land owner partners in documenting their contributions to the work plan.	<ol style="list-style-type: none"> <li>1. Identify appropriate FWS leaders</li> <li>2. Initiate conversations</li> <li>3. Develop options for consideration</li> </ol>	FWS, Stewardship Workgroup	Watershed-wide	2017	C1, C5
<b>Total</b>					

Work with local organizations in Maryland's Midshore to develop shared goals around water quality, agriculture, and food security in support of NOAA's Choptank Habitat Focus Area	1. Award subcontract to support a collective impact effort	NOAA Chesapeake Bay Office	Choptank watershed	January 2016	C1, C5
	2. Work with local partners to develop a shared vision for the protection and restoration efforts	NOAA Chesapeake Bay Office	Choptank watershed	June 2016	
	3. Support projects that advance the partnership	NOAA Chesapeake Bay Office	Choptank watershed	December 2016	
<b>Total</b>					

Engage with local communities during public processes that support designation of Mallow's Bay-Potomac River as a NOAA National Marine Sanctuary	1. Public scoping meetings and public comment period	NOAA Office of National Marine Sanctuaries	Potomac River	October 2015 - January 2016	C1, C5
	2. Public focus group meetings to support draft management plan and draft environmental impact statement	NOAA Office of National Marine Sanctuaries	Potomac River	Feb 2016 - Apr 2017	

	3. Public comment period on draft management plan and draft environmental impact statement	NOAA Office of National Marine Sanctuaries	Potomac River	Apr 2017 - Dec 2017	<b>Total</b>
Share successful models of citizen stewardship programs at professional conferences	Sharing successful models of citizen stewardship programs at professional conferences, such as PA Association of Environmental Educators	PA DEP and DCNR	PA portion of watershed	December 2017	Funding and staffing limitations
					<b>Total</b>
Present water-education focused sessions at professional conferences	Attend a minimum of 4 professional conferences (PAEE, PSTA, Dive Deeper, etc.) and present session focused on water-education, specifically monitoring and audience engagement.	PA DCNR	PA portion of watershed	December 2017	Funding and staffing limitations
					<b>Total</b>
Facilitate professional development opportunities for teachers, that allow for networking and sharing of ideas	A minimum of 15 professional development opportunities; including but not limited to: Pennsylvania State Parks' Watershed Education program and ProjectWET will conducted over a two year period.	PA DCNR	PA portion of watershed	December 2017	Funding and staffing limitations
					<b>Total</b>
Partner with organizations currently engaging citizens and local environmental stakeholders through events such as the annual Susquehanna River Symposium	Work with event organizers to provide program input into events for 2016 and 2017, with an emphasis on developing opportunities to share best practices and increase local collaboration.	PA DCNR	PA portion of watershed	December 2017	Funding and staffing limitations
					<b>Total</b>
INSR and SWG grants program	INSR and SWG programs are efficaciously and adaptively managed.	EPA  National Fish and Wildlife Foundation.	Watershed-wide	Annual grant awards cycle: RFP closes in May; awards announced in September.	C1, C2, C3, and C6.
					<b>Total</b>
Identify key trusted leaders and interests of underrepresented communities (include HBCU's,	1. Recruit diverse stakeholders and leaders to participate in 2015 Chesapeake Watershed Forum.	Maryland	N/A	Summer 2015	C1, C3, C5, C6

colleges and universities, Urban League, NAACP, fraternities, sororities, disability group, religious, GLBT, etc). Establish forums and begin dialogue to better understand how community issues link to watershed restoration. During the process, assess needs and preferences for ongoing communications like online forums, etc.	2. Develop a jurisdiction by jurisdiction contact list of key community leaders and interests/missions/priorities/key contact and communication preferences.	Maryland	PA, MD, DC, DE, VA	Spring 2016	
	3. Plan and implement jurisdictional pilot outreach sessions led by key community leaders to determine community interest and potential links to restoration.	Maryland	PA, MD, DC, DE, VA	2016-2017	
	4. Develop a set of follow up actions and recommendations for CBP (Executive Council level) adoption.	Maryland	PA, MD, DC, DE, VA		
					<b>Total</b>
Work with Toxic Contaminants Workgroup, Jurisdictions and contractor to identify communities where fish advisories exist (use EJ screen tool) and initiate pilot project to improve communications and outreach.	1. Establish review and advisory subgroup to oversee fish advisory outreach project and contractor	Maryland		Winter 2016	C1, C5
	2. Conduct planning session meeting with contractor discuss project scope and overall approach to review fish advisories and communities affected by fish advisories. Conduct periodic meetings to review products and provide, advise DAT and provide feedback to contractor on suggested improvements to products and deliverables.	Maryland		Spring 2017	
	3. Advisory subgroup to work with jurisdictions, DAT, contractor to devise activities that lead to dissemination and use of new fish advisory tools and approaches. Oversee implementation of activities.	Maryland		Winter 2017	

	4. Engage community stakeholders and explore long term process for reviewing fish consumption and alternatives such as fish swapping etc. Provide recommendations to CBP.	Maryland		Winter 2016	
Work with federal partners to identify opportunities to work with diverse communities adjacent to federal installations	1. Conduct meeting with FOD and FLC to identify diverse communities adjacent to installations and issues of importance to those communities	Maryland		Summer 2016	Summer 2016 C6
	2. Conduct meeting with FLC to identify opportunities to expand,	Maryland			2016 - 2017
					<b>Total</b>
Expand educational offerings along CAJO-Expand the reach of Kids in Kayaks, participate in Every Kid in a Park NPS program. Providing students place-based natural and cultural experiences in the outdoors provides them with an opportunity to make connections to nature and influences future decision making.	1. Expand Kids in Kayaks	NPS, Baltimore National Heritage Area	Baltimore	June 2016	E1, E2, E3
	2. Complete first Every Kid in a Park Program	NPS, Susquehanna Gateway Heritage Area	Wrightsville, PA	May 2016	
					<b>Total</b>
Digital River Segment Guides to increase public access by providing additional information, itineraries and detailed information on experiencing each river segment of the John Smith trail. The Potomac River will be the most likely pilot.	1. Produce content for website	NPS	Potomac River Pilot (planned)	January 2016	C1, C2, C3
	2. Create framework and interactive elements	NPS		April 2016	
	3. User testing of site	NPS		August 2016	
Riversmart Programs		DC DOEE	DC	Ongoing	<b>Total</b> C1, C5

Litter reduction social marketing campaign	Trash Free Maryland EPA	MD	Ongoing	<b>Total</b> C1, C5
Increase the number of schools and organizations that use the Stewardship Education Best Practices Planning Guide developed by the Association of Fish and Wildlife Agencies (AFWA)	Virginia Department of Game and Inland Fisheries	Virginia		<b>Total</b> C1, C5, E1, E2
Search for grants to help citizens with Operation and Maintenance of septic systems, including enforcement activities	Virginia Department of Health	Virginia		C2
SpeticSmart Week	Issue press releases leading up to and during SepticSmart Week, distributing educational materials such as fliers and brochures, and providing informational talks at appropriate public events or meetings.	Virginia Department of Health	Virginia	Ongoing C1, C5
Focus CBNERR community education programs on behavior change in order to inform and refine future site based programs.	Review and refine programs throughout the 2-Year cycle based on feedback from program participants	Maryland - CBNERR		December 2017 C1, C5



The Chesapeake Bay Commission will work collaboratively with the Bay Program partners to identify legislative, budgetary and policy needs to advance the goals of the Chesapeake Watershed Agreement. CBC will, in turn, pursue action within our member state General Assemblies and the United States Congress. See CBC Resolution #14-1 for additional information on the CBC's participation in the management strategies.

Work with GIT to consider policy changes or legislative actions identified by the GIT.

Chesapeake Bay Commission      Watershed-wide      December 2017

<b>Local Partner Actions</b>					
Complete Reduce Your Stormwater website	Reach at least 100,000 homeowners with DIY residential stormwater practices and education on positive behaviors.	Alliance for the Chesapeake Bay	Available and marketing watershed-wide with targeted implementation in Yellow Breeches watershed in PA and James River watershed in VA	Complete website, Implement outreach pilots and measure behavior change in 2016.	C1, C5, E1, E2
<b>Total</b>					
Conduct River Wise Communities Guide and Training	Conduct training for Conservation Districts, local governments, and local watershed groups. Create Online handbook and training materials and post to Alliance website.	Alliance for the Chesapeake Bay	Training in Virginia and Pennsylvania. Online content marketed watershed-wide	Beginning in Dec 2015 and continuing through 2016.	C1, C5, E1, E2
<b>Total</b>					
Communities for Clean Streams (CCS) is a growing network of clean stream stewards and watershed partner organizations, civic and community groups working together to influence	1. CleanStreams.anshome.org was launched Sept 2015 to provide information and resources to partner groups as well as a vehicle for cross-promotion of related programs.	Audubon Naturalist Society	DC/MD/VA Metro area	Ongoing improvements to microsite as needed	C3, C5

local clean water policies and engage landowners in best practices to produce cleaner streams in the DC metro region.	2. Microsite includes media outreach templates, event promotion templates, events calendar for partners to use. For individuals, the site offers information, action alerts, events, resources and more.					
						<b>Total</b>

**Management Approach 3: Increase capacity to expand the number and diversity of citizen volunteers**

**Workgroup Actions**

**Jurisdiction & Federal Actions**

Grant Programs	1. Review grant guidances and identify opportunities to provide expanded funding for volunteer water quality monitoring programs 2. Fund citizen volunteer monitoring programs where possible	PA DEP and DCNR	PA portion of watershed	December 2017	Funding and staffing limitations; applying organizations	
						<b>Total</b>
Promote programming and visitor outreach about water-monitoring on World Water Monitoring Day	Pennsylvania State Parks will conduct 40 water monitoring programs for the public on World Water Monitoring Day over the two year period.	PA DCNR	PA portion of watershed	December 2017	Funding and staffing limitations; applying organizations	
						<b>Total</b>
Watershed Education & ProjectWET programs	Participation rates for PA State Parks' Watershed Education program and Project WET programs will increase by 10% over the two year period compared to 2015 rates.	PA DCNR	PA portion of watershed	December 2017	Funding and staffing limitations; applying organizations	
						<b>Total</b>
Support and promote citizen education programs such as the Master Watershed Steward and Master Naturalist Programs.	Provide funding support for these programs through DCNR's Community Conservation Partnership Program, as possible. Steadily increase the program participation and graduation rates over the next two years.	PA DCNR	PA portion of watershed	December 2017	Funding and staffing limitations; applying organizations; managing organization's capacity	
						<b>Total</b>

Continue role in the Coldwater Heritage Partnership	Continue to fund the Coldwater Heritage Partnership program to support the engagement of local organizations in conservation planning, science and monitoring, and improvement projects. Also continue to support the bi-annual Keystone Coldwater Conference, which provides students, citizens, and local environmental stakeholder groups an opportunity to network and learn best practices related to waterway conservation.	PA DCNR	PA portion of watershed	December 2017	Funding and staffing limitations; applying organization; managing organization's capacity
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INSR and SWG grants program	INSR and SWG programs are efficaciously and adaptively managed.	EPA  National Fish and Wildlife Foundation	Watershed-wide	Annual grant awards cycle: RFP closes in May; awards announced in September.	<b>Total</b> C1, C2, C3, and C6.
					<b>Total</b> C1, C6

Bay Program and its partners will improve transparency and efficiency in providing community-based grant opportunities and will work with partner funding organizations, to develop a guide to assist groups in grant competition awareness, selection criteria, accountability, capacity building and grant writing training, etc., for areas with diverse and underrepresented populations.	1. DAT to meet with BFN to initiate discussions	Maryland
	2. DAT will consult with National Fish and Wildlife Foundation's Technical Capacity Program	Maryland
	3. Develop funding guide.	Maryland
	4. EPA, jurisdictions and Federal agencies will review and revise their RFP email lists to ensure that grant opportunities are being distributed to broad and diverse constituencies. Examples, HOA's, community centers, rec centers, etc.	Maryland
	5. Develop webinars/ capacity building	Maryland

Virginia Naturally Schools	Increase the number of schools/classrooms that include environmental stewardship as part of their curriculum through Virginia Naturally Schools.	Virginia Department of Game and Inland Fisheries	Virginia	Ongoing	<b>Total</b> E1, E2, E3
Habitat Partners		Virginia Department of Game and Inland Fisheries	Virginia	Ongoing	<b>Total</b>
The Virginia Wildlife Mapping Program		Virginia Department of Game and Inland Fisheries	Virginia	Ongoing	<b>Total</b>
Adopt a Virginia Birding and Wildlife Trail		Virginia Department of Game and Inland Fisheries	Virginia	Ongoing	<b>Total</b>
Project WILD facilitators		Virginia Department of Game and Inland Fisheries	Virginia	Ongoing	<b>Total</b>
DGIF Complementary Workforce		Virginia Department of Game and Inland Fisheries	Virginia	Ongoing	<b>Total</b>
Maryland Partnership for Children in Nature - working on developing mechanisms to increase participation of people of color/ from diverse backgrounds in recreation and volunteerism/stewardship in parks and other public lands	Collaborating with the Y of Central MD as part of the Federal 50 Cities Initiative to involve 20,000 people per city in “play, learn, work, and serve” activities. The Partnership is also working on ways to improve student awareness of environmental careers and opportunities to participate in internships and career-related enrichment experiences – with a focus on underserved schools and communities. Both of these activities are in initial phases and will be explored and developed over the next 2 years.	Maryland			C1, C5, C6, E1, E2, E3
					<b>Total</b>
<b>Local Partner Actions</b>					
Citizen Scientists Microplastics Survey		Trash Free Maryland	Maryland, DC, Virginia		

<b>Total</b>					
Score Four Program: school watershed investigation and student stormwater BMP project	1. Train teachers and groups to do Sc.4 lessons and student stormwater action projects	ICPRB, CBT, PGC DEP, County Schools, Chesapeake Natives	Maryland	July 2016	Positive influences: Supports MWEE, Env. Lit., MAEOE Green Schools, and Next Generation Science. Gap: Teacher time constraints, adequate staff and budget
	2. Grow program, increase numbers of students, teachers, volunteers	ICPRB, CBT, PGC DEP, County Schools, Port Tobacco Conservancy, Uof MD Extension.	Maryland, WV	October 2016	
	Develop on-line resources for educators	ICPRB, CBT, PGC DEP	Chesapeake Bay watershed	January 2016	
<b>Total</b>					
Watershed Connections Teacher Watershed Model workshops	1. Support previous attendees in expanding program at schools	ICPRB, St. Mary's County Public Schools, Charles County Public Schools, Port Tobacco Conservancy	Maryland	October 2017	Positive influences: Supports MWEE, Env. Lit., MAEOE Green Schools, and Next Generation Science. Gap: Teacher time constraints, adequate staff and budget
	2. Expand use of model to other areas	ICPRB, Partners to be arranged	To be identified	October 2017	
	3. Pursue CBT funding for workshops as partnerships develop	ICPRB, CBT, Partners to be arranged	To be identified	October 2017	
<b>Total</b>					
Stream Monitoring	Mentor schools in stream monitoring and stream restoration projects	ICPRB, Wheaton High School, St. Marys County Public Schools	Maryland	June 2016	ICPRB mentorships limited due to staff size. Vicinity of streams to schools limits participation, as few schools have funding for transportation to streams.
<b>Total</b>					
Develop tools and Expand outreach to engage local groups in water quality and other monitoring (Non-traditional Monitoring)	Expand the number of trained citizen monitoring volunteers/citizen scientists by 20% each year.	Alliance for the Chesapeake Bay, Issac Walton League, ALLARM, UMCES, Chesapeake Bay Program	Watershed-wide		C1, C3
<b>Total</b>					
Engage local groups and citizen stewards in stream cleanup through Project Clean Stream	Create volunteer opportunities for over 50,000 local citizens. Opportunities include working with local groups to host over 2000 local stream cleanup sites a well as tree planting.	Alliance for the Chesapeake Bay	Watershed-wide	April – June of 2016 and 2017	C1, C3
<b>Total</b>					

Continue to manage the Chesapeake Watershed Network	This Networking vehicle (the "Facebook" of Bay Conservation) connects over 6000 conservation practitioners and activists and facilitates the sharing of information, events, and jobs while helping promote collaboration.	Alliance for the Chesapeake Bay, NFWF	Watershed-wide	Ongoing	C3, C5, C6, E1, E2, E3
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Continue to implement Maryland Master Naturalist Program in conjunction with the University of Maryland Extension.	<ol style="list-style-type: none"> <li>Increase the number and diversity of MN in program</li> <li>Approximately 2,000 volunteer hours given</li> </ol>	Audubon Naturalist Society	Audubon Naturalist Society Woodend Sanctuary	Ongoing	<b>Total</b> C3, C4, C6
<b>Total</b>					

**Management Approach 4: Increase capacity to expand the diversity of citizen volunteers and community leaders**

*Workgroup Actions*

Work with the Diversity Action Team to evaluate results of survey information and design appropriate strategies.	<ol style="list-style-type: none"> <li>Evaluate results of stewardship surveye.</li> <li>Identify opportunities that would benefit from increased outreach/assistance based on results.</li> </ol>	Stewardship Workgroup	Watershed Wide	Ongoing	C6
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*Jurisdiction & Federal Actions*

Citizens Volunteer Monitoring and Watershed Groups	<ol style="list-style-type: none"> <li>Identify existing programs and partners coordinating volunteer water quality monitoring activities throughout the state</li> <li>Explore and identify opportunities to provide technical assistance, expand outreach to diverse audiences and support for volunteer water quality monitoring</li> </ol>	PA DEP	PA portion of watershed	December 2017	Funding and staffing limitations
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INSR and SWG grants program	INSR and SWG programs are efficaciously and adaptively managed.	EPA	Watershed-wide	Annual grant awards cycle: RFP closes in May; awards announced in September.	<b>Total</b> C1, C2, C3, and C6.
		National Fish and Wildlife Foundation			

					<b>Total</b>
Work with local governments in the watershed to explore how the Bay Program can inform or help local decision makers maximize benefits and minimize adverse impacts from restoration project planning, siting and funding processes.	1. DAT to work with LGAC and Local Leadership Team to explore opportunities to work with local leaders on these issues.	Maryland			C1, C6

Target recruitment of Master Watershed Stewards, Steward Lite Audiences and restoration funding for underserved communities	<ol style="list-style-type: none"> <li>1. Identify specific diverse audiences to engage</li> <li>2. Create training and resources for those communities</li> <li>3. Execute training for these audiences.</li> </ol>			Currently working with the Africian American Faith Community. Next diverse target may be latino community?	C6, E1, E2, E3
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**Total**

<b>Local Partner Actions</b>					
Community organizing and grassroots advocacy of non-traditional allies		Trash Free Maryland	Maryland		E1, E2, E3

Watershed Forum	Engage 450 diverse members of the conservation community	Alliance for the Chesapeake Bay, NFWF, Chesapeake Bay Program	Watershed-wide	Each year	C3, C5, C6, E1, E2, E3
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**Total**

**Management Approach 5: Recruit, train, and support more citizen leaders and local champions**

<b>Workgroup Actions</b>					
Advance programs that foster the contiuum of citizen stewards model: individual citizen action, volunteerism, and citizen leadership.	1. Create a plan for supporting the creation of new watershed steward academys and supporting and standardizing WSAs around the watershed.	Stewardship Workgroup		December 2017	C1, C3, C4, C5, C6, E1, E2, E3
	2. Develop a strategy to increase and measure volunteers and leaders throughout the watershed.	Stewardship Workgroup		December 2017	

3. Identify opportunities for program collaboration that can ensure both behavior change outreach, leadership programs and and volunteer programs are connected and successful.

Stewardship Workgroup

December 2017

**Jurisdiction & Federal Actions**

Chesapeake Watershed Forum	1. Explore opportunities to expand support of the forum	PA DEP and DCNR	PA portion of watershed	December 2017	C3, C5, C6, E1, E2, E3
<b>Total</b>					

Citizens Volunteer Monitors	1. Identify existing programs and partners coordinating volunteer water quality monitoring activities throughout the state 2. Explore and identify opportunities to provide technical assistance and support for volunteer water quality monitoring	PA DEP	PA portion of watershed	December 2017	C3, E1, E2
<b>Total</b>					

INSR and SWG grants program	1. INSR and SWG programs are efficaciously and adaptively managed.	EPA  National Fish and Wildlife Foundation	Watershed-wide	Annual grant awards cycle: RFP closes in May; awards announced in September.	C1, C2, C3, and C6.
<b>Total</b>					

Collaborate and exchange information with various environmental justice entities throughout the Bay Watershed and incorporate their perspectives and those of community and faith-based organizations and leaders throughout the Bay Program governance structure, including its three advisory committees (citizens, local governments and scientific/technical).	1. DAT to work with community leaders to engage them in MB, PSC, CBP GITs and workgroups as active contributing members. 2. DAT to meet with the 3 CBP Advisory committees to seek their input on ways to help make CBP more representative of the diverse communities and people in the Bay watershed. 3. Identify key EJ groups in the jurisdictions 4. Reach out to existing groups such like those identified in the strategy and more like WE ACT and Blackbelt EJ Center.	Maryland			C6
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<b>Total</b>					
Chesapeake Youth Corp Network: Continue to provide funding and support to the Chesapeake Bay Trust to employ a cohort of interns at partner sites to further trail development and public access.	1. Summer 2015-Recruit and place interns	Chesapeake Bay Trust, NPS	MD, VA, PA	August 2016	E1, E2, E3
	2. Create workplan and identify projects	Maryland DNR, Virginia DCR, Susquehanna Gateway Heritage Area, NPS		August/Sept 2015	
<b>Total</b>					
Chesapeake Youth Corps Summer Crews-Continue the work with youth partners towards increasing the number of youth stewards that supports and carry out conservation, restoration and access projects; while focusing on finding reliable funding streams for the Chesapeake Youth Corps and Intern Team	1. Winter 2015-Identify trail development projects, apply for funding to continue support of projects	NPS	MD, VA	Planning and securing funding-May 2016, Project completion-August 2016, Evaluation-October 2016	E1, E2, E3
	2. Summer 2016-If funding is available finalize plans for summer projects, Support work crews	NPS with Maryland DNR, Virginia DCNR			
	3. Fall 2016-Evaluate completed work				
<b>Total</b>					
Master Naturalist Program		Virginia Department of Game and Inland Fisheries			E1, E2, E3
<b>Total</b>					
Develop Chesapeake Bay Landscape Professional (CBLP) certification initiative	Establish a rigorous curriculum and certification process for the landscape design and installation industry throughout the mid-Atlantic region	Virginia Department of Game and Inland Fisheries		2017	C1, C3, C5
		Chesapeake Conservation Landscaping Council			
<b>Local Partner Actions</b>					
Citizen Scientists Microplastics Survey		Trash Free Maryland	Maryland, DC, Virginia		
<b>Total</b>					

Implement the RiverWise Congregations Program to Engage the Faith Community	Engage and train leaders from at least 3 mega churches - 4-6 Master Watershed Stewards and 75 Congregational Stewards will be trained, and projects will be installed on congregational property and on residential property.	Alliance for the Chesapeake Bay, Watershed Stewards Academy, Interfaith Partners for the Chesapeake	Anne Arundel County, MD	2016-2017	C3, E1, E2
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Implement the RiverWise Congregations Program to Engage the Faith Community	Engage and train leaders from 30 churches	Alliance for the Chesapeake Bay, Watershed Stewards Academy and Chesapeake Bay Foundation	Richmond, VA	2016-2017	C3, E1, E2
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**Total**

Watershed Forum/Forum Plus	Engage 450 diverse members of the conservation community	Alliance for the Chesapeake Bay, NFWF, Chesapeake Bay Program	Watershed-wide	Each year	C3, C5, C6, E1, E2, E3
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**Total**

Watershed Advocacy Boot Camps	Train 50 grassroots leaders / year in advocacy strategies.	Audubon Naturalist Society	MD (Mont.Co) & NoVA	2 to 4 advocacy training workshops / year	C3
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**Total**

Train new Master Watershed Stewards, citizens with the knowledge, skills and resources to facilitate community action to reduce pollutants through installation of BMPs and Behavioral changes.	1. Recruit the right people to become Stewards	Anne Arundel WSA	Anne Arundel County	50 Master Watershed Stewards Trained	Lack of large scale funding for a centralized Maryland or Watershed Wide WSA coordinating body.
	2. Train Stewards (64 hour hands on certification Course)	Cecil County WSA	Cecil County	12 stewards certified annually	
	3. Mentor Stewards through Capstone Project	Howard County WSA	Howard County		
		St Mary's County WSA	St. Mary's (and maybe Calvert) Counties		
		National Capital Region WSA	Montgomery & Prince Georges Counties and DC		

**Total**

Develop and implement a "Sterward Lite" curricula - to engage specific targeted audiences who cannot attend the full Master Watershed Steward Certification Program	1. Identify Target Audience(s) 2. Complete Formative Audience Research 3. Identify learning and action Outcomes 4. Create curricula and support resources	Anne Arundel WSA	Anne Arundel County	December 2017	C1, C3, C5, C6
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5. Recruit and Train Steward Lite Candidates

					<b>Total</b>
Support Existing Master Watershed Stewards as they move their communities to action (AA WSA currently has 170 Certified Stewards to support, other WSAs have fewer depending on when they were established)	1. Recruit funds for ongoing restoration projects/opportunities	Anne Arundel WSA	Anne Arundel County		C1, C3, C5, C6
	2. Provide Continuing Education Classes	Anne Arundel WSA	Anne Arundel County	8-10 continuing education classes	
	3. Execute 2 Annual Conferences, and plan for a third	Anne Arundel WSA	Anne Arundel County	December 2017	
	4. Develop new resources to support Steward Action	Anne Arundel WSA	Anne Arundel County	December 2017	
	5. Measure Stewards' effects on community restoration (ie numbers of community members engaged, projects installed due to their technical support, etc.)	Anne Arundel WSA	Anne Arundel County	December 2017	
	5. Provide networking and communication opportunities for Stewards and Consortia to collaborate on restoration projects	Anne Arundel WSA	Anne Arundel County	December 2017	
					<b>Total</b>
Connect business, government, nonprofit organizations and environmental professionals with Stewards and each other for citizen action.	1. Explore ways to expand and leverage connections with the WSA Conference.		Anne Arundel County	December 2017	C1, E1
	2. Expand and further engage the Consortium	Anne Arundel WSA	Anne Arundel County	December 2017	
	3. Connect Stewards, businesses, community groups, institutions, government agencies and Consortium Members	Anne Arundel WSA	Anne Arundel County	December 2017	
	4. Track connections and resulting Stewardship Actions	Anne Arundel WSA	Anne Arundel County	December 2017	
					<b>Total</b>
Engage a robust Consortium of Support Professionals	1. Provide continuing education classes for Consortium Members	Anne Arundel WSA	Anne Arundel County	December 2017	C3
	2. Engage Consortium in Instruction or mentoring of Stewards	Anne Arundel WSA	Anne Arundel County	December 2017	
					<b>Total</b>

Facilitate Pollutant Reducing Behavioral Change in Communities	Develop, refine and support Stewards to use Community Based Social Marketing Campaigns (Existing campaigns include Leaf Removal, Rain Barrels, Pet Waste and Lawn Care)	Anne Arundel WSA	Anne Arundel County	December 2017	Limited capacity
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**Total**

Measure and Track Steward Actions in Communities as it relates to Outreach and Behavioral Change	Use existing data collection and metrics to measure Steward Actions. Develop and implement measurement of related community or residential actions that occur because of the technical support of a Watershed Steward. Refine our list of and methodology for assessing Behavior Change Metrics	Anne Arundel WSA	Anne Arundel County	December 2017	C4
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**Total**

Expand WSAs in Maryland through the creation of a central hub of support for local WSAs	1. Create a plan for supporting the creation of new WSAs and supporting and standardizing new WSAs in Maryland. 2. Recruit funding and implement a central WSA Replication Hub in Maryland	Anne Arundel WSA		December 2016	C1, C3, C5
				December 2017	

