

## 2025 Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – York County

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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 | Grant for developing Implementation Plan; Grant for mapping SW assets | As determined by Implementation Plan | As determined by Implementation Plan | 09/25: Update remains the same as previous years. If in “Beyond 2025” the WIP Annual Progress Update and Two-Year Milestone Report is extended or redesigned at all, likely this Priority Initiative will be eliminated, and emphasis will be placed on Action 1.4 being a direct result of this effort.                            | Revisit in the future. |
|     |  |  |                           |             |                              |  |  |   |                                      |                                      | 09/24: Update remains the same as previous years.   |                        |
|     |  |  |                           |             |                              |  |  |   |                                      |                                      | 08/23: No new update, see below for comments. Will consider removal or change of priority action if plan is extended or redesigned for beyond 2025 goal.  |                        |
|     |  |  |                           |             |                              |  |  |   |                                      |                                      | 08/22: No new update, not removing from CAP. The action states “potential s/w authority”. The study is complete and resulted in an assortment of recommendations of which one was implemented by the County Commissioners that resulted in a logical and sound scientific step toward improved watershed management in York County. |                        |
|     |  |  |                           |             |                              |  |  |   |                                      |                                      | 09/21: No new update.   |                        |

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|                                    |  |  |   |                     |                   |   |  |                  |  |  |
| 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 | YCPG, 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<br>All YCPG Division Budgets | None<br>None     | 12/20: Stormwater Authority Implementation Plan was presented to the County Commissioners; Opted to not form an Authority at this time; Other Plan recommendations, the WQMG and additional staffing for YCCD and YCPG, are being implemented as interim measures.<br><br>09/25: Implementation of the OS/GW Plan component has resulted in preserving an average of 3,275 acres of land/year since 2020 (Benchmark is 2,500 ac/yr)<br><br>09/24: No new update.<br><br>08/23: No new update.<br><br>08/22: No new update.<br><br>09/21: No new update.<br><br>12/20: YCPG continues to implement the County Comprehensive Plan through review of municipal plans, land use ordinances, subdivision/ land development plans, permits, and grant applications; a new County Open Space & Land Preservation Committee was created to further protect ag and natural lands (YCALPB & FNLT reps serve on the | Continue to Implement County Comprehensive Plan                                |

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| 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 2.39 | YCPG, 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. | Experienced staff to assist ag operators to plan and implement BMPs; Staff to collect and report data. | 12 staff from all sources (9 technical staff and 3 supporting administrative and data collection/verification staff (Total: \$1.2 m per year) | 09/25: Update remains largely the same as last year. Alliance for the Chesapeake Bay has become a newer key player in Ag outreach particularly when it comes to plain sect.<br><br>09/24: YCCD, NRCS, and FNLT continue to be leaders in County for Ag BMP implementation with support, when appropriate and necessary, from YCPG and WAY.<br><br>08/23: YCCD is receiving ample funding for Ag BMP's and support through the | Committee) The County Comprehensive Plan includes an Integrated Water Resources Plan (IWRP) component. Thus, through the review processes noted, the YCPG makes recommendations related to water quality that result in more BMPs being put on the ground that will reduce sediment and nutrients. The CAP is not only a tool to meet WIP 3 targets but is also a tool to meet countywide water quality goals set for in the County Comprehensive Plan. Ag Conservation Plans are an integral part of land preservation easements and implementation of the Plans is continually monitored. Thus, preserving additional land through the YCALPB and FNLT will help to reach our CAP target. |

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|   |             |                       |   |                     |                   |  | Technical           | Financial        | Technical   | Financial  |
|   |             |                       |   |                     |                   |  |                     |                  | ACAP funding program. WAY started "WAY's Watershed Forestry Program" this year, which is a buffer reimbursement program that allows for buffers on Ag land. | 08/22: An Engineer for the York County Conservation District was hired in June 2021. Ag positions have been filled with funding being allocated to York County Conservation District Ag staff. Ag engagement has increased over the past year. The Ag Field Day hosted by YCPC, and funded by the York County Community Foundation, was a success. This is the first Ag event initiative that YCPC has planned and hosted. The CWQE was a partner in the planning of the event and assisted with the organization of the vouchers that were given out to farmers/landowners in the concentrated outreach area – Barshinger Run in the Codorus watershed. We started presenting at and being involved in more Ag related events. In years past we have both only been surface involved with some local Ag groups such as providing updates here and there to the Farm Bureau and Ag Land Preserve. This year we spoke at two Soil Heath Luncheons on the importance of riparian forest buffers and explained the resources that |

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|   |             |                       |   |                     |                   |  | Technical           | Financial        | Technical   | Financial  |
|   |             |                       |   |                     |                   |  |                     |                  | <p>we have for assistance in this area. Outreach around the CEG funding was also amped up this year. The reCAP Newsletter strived to include Ag information and resources throughout the year. The Ag Committee within WAY is still finding not only its purpose but also Ag experienced people to be volunteers.</p> <p>09/21: The York County Community Foundation's Ag and Codorus Endowment Committees awarded YCPC funding for a 2-year Ag Outreach and BMP Implementation Pilot Program in a concentrated area of the Codorus Watershed. Part of the funding is for a part-time Ag Outreach Coordinator. YCPC contracted with Land Logics Group in August to provide this service. It is our hope that this pilot project will be successful and provide a model to replicate in other watersheds. Also, YCCD has filled their Licensed Engineer position and funding from York County, and the CAP Agreement has been allocated to two Ag staff positions.</p> <p>12/20: As of October 2020, YCCD has filled two of three new positions for technical staff through funding allocated by the County Commissioners. Two</p> |  |

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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   | In-Kind Services | County Technical/ Administrative Staff; Monitoring equipment; SRBC/USGS contracting | Funding for 2 staff persons; monitoring equipment; & SRBC/USGS contracts (\$5 million for 1 <sup>st</sup> five years) | <p>positions are funded through the CAP agreement, the third is coming from the Open Space Preservation funding. YCCD is still looking to fill a position for a licensed engineer. The job posting is live. The other 9 positions remain unfunded. These positions do not need to be only at YCCD, other avenues could be taken.</p> <p>09/25: York's real-time water quality monitoring is being discussed more publicly now that the USGS York County WQM dashboard is live: <a href="https://rconnect.usgs.gov/york-qw/">https://rconnect.usgs.gov/york-qw/</a> York County hopes to become a pilot for watershed management using the data from our real time water quality monitors. Meetings and discussions around York's WQM program continue.</p> <p>09/24: New agreement between York County and USGS has been implemented through 2028. A public facing dashboard is under development to be released in 2025 that will showcase findings from York County and USGS's monitoring efforts.</p> <p>08/23: No new update. The WQ Monitoring agreement between York County and USGS remains in place.</p> |

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|   |             |                       |   |                     |                   |  | Technical           | Financial        | Technical  | Financial  |
|   |             |                       |   |                     |                   |  |                     |                  | 08/22: No new update. The WQ Monitoring agreement between York County and USGS remains in place.   |  |
|   |             |                       |   |                     |                   |  |                     |                  | 09/21: No new update. The WQ Monitoring agreement between York County and USGS remains in place.   |  |
|   |             |                       |   |                     |                   |  |                     |                  | 12/20: The County implemented a real-time monitoring program in 2019 through a funding agreement with USGS. The six monitors that are installed throughout the County monitor about 90% of the flow leaving York County and are collecting continuous data to measure nitrogen, phosphorus, and sediment; Data collected is analyzed & posted on the USGS website. County is seeking funding to offset its annual cost for operations/maintenance. |  |

### 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 | 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 | Included under Action #1.1 on State template, Plus more Ag Tech staff funding for YCCD ( 3 staff) | Included under Action #1.1 on State template; Plus additional \$250K annually for YCCD staff | 09/25: It’s clear after the release of the CESR report that BMP implementation, and reaching goals set by EPA/DEP, are likely not possible. According to the CESR report, the actual effectiveness of many BMP’s is unclear with regard to whether they are impacting pollution reduction, or if they are good for the environment/ ecosystem (stream restoration). York’s water quality monitoring program data | The BMP’s listed in this CAP will continue to be the focus BMP’s. |
|-----|---|---------------------------------------|--------------------------------------|-------------|------|--|---|---|---|--|--|---|

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|   |             |                       |   |                     |                   |   | Technical           | Financial        | Technical  | Financial  |
|   |             |                       |   |                     |                   | vice versa;<br>Permitting delays/protocol needs resolution;<br>Need to implement programmatic changes in State template |                     |                  | does not match the Bay Model, which leads us to believe there are better, more scientific ways to manage our watersheds. York wishes to investigate these potentially better ways through science and research with USGS.<br><br>09/24: No new update.<br><br>08/23: No new update. There is still no way to achieve 100% reduction goals without recommended state programmatic changes. Moreover, in a report released by the STAC Committee in May 2023, titled "Achieving Water Quality Goals in the Chesapeake Bay: A Comprehensive Evaluation of System Response," it is mentioned several times that BMP effectiveness and ability to achieve is unknown. On page 21 the report says <i>"Estimates of achieving TMDL targets generally assume that expected pollutant responses to BMP implementation are accurate. Given the complexity and uncertainties of reduction pollutant loads across a watershed, this will rarely be the case. A critical technical and policy question to address is the extent to which nonpoint source policy and management actions are as effective as expected. Emerging evidence suggests that nonpoint source management</i> |  |

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|   |             |                       |   |                     |                   |  |                     |                  | <p><i>actions have had mixed success in reducing nutrient and sediment loads and that response gaps may exist between expected and observed pollutant reductions.” This May report puts into question, is any of this achievable even with state programmatic changes? It further solidified why we feel real-time water quality monitoring, and being a pilot for watershed management, is critical.</i></p> <p>08/22: No new update. There is still no way to achieve 100% of reduction goals without recommended state programmatic changes.</p> <p>09/21: York County feels as if we have established the best set of BMP's that can be implemented, tracked, reported, and managed in any degree by YCPC or YCCD. We did not include BMP's in this list that are totally out of the “control” of these agencies. Furthermore, it's important to note that, although many BMP's “fell out of the model,” it resulted from lack of verification. This does not mean that our progress went backwards, but rather means that BMP verification needs to be properly addressed. Last year we were told our set of BMP's run through the CAST 2017 model could</p> |  |

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|   |             |                       |   |                     |                   |  | Technical           | Financial        | Technical   | Financial  |
|   |             |                       |   |                     |                   |  |                     |                  | <p>potentially reach 76% of our County goal. Now, the same set of BMP's run through the CAST 2019 model will potentially reach 79% of our County goal. That is progress.</p> <p>We continue to feel that implementation of the recommended State Programmatic Changes is vital to achieving the nitrogen reduction target.</p> <p>12/20: These BMP's were established in the York County CAP and are Action numbers 2.5 – 3.18. The extent of these BMP's was a stretch goal and as such will reduce 76% of the County's allocation.</p> <p>Furthermore, the CAP stresses that these BMP's will not be achieved without implementation of the Programmatic Changes recommended.</p> <p>Aside from this understanding, the Revenue Building Action Team spent April – July of 2020 developing a "funding map" spreadsheet which lists all CAP Actions, identifies a potential funding source, and takes into account the total poundage of nitrogen reduction per Action as well as price. This will be tool that will be able to help York County to determine which BMP's to focus on,</p> |  |

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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 | Funds to amend local ordinances | Included under Action # 1.1 on State template | Included under Action # 1.1 on State template (1 dedicated integrated planning staff at county level) | will be able to illustrate funding needs, and inform the CAP Action Teams and YCC4CW. The funding map looked at prioritizing by cost and also by nutrient reduction. To date the mapping tool has been used to identify potential funding source when assisting with willing landowners who have reached out – 2 times. The full benefit of the funding map is still to be realized. This exercise will continue to develop in the years to come to complete this Action. |  |

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|   |             |                       |   |                     |                   |  |                     |                  | <p>2023. DEP was gracious enough to allow York County – through WAY – to use 2023 CAP funding to implement the riparian buffers we had planned with the INSR. “The WAY Watershed Forestry Program” is reimbursing landowners – of all kinds including municipalities - \$6,000/acre of riparian forest buffer plantings. York County also continues to take advantage of every opportunity to speak to local municipalities about the abundance of opportunities available.</p> <p>08/22: New to previous years' update is that partnerships have been formed to acquire a grant from the Chesapeake Bay Trust to work with the CWQE on hosting HOA workshops around GI and LID. The recently obtained NFWF INSR grant has heavy components on GI and LID. The NFWF INSR will start in 2023 and will be implemented until 2025.</p> <p>09/21: No new update.</p> <p>12/20: 28 municipalities are under the MS4 Permit which mandates this Action to be done. Plus, the County has an Act 167 Plan that required municipalities to adopt an ordinance that manages stormwater on site of development. MCM5BMP2 of the MS4 permit requires</p> |  |

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|   |  |  |  |                     |                   |   |                               |                  |  |  |   |   |
| 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 | General budgets  | Included under Action #1.1 on State template | Included under Action #1.1 on State template (1 dedicated integrated planning staff at county level) | 09/25: WAY has hired an Executive Director, which has led to more capacity for supporting County water quality initiatives.<br><br>09/24: No new update. Partnerships continue to be forged in meaningful ways. The Watershed Alliance of York (WAY) remains the key partner in CAP implementation.<br><br>08/23: Local groups and initiatives working together for pollutant reducing activities continues to grow. All organizations are tuned in with each other and continue to find new ways to partner with each other. | Continue to build relationships with partners, implement projects, and continue agency programs. This is the future plan for all Actions. |

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|   |             |                       |   |                     |                   |  |                     |                  | Completed BMPs continue to be reported through MS4 Annual Reports, Practice Keeper, and FieldDoc.   |  |
|   |             |                       |   |                     |                   |  |                     |                  | Funding outside of DEP CAP funds continues to be secured.   |  |
|   |             |                       |   |                     |                   |  |                     |                  | 08/22: Previously mentioned programs, particularly the Riparian Rangers, have been expanded over the past year. Grants obtained in 2022 will be supporting local and county initiatives for pollutant reducing activities.  |  |
|   |             |                       |   |                     |                   |  |                     |                  | 09/21: A CAP Project tracker was initiated this year after many suggestions from DEP. It is an attempt to track planned, in-progress, and implemented BMPs throughout the County. It's also a tool being used to track potential projects we find along the way. Support was found with the Project Implementation Committee. |  |
|   |             |                       |   |                     |                   |  |                     |                  | Completed BMPs continue to be reported through MS4 Annual Reports, Practice Keeper, and FieldDoc.   |  |
|   |             |                       |   |                     |                   |  |                     |                  | The Project Implementation Committee created a Watershed Forestry subcommittee, which formed a Riparian Rangers group in partnership with   |  |

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| Action #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description | Performance Target(s) | Responsible Party(ies) and Partnerships | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations | Resources Available | Resources Needed | Annual Progress to Date (2020 through 2024)  | Reason for Change to Action Item And Future Plans (2022-2023 milestone period) |
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|   |             |                       |   |                     |                   |  | Technical           | Financial        | Technical  | Financial  |
|   |             |                       |   |                     |                   |  |                     |                  | Alliance for the Chesapeake Bay. The Riparian Rangers will be taking care of the O&M for buffer and lawn conversion projects across the County. To date, there are 21 Riparian Rangers. This program was implemented without any funding and is being supported by WAY, YCCD, and the MWS's.<br><br>The Data Management Committee created an Unreported BMP Template for unreported BMP data collection. It has been tested with FieldDoc. This template, available in paper and as an online fillable form, will be used to gather data on the unreported BMP's and enter it into FieldDoc. A BMP Guide was also developed to accompany the reporting template.<br><br>Support towards initiatives for pollutant reducing activities include the continuation of our partnerships with the York County Storm Water Consortium, Penn State Extension Master Watershed Stewards, York County Conservation District, Lower Susquehanna River Keeper Association, and Alliance for the Chesapeake Bay.<br><br>The grant that YCP received from NFWF's SWG PTA program for development of a messaging campaign |  |

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|   |             |                       |   |                     |                   |  | Technical           | Financial        | Technical  | Financial  |
|   |             |                       |   |                     |                   |  |                     |                  | <p>and messaging materials is nearly finished. We have seen great success with this grant. We rebranded and merged York County Coalition for Clean Waters with Watershed Alliance of York. Our volunteer base has expanded, our online presence has increased, meeting attendance has increased, and many people have started to notice and talk about WAY. We also have folks interested in filling the five vacant Board seats. September 2021 is when the full rebranding, with all of our materials, photoshoots, and videos will be fully released. The grant will conclude in December 2021.</p> <p>12/20: The Project Implementation Action Team, with the leadership of the Coordinator of the Master Watershed Stewards Program, have begun investigative reportable BMP's. Activities are happening now; buffers, rain gardens. Unreported BMP's need to be reported to received credit.</p> <p>Support towards initiatives for pollutant reducing activities include; Continuation of the MWS Program in York County through COVID-19 pandemic, this group is responsible for implementation of several projects. York County Storm</p> |  |

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|   |             |                       |   |                     |                   |  | Technical           | Financial        | Technical   | Financial  |
|   |             |                       |   |                     |                   |  |                     |                  | <p>Water Consortium (YCSWC) is another group implementing projects. York County Economic Alliance (YCEA) for the Codorus Beautification project. Tree plantings, education and informing land owners – which will all help to eventually reduce nutrients.</p> <p>The Watershed Alliance of York, with board members including YCPC, MWS, YCCD, planned and executed Watershed Week 2020 nearly completely virtually. Due to the nature of the event, many educational and outreach initiatives were taken.</p> <p>YCPC applied for the NFWF SWG and was awarded \$50,000 that will be used for messaging the CAP, which will help with education and outreach and help to continue to propel this Action in 2021. None of the CAP aspect is common knowledge. There needs to be education and outreach, to make landowners aware and lead them to the correct resources to implement practices</p> <p>Completed BMPs are being reported through MS4 Annual Reports, Practice Keeper, and FieldDoc.</p> |  |

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|   |  |  |   |                     |  |   | <b>Technical</b>   | <b>Financial</b>  | <b>Technical</b>  | <b>Financial</b>   |
| 2.4   | Bid awarded and projects completed per RFP proposal<br><br>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. | 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 | Current limited staff funding, potentially YCSWC PRP funds | Private consulting team to site, design, build, maintain BMPs; administrative staff to manage RFP /contract/ payments; Grant staff, DEP support staff | 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 | 09/25: No new update. The PRP component of the current MS4 Permits, which is being implemented through the YCSWC, must be met by the end of December 2025. The YCSWC agreement is being amended to extend the termination deadline to 12/2030 and will continue as a regional intergovernmental MS4 group while patiently waiting to learn the details of the next MS4 permit.<br><br>09/24: No new update. YCSWC is on track to exceed PRP sediment reduction goals thus assisting in the reduction of nutrients from our waterways, thus further assisting DEP with their reduction goals.<br><br>08/23: No new update. Implemented BMPs continue to be beneficial to meeting both MS4 and CAP goals.<br><br>08/22: The YCSWC continues to implement projects that will assist in reaching the PRP goals.<br><br>09/21: Through the Performance Contract with ARRC, two stream restoration projects were completed in 2021 that resulted in TSS reduction of 1,922,850 lbs/yr and N reduction of 1,655 lbs/yr. Additional reductions are |

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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/public agencies/watershed organizations | \$2M per year through 2023/grants | Local and State technical staff to identify/plan/implement analyzed projects that most efficiently achieve goals | Sufficient money to staff and support State/local coordination to achieve State and local water quality goals | anticipated following PCSM. These projects satisfy approx. 50% of the contract.<br><br>12/20: The YCSWC entered into a performance-based contract with ARRC in 2020 to reduce 4 million pounds of sediment and make significant strides toward meeting the Regional CBPRP 10% reduction requirement; will also help to meet CAP nitrogen reduction goal. The Performance Based RFP will reduce 1,283 lbs of Nitrogen. |

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|   |             |                       |   |                     |                   |  | Technical           | Financial        | Technical  | Financial  |
|   |             |                       |   |                     |                   |  |                     |                  | <p>09/24: Tree plantings continue to be a focused BMP in York. Many partner programs are implementing new plantings. The WAY Watershed Forestry Program implemented 67.14 acres in Fall 2023, Spring 2024.</p> <p>08/23: Tree planting opportunities continue to be abundant. Through the Chesapeake Bay Foundation's Keystone 10 Million Tree Program, WAY ordered over 20,000 trees. With DEP support and CAP funding, WAY began implementing their "Watershed Forestry Program" – a riparian forest buffer reimbursement program – and to date have implemented more than 30 acres.</p> <p>08/22: In 2022 WAY became Keystone 10 Million Trees partners which led to many different tree planting opportunities and projects in the pipeline. See FieldDoc.</p> <p>09/21: Metric not found in FieldDoc. York Water Company planted 600 trees (=2 acres) at Reservoir Park resulting in 1lb of nitrogen reduction.</p> <p>12/20: Through projects implemented through the Penn State MWS Program in cooperation with West Manchester</p> |  |

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|   |             |                       |   |                     |                   |   | Technical                                      | Financial                         | Technical  | Financial   |   |   |
|   |             |                       |   |                     |                   |   |  |                                   |  |   |   |   |
| 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 | \$2M per year through 2023/grants | Local and State technical staff to identify/ plan/ implement analyzed projects that most efficiently achieve goals | Sufficient money to staff and support State/local coordination to achieve State and local water quality goals | Township, nearly this entire goal was completed in year 1.<br><br>Financial support for these efforts typically are coming from DCNR or through our Alliance for the Chesapeake Bay partners on the Project Implementation Action Team. Other funding sources include municipalities and landowners. This project will be reported through the MS4 Annual Report. | 09/25: No new update.<br><br>09/24: No new update.<br><br>08/23: Raingardens, bioretention, bioswales, and infiltration basins remain popular and desired projects for homeowners/associations and businesses, as well as municipalities.<br><br>08/22: Raingardens, bioretention, bioswales, and infiltration basins remain popular and desired projects for homeowners/associations and businesses. Grants secured in 2022 will focus on the implementation of educational tracts to make resources and implementation more accessible. See FieldDoc and MS4 reporting provided by YCSWC. |

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|   |               |                       |  |                     |                   |   | Technical   | Financial                         | Technical   | Financial   |  |
|   |               |                       |  |                     |                   |   |   |                                   |   |   |  |
| 2.7   | Forest Buffer | 98.2 acres            | YCSWC municipalities/landowners/Watershed organizations/MWSs/ Horn Farm Center/WAY/ YCCD | 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 organizations/MWSs/ Horn Farm Center | \$2M per year through 2023/grants | Local and State technical staff to identify/plan/ implement analyzed projects that most efficiently achieve goals | Sufficient money to staff and support State/local coordination to achieve State and local water quality goals | 09/21: No new update.<br><br>12/20: Two Regional CBPRP bioswale projects were completed that together treated 35.2 acres, which exceeds the goal for this practice; NFWF, GG, & YCSWC monies helped to fund these projects; they were reported through the MS4 Annual Report. Additional bioswale projects are planned through implementation of the Regional CBPRP. Also, bioswale projects could happen during routine development under NPDES permit. |

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|   |             |                       |   |                     |                   |  | Technical           | Financial        | Technical  | Financial  |
|   |             |                       |   |                     |                   |  |                     |                  | 08/23: Tree planting opportunities continue to be abundant.<br><br>08/22: In 2022 WAY became Keystone 10 Million Trees partners which has led to many different tree planting opportunities and projects in the pipeline. Many grants obtained in 2022 have buffer implementation components. See FieldDoc.<br><br>09/21: FieldDoc has this metric as a total of 165 acres whereas York lists this metric in this report as 118.2 acres. FieldDoc is reporting 7% progress or 12.00/165.00 acres.<br><br>Since noted in 2020, Alliance for the Chesapeake Bay received a NFWF SWG to develop and pilot a conservation incentive program that will accelerate the establishment of riparian forest buffers by agricultural producers in the southern part of the Codorus Watershed in York County, as well as in Cecil and Harford counties in Maryland.<br><br>12/20: Two Regional CBPRP forest buffer projects (4.8 acres) are currently being initiated and expected to be completed later in 2020 or early 2021. Funding is through DCNR and municipalities. They |  |

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|   |                     |                       |   |                     |                   |   | Technical                                    | Financial                         | Technical   | Financial  |   |
|   |                     |                       |   |                     |                   |   |  |                                   |   |  |   |
| 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 | Current State/County/Municipal/private staff | \$2M per year through 2023/grants | Local and State technical staff to identify/plan/ | Sufficient money to staff and support State/local coordination to achieve      | 09/25: Wetland work continues to be incorporated with stream/floodplain restoration projects. See examples of this captured in stream restoration action updates. |

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|   |                    |                       |   |                     |                   |   | Technical                                    | Financial                         | Technical   | Financial  |
| 2.9   |                    |                       |   |                     |                   | criteria mismatched with CB Model/WIP 3 goals; Permitting delays; Continue to fund grant programs |  |                                   | implement analyzed projects that most efficiently achieve goals | State and local water quality goals  |
| 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         | Current State/County/Municipal/private staff | \$2M per year through 2023/grants | Local and State technical staff to identify/plan/               | Sufficient money to staff and support State/local coordination to achieve      |

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|   |             |                       |   |                     |                   |   |                     |                  |   |  |
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|   |                          |                       |   |                     |                   |   |  |                                   |   |   |  |
| 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 | \$2M per year through 2023/grants | Local and State technical staff to identify/plan/analyze projects that most efficiently achieve goals | Sufficient money to staff and support State/local coordination to achieve State and local water quality goals | 09/25: No new update. Raingardens, bioretention, bioswales, and infiltration basins remain popular and desired projects for homeowners/associations and businesses, as well as municipalities.<br><br>09/24: No new update.<br><br>08/23: Raingardens, bioretention, bioswales, and infiltration basins remain popular and desired projects for homeowners/associations and businesses, as well as municipalities.<br>WAY developed “11 WAY’s to Embrace Sustainable Landscaping” which highlights bioretention/raingardens.<br><br>08/22: Raingardens, bioretention, bioswales, and infiltration basins remain popular and desired projects for homeowners/associations and |

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|   |             |                       |   |                     |                   |  |                     |                  | <p>businesses. Grants secured in 2022 will focus on the implementation of educational tracts to make resources and implementation more accessible. See FieldDoc and MS4 reporting provided by YCSWC.</p> <p>09/21: CAP dollars funded a raingarden planting in Fairview Township. See YCSWC reporting and MS4 reporting for more details.</p> <p>12/20: Through the Regional CBPRP, 1 Bioretention BMP treating 12.8 acres was completed with funding assistance through NFWF &amp; YCSWC; it was reported through the MS4 Annual Report. 2 projects that will together treat 33.8 acres are underway and another project scheduled for 2021 will treat 25.1 acres. Additionally, Municipal stormwater ordinances require projects less than 1 acre to manage stormwater on site. This Action is popular for such projects and typically an effort completed by the MWS and/or homeowners. This is a task that our Data Management and Project Implementation action teams are working out the best way to collect this data</p> |  |

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|   |  |                       |   |                     |                   |   | <b>Technical</b>                             | <b>Financial</b>                  | <b>Technical</b>  | <b>Financial</b>  |   |
| 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 | \$2M per year through 2023/grants | Local and State technical staff to identify/plan/ implement analyzed projects that most efficiently achieve goals | Sufficient money to staff and support State/local coordination to achieve State and local water quality goals | <p>09/25: See YCSWC and MS4 reporting for more details.</p> <p>09/24: See YCSWC reporting, MS4 reporting, and FieldDoc for more details.</p> <p>08/23: See YCSWC reporting, MS4 reporting, and FieldDoc for more details.</p> <p>08/22: See YCSWC reporting, MS4 reporting, and FieldDoc for more details.</p> <p>09/21: No new update. FieldDoc reports this metric as 53.00/326.00. York's report has 216.48 acres. See YCSWC reporting and MS4 reporting for more details.</p> <p>12/20: Through the Regional CBPRP, a filter strip with soil amendments &amp; conservation landscaping will treat 5 acres. This project is currently under design &amp; funded through a GG Grant. Upon completion, this project will be reported through the MS4 Annual Report.</p> <p>Additional progress towards this Action is being completed through municipal ordinance requirements. See FieldDoc for numerical details of such projects.</p> |

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|---|--|-----------------------------|---|---------------------|-------------------|---|--|-----------------------------------|---|---|---|
|   |  |                             |   |                     |                   |   | Technical                                    | Financial                         | Technical   | Financial   |   |
| 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 | \$2M per year through 2023/grants | Local and State technical staff to identify/plan/ implement analyzed projects that most efficiently achieve goals | Sufficient money to staff and support State/local coordination to achieve State and local water quality goals | 09/25: See YCSWC and MS4 reporting for more details.<br><br>09/24: No new update.<br><br>08/23: No new update.<br><br>08/22: See YCSWC reporting, MS4 reporting, and FieldDoc for more details.<br><br>09/21: No new update. Metric is not accounted for in FieldDoc or listed as a metric at all.<br><br>12/20: The YCCD worked with Wrightsville Borough to develop the County's first green street project. The Limekiln Alley improvement in the Borough is a 670 foot green street project. This design is capable of handling up to 5 inches of rain per hour, with the first inch being absorbed in the ground & the rest being filtered through a black sheet, then through 18 inches of stone and a perforated pipe, before going into the stormwater drain. Pervious brick pavers, as well as concrete wheel pads for vehicles completed the project. See FieldDoc for numeric details. |
| 2.13  | Urban Stream Restoration                           | 56,688 linear feet restored | YCSWC/municipalities/landowners/        | Countywide          | 2023              | Unanalyzed projects included in Regional PRP  | Current State/County/                        | \$2M per year through 2023/grants | Local and State technical   | Sufficient money to staff and support   | 09/25: CAP funding continues to be used for stream restoration projects. WAY seeks alternative funding sources for  |

## 2025 Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – York County

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| Action #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description | Performance Target(s)            | Responsible Party(ies) and Partnerships | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations  | Resources Available      | Resources Needed | Annual Progress to Date (2020 through 2024)  | Reason for Change to Action Item And Future Plans (2022-2023 milestone period) |   |
|---|-------------|----------------------------------|---|---------------------|-------------------|---|--------------------------|------------------|--|--|---|
|   |             |                                  |   |                     |                   |   |                          |                  |  |  |   |
|   |             | watershed organizations/ PennDOT |   |                     |                   | 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 | Municipal/ private staff |                  | staff to identify/ plan/ implement analyzed projects that most efficiently achieve goals | State/local coordination to achieve State and local water quality goals        | stream restoration projects. YCSWC also funds stream restoration projects. Partners across the County seek funding for stream restoration projects. A few projects were completed in 2025 with 2024 CAP funds. 1) The York Township Queenswood UNT Mill Creek Floodplain Restoration Project which restored 900 linear feet of stream, reconnection to the floodplain, and restoration/ expansion of an existing wetland. 2) The Watershed Alliance of York Hagerich Gunpowder Creek (Bee Tree Run) Stream Restoration Project restored 400 linear feet of stream and planted 0.25 acres of riparian forest buffer in New Freedom Borough. 3) The Watershed Alliance of York Einstein Little Conewago Creek Stream Restoration Project restored 500 linear feet of stream and planted 1 acre of riparian forest buffer in West Manchester Township. 4) The Watershed Alliance of York Desai Codorus Creek Restoration Project restored 150 linear feet of stream in Spring Garden Township. Planned to be completed in 2026 with 2025 CAP funds is the Hanover Borough UNT to Slagle Run Floodplain Restoration project that proposes 2.78 acres of floodplain restoration and 1,630 linear feet of stream restoration. |

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|   |             |                       |   |                     |                   |  | Technical           | Financial        | Technical   | Financial  |
|   |             |                       |   |                     |                   |  |                     |                  | <p>09/24: CAP funding continues to be used to fund stream restoration projects. York partners such as YCCD and WAY continue to seek outside funding to implement more projects.</p> <p>08/23: CAP funding continues to be used to fund stream restoration projects. In 2023, our largest one is the Bald Eagle project in Fawn Grove Borough. See FieldDoc and CAP reimbursement/monthly project tracker for more information.</p> <p>08/22: CAP funded stream restoration projects that have been completed in 2021-2022 are Barshinger Creek Stream Restoration and Pine Run Stream Restoration. Three more are planned for the 2022 CAP funding. See FieldDoc and CAP reimbursement for more information.</p> <p>09/21: No new update. FieldDoc is reporting 3,705.00/63,688.00 or 6% complete.</p> <p>12/20: Through the Regional CBPRP, 4,643 LF of urban stream restoration was completed with funding assistance from NFWF, GG, Local SW BMP Grant &amp; YCSWC. These projects were reported</p> |  |

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|---|-------------|-----------------------|---|---------------------|-------------------|--|---------------------|------------------|--|--|
|   |             |                       |   |                     |                   |  | Technical           | Financial        | Technical  | Financial  |
|   |             |                       |   |                     |                   |  |                     |                  | through MS4 Annual Reports. An additional 20,643 LF, of stream restoration is either underway or scheduled, which includes the 2 projects awarded York County CAP BMP Implementation funds & scheduled, per the funding agreement, to be completed before 6/30/2021 as follows:<br><br>Hallam Borough – Beaver Street Stream/Swale Restoration includes 800LF of stream restoration and 125LF of swale restoration on an unnamed tributary to Kreutz Creek. Due to an unexpected delay with issuance of the USACE permit and construction restrictions due to the stream being classified as a wild trout stream, project bidding for construction was postponed to December 2020, with award to be made in February 2021.<br><br>Penn Township – Center Street Stream Restoration includes 500LF of stream restoration on Oil Creek. Construction is underway & expected to be completed by the end of 2020.<br><br>See FieldDoc for non-CBPRP numerical details. |  |

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|---|----------------------------------|-----------------------|---|--|-------------------|--|--|--|---|---|---|
|   |                                  |                       |   |  |                   |  | Technical                              | Financial                              | Technical   | Financial   |   |
| 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 | State technical staff to develop guidance and requirements related to credits in CB Model | Sufficient money to staff and support State/local coordination to achieve State and local water quality goals | 09/25: No new update.<br>09/24: No new update.<br>08/23: No new update.<br>08/22: The turf fertilizer legislation (SB 251 which became Act 83) was signed into law. The law establishes composition of turf fertilizers, rates of application and practices during application; of which all applications of fertilizer to turf must comply. This is essentially a "Plan" for all York County turf acres and the number of acres now under urban nutrient plans far exceed the performance target of this initiative. York County municipalities are prohibited under this law (Act 83) to establish ordinances requiring "plans" and/or requirements more restrictive than Act 83. The Department solicited for the enactment of this law in order to reduce the nutrients getting into PA waters thereby getting credit for State Chesapeake Bay allocation reductions. York County turf acreage falls into this category and this acreage now has come under "urban nutrient plan" implementation. When the program is fully up and running and the industry and regulated community start following the |

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|---|----------------------------------|-----------------------|---|---------------------|-------------------|--|--|--|--|--|---|
|   |                                  |                       |   |                     |                   |  | Technical  | Financial  | Technical  | Financial  |   |
|   |                                  |                       |   |                     |                   |  |  |  |  |  |   |
| 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 agency grants/ programs, private grants; Also Ag Land Preservation Board and Farm/Natural Lands Trust | 12 dedicated trained staff to educate, sell programs to farmers/ landowners, develop plans, and implement BMPs | \$1.2M annually for dedicated staff (12 at \$100,000 each)                     | <p>process progress will occur. It will be extremely difficult to determine how many acres will be treated, reported, etc.</p> <p>09/21: No new update. Status remains the same as 2020.</p> <p>12/20: Achievement of this depends either on volunteer homeowner action and/or legislative action. Currently unregulated.</p> |

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|---|----------------------------|-----------------------|---|---------------------|-------------------|--|---|----------------------------|---|--|--|
|   |                            |                       |   |                     |                   |  | Technical                                   | Financial                  | Technical   | Financial  |  |
|   |                            |                       |   |                     |                   |  |   |                            | 08/22: Updates remain the same. Ag preservation tactics remain the same through Ag Land Preservation, Farms and Natural Lands Trust, and Open Space Program. See FieldDoc/Practicekeeper for numerical details. |  |  |
| 2.16  | Nutrient Management Core N | 185,000 acres         | Landowners/operators, Federal/State/    | York County         | 2025              | Lack of economic/regulatory incentives;                | Federal/State / local agency trained staff, | Federal/State/local agency | See Action #2.15 for needs to   | Included in \$1.2M annually for  | 09/25: YCCD remains the County lead on implementing Ag projects with funding |

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|---|-------------|-----------------------|---|---------------------|-------------------|--|-------------------------------|----------------------------------|---|--|--|
|   |             |                       |   |                     |                   |  |                               |                                  |   |  |  |
|   |             |                       | local agencies, Private consultants, fertilizer suppliers |                     |                   | insufficient resources for data collection, design, implementation and verification; need coordination with fertilizer reps; landowner participation | private company trained staff | grants/ programs, private grants | implement Ag BMP Action #'s 2.15 thru 2.39  | 12 dedicated staff from Action # 2.15<br><br>they're receiving through the State ACAP program and other initiatives.<br><br>09/24: No new update.<br><br>08/23: Update remains the same as last year. York County partners continue to take advantage of attending Ag focused events where nutrient management education, along with many other ag practices, is a focal point. This update applies to Action 2.16 through 2.32. There is also ample funding coming to the Conservation District, and to YCPC via CAP dollars, for these types of projects.<br><br>08/22: Several "Ag Field Days" occurred in 2022 where attendees could hear from an array of speakers and vendors such as: 4R Alliance, Agri-King, Horizon Farm Credit, Alliance for the Bay, Atlantic Tractor, CWQE, NRCS, Chesapeake Bay Foundation, Pasa Sustainable Agriculture, PA Soil Health Coalition, The Mill, Willard Agri-Service, WAY, YCALPB, YCCD, and more. Presentations were given by industry professionals and farmers alike on topics such as nutrient management and no-till practices. All events were well received and several project leads were made. For numerical |  |

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|---|----------------------------|-----------------------|---|---------------------|-------------------|---|---|--|--|--|--|
|   |                            |                       |   |                     |                   |   | Technical   | Financial  | Technical  | Financial  |  |
|   |                            |                       |   |                     |                   |   |   |  |  |  |  |
| 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; | Federal/State/local agency trained staff, private company trained staff | Federal/State/local agency grants/programs, private grants | See Action #2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.33 | Included in \$1.2M annually for 12 dedicated staff from Action # 2.15          | 09/25: YCCD remains the County lead on implementing Ag projects with funding they're receiving through the State ACAP program and other initiatives.<br><br>09/24: See update for Action 2.16.<br><br>08/23: See update for Action 2.16. |

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|---|--------------------------|-----------------------|---|---------------------|-------------------|--|---|--|---|--|
|   |                          |                       |   |                     |                   | need coordination with fertilizer reps; landowner participation  | Technical   | Financial  | Technical   | Financial  |
| 2.18  | Nutrient Management 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; | Federal /State/ local agency trained staff, private company trained staff | Federal/State/local agency grants/programs, private grants | See Action #2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.33  | Included in \$1.2M annually for 12 dedicated staff from Action # 2.15          |
|   |                          |                       |   |                     |                   |  |   |  | 08/22: See update for Action 2.16.<br><br>09/21: No new update. FieldDoc is reporting 3,319/88,400 or 4%. See PracticeKeeper for details.<br><br>12/20: See FieldDoc for numerical details. Looking at forming partnership with 4R Alliance as this is a big opportunity for York County nutrient reduction. 4R Alliance is in progress of outreaching to and educating farmers. Plans are captured through Practice Keeper and through NRCS system. There is no known other mechanism for reporting Plans. Potential funding for this Action includes: state nutrient management act program, manure management plans, CD funding, landowners, agencies, NRCS. |  |

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|---|------------------------------|-----------------------|---|---------------------|-------------------|--|---|--|--|--|---|
|   |                              |                       |   |                     |                   | landowner participation  | Technical   | Financial  | Technical  | Financial  |   |
| 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; 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 agency grants/programs, private grants | See Action #2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.33 | Included in \$1.2M annually for 12 dedicated staff from Action # 2.15          | 09/21: No new update. FieldDoc is reporting 1,164/88,400 or 1%. See PracticeKeeper for details.<br><br>12/20: See FieldDoc for numerical details.<br>Looking at forming partnership with 4R Alliance as this is a big opportunity for York County nutrient reduction. 4R Alliance is in progress of outreaching to and educating farmers. Potential funding for this Action includes: state nutrient management act program, manure management plans, CD funding, landowners, agencies, NRCS. |

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|---|---------------------------------|-----------------------|---|---------------------|-------------------|--|--|---|--|--|--|
|   |                                 |                       |   |                     |                   |  | Technical  | Financial   | Technical  | Financial  |  |
|   |                                 |                       |   |                     |                   |  |  |   |  |  |  |
| 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 agency grants/programs, private grants | See Action #2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.33 | Included in \$1.2M annually for 12 dedicated staff from Action # 2.15          | <p>opportunity for York County nutrient reduction. 4R Alliance is in progress of outreaching to and educating farmers. Potential funding for this Action includes: state nutrient management act program, manure management plans, CD funding, landowners, agencies, NRCS.</p> <p>09/25: YCCD remains the County lead on implementing Ag projects with funding they're receiving through the State ACAP program and other initiatives. Tillage with high residue has become more popular throughout the County over no-till. Cover crops have increased due to available funding opportunities.</p> <p>09/24: See update for Action 2.16.</p> <p>08/23: See update for Action 2.16.</p> <p>08/22: See update for Action 2.16.</p> <p>09/21: No new update. FieldDoc is reporting 45,372.00/90,000.00 or 50%. See PracticeKeeper for details.</p> <p>12/20: See FieldDoc for numerical details. Potential funding for this Action includes the state nutrient management act program, manure management plans, CD (open space program and</p> |

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|---|---------------------------------|-----------------------|---|---------------------|-------------------|--|---|--|--|--|---|
|   |                                 |                       |   |                     |                   |  | Technical   | Financial  | Technical  | Financial  |   |
|   |                                 |                       |   |                     |                   |  |   |  |  |  |   |
| 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 agency grants/programs, private grants | See Action #2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.33 | Included in \$1.2M annually for 12 dedicated staff from Action # 2.15          | 09/25: YCCD remains the County lead on implementing Ag projects with funding they're receiving through the State ACAP program and other initiatives. Tillage with high residue has become more popular throughout the County over no-till. Cover crops have increased due to available funding opportunities.<br><br>09/24: See update for Action 2.16.<br><br>08/23: See update for Action 2.16.<br><br>08/22: See update for Action 2.16.<br><br>09/21: No new update. FieldDoc is reporting 57,382.00/35,000.00 or 164% See PracticeKeeper for details.<br><br>12/20: The goal for this Action has been exceeded in year 1. See FieldDoc for numerical details. Potential funding for this Action includes the state nutrient management act program, manure management plans, CD (open space program and county funding), landowners, agencies, NRCS. |
| 2.22  | Cover Crops Traditional         | 55,000 acres planted  | Landowners/operators, Federal/State/                                    | York County         | 2025              | Lack of economic/regulatory incentives;  | Federal/State/ local agency   | Federal/State/ local agency                                | See Action #2.15 for needs to  | Included in \$1.2M annually for  | 09/25: YCCD remains the County lead on implementing Ag projects with funding they're receiving through the State ACAP   |

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|---|--------------------------------|-----------------------|---|---------------------|-------------------|---|---|---|---|--|
|   |                                |                       |   |                     |                   |   | Technical   | Financial                                     | Technical   | Financial  |
|   |                                |                       | local agencies, Private consultants                                     |                     |                   | insufficient resources for data collection, design, implementation, and verification        | trained staff, private company trained staff        | grants/ programs, private grants              | implement Ag BMP Action #'s 2.15 thru 2.39                | 12 dedicated staff from Action # 2.15  |
| 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, | Federal/ State/ local agency trained staff, private | Federal/Stat e/local agency grants/ programs, | See Action #2.15 for needs to implement Ag BMP Action #'s | Included in \$1.2M annually for 12 dedicated staff from Action # 2.15          |

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|---|-------------------------|-----------------------|---|---------------------|-------------------|--|--|--|--|--|
|   |                         |                       |   |                     |                   |  | Technical  | Financial  | Technical  | Financial  |
|   |                         |                       |   |                     |                   | implementation, and verification   | company trained staff  | private grants   | 2.15 thru 2.39   |  |
| 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/Stat e/local agency grants/ programs, private grants | See Action #2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.39 | Included in \$1.2M annually for 12 dedicated staff from Action # 2.15          |

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|---|--|----------------------------|--|---------------------|-------------------|---|---|--|--|---|--|
|   |  |                            |  |                     |                   |   | Technical   | Financial  | Technical  | Financial   |  |
|   |  |                            |  |                     |                   |   |   |  |  |   |  |
|   |  |                            |  |                     |                   |   |   |  |  | Potential funding for this Action includes: conservation plans, CEG, EQUIP, REAP, RCPP, PENNVEST, EXELON. |  |
| 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/Stat e/local agency grants/ programs, private grants | See Action #2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.39 | Included in \$1.2M annually for 12 dedicated staff from Action # 2.15                                     | 09/25: YCCD remains the County lead on implementing Ag projects with funding they're receiving through the State ACAP program and other initiatives..<br><br>09/24: See update for Action 2.16.<br><br>08/23: See update for Action 2.16.<br><br>08/22: See update for Action 2.16.<br><br>09/21: No new update. FieldDoc is reporting 1,142.00/16,000.00 or 7% See PracticeKeeper for details.<br><br>12/20: See FieldDoc for numerical details. Potential funding for the Action includes: conservation plans (pasture management practices come from plans), Capital RC+D, same as above. |
| 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 | Federal/ State/ local agency trained staff, private company trained staff | Federal/Stat e/local agency grants/ programs, private grants | See Action #2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.39 | Included in \$1.2M annually for 12 dedicated staff from Action # 2.15                                     | 09/25: YCCD remains the County lead on implementing Ag projects with funding they're receiving through the State ACAP program and other initiatives. CAP funding continues to be used for stream restoration projects. WAY seeks alternative funding sources for stream restoration projects. YCSWC funds stream restoration projects. Partners  |

## 2025 Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – York County

**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 #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description | Performance Target(s) | Responsible Party(ies) and Partnerships | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations | Resources Available | Resources Needed | Annual Progress to Date (2020 through 2024)   | Reason for Change to Action Item And Future Plans (2022-2023 milestone period) |
|---|-------------|-----------------------|---|---------------------|-------------------|--|---------------------|------------------|---|--|
|   |             |                       |   |                     |                   |  | Technical           | Financial        | Technical   | Financial  |
|   |             |                       |   |                     |                   | delays/protocol needs resolution                       |                     |                  | across the County seek funding for stream restoration projects. With 2025 CAP funds, two projects were constructed. 1) The York County Rail Trail Authority Oil Creek Wetlands Restoration Site A Phase 2 project includes 2,211 linear feet of stream restoration, 5 acres of wetland restoration. 2) The Watershed Alliance of York Lake Lehman UNT to West Branch Codorus Creek Stream Restoration project, which also included 2024 CAP funds, includes the restoration of approximately 4,300-LF of existing eroding stream channel, 10 acres of floodplain and 7 acres of historical floodplain wetlands. Phase 1 was completed in 2025 with phases 2 and 3 on the horizon to be constructed. |  |

## 2025 Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – York County

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| Action #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description       | Performance Target(s) | Responsible Party(ies) and Partnerships             | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations | Resources Available                        | Resources Needed                    | Annual Progress to Date (2020 through 2024) | Reason for Change to Action Item And Future Plans (2022-2023 milestone period) |  |
|---|-------------------|-----------------------|---|---------------------|-------------------|--|--|-------------------------------------|---|--|--|
|   |                   |                       |   |                     |                   |  | Technical                                  | Financial                           | Technical                                   | Financial  |  |
|   |                   |                       |   |                     |                   |  |  |                                     |   |  |  |
| 2.27  | Grass Buffer (Ag) | 6,000 acres           | Landowners/operators, Federal/State/local agencies, | York County         | 2025              | Lack of economic/regulatory incentives; Insufficient   | Federal/State/ local agency trained staff; | Federal/State/ local agency grants/ | See Action #2.15 for needs to implement     | Included in \$1.2M annually for 12 dedicated                                   | 09/25: YCCD remains the County lead on implementing Ag projects with funding they're receiving through the State ACAP program and other initiatives. |

## 2025 Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – York County

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| Action #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description        | Performance Target(s) | Responsible Party(ies) and Partnerships                                 | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations  | Resources Available  | Resources Needed   | Annual Progress to Date (2020 through 2024)                              | Reason for Change to Action Item And Future Plans (2022-2023 milestone period) |
|---|--------------------|-----------------------|---|---------------------|-------------------|---|--|--|--|--|
|   |                    |                       |   |                     |                   |   | Technical  | Financial  | Technical  | Financial  |
|   |                    |                       | Private consultants   |                     |                   | resources for data collection, design, implementation, and verification; Develop simpler variation of CREP program  | private company trained staff  | programs, private grants                                     | Ag BMP Action #'s 2.15 thru 2.39   | staff from Action # 2.15   |
| 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 agency grants/ programs, private grants | See Action #2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.39 | Included in \$1.2M annually for 12 dedicated staff from Action # 2.15          |

## 2025 Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – York County

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| Action #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description          | Performance Target(s) | Responsible Party(ies) and Partnerships                                 | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations   | Resources Available  | Resources Needed   | Annual Progress to Date (2020 through 2024)                              | Reason for Change to Action Item And Future Plans (2022-2023 milestone period) |   |
|---|----------------------|-----------------------|---|---------------------|-------------------|--|--|--|--|--|---|
|   |                      |                       |   |                     |                   |  | Technical  | Financial  | Technical  | Financial  |   |
|   |                      |                       |   |                     |                   |  |  |  |  |  |   |
| 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 agency grants/ programs, private grants | See Action #2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.39 | Included in \$1.2M annually for 12 dedicated staff from Action # 2.15          | 12/20: See FieldDoc for numerical details. Potential funding and implementation of this Action include: CEG, EQUIP, REAP, PENNVEST, EXELON, DCNR, Buffer My Stream, CBF, Alliance for Bay, Game Commission, MWS Program.<br><br>09/25: YCCD remains the County lead on implementing Ag projects with funding they're receiving through the State ACAP program and other initiatives.<br><br>09/24: See update for Action 2.16.<br><br>08/23: See update for Action 2.16.<br><br>08/22: No new update. See PracticeKeeper for details.<br><br>09/21: No new update. See PracticeKeeper for details.<br><br>12/20: A system for collecting this information is unknown. Reporting of manure incorporation happens through manure and nutrient management plans, utilizing Practice Keeper to report Manure Incorporation is sufficient but it is important to note that nothing from those plans are specific about how the manure is worked in. The law does not |

## 2025 Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – York County

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| Action #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description                         | Performance Target(s) | Responsible Party(ies) and Partnerships                                 | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations   | Resources Available  | Resources Needed   | Annual Progress to Date (2020 through 2024)                              | Reason for Change to Action Item And Future Plans (2022-2023 milestone period) |   |
|---|-------------------------------------|-----------------------|---|---------------------|-------------------|--|--|--|--|--|---|
|   |                                     |                       |   |                     |                   |  | Technical  | Financial  | Technical  | Financial  |   |
|   |                                     |                       |   |                     |                   |  |  |  |  |  |   |
|   |                                     |                       |   |                     |                   |  |  |  |  |  |   |
|   |                                     |                       |   |                     |                   |  |  |  |  |  |   |
| 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 agency grants/ programs, private grants | See Action #2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.39 | Included in \$1.2M annually for 12 dedicated staff from Action # 2.15          | say that it needs to be tilled in. There is no specific way to account for acres of manure incorporated. Potential funding and implementation for this Action includes conservation plans, nutrient plans, nutrient management programs     |
| 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,                                  | Federal/State/ local agency trained staff; private                       | Federal/State/ local agency grants/ programs,                | See Action #2.15 for needs to implement Ag BMP Action #'s                | Included in \$1.2M annually for 12 dedicated staff from Action # 2.15          | 09/25: WAY acted as a staging district for the CBF Keystone 10 Million Trees Program's last 2 seasons which resulted in the distribution of more than 10,000 free trees of which many were planted in York County. WAY contracted with YCPC |

## 2025 Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – York County

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| Action #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description | Performance Target(s) | Responsible Party(ies) and Partnerships | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations | Resources Available   | Resources Needed | Annual Progress to Date (2020 through 2024) | Reason for Change to Action Item And Future Plans (2022-2023 milestone period)   |
|---|-------------|-----------------------|---|---------------------|-------------------|--|-----------------------|------------------|---|--|
|   |             |                       |   |                     |                   |  |                       |                  |   |  |
|   |             |                       |   |                     |                   | implementation, and verification                       | company trained staff | private grants   | 2.15 thru 2.39                              | <p>to implement an additional 25 acres of Riparian Forest Buffer by October 2025.</p> <p>08/24: No new update.</p> <p>08/23: Tree planting opportunities continue to be plentiful. WAY and other partners such as DCNR and Alliance for the Chesapeake Bay all have focused tree planting funds.</p> <p>08/22: York County is a Keystone 10 Million Trees program partner. Through this effort, many tree plantings and riparian forest buffers have been planted. This program will go through 2025 and York County plans on continuing the partnership for the life of the program. See FieldDoc/PracticeKeeper for numerical details.</p> <p>09/21: No new update. See PracticeKeeper for details.</p> <p>12/20: Financial support for these efforts typically are coming from DCNR or through our Alliance for the Chesapeake Bay partners on the Project Implementation Action Team. Other funding sources include municipalities and landowners.</p> |

## 2025 Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – York County

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| Action #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description                               | Performance Target(s)            | Responsible Party(ies) and Partnerships                                 | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations  | Resources Available   | Resources Needed   | Annual Progress to Date (2020 through 2024)                              | Reason for Change to Action Item And Future Plans (2022-2023 milestone period) |   |
|---|---|----------------------------------|---|---------------------|-------------------|---|---|--|--|--|---|
|   |   |                                  |   |                     |                   |   |   |  |  |  |   |
| 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 agency grants/programs, private grants | See Action #2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.39 | Included in \$1.2M annually for 12 dedicated staff from Action # 2.15          | 09/25: YCCD remains the County lead on implementing Ag projects with funding they're receiving through the State ACAP program and other initiatives.<br><br>09/24: See update for Action 2.16.<br><br>08/23: See update for Action 2.16.<br><br>08/22: See update for Action 2.16.<br><br>09/21: No new update. FieldDoc is reporting 26,379.00/180,000.00 or 15%. See PracticeKeeper for details.<br><br>12/20: See FieldDoc for numerical details. Other partners include the Farm Bureau, MWS, etc. The actionable outcomes are the BMP is implemented and reported through PracticeKeeper. Ag plans are reported through Practice Keeper. Plans are documented through funding sources (YCCD, NRCS, DEP reimbursement) or Land Preservation programs. Potential funding and implementation for this Action include funding for getting plans written, CEG, cost share money for farmers to pay for consultants, county funding, nutrient management program, Ag reimbursement program, REAP |

## 2025 Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – York County

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| Action #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description                           | Performance Target(s) | Responsible Party(ies) and Partnerships                                 | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations  | Resources Available  | Resources Needed   | Annual Progress to Date (2020 through 2024)                              | Reason for Change to Action Item And Future Plans (2022-2023 milestone period) |   |
|---|---------------------------------------|-----------------------|---|---------------------|-------------------|---|--|--|--|--|---|
|   |                                       |                       |   |                     |                   |   |  |  |  |  |   |
| 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; lack of regulatory oversight and follow through | Federal/State/ local agency trained staff, private company trained staff | Federal/State/ local agency grants/ programs, private grants | See Action #2.15 for needs to implement Ag BMP Action #'s 2.15 thru 2.39 | Included in \$1.2M annually for 12 dedicated staff from Action # 2.15          | 09/25: YCCD remains the County lead on implementing Ag projects with funding they're receiving through the State ACAP program and other initiatives.<br><br>09/24: 2 of the 2024 CAP funded projects have floodplain components. The York County Rail Trail Authority's Oil Creek Floodplain Restoration Site A Phase 1 project restored 1,300 LF of stream, restore 5 acres of wetlands, and included 500LF of floodplain grading. The York Township Queenswood UNT Mill Creek Floodplain Restoration project will restore 900 LF of stream, reconnection to the floodplain, and restoration/expansion of an existing wetland.<br><br>08/23: No new update.<br><br>08/22: A SRBC Consumptive Use grant was acquired for York County in 2022 that includes Ag wetland work. See FieldDoc/PracticeKeeper for numerical details.<br><br>09/21: No new update. See PracticeKeeper for details.<br><br>12/20: Potential funding and implementation for this Action include: |

2025 Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – York County

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| Action #<br>Green<br>Yellow<br>Red | Description  | Performance Target(s) | Responsible Party(ies) and Partnerships | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations | Resources Available | Resources Needed | Annual Progress to Date (2020 through 2024)                | Reason for Change to Action Item And Future Plans (2022-2023 milestone period)                                      |
|------------------------------------|--|-----------------------|---|---------------------|-------------------|--|---------------------|------------------|--|---|
|                                    |  |                       |   |                     |                   |  | Technical           | Financial        | Technical  | Financial   |
|                                    |  |                       |   |                     |                   |  |                     |                  |  |   |
| 2.34                               | Erosion & Sediment Control Level 2   | 2,500 acres           | YCCD                                    | Countywide          | 2019-2025         | DEP enforcement  | 4 staff             |                  | Enforcement  | CREP, EQUIP, wetland reserve program, CEG, Growing Greener, EXELON, 319, consultants and mitigation projects, NRCS. |
| 2.35                               | Dirt & Gravel Road (DGR) Erosion & Sediment Control- Driving Surface Aggregate + Raising the Roadbed [includes Low | 31,680 feet           | YCCD                                    | Countywide          | 2019-2025         | Timely DEP GP-11 reviews                               | 1 staff             | \$623,801/yr     | Double State Conservation Commission LVR annual allocation | Priority Initiative 3 was eliminated, and Action was moved to Priority Initiative 2 and renumbered                  |

## 2025 Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – York County

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| Action #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description  | Performance Target(s) | Responsible Party(ies) and Partnerships | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations | Resources Available         | Resources Needed | Annual Progress to Date (2020 through 2024)   | Reason for Change to Action Item And Future Plans (2022-2023 milestone period)                     |
|---|--|-----------------------|---|---------------------|-------------------|--|-----------------------------|------------------|---|--|
|   |  |                       |   |                     |                   |  | Technical                   | Financial        | Technical   | Financial  |
|   | Volume Road (LVR) projects]  |                       |   |                     |                   |  |                             |                  | 08/22: Program progress continues. No new update. See FieldDoc/PracticeKeeper for numerical details.<br><br>09/21: No new update. See PracticeKeeper for details.<br><br>12/20: See FieldDoc for numerical details.<br><br>See SCC GIS numbers. The District has already committed the 2020-21 DGR and LVR funding allocations toward projects to be completed next year.                             | and renumbered   |
| 2.36  | 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 #2.35 |                  | Included under Action #2.35<br><br>09/25: Program progress continues. No new update.<br><br>09/24: Program progress continues. No new update.<br><br>08/23: No new update.<br><br>08/22: Program progress continues. No new update. See FieldDoc/PracticeKeeper for numerical details.<br><br>09/21: No new update. See PracticeKeeper for details.<br><br>12/20: See FieldDoc for numerical details. | Priority Initiative 3 was eliminated, and Action was moved to Priority Initiative 2 and renumbered |

2025 Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – York County

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| Action #<br>Green<br>Yellow<br>Red | Description  | Performance Target(s) | Responsible Party(ies) and Partnerships | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations | Resources Available         | Resources Needed | Annual Progress to Date (2020 through 2024) | Reason for Change to Action Item And Future Plans (2022-2023 milestone period)  |   |   |
|------------------------------------|--|-----------------------|---|---------------------|-------------------|--|-----------------------------|------------------|---|---|---|---|
|                                    |  |                       |   |                     |                   |  | Technical                   | Financial        | Technical                                   | Financial   |   |   |
|                                    |  |                       |   |                     |                   |  |                             |                  |   |   |   |   |
| 2.37                               | 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 #2.35 |                  | Included under Action #2.35                 | <p>See SCC GIS numbers. The District has already committed the 2020-21 DGR and LVR funding allocations toward projects to be completed next year.</p> <p>09/25: Program progress continues. No new update.</p> <p>09/24: Program progress continues. No new update.</p> <p>08/23: No new update.</p> <p>08/22: Program progress continues. No new update. See FieldDoc/PracticeKeeper for numerical details.</p> <p>09/21: No new update. See PracticeKeeper for details.</p> <p>12/20: See FieldDoc for numerical details.</p> <p>See SCC GIS numbers. The District has already committed the 2020-21 DGR and LVR funding allocations toward projects to be completed next year.</p> | Priority Initiative 3 was eliminated and Action was moved to Priority Initiative 2 and renumbered   |   |
| 2.38                               | Forest Buffer  | 20 acres              | YCCD                                    | Countywide          | 2019-2025         | Dedicated education & outreach staff                   | 0.5 staff                   | \$225,000/yr     | 0.5 staff                                   | \$25,000/yr   | 09/25: WAY acted as a staging district for the CBF Keystone 10 Million Trees Program's last 2 seasons which resulted in the distribution of more than 10,000 free trees of which many were planted in York County. WAY contracted with YCPC | Priority Initiative 3 was eliminated and Action was moved |

## 2025 Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – York County

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|---|-------------|-----------------------|---|---------------------|-------------------|--|---------------------|------------------|--|--|
|   |             |                       |   |                     |                   |  | Technical           | Financial        | Technical  | Financial  |
|   |             |                       |   |                     |                   |  |                     |                  | <p>to implement an additional 25 acres of Riparian Forest Buffer by October 2025.</p> <p>09/24: Tree planting opportunities continue to be plentiful. WAY and other partners such as DCNR and Alliance for the Chesapeake Bay all have focused tree planting funds. WAY continues to be a vital partner in York to assist with implementing forest buffers.</p> <p>08/23: Tree planting opportunities continue to be plentiful. WAY and other partners such as DCNR and Alliance for the Chesapeake Bay all have focused tree planting funds.</p> <p>08/22: York County is a Keystone 10 Million Trees program partner. Through this effort, many tree plantings and riparian forest buffers have been planted. This program will go through 2025 and York County plans on continuing the partnership for the life of the program. See FieldDoc/PracticeKeeper for numerical details.</p> <p>09/21: No new update. See PracticeKeeper for details.</p> <p>12/20: See FieldDoc for numerical details.</p> | <p>to Priority Initiative 2 and renumbered</p>                                 |

## 2025 Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – York County

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| Action #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description                                     | Performance Target(s) | Responsible Party(ies) and Partnerships | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations | Resources Available         | Resources Needed            | Annual Progress to Date (2020 through 2024) | Reason for Change to Action Item And Future Plans (2022-2023 milestone period) |  |
|---|---|-----------------------|---|---------------------|-------------------|--|-----------------------------|-----------------------------|---|--|--|
|   |   |                       |   |                     |                   |  | Technical                   | Financial                   | Technical                                   | Financial  |  |
|   |   |                       |   |                     |                   |  |                             |                             |   |  |  |
| 2.39  | Forest Buffer-Streamside with Exclusion Fencing | 2.5 acres             | YCCD                                    | Countywide          | 2019-2025         | Dedicated education & outreach staff                   | Included under Action #2.38 | Included under Action #2.38 | Included under Action #2.38                 | Included under Action #2.38  | See PracticeKeeper.<br><br>09/25: WAY acted as a staging district for the CBF Keystone 10 Million Trees Program's last 2 seasons which resulted in the distribution of more than 10,000 free trees of which many were planted in York County. WAY contracted with YCPC to implement an additional 25 acres of Riparian Forest Buffer by October 2025.<br><br>09/24: Tree planting opportunities continue to be plentiful. WAY and other partners such as DCNR and Alliance for the Chesapeake Bay all have focused tree planting funds. WAY continues to be a vital partner in York to assist with implementing forest buffers.<br><br>08/23: Tree planting opportunities continue to be plentiful. WAY and other partners such as DCNR and Alliance for the Chesapeake Bay all have focused tree planting funds.<br><br>08/22: York County is a Keystone 10 Million Trees program partner. Through this effort, many tree plantings and riparian forest buffers have been planted. This program will go through 2025 and York County plans on continuing the partnership for the life of the program. See FieldDoc/ |

## 2025 Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – York County

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| Action #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description                                      | Performance Target(s) | Responsible Party(ies) and Partnerships | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations | Resources Available         | Resources Needed            | Annual Progress to Date (2020 through 2024) | Reason for Change to Action Item And Future Plans (2022-2023 milestone period) |   |   |
|---|--|-----------------------|---|---------------------|-------------------|--|-----------------------------|-----------------------------|---|--|---|---|
|   |  |                       |   |                     |                   |  | Technical                   | Financial                   | Technical                                   | Financial  |   |   |
|   |  |                       |   |                     |                   |  |                             |                             |   |  |   |   |
| 2.40  | Grass Buffer – Streamside with Exclusion Fencing | 5 acres               | YCCD                                    | Countywide          | 2019-2025         | Dedicated education & outreach staff                   | Included under Action #2.38 | Included under Action #2.38 | Included under Action #2.38                 | Included under Action #2.38  | 09/25: YCCD remains the County lead on implementing Ag projects with funding they're receiving through the State ACAP program and other initiatives.<br><br>09/24: No new update. See PracticeKeeper for details.<br><br>08/23: No new update. See PracticeKeeper for details.<br><br>08/22: No new update. See PracticeKeeper for details.<br><br>09/21: No new update. See PracticeKeeper for details.<br><br>12/20: See FieldDoc for numerical details.<br>Need willing landowners. Targeted outreach. | Priority Initiative 3 was eliminated and Action was moved to Priority Initiative 2 and renumbered |

## 2025 Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – York County

**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 #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description                                   | Performance Target(s) | Responsible Party(ies) and Partnerships | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations | Resources Available         | Resources Needed            | Annual Progress to Date (2020 through 2024) | Reason for Change to Action Item And Future Plans (2022-2023 milestone period) |
|---|---|-----------------------|---|---------------------|-------------------|--|-----------------------------|-----------------------------|---|--|
|   |   |                       |   |                     |                   |  | Technical                   | Financial                   | Technical                                   | Financial  |
| 2.41  | Forest Buffer – Narrow with Exclusion Fencing | 2.5 acres             | YCCD                                    | Countywide          | 2019-2025         | Dedicated education & outreach staff                   | Included under Action #2.38 | Included under Action #2.38 | Included under Action #2.38                 | Included under Action #2.38  |

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| Action #<br>Green<br>Yellow<br>Red | Description                                  | Performance Target(s) | Responsible Party(ies) and Partnerships | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations | Resources Available         |                             | Resources Needed            |                             | Annual Progress to Date (2020 through 2024)   | Reason for Change to Action Item And Future Plans (2022-2023 milestone period)                    |
|------------------------------------|--|-----------------------|---|---------------------|-------------------|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|---|---|
|                                    |  |                       |   |                     |                   |  | Technical                   | Financial                   | Technical                   | Financial                   |   |   |
|                                    |  |                       |   |                     |                   |  |                             |                             |                             |                             | 09/21: No new update. See PracticeKeeper for details.   |   |
|                                    |  |                       |   |                     |                   |  |                             |                             |                             |                             | 12/20: See FieldDoc for numerical details.<br>Need willing landowners. Targeted outreach.   |   |
| 2.42                               | Grass Buffer – Narrow with Exclusion Fencing | 5 acres               | YCCD                                    | Countywide          | 2019-2025         | Dedicated education & outreach staff                   | Included under Action #2.38 | 09/25: YCCD remains the County lead on implementing Ag projects with funding they're receiving through the State ACAP program and other initiatives.<br><br>09/24: No new update. See PracticeKeeper for details.<br><br>08/23: No new update. See PracticeKeeper for details.<br><br>08/22: No new update. See PracticeKeeper for details.<br><br>09/21: No new update. See PracticeKeeper for details.<br><br>12/20: See FieldDoc for numerical details.<br>Need willing landowners. Targeted outreach. | Priority Initiative 3 was eliminated and Action was moved to Priority Initiative 2 and renumbered |
| 2.43                               | Grass Buffer                                 | 5 acres               | YCCD                                    | Countywide          | 2019-2025         | Dedicated education & outreach staff                   | Included under Action #2.38 | 09/25: YCCD remains the County lead on implementing Ag projects with funding  | Priority Initiative 3 was   |

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| Action #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description          | Performance Target(s) | Responsible Party(ies) and Partnerships | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations | Resources Available         | Resources Needed            | Annual Progress to Date (2020 through 2024) | Reason for Change to Action Item And Future Plans (2022-2023 milestone period) |   |   |
|---|----------------------|-----------------------|---|---------------------|-------------------|--|-----------------------------|-----------------------------|---|--|---|---|
|   |                      |                       |   |                     |                   |  | Technical                   | Financial                   | Technical                                   | Financial  |   |   |
|   |                      |                       |   |                     |                   |  |                             |                             |   |  |   |   |
| 2.44  | Grass Buffer- Narrow | 5 acres               | YCCD                                    | Countywide          | 2019-2025         | Dedicated education & outreach staff                   | Included under Action #2.38 | Included under Action #2.38 | Included under Action #2.38                 | Included under Action #2.38  | 09/25: YCCD remains the County lead on implementing Ag projects with funding they're receiving through the State ACAP program and other initiatives.<br><br>09/24: No new update. See PracticeKeeper for details.<br><br>08/23: No new update. See PracticeKeeper for details.<br><br>08/22: No new update. See PracticeKeeper for details.<br><br>09/21: No new update. See PracticeKeeper for details.<br><br>12/20: See FieldDoc for numerical details.<br><br>Need willing landowners. Targeted outreach. | Priority Initiative 3 was eliminated and Action was moved to Priority Initiative 2 and renumbered |

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| Action #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description                               | Performance Target(s) | Responsible Party(ies) and Partnerships | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations | Resources Available         | Resources Needed            | Annual Progress to Date (2020 through 2024) | Reason for Change to Action Item And Future Plans (2022-2023 milestone period) |  |   |
|---|---|-----------------------|---|---------------------|-------------------|--|-----------------------------|-----------------------------|---|--|--|---|
|   |   |                       |   |                     |                   |  | Technical                   | Financial                   | Technical                                   | Financial  |  |   |
|   |   |                       |   |                     |                   |  |                             |                             |   |  |  |   |
| 2.45  | Non-Urban Stream Restoration - Floodplain | 73,500 linear feet    | YCCD                                    | Countywide          | 2019-2025         | Timely DEP GP-11 reviews                               | Included under Action #2.38 | Included under Action #2.38 | Included under Action #2.38                 | Included under Action #2.38  | 09/21: No new update. See PracticeKeeper for details.<br><br>12/20: See FieldDoc for numerical details.<br><br>Need willing landowners. Targeted outreach. | Priority Initiative 3 was eliminated and Action was moved to Priority Initiative 2 and renumbered |

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| Action #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description              | Performance Target(s) | Responsible Party(ies) and Partnerships | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations | Resources Available         | Resources Needed            | Annual Progress to Date (2020 through 2024) | Reason for Change to Action Item And Future Plans (2022-2023 milestone period) |  |   |
|---|--------------------------|-----------------------|---|---------------------|-------------------|--|-----------------------------|-----------------------------|---|--|--|---|
|   |                          |                       |   |                     |                   |  | Technical                   | Financial                   | Technical                                   | Financial  |  |   |
|   |                          |                       |   |                     |                   |  |                             |                             |   |  |  |   |
| 2.46  | Urban Stream Restoration | 7,000 linear feet     | YCCD                                    | Countywide          | 2019-2025         | Timely DEP GP-11 reviews                               | Included under Action #2.38 | Included under Action #2.38 | Included under Action #2.38                 | Included under Action #2.38  | 09/24: No new update. 2 of the 2024 CAP funded projects have floodplain components.<br><br>08/23: Update remains the same.<br><br>08/22: Grants obtained in 2022 have components of Non-Urban Stream Restoration – Floodplain. A grant obtained in 2022 is for the study of 4 miles of restoration – floodplain. For numerical updates see PracticeKeeper / FieldDoc for details.<br><br>09/21: No new update. See PracticeKeeper for details.<br><br>12/20: See FieldDoc for numerical details. Need willing landowners. Targeted outreach. | Priority Initiative 3 was eliminated and Action was moved to Priority Initiative 2 and renumbered |

## 2025 Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – York County

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| Action #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description | Performance Target(s) | Responsible Party(ies) and Partnerships | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations | Resources Available | Resources Needed | Annual Progress to Date (2020 through 2024)  | Reason for Change to Action Item And Future Plans (2022-2023 milestone period) |
|---|-------------|-----------------------|---|---------------------|-------------------|--|---------------------|------------------|--|--|
|   |             |                       |   |                     |                   |  | Technical           | Financial        | Technical  | Financial  |
|   |             |                       |   |                     |                   |  |                     |                  | linear feet of stream, reconnection to the floodplain, and restoration/expansion of an existing wetland. 2) The Watershed Alliance of York Hagerich Gunpowder Creek (Bee Tree Run) Stream Restoration Project restored 400 linear feet of stream and planted 0.25 acres of riparian forest buffer in New Freedom Borough. 3) The Watershed Alliance of York Einstein Little Conewago Creek Stream Restoration Project restored 500 linear feet of stream and planted 1 acre of riparian forest buffer in West Manchester Township. 4) The Watershed Alliance of York Desai Codorus Creek Restoration Project restored 150 linear feet of stream in Spring Garden Township. Planned to be completed in 2026 with 2025 CAP funds is the Hanover Borough UNT to Slagle Run Floodplain Restoration project that proposes 2.78 acres of floodplain restoration 1,630 linear feet of stream restoration. |  |

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|---|---------------------------------|-----------------------|---|---------------------|-------------------|--|-----------------------------|-----------------------------|---|--|---|--------------------------------------|
|   |                                 |                       |   |                     |                   |  | Technical                   | Financial                   | Technical                                   | Financial  |   |                                      |
|   |                                 |                       |   |                     |                   |  |                             |                             |   |  |   |                                      |
| 2.47  | Wetland Restoration - Headwater | 7 acres               | YCCD                                    | Countywide          | 2019-2025         | Timely DEP GP-11 reviews                               | Included under Action #2.38 | Included under Action #2.38 | Included under Action #2.38                 | Included under Action #2.38  | 09/25: CAP funding continues to be used for stream/floodplain restoration projects. WAY seeks alternative funding sources for stream/floodplain | Priority Initiative 3 was eliminated |

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| Action #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description                      | Performance Target(s) | Responsible Party(ies) and Partnerships | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations | Resources Available         | Resources Needed            | Annual Progress to Date (2020 through 2024) | Reason for Change to Action Item And Future Plans (2022-2023 milestone period) |  |  |
|---|----------------------------------|-----------------------|---|---------------------|-------------------|--|-----------------------------|-----------------------------|---|--|--|--|
|   |                                  |                       |   |                     |                   |  | Technical                   | Financial                   | Technical                                   | Financial  |  |  |
|   |                                  |                       |   |                     |                   |  |                             |                             |   |  |  |  |
| 2.48  | Wetland Restoration - Floodplain | 7 acres               | YCCD                                    | Countywide          | 2019-2025         | Timely DEP GP-11 reviews                               | Included under Action #2.38 | Included under Action #2.38 | Included under Action #2.38                 | Included under Action #2.38  | restoration projects. YCSWC also funds stream/floodplain restoration projects. Partners across the County seek funding for stream/floodplain restoration projects. Many of these projects include wetland restoration components. See stream restoration action updates for more details.<br><br>09/24: See Action 2.33. See PracticeKeeper for details.<br><br>08/23: See Action 2.33. See PracticeKeeper for details.<br><br>08/22: See Action 2.33. See PracticeKeeper for details.<br><br>09/21: No new update. See PracticeKeeper for details.<br><br>12/20: See FieldDoc for numerical details.<br>Need willing landowners. Targeted outreach. | and Action was moved to Priority Initiative 2 and renumbered |

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|---|-------------------------------|-----------------------|---|---------------------|-------------------|--|-----------------------------|-----------------------------|---|--|---|-----------------------------|
|   |                               |                       |   |                     |                   |  | Technical                   | Financial                   | Technical                                   | Financial  |   |                             |
|   |                               |                       |   |                     |                   |  |                             |                             |   |  |   |                             |
| 2.49  | Wetland Creation - Floodplain | 7 acres               | YCCD                                    | Countywide          | 2019-2025         | Timely DEP GP-11 reviews                               | Included under Action #2.38 | Included under Action #2.38 | Included under Action #2.38                 | Included under Action #2.38  | for stream/floodplain restoration projects. Many of these projects include wetland restoration components. See stream restoration action updates for more details.<br><br>09/24: See Action 2.33. See PracticeKeeper for details.<br><br>08/23: See Action 2.33. See PracticeKeeper for details.<br><br>08/22: See Action 2.33. See PracticeKeeper for details.<br><br>09/21: No new update. See PracticeKeeper for details.<br><br>12/20: See FieldDoc for numerical details.<br><br>Need willing landowners. Targeted outreach. | Initiative 2 and renumbered |

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|---|------------------------------|-----------------------|---|---------------------|-------------------|--|-----------------------------|-----------------------------|---|--|--|---|
|   |                              |                       |   |                     |                   |  | Technical                   | Financial                   | Technical                                   | Financial  |  |   |
|   |                              |                       |   |                     |                   |  |                             |                             |   |  |  |   |
| 2.50  | Wetland Creation - Headwater | 7 acres               | YCCD                                    | Countywide          | 2019-2025         | Timely DEP GP-11 reviews                               | Included under Action #2.38 | Included under Action #2.38 | Included under Action #2.38                 | Included under Action #2.38  | 09/25: CAP funding continues to be used for stream restoration projects. WAY seeks alternative funding sources for stream restoration projects. YCSWC funds stream/floodplain restoration projects. Partners across the County seek funding for stream restoration projects. Many of these projects include wetland creation components. See stream restoration action updates for more details. | Priority Initiative 3 was eliminated and Action was moved to Priority Initiative 2 and renumbered |

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| Action #<br><b>Green</b><br><b>Yellow</b><br><b>Red</b> | Description         | Performance Target(s) | Responsible Party(ies) and Partnerships | Geographic Location | Expected Timeline | Potential Implementation Challenges or Recommendations | Resources Available         | Resources Needed            | Annual Progress to Date (2020 through 2024) | Reason for Change to Action Item And Future Plans (2022-2023 milestone period) |   |   |
|---|---------------------|-----------------------|---|---------------------|-------------------|--|-----------------------------|-----------------------------|---|--|---|---|
|   |                     |                       |   |                     |                   |  | Technical                   | Financial                   | Technical                                   | Financial  |   |   |
|   |                     |                       |   |                     |                   |  |                             |                             |   |  |   |   |
| 2.51  | Wetland Enhancement | 7 acres               | YCCD                                    | Countywide          | 2019-2025         | Timely DEP GP-11 reviews                               | Included under Action #2.38 | Included under Action #2.38 | Included under Action #2.38                 | Included under Action #2.38  | 09/25: CAP funding continues to be used for stream/floodplain restoration projects. WAY seeks alternative funding sources for stream/floodplain restoration projects. YCSWC funds stream/Floodplain restoration projects. Partners across the County seek funding for stream/floodplain restoration projects. Many of these projects include wetland enhancement components. See stream restoration action updates for more details.<br><br>09/24: See Action 2.33. See PracticeKeeper for details. | Priority Initiative 3 was eliminated and Action was moved to Priority Initiative 2 and renumbered |

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|---|-------------|-----------------------|---|---------------------|-------------------|--|---------------------|------------------|---|--|
|   |             |                       |   |                     |                   |  | Technical           | Financial        | Technical   | Financial  |
|   |             |                       |   |                     |                   |  |                     |                  | 08/23: See Action 2.33. See PracticeKeeper for details.<br><br>08/22: See Action 2.33. See PracticeKeeper for details.<br><br>09/21: No new update. See PracticeKeeper for details.<br><br>12/20: See FieldDoc for numerical details. Need willing landowners. Targeted outreach. |  |

### Phase 3 Watershed Implementation Plan (WIP) Progress and Milestones 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.

**Asterisk:** Place an asterisk next to the action number(s) for action items that appear in both the County Planning and Progress Template and the Programmatic Recommendations Template.

**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).

**Progress to Date** = This field will be used for annual reporting on priority initiatives. This is a description of the action(s) your county took toward achieving the priority initiative. Examples include education and outreach, programmatic changes, etc. For numeric priority initiatives your county can retrieve those numbers directly from *FieldDoc* or put in the column "See *FieldDoc*."

**Reason for Change to Action Item** = This field will be used for two-year milestone updates. This field allows your county to adjust your original targets and goals based on progress to date. Your county may adjust goals and targets up or down based on your progress to date. This field requires a reason as to the reason for change, whether up or down.