

Template 1. Phase 3 Watershed Implementation Plan (WIP) York County Planning and Progress Template

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Action #	Description	Performance Target(s)	Responsible Party(ies) and Partnerships	Geographic Location	Expected Timeline	Potential Implementation Challenges or Recommendations	Resources Available			Resources Needed				
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Priority Initiative 1: Programmatic Initiatives														
1.1	Potential formation of a Countywide Stormwater Authority	This effort could potentially establish an implementation and funding mechanism.	York County Commissioners	York County	2019 – created 2021 - active	SWA Implementation Plan to be presented to Co Commissioners in early 2019; challenge is educating and garnering support of municipalities/ public	Would provide technical support staff to implement water quality initiatives across the County	Authority Staff	Grant for developing Implementation Plan; Grant for mapping SW assets	NFWF/USACE	As determined by Implementation Plan	As determined by Implementation Plan	As determined by Implementation Plan	As determined by Implementation Plan
1.2	Implement County Comprehensive Plan policies and actions	Development directed to established growth areas; limited development and protection of natural resources in established rural areas	YCPC, municipalities, YCALPB, FNLT	York County	Ongoing	Educating municipalities, Updating local plans and ordinances, Growth areas not consistent with Census Urbanized Areas (MS4 Permit area is too limited)	Education, outreach	YCPC staff	All YCPC Division Budgets	County Commissioners /CDBG Grant	None	None	None	None
1.3	Establish funding/staff support to assist the Agricultural community to develop and implement plans and BMP's to meet the York County Bay goals	Accomplish Action items 2.15 through 2.33	YCPC, YCCD, Agricultural community	York County	2019 - 2025	No established statewide or county level system to track BMP reporting. Limited compliance activities by DEP. Lack of funding for staff to assist the ag community.		YCCD,USDA-NRCS, Private Consultants		State Planning Reimbursement Program, DEP and Dept Ag funds, federal funds to Districts. Local County funding for YCCD staff.	Experienced staff to assist ag operators to plan and implement BMPs; Staff to collect and report data.	YCCD	12 staff from all sources (9 technical staff and 3 supporting administrative and data collection/verification staff (Total: \$1.2 m per year)	DEP, Dept Ag, Ag community

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1.4	Establish a real-time stream monitoring program	Enough real-time monitors to obtain base data and be able to trend sediment and nutrients in 8 Act 167 watersheds	York County in partnership with YCCD, SRBC & USGS	York County	2023	Funding; Sustainability; Data storage and analysis	Technical experts	USGS/SRBC	In-Kind Services	York County	County Technical/Administrative Staff; Monitoring equipment; SRBC/USGS contracting	York County/USGS/SRBC	Funding for 2 staff persons; monitoring equipment; & SRBC/USGS contracts (\$5 million for 1 st five years)	York County/ grants/ Agency matching funds

Priority Initiative 2: Achieve Pollutant Reductions

2.1	Establish a set of BMPs that will achieve desired pollutant reductions in an efficient and cost effective manner (See BMP template)	Achieve required pollutant reductions	YCCD, YCPC, municipalities, DEP, EPA	York County	2025	“Sectors”/arbitrary boundaries within municipalities requiring differing/ competing regulations; lack of understanding of local issues by State/ Federal regulators AND vice versa; Permitting delays/protocol needs resolution; Need to implement programmatic changes in State template	Included under Action #1.1 on State template; Plus YCCD/ NRCS/private consultants for ag. technical assistance	Included under Action #1.1 on State template; Plus YCCD/ NRCS/ private consultants	Included under Action # 1.1 on State template	Included under Action #1.1 on State template	Included under Action #1.1 on State template; Plus more Ag. tech. staff funding for YCCD (3 staff)	Included under Action #1.1on State template; Plus DEP to fund additional YCCD staff	Included under Action #1.1 on State template; Plus additional \$250K annually for YCCD staff	DEP/Dept Ag/DCNR general funding
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2.2	Encourage and provide support to municipalities to incorporate green infrastructure (GI) and Low Impact Development (LID) into land use ordinances	GI and LID provisions included in municipal land use ordinances	Municipalities/ YCPC/DEP	Municipalities in York County	2023	Lack of credit for municipal ordinance GI provisions in Chesapeake Bay (CB) Model	Education; Local ordinance samples, model ordinances, and CWP tool	YCPC/ municipalities /CWP	Funds to amend local ordinances	Municipalities	Included under Action # 1.1 on State template	Included under Action # 1.1 on State template	Included under Action # 1.1 on State template (1 dedicated integrated planning staff at county level)	DEP/Dept Ag/DCNR general funding
2.3	Support local and County initiatives for pollutant reducing activities	Report project BMP data for inclusion in Bay model. Credit using method developed under Action # 1.2 on State template	Master Watershed Stewards, Watershed organizations	York County	2023	Education/training of volunteers; Outreach to municipalities; Use of planning tools, such as York County BMP Reporting Tool, to obtain BMP data	Education, outreach, training	YCPC/YCCD/ PSCE/MWSs/ municipalities /watershed organizations	General budgets	YCPC/YCCD/ PSCE/MWSs/ municipalities/ watershed organizations	Included under Action #1.1 on State template	Included under Action #1.1 on State template	Included under Action #1.1 on State template (1 dedicated integrated planning staff at county level)	DEP/Dept Ag/ DCNR general funding
2.4	Develop/advertise a Performance-based RFP seeking private bids to site, design, permit, install, operate, and maintain BMPs to reduce a specified amount of sediment to meet PRP goals and shortfall of WIP 3 nitrogen goals in the County.	Bid awarded and projects completed per RFP proposal	YCSWC, DEP/EPA, private consultant, landowners	York Countywide	2023	This concept has been used for MS4 Permit sediment reductions; Consider this option for meeting Nitrogen reductions for WIP 3 efforts; Highly desirable, as consultant analysis to maximize efficiency/profits would guarantee best projects	Private consultants/ YCCD staff/ YCSWC members/ DEP staff	DEP/YCC4CW/ YCCD	Current limited staff funding, potentially YCSWC PRP funds	DEP/ YCCD/ YCSWC	Private consulting team to site, design, build, maintain BMPs; administrative staff to manage RFP /contract/ payments; Grant staff, DEP support staff	Private consulting firms with BMP and performance based RFP experience; Admin and grants by YCSWC or SWA (if created)	Sufficient money for consultants to make a profit and incentivize landowners to participate; Less money needed if current MS4 PRP money could be used to meet countywide Nitrogen reduction	Diverted YCSWC PRP money and/or State funding

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2.5	Tree Planting - Canopy	4.25 acres	YCSWC municipalities/ landowners/ watershed organizations	Countywide	2023	Unanalyzed projects included in Regional PRP due to 9-month development deadline; MS4 PRP criteria mismatched with CB Model/WIP 3 goals; Continue to fund grant programs	State/County /Municipal/ private staff/pubic agencies/ watershed organizations	DEP/York County/ municipalities /private consultants/ Alliance for CB/ CBF/ MWSs	\$2M per year through 2023/grants	YCSWC, Growing Greener/ Tree Vitalize/CBF	Local and State technical staff to identify/ plan/ implement analyzed projects that most efficiently achieve goals	DEP/County	Sufficient money to staff and support State/local coordination to achieve State and local water quality goals	State funding
2.6	Bioswale	7.8 acres treated	YCSWC municipalities/ MWSs/ landowners	Countywide	2023	Unanalyzed projects included in Regional PRP due to 9-month development deadline; MS4 PRP criteria mismatched with CB Model/WIP 3 goals; Permitting delays; Continue to fund grant programs	Current State/County /Municipal/ private staff	DEP/York County/ municipalities /private consultants	\$2M per year through 2023/grants	YCSWC, Growing Greener/DEP/ HM/Exelon/ YCCF grants	Local and State technical staff to identify/ plan/ implement analyzed projects that most efficiently achieve goals	DEP/County	Sufficient money to staff and support State/local coordination to achieve State and local water quality goals	State funding

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2.7	Forest Buffer	98.2 acres	YCSWC municipalities/ landowners/ Watershed organizations/ MWSs/ Horn Farm Center	Countywide	2023	Unanalyzed projects included in Regional PRP due to 9-month development deadline; MS4 PRP criteria mismatched with CB Model/WIP 3 goals; Permitting delays; Continue to fund grant programs	Current State/County /Municipal/ public agencies/ private staff/ watershed organization s/ MWSs/ Horn Farm Center	DEP/York County/ municipalities /Chesapeake Conservancy/ CBF/Alliance for CB/ private consultants	\$2M per year through 2023/grants	YCSWC, Growing Greener/ CBF/DEP/ DCNR/ Exelon grants	Local and State technical staff to identify/plan/ implement analyzed projects that most efficiently achieve goals.	DEP/County	Sufficient money to staff and support State/local coordination to achieve State and local water quality goals	State funding
2.8	Wetland Restoration	6 acres restored	YCSWC municipalities/ landowners	Countywide	2023	Unanalyzed projects included in Regional PRP due to 9-month development deadline; MS4 PRP criteria mismatched with CB Model/WIP 3 goals; Permitting delays; Continue to fund grant programs	Current State/County /Municipal/ private staff	DEP/York County/ municipalities /private consultants	\$2M per year through 2023/grants	YCSWC, Growing Greener/ DEP/ DCNR/ Exelon grants	Local and State technical staff to identify/plan/ implement analyzed projects that most efficiently achieve goals.	DEP/County	Sufficient money to staff and support State/local coordination to achieve State and local water quality goals	State funding

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2.9	Infiltration Basin	32.4 acres	YCSWC municipalities/ landowners	Countywide	2023	Unanalyzed projects included in Regional PRP due to 9-month development deadline; MS4 PRP criteria mismatched with CB Model/WIP 3 goals; Permitting delays; Continue to fund grant programs	Current State/County /Municipal/ private staff	DEP/York County/ municipalities /private consultants	\$2M per year through 2023/grants	YCSWC, Growing Greener/DEP/ HM/YCCF grants	Local and State technical staff to identify/ plan/ implement analyzed projects that most efficiently achieve goals.	DEP/County	Sufficient money to staff and support State/local coordination to achieve State and local water quality goals	State funding
2.10	Bioretention/ Raingardens	39.5 acres treated	YCSWC/ municipalities/ MWSs/ landowners	Countywide	2023	Unanalyzed projects included in Regional PRP due to 9-month development deadline; MS4 PRP criteria mismatched with CB Model/WIP 3 goals; Permitting delays; Continue to fund grant programs	Current State/County /Municipal/ MWSs/ private staff/ volunteers	DEP/York County/PSCE/ municipalities /private consultants/ volunteers	\$2M per year through 2023/grants	YCSWC, Growing Greener/DEP/ HM/YCCF grants	Local and State technical staff to identify/ plan/ implement analyzed projects that most efficiently achieve goals	DEP/County	Sufficient money to staff and support State/local coordination to achieve State and local water quality goals	State funding

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2.11	Stormwater Performance Standard- Stormwater Treatment	216.48 acres treated	YCSWC municipalities/ landowners	Countywide	2023	Unanalyzed projects included in Regional PRP due to 9-month development deadline; MS4 PRP criteria mismatched with CB Model/WIP 3 goals; Permitting delays; Continue to fund grant programs	Current State/County /Municipal/private staff	DEP/York County/ Municipalities /private consultants	\$2M per year through 2023/grants	YCSWC, Growing Greener/ DEP/HM /YCCF grants	Local and State technical staff to identify/ plan/ implement analyzed projects that most efficiently achieve goals	DEP/County	Sufficient money to staff and support State/local coordination to achieve State and local water quality goals	State funding
2.12	Stormwater Performance Standard - Runoff Reduction	0.34 acres treated	YCSWC/ municipalities/ landowners	Countywide	2023	Unanalyzed projects included in Regional PRP due to 9-month development deadline; MS4 PRP criteria mismatched with CB Model/WIP 3 goals; Permitting delays; Continue to fund grant programs	Current State/County /Municipal/private staff	DEP/York County/ municipalities /private consultants	\$2M per year through 2023/grants	YCSWC, Growing Greener/YCCF grants	Local and State technical staff to identify/ plan/ implement analyzed projects that most efficiently achieve goals	DEP/County	Sufficient money to staff and support State/local coordination to achieve State and local water quality goals	State funding

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2.13	Urban Stream Restoration	56,688 linear feet restored	YCSWC/ municipalities/ landowners/ watershed organizations/ PennDOT	Countywide	2023	Unanalyzed projects included in Regional PRP due to 9-month development deadline; MS4 PRP criteria mismatched with CB Model/WIP 3 goals; Permitting delays; Need for watershed permit; willing landowners, Continue to fund grant programs	Current State/County /Municipal/ private staff	DEP/York County/ municipalities /private consultants	\$2M per year through 2023/grants	YCSWC, Growing Greener/DEP/ DCNR/ DCED/ YCCF/ Exelon grants	Local and State technical staff to identify/ plan/ implement analyzed projects that most efficiently achieve goals	DEP/County	Sufficient money to staff and support State/local coordination to achieve State and local water quality goals	State funding
2.14	Nutrient Management Plan (urban)	50,000 acres	State legislation	Statewide, regulated and unregulated urban areas	2025	Failure to pass legislation	None, Program does not currently exist	None, Program does not currently exist	None, Program does not currently exist	None, Program does not currently exist	State technical staff to develop guidance and requirements related to credits in CB Model	DEP	Sufficient money to staff and support State/local coordination to achieve State and local water quality goals	State funding
2.15	Land Retirement to Ag Open Space	1,500 acres retired	Landowners/ Operators, Federal/State/ local agencies, Private consultants	York County	2025	Lack of economic/ regulatory incentives; insufficient resources for data collection, design, implementation and verification	Federal/State/local agency trained staff, private company trained staff	Federal/State/local agencies, private companies	Federal/State/local agency grants/ programs, private grants. Ag Land Preservation Board and Farm/Natural Land Trust	Federal/ State/ local agencies, private entities	12 dedicated trained staff to educate, sell programs to farmers/ landowners, develop plans , and implement BMPs	Federal/State/local agencies. private consultants, conservation organizations	\$1.2M annually for dedicated staff (12 at \$100,000 each)	Federal, State, and local agency grants/ programs, customer

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2.16	Nutrient Management Core N	185,000 acres	Landowners/operators, Federal/State/local agencies, Private consultants, fertilizer suppliers	York County	2025	Lack of economic/regulatory incentives; insufficient resources for data collection, design, implementation and verification; need coordination with fertilizer reps; landowner participation	Federal/State/local agency trained staff, private company trained staff	Federal/State/local agencies, private companies	Federal/State/local agency grants/programs, private grants	Federal/State/local agencies, private entities	See Action #2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.32	Federal/State/local agencies	Included in \$1.2M annually for 12 dedicated staff from Action # 2.15	Federal, State, and local agency grants/programs, customer
2.17	Nutrient Management Core P	88,400 acres	Landowners/operators, Federal/State/local agencies, Private consultants, fertilizer suppliers	York County	2025	Lack of economic/regulatory incentives; insufficient resources for data collection, design, implementation, and verification; need coordination with fertilizer reps; landowner participation	Federal/State/local agency trained staff, private company trained staff	Federal/State/local agencies, private companies	Federal/State/local agency grants/programs, private grants	Federal/State/local agencies, private entities	See Action #2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.32	Federal/State/local agencies	Included in \$1.2M annually for 12 dedicated staff from Action # 2.15	Federal, State, and local agency grants/programs, customers
2.18	Nutrient Management N Rate	88,400 acres	Landowners/operators, Federal/State/local agencies, Private consultants, fertilizer suppliers	York County	2025	Lack of economic/regulatory incentives; insufficient resources for data collection, design, implementation and verification; need coordination with fertilizer reps; landowner participation	Federal/State/local agency trained staff, private company trained staff	Federal/State/local agencies, private companies	Federal/State/local agency grants/programs, private grants	Federal/State/local agencies, private entities	See Action #2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.32	Federal/State/local agencies	Included in \$1.2M annually for 12 dedicated staff from Action # 2.15	Federal, State, and local agency grants/programs, customers

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2.19	Nutrient Management N Timing	88,400 acres	Landowners/ operators, Federal/State/ local agencies, Private consultants, fertilizer suppliers	York County	2025	Lack of economic/ regulatory incentives; resources for data collection, design, implementation, and verification; coordination with fertilizer reps; landowner participation	Federal/ State/ local agency trained staff, private company trained staff	Federal/State /local agencies, private companies	Federal/State/ local agency grants/ programs, private grants	Federal/ State/ local agencies, private entities	See Action # 2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.32	Federal/State/local agencies	Included in \$1.2M annually for 12 dedicated staff from Action # 2.15	Federal, State, and local agency grants/ programs, customers
2.20	Tillage Management- High Residue	90,000 acres	Landowners/ operators, Federal/State/ local agencies, Private consultants	York County	2025	Lack of economic/ regulatory incentives; insufficient resources for data collection, design, implementation, and verification	Federal/ State /local agency trained staff, private company trained staff	Federal/State /local agencies, private companies	Federal/State/ local agency grants/ programs, private grants	Federal/ State/ local agencies, private entities	See Action # 2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.32	Federal/State/local agencies	Included in \$1.2M annually for 12 dedicated staff from Action # 2.15	Federal, State, and local agency grants/ programs, customers
2.21	Tillage Management- Conservation	35,000 acres	Landowners/ operators, Federal/State/ local agencies, Private consultants	York County	2025	Lack of economic/ regulatory incentives; insufficient resources for data collection, design, implementation, and verification	Federal/ State/ local agency trained staff, private company trained staff	Federal/State /local agencies, private companies	Federal/State/ local agency grants/ programs, private grants	Federal/ State/ local agencies, private entities	See Action # 2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.32	Federal/State/local agencies	Included in \$1.2M annually for 12 dedicated staff from Action # 2.15	Federal, State, and local agency grants/ programs, customers
2.22	Cover Crops Traditional	55,000 acres planted	Landowners/ operators, Federal/State/ local agencies, Private consultants	York County	2025	Lack of economic/ regulatory incentives; insufficient resources for data collection, design, implementation, and verification	Federal/ State/ local agency trained staff, private company trained staff	Federal/State /local agencies, private companies	Federal/State/ local agency grants/ programs, private grants	Federal/ State /local agencies, private entities	See Action # 2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.32	Federal/State/local agencies	Included in \$1.2M annually for 12 dedicated staff from Action # 2.15	Federal, State, and local agency grants/ programs, customers

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2.23	Animal Waste Management System	3,000 animal units	Landowners/operators, Federal/State/local agencies, Private consultants	York County	2025	Lack of economic/regulatory incentives; insufficient resources for data collection, design, implementation, and verification	Federal/State/local agency trained staff, private company trained staff	Federal/State/local agencies, private companies	Federal/State/local agency grants/programs, private grants	Federal/State/local agencies, private entities	See Action # 2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.32	Federal/State/local agencies	Included in \$1.2M annually for 12 dedicated staff from Action # 2.15	Federal, State, and local agency grants/programs, customers
2.24	Barnyard Runoff Control	70 acres	Landowners/operators, Federal/State/local agencies, Private consultants	York County	2025	Lack of economic/regulatory incentives; insufficient resources for data collection, design, implementation, and verification	Federal/State/local agency trained staff, private company trained staff	Federal/State/local agencies, private companies	Federal/State/local agency grants/programs, private grants	Federal/State/local agencies, private entities	See Action # 2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.32	Federal/State/local agencies	Included in \$1.2M annually for 12 dedicated staff from Action # 2.15	Federal, State, and local agency grants/programs, customers
2.25	Precision Intensive Rotational/Prescribed Grazing	16,000 acres	Landowners/operators, Federal/State/local agencies, Private consultants	York County	2025	Lack of economic/regulatory incentives; insufficient resources for data collection, design, implementation, and verification	Federal/State/local agency trained staff, private company trained staff	Federal/State/local agencies, private companies	Federal/State/local agency grants/programs, private grants	Federal/State/local agencies, private entities	See Action # 2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.32	Federal/State/local agencies	Included in \$1.2M annually for 12 dedicated staff from Action # 2.15	Federal, State, and local agency grants/programs, customers
2.26	Non Urban Stream Restoration	5,000 linear feet restored	Landowners/operators, Federal/State (DEP)/local agencies, Private consultants	York County	2025	Lack of economic/regulatory incentives; resources for data collection, design, implementation and verification; DEP permitting system delays/protocol needs resolution	Federal/State/local agency trained staff, private company trained staff	Federal/State/local agencies, private companies	Federal/State/local agency grants/programs, private grants	Federal/State/local agencies, private entities	See Action # 2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.32	Federal/State/local agencies	Included in \$1.2M annually for 12 dedicated staff from Action # 2.15	Federal, State, and local agency grants/programs, customers

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2.27	Grass Buffer (ag)	6,000 acres	Landowners/ operators, Federal/State/ local agencies, Private consultants	York County	2025	Lack of economic/ regulatory incentives; Insufficient resources for data collection, design, Implementation, and verification; Develop simpler variation of CREP program	Federal/ State/ local agency trained staff, private company trained staff	Federal/State /local agencies, private companies	Federal/State / local agency grants/ programs, private grants	Federal/ State/ local agencies, private entities	See Action # 2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.32	Federal/State/local agencies	Included in \$1.2M annually for 12 dedicated staff from Action # 2.15	Federal, State, and local agency grants/ programs, customers
2.28	Forest Buffer (ag)	6,000 acres	Landowners/ operators, Federal/State/ local agencies, Private consultants	York County	2025	Lack of economic/ regulatory incentives; Insufficient resources for data collection, design, implementation, and verification; Develop simpler variation of CREP program	Federal/ State /local agency trained staff, private company trained staff	Federal/State /local agencies, private companies	Federal/State/ local agency grants/ programs, private grants	Federal/ State/ local agencies, private entities	See Action # 2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.32	Federal/State/local agencies	Included in \$1.2M annually for 12 dedicated staff from Action # 2.15	Federal, State, and local agency grants/ programs, customers
2.29	Manure Incorporation	10,000 acres	Landowners/ operators, Federal/State/ local agencies, Private consultants	York County	2025	Lack of economic/ regulatory incentives; Insufficient resources for data collection, design, implementation, and verification	Federal/ State/ local agency trained staff, private company trained staff	Federal/State /local agencies, private companies	Federal/State/ local agency grants/ programs, private grants	Federal/ State/ local agencies, private entities	See Action # 2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.32	Federal/State/local agencies	Included in \$1.2M annually for 12 dedicated staff from Action # 2.15	Federal, State, and local agency grants/ programs, customers

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							Technical	Source	Financial	Source	Technical	Suggested Source	Financial	Suggested Source
2.30	Off Stream Watering without fencing	500 acres served	Landowners/ operators, Federal/State/ local agencies, Private consultants	York County	2025	Lack of economic/ regulatory incentives; insufficient resources for data collection, design, implementation, and verification	Federal/ State/ local agency trained staff, private company trained staff	Federal/State /local agencies, private companies	Federal/State/ local agency grants/ programs, private grants	Federal/ State/ local agencies, private entities	See Action # 2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.32	Federal/State/local agencies	Included in \$1.2M annually for 12 dedicated staff from Action # 2.15	Federal, State, and local agency grants/ programs, customers
2.31	Tree Planting	100 acres planted	Landowners/ operators, Federal/State/ local agencies, Private consultants	York County	2025	Lack of economic/ regulatory incentives; insufficient resources for data collection, design, implementation, and verification	Federal/ State/ local agency trained staff, private company trained staff	Federal/State /local agencies, private companies	Federal/State/ local agency grants/ programs, private grants	Federal/ State / local agencies, private entities	See Action # 2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.32	Federal/State/local agencies	Included in \$1.2M annually for 12 dedicated staff from Action # 2.15	Federal, State, and local agency grants/ programs, customers
2.32	Soil Conservation and Water Quality Plans	180,000 acres under conservation	Landowners/ operators, Federal/State/ local agencies, Private consultants	York County	2025	Lack of economic/ regulatory incentives; insufficient resources for data collection, design, implementation, and verification; lack of regulatory oversight and follow through	Federal/ State/ local agency trained staff, private company trained staff	Federal/State /local agencies, private companies	Federal/State/ local agency grants/ programs, private grants	Federal/ State/ local agencies, private entities	See Action # 2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.32	Federal/State/local agencies	Included in \$1.2M annually for 12 dedicated staff from Action # 2.15	Federal, State, and local agency grants/ programs, customers

Template 1. Phase 3 Watershed Implementation Plan (WIP) York County Planning and Progress Template

Green - action has been completed or is moving forward as planned **Yellow** - action has encountered minor obstacles **Red** - action has not been taken or has encountered a serious barrier

Action #	Description	Performance Target(s)	Responsible Party(ies) and Partnerships	Geographic Location	Expected Timeline	Potential Implementation Challenges or Recommendations	Resources Available				Resources Needed			
							Technical	Source	Financial	Source	Technical	Suggested Source	Financial	Suggested Source
2.33	Wetland Restoration – Floodplain (ag)	12 acres established	Landowners/ operators, Federal/State/ local agencies, Private consultants	York County	2025	Lack of economic/ regulatory incentives; insufficient resources for data collection, design, implementation, and verification; permitting delays/protocol needs resolution	Federal/ State/ local agency trained staff, private company trained staff	Federal/State /local agencies, private companies	Federal/State/ local agency grants/programs, private grants	Federal/ State/ local agencies, private entities	See Action # 2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.32	Federal/State/local agencies	Included in \$1.2M annually for 12 dedicated staff from Action # 2.15	Federal, State, and local agency grants/ programs, customers

Priority Initiative 3: York County Conservation District Clean Water/Healthy Watersheds Program

3.1	Erosion & Sediment Control Level 2	2,500 acres	YCCD	Countywide	2019-2025	DEP enforcement	4 staff	YCCD		DEP Del Agree & Permit Fees	Enforce-ment	DEP		
3.2	Dirt & Gravel Road (DGR) Erosion & Sediment Control- Driving Surface Aggregate + Raising the Roadbed [includes Low Volume Road (LVR) projects]	31,680 feet	YCCD	Countywide	2019-2025	Timely DEP GP-11 reviews	1 staff	YCCD	\$623,801/yr	State Conservation Commission DGR & LVR Programs			Double State Conservation Commission LVR annual allocation	State Conservation Commission
3.3	Dirt & Gravel Road Erosion & Sediment Control - Driving Surface Aggregate with Outlets (includes LVR projects)	168,960 feet	YCCD	Countywide	2019-2025	Timely DEP GP-11 reviews	Included under Action #3.2			Included under Action #3.2	Included under Action #3.2			
3.4	Dirt & Gravel Road Erosion & Sediment Control - Outlets only (includes LVR projects)	31,680 feet	YCCD	Countywide	2019-2025	Timely DEP GP-11 reviews	Included under Action #3.2			Included under Action #3.2	Included under Action #3.2			

Phase 3 Watershed Implementation Plan (WIP) Planning and Progress Template

Each county-based local area will use this template to identify:

1. Inputs – These are both existing and needed resources, public and private, to implement the identified priority initiative. These include both technical and financial resources, such as personnel, supplies, equipment and funding.
2. Process – what is each partner able to do where and by when. These are the action items listed under each priority initiative.
3. Outputs and outcomes – both short and long-term. These are the priority initiatives identified by each county. The performance targets are the intermediate indicators that will measure progress.
4. Implementation challenges – any potential issues or roadblocks to implementation that could impede outputs and outcomes

For each Priority Initiative or Program Element: Use the fields, as defined below, to identify the inputs and the process that will be followed to achieve each priority initiative. This is the “who, what, where, when and how” of the plan:

Description = What. This may include programs that address prevention, education, or as specific as planned BMP installations that will address the Priority Initiative. A programmatic or policy effort will require some ability to quantify the anticipated benefits which will allow calculation of the associated nutrient reductions.

Performance Target = How. This is an extension of the Description above. The Performance Target details the unique BMPs that will result from implementation of the Priority Initiative and serves as a benchmark to track progress in addressing the Priority Initiative. Performance Targets may be spread across multiple Responsible Parties, Geographies, and Timelines based on the specifics of the Initiative.

Responsible Party(ies) = Who. This is/are the key partner(s) who will implement the action items through outreach, assistance or funding, and who will be responsible for delivering the identified programs or practices.

Geographic Location = Where. This field identifies the geographic range of the planned implementation. This could extend to the entire county or down to a small watershed, based on the scale of the Priority Initiative, range of the Responsible Party, or planned funding/resources. *NOTE: Resource limitations alone should not limit potential implementation as additional funding may become available in the future.*

Expected Timeline = When. Provide the expected completion date for the planned activity. This should be a reasonable expectation, based on knowledge and experience, that will aid in tracking progress toward addressing the Priority Initiative.

Resources Available: Technical & Funding = This field will note technical and financial resources secured/available to implement the program (Description). This is the total of the resources identified in the County Resources Inventory Template below allocated to the priority initiative as a whole; or, if available, to each action.

Resources Needed: Technical & Funding = This field will note technical and financial resources needed/outstanding to implement the program (Description). This is the total of the additional resources projected and identified as needed in the County Resources Inventory Template below allocated to the priority initiative as a whole; or, if possible, to each action.

Potential Implementation Challenges/Issues = This field will note challenges and issues that may delay program implementation (Description)