

Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update and Two-Year Milestones Report – Bradford County										Initiative Completed		
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 Highlight changes for 2024-2025 milestone period												
Action # Green Yellow Red	Description	Performance Target(s)	Responsible Party(ies) and Partnerships	Geographic Location	Expected Timeline	Potential Implementation Challenges or Recommendations	Resources <u>Available</u>		Resources <u>Needed</u>		Annual Progress to Date (2021 + 2022+2023+2025) <small>*add new 2024 progress above the existing 2025 progress. Date each entry</small>	Reason for Change to Action Item (2024-2025 milestone period)
							Technical	Financial	Technical	Financial		
Priority Initiative 1: Agriculture												
1.1	Implement Nutrient Management Analysis Program to Agricultural Landowners	Create Program for farmers to apply for soil sampling, manure analysis, and agronomics assistance to allow technical assistance and recommendations for nutrient management implementation based on sampling/analysis. Approximately 3000 acres or more depending on funding	PSU Extension, BCCD, Consultant	Agricultural and Hunting properties Headwaters Towanda Creek, South Branch Sugar Creek, Sattlerlee Creek, and Laning Creek Watersheds	2022-2027	Funding for initial 3 years of program, landowner participation, and understanding of data importance.	Local agency educational materials and sampling kits Consultant assistance	Sampling Kits (\$15 for Soil and \$40 for Manure)	Contracted Source for NMP analysis/recommendations List of recommended contacts for analysis completion.	Dedicated funding to assist in management and development of this program.	2025 - Interest surrounds the idea of increasing this initiative through educational sessions, specifically on soil sampling. Funding will be identified and aligned moving forward. 2024 - Nutrient Management assistance is being provided by NRCS and PSU Extension, although a specific program has not been developed for landowners through the Conservation District. BCCD is also included in a partnership with the Upper Susquehanna Coalition for assistance with agricultural planning, soil samples, and manure sampling as needed. 2023 - Nutrient management analysis is being provided for the development of new or updated plans although a separate program for designated funding hasn't been developed. 2022 - Program establishment and funding options have been under discussion. Funding has been applied to through the 2023 CAP implementation funds to complete this effort.	
1.1a	Soil Sampling Program	Develop Soil Sample Collection Program and Analysis – 25 sites annually, Approximately 10 fields per farm	PSU Extension, BCCD, Consultant Target Hunting Clubs	Agricultural and Hunting properties Lanning Creek, Hammond Creek, Bailey Creek, and Gaffers Creek	2022-2027		Education Materials Soil Sampling				2025 - Kits available at BCCD but provided by PSU Extension. BCCD gave out approximately 215 kits in 2025. 2024 - Soil Sampling Kits are provided as needed to landowners seeking assistance. 2023 - This program has been started to offer soil sampling kits to operations completing new plan development or yearly testing. 2022 - Program establishment and funding options have been under discussion. Funding has been applied to through the 2023 CAP implementation funds to complete this effort. This program will include purchasing soil sampling equipment for landowner rental moving forward.	

	Manure Testing Program	Develop Manure Testing Program and Analysis – 25 sites annually	PSU Extension, BCCD, Consultant	Agricultural and Hunting properties Headwaters Towanda Creek, South Branch Sugar Creek, Sattlerlee Creek, and Laning Creek Watersheds	2022-2027		Education Materials Manure testing Labs					<p>2025 - Kits available at BCCD but provided by PSU Extension. BCCD gave out approximately 20 kits in 2025.</p> <p>2024 - Manure testing continues to be completed for landowners that need updated or new plans.</p> <p>2023 - Manure testing has been completed for operations that are having new plans developed although a separate program has not yet been established.</p> <p>2022- A program specific to manure testing has not been established although funds for manure testing will be included in various projects outlined within the 2023 CAP Implementation grant application.</p>	
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	Agronomy Assistance/Analysis and Education Program	Develop Agronomic Analysis Program – 2 educational materials annually	PSU Extension, BCCD, Consultant	Agricultural and Hunting properties. Headwaters Towanda Creek, South Branch Sugar Creek, Sattlerlee Creek, and Laning Creek Watersheds	2022-2027		Education Materials, Analysis			Analysis	<p>2025 - FSA is likely completing this effort and PSU extension does very minimal of this in Bradford. Goal has been adjusted to include education materials in addition to direct assistance provided.</p> <p>2024 - Agronomy Assistance program has not been developed although PSU Extension and NRCS provides this assistance within the County.</p> <p>2023 - A agronomy assistance program has not yet been completed but will hopefully be added to the soil sampling program shortly.</p> <p>2022- An agronomy assistance program has not been established although is still important to complete. This project will be prioritized after soil and manure sampling programs are rolled out.</p>	
1.2 *	Increase Reporting and Verification of Existing BMP's	<p>Collect data through use of landowner reporting forms and verify existing BMP's on Agricultural Operations.</p> <p>Report and Verify 50 farms a year.</p>	DEP, BCCD, NRCS, PFB	County	2021-2027	Time Capacity, Data Entry, Release of Records, producer participation and resistance	BMP's and plans that were funded through agencies and grants are already known	Agency verification	One dedicated staff or contracted staff to complete entry and inspections.	Dedicated funding to this position,	<p>2025 - BCCD continues to record existing BMPs on agricultural lands, primarily through summer interns. BCCD is projected to collect and verify additional BMPs in the summer of 2026.</p> <p>2024 - BMP Verification effort was completed and additional review of potential BMPs for verification is occurring.</p> <p>2023 - BMP verification and reporting was completed throughout 2023 and is being prioritized going forward.</p> <p>2022- BMP reporting and verification is underway and being completed on schedule.</p>	
1.2a	Create Farmer Survey	<p>Create and deploy Farmer Survey to collect private landowner data on existing BMPs</p> <p>100 Completed surveys a year</p>	DEP, BCCD, NRCS, PFB	County	2021-2027	Time Capacity, Data Entry, Release of Records, producer participation and resistance	BMPs and plans that were funded through agencies and grants are already known	Agency verification	Refer to 1.2	Refer to 1.2	<p>2025 - This is a high priority for the County and will be started in the Winter of 2025.</p> <p>2024 - This survey has not been developed through the District to identify existing BMPs although surveys have been completed through PSU to gather this information.</p> <p>2023 - This has not been established due to the amount of BMPs able to be identified through the BMP verification process but may be rolled out at a later date.</p> <p>2022- The farmer survey has been under discussion but has not been developed.</p> <p>This farmer survey roll-out may occur following BMP verification and reporting to locate and verify additional BMPs.</p>	
1.3	Existing BMP Maintenance Program	<p>Assist producers with maintenance of existing BMP to keep them functioning, through cost-share labor or funding.</p> <p>Approx. 10 farms per year (projects size will determine if more or less operations can be completed)</p> <p>Completing maintenance on riparian buffers, fencing, rain gutters, heavy use areas, manure storages, etc.</p>	BCCD, NRCS, PSU Extension	Agricultural Producers	2023-ongoing	Funding and Producer participation, Identifying BMPS that need maintenance	Technical assistance	Funding Source that allows for the maintenance of existing BMP's	Consultants, Engineers	Grant funding	<p>2024 - A BMP maintenance project has been installed this year that was upgraded with ACAP funding, in addition to a practice that was upgraded by the landowner.</p> <p>2023 - BMP maintenance and upgrade projects are underway for completion this year.</p> <p>2022- Existing BMPs that require maintenance, and upgrades are being noted while completing BMP verification as well as from landowners contacting the district directly and are being assisted as funding becomes available.</p> <p>The rollout of the farmer survey will allow for more maintenance and upgrade project needs to be noted and addressed in the future.</p> <p>Funding to implement identified maintenance needs has been applied for through 2023 CAP Implementation funding.</p>	2025 - Completed. This initiative will continue to be accomplished within the county, but it is not a priority to push maintenance projects.

1.4 *	Riparian Buffer and Stream Fencing	<p>Implement Stream fencing and riparian buffer on crop and pasture lands.</p> <p>7880 Acres of new or verified existing</p>	BCCD, NRCS, PSU Extension	<p>Streams of Agricultural Properties</p> <p>Target Hunting and Fishing clubs</p>	2021-2027	Funding and Producer participation, Importance of maintenance	NRCS, PSU Extension, Consultants, SCC	Upper Susquehanna Coalition (USC), Stroud Water Research Center (SWRC)	K-10 Labor to plant/install	Stream fencing costs, Trees if not available, planting and maintenance	<p>2025 - In 2025, 34.64 acres of new riparian buffers have been installed as well as 31,000 feet of streambank fencing in 2025. There are currently 18 acres of new riparian buffers planned and awaiting funding for 2026.</p> <p>2024 - Riparian buffers have been installed on stream restoration projects completed in 2024.</p> <p>2023 - Riparian buffer and stream fencing projects have been completed this year.</p> <p>2022- Riparian Buffer and Stream Fencing projects are being planned and implemented on agricultural properties. Multiple stream fencing projects were sent for bids and will be installed by the spring.</p>	
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1.5	Soil Health	<p>Promote Soil Health by increasing No Till and Cover Cropping</p> <p>Increase No Till by 1,250 acres per year and Cover Cropping by 3,000 acres</p>	BCCD, NRCS	<p>Agricultural Landowners operations</p> <p>Seeley Creek, North and South Branch Sugar Creek, Head Waters of Tioga River, Headwaters Towanda Creek, Laning Creek, and Black Creek- little Loyalsock Creek Watersheds</p>	2021-2027	Producer Participation and Resistance. Education on overall management change importance, equipment availability	Cases Studies, Educational Materials, Seminars	Seed Costs	Outreach support, event development, Deliverables through existing publications	Dedicated funding to this position,	<p>2025 - No till rental is ongoing and PK entries need to be completed. There is a limited time to complete cover cropping so an alternative use may need to be pushed. The total amount of cover cropping in 2025 was 5300 acres. The no-till planter has been out on farms from mid-July through the first of November. Acres are small, but part of the endeavor is making contact with people outside of the normal Districts reach. BCCD has learned and taught information of warm-season grass buffers and removing vegetation from ponds.</p> <p>2024 - Soil Health initiative was continued this year by utilizing the No-Till Drill in the spring.</p> <p>2023 - Soil health was increased this year with the addition of the ne No-Till Drill rental. This equipment increased no-till acreage throughout the county.</p> <p>2022- No-till and cover cropping is being promoted through the education and expanded use of no-till rental programs. Funding was received to purchase a new No-Till Drill this year which will allow for increased equipment use and promote smaller operations to utilize the practice. Drill purchase is currently underway. Approximately 400 acres of cover crops have been installed this year.</p>	
1.6	Equipment Rental and Availability	Provide equipment rental to farmers to encourage more BMP implementation on small operations and reduce nutrients being applied incorrectly	BCCD	Agricultural Landowners operations	2021-2027	Logistics and maintenance	No-Till Equipment	Funds to purchase and maintain equipment	<p>Rental Agreement</p> <p>Delivery of equipment</p> <p>Contracting a delivery service for equipment</p> <p>Contracting a custom farming operator to assist in equipment usage</p>	<p>No Till Drill - \$30,000.00</p> <p>Lime Spreader - \$10,000.00</p> <p>Manure Injection Equipment - \$150,000.00</p> <p>Manure Spreader - \$10,000.00</p>	<p>2025 - A program for the rental materials through the District is currently active, however there is room for expansion on the implements available to rent through the creation of a rental partnership with a nearby company. This will be explored in 2026 to provide a discounted rate on additional equipment rentals. Bradford County QAB and District Board have approved the purchase of a leaf blower through the DGLVR Program that will be available to municipal road crews maintaining local roads.</p> <p>2024 - Equipment Rental program was continued through the beginning of 2024 to provide the availability of no-till planting to operations. A partnership with Susquehanna County was created to borrow their planter for Bradford Landowners to increase equipment availability.</p> <p>2023 - The purchase and availability for the new no-till drill rental has increased rental availability and implemented no-till acres throughout the county.</p> <p>2022- Received funding to purchase another No-Till Drill to increase implementation and allow smaller farms to utilize the practice. Prices have been received for drill purchase and is being completed this year.</p> <p>Overall equipment rental programs are still underway and being implemented.</p>	

1.7 *	Barnyard, Heavy Use Management, and Manure Storage	<p>Implement BMP's on farms where the most nutrient concentration occurs (heavy use) and reduce the travel of nutrients into streams and construct roofed manure stacking pads to reduce winter spreading</p> <p>BMP's include Barnyards, manure storage, buffer strips, rain gutters, etc.</p> <p>Implementation goal of 25,000 square footage</p>	BCCD, NRCS, SCC,	<p>County</p> <p>Seeley Creek, North and South Branch Sugar Creek, Head Waters of Tioga River, Headwaters Towanda Creek, Laning Creek, and Black Creek-Little Loyalsock Creek Watersheds</p>	2021-2027	Project match on larger projects, Prevailing wage, increased wait times for funding and farmer resistance	Engineering and design support		Engineering, design, and permitting support	\$1,000,000.00 per year to increase overall project numbers	<p>2025 - Goal was updated to be able to evaluate appropriately based on square footage of implementation. Number of projects did not outline progress appropriately due to size variability and cost. Projects for this initiative are completed annually and there are 3 projects proposed for 2026 that total over 1 million in construction fees.</p> <p>2024 - Multiple projects for manure stack, HUA, and Barnyards are proposed for completion under the 2024 CAP Application and proposed for funding in the 2025 CAP Application.</p> <p>2023 - BMP projects have been ongoing at farm operations this year. Multiple implementations have occurred as well as maintenance and upgrades to existing facilities.</p> <p>2022- Planning and discussions regarding heavy use area management are occurring and ongoing. Barnyard heavy use areas and manure storages have been proposed projects for implementation and some are on hold due to the increase in prices for construction and the landowners match requirements increasing. One project was approved through 2022 CAP Implementation Funds.</p>	
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1.8	Operation Transition and Land Retirement Assistance	Assist farmers that are transitioning operation types with the necessary BMP and management practices and consult individuals that are removing lands from production. Provide assistance with reforestation, recreational management, CREP and Wildlife habitat improvements 3 farms per year	BCCD, NRCS, PSU Extension	County	2022-2027	Outreach to Landowners, Potential for Long Term Contracts. Maintenance for proposed BMP's	Planning Documents, Education	Plantings, and seed for land retirement plantings	Staff to complete recommendations	Funds for Plan Writers and new BMP being implemented, Plan Revisions	2025- This information is planned to be incorporated into the farmer survey. 2024 - Assistance is being provided to landowners through the help of the Conservation District or NRCS. A program or educational series has not been developed, but those who contact the District can receive assistance. The District received approximately 3 calls from landowners in 2024 for assistance. The District gave recommendations for best management practices and transitional advice, but there is no specific program developed currently. Penn State Extension has webinars and educational events aimed to help transition farms to the next step, and the District will reference this material. 2023 - Operation transition and land retirement assistance are still being provided to those who contacts the district although a program or educational series has not been developed. 2022- Operational transition and land retirement assistance has been provided to those who contact the district, but a program has not been developed. Operation Transition has been a large topic of discussion to get landowners thinking about the future and creating a plan. This program is of high interest although funding will need aligned to offer education. An EE grant is planned to be applied for to offer this program.	
Priority Initiative 2: Urban and Developed Stormwater												
2.1	Nutrient and Fertilizer Planning for Turf Grass	Develop and implements plans and guidance for Turf Grass 150 acres per year either planned or verified	BCCD, PSU Extension, NRCS,	Urban	2024-2027	Collecting Reporting from existing plans, (i.e.. Golf course, school plans) and lack of participation from private landowners	Guidance documents,	Funds to development management plans	Example plans, outreach to increase importance of plans, Enforcement for possible adapted ordinances or policies.	Dedicate funds to launch the program to achieve nutrient stormwater reductions	2025 - Evaluation underway on how tracking of this is taking place within the county as the District has little involvement with this initiative. 2024 - This program has not been established in 2024, but the District has plans for 2025 to reach out to Schools and Golf Courses to better understand their plans. DEP has a urban NMP available, and the District plans to utilize this once contact has been made with the schools and golf courses, if there is a need for NMP updates. 2023 - This program has not been developed but is still a priority. 2022- This program has not yet been developed but is still of high importance and needs a funding source for implementation.	
2.1a	Turf Grass Management	Management of Turf grass fertilizer application and potentially reduce unnecessary areas 10-20 acres per year	Golf Courses, BCCD, County Planner	County	2023-2027	Resistance to additional changes and reporting	Technical Guidance documents and proven BMP's	Funds to implement Turf grass reduction areas by tree or wildflower planting	Education and training to understand the importance and the actual implementation of these projects	Funding to implement projects	2025 - Turf grass management is being prioritized for the identification of available project sites in 2026. There is potential to target the school districts or parks to transition use and manage application rates. 2024 - The District is aware of approximately 3 landowners who have transitioned turf grass to meadows within 2024. These transitions resulted in 3.5 acres of turf grass reduction. The District plans to continue implementing more meadows in 2025. 2023 - This program has not been developed but is still a priority. 2022- This program has not yet been developed but is still of high importance and needs a funding source for implementation.	

2.2	Existing Stormwater BMP retrofit Program	Upgrade existing basins, drainage systems to improve function 10 system upgrades or maintenance per year	Municipalities, landowners, rec properties	Existing Sites	2022-2027	Funding to complete necessary maintenance or upgrades	Example projects, Guidance documents	Private funds	Site data collection; Design development, Implementation	Design funds, construction funds	2025 - Chapter 102 project sites are working to be reported at the District level which will quantify some of these project occurrences. 2024 - Stormwater BMP retrofit has occurred this year on an agricultural property that altered the outlet of two diversion ditches where severe erosion has occurred. A rock-lined waterway now reduces the volume and velocity of water during storm events, reducing future erosion. 2023 - Existing stormwater projects on farming operations are being discussed and prioritized for implementation. 2022 - Existing stormwater BMPs have been discussed although halted due to lack of design funding and construction costs.	
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2.2a	Stormwater BMP Prioritization Tool	Creation of a prioritization tool, to identify beneficial potential project locations that consists of a database mapper and scoresheet.	County Planning	Existing g Stormwater BMP's within the county Starting with higher population and impervious areas	2022-2027	Identifying suitable facilities and collecting data to create a tool	Existing data for permitted systems	Funds to develop and maintain tool and data collection	Creation of Tool/database, setting up quantifiable system and keeping it up to date, data collection Maintaining the tool	Fund to create database and collect to digitize data	<p>2025 - County Planning will need to be involved in the updates of this initiative and the alignment of goals moving forward through 2027.</p> <p>2024 - This tool has not been established regarding stormwater, although a BMP platform viewer has been created to assist with locating potential historic BMPs or locations that BMPs would be beneficial.</p> <p>2023 - This tool has not been developed although is still a priority for completion.</p> <p>2022- Conversations about program implementation have occurred although halted due lack of design funding and construction costs for projects to be implemented.</p>	
2.3	Bridge Stormwater Management	Look at stormwater Management to reduce nutrient flowing directly into River.	PennDOT, County	Towanda Bridge and other River Crossings	2024-2027	Funding Determining proper course of action	Land acquisition, design, construction	Funding for engineering and construction	Design of Stormwater management system that is applicable	Funding	<p>2025 - PennDOT is underway with multiple projects throughout the county that are addressing infrastructure updates.</p> <p>2024 - Repairs are ongoing to bridges and crossings throughout the County as needed although protocol to address excess nutrient loads has not occurred.</p> <p>2023 - Stormwater infrastructure on all ongoing bridge repair projects have also been inspected and upgraded if needed throughout the county.</p> <p>2022- Stormwater management on bridge facilities have been upgraded as needed during overall construction/repair events. A program to identify future repair needs has not vet been developed</p>	
2.4	Roadway Stormwater Management	Manage stormwater on local and forest roads on public land to reduce runoff and flooding potential Complete 5-10 road miles per year	BCCD, DCNR, PGC, Municipalities	Roads on SGL and State Forest Roads, Areas with known flooding issues	2024-2027	Funding to develop guidance and implement project on identified areas Resistance to utilize different methods	Technical guidance and details	Current roadway maintenance funds	N/A	Funding for upgrades	<p>2025 - BCCD, with local municipalities completed 7 stormwater management projects on Dirt, Gravel, and Low Volume Roads in 2025. In total, 2.65 miles of road were rehabilitated.</p> <p>2024 - Stormwater management projects are being implemented by the municipalities and Game Commission, as needed.</p> <p>2023 - Roadway stormwater management has been upgraded at ongoing construction projects throughout the county this year.</p> <p>2022- Roadway stormwater management has been upgraded and occurring during construction/repair as needed.</p> <p>A program to identify future repair needs has not yet been developed</p>	
2.4a *	Culvert Replacement and Flood control BMP's	Replace undersized culverts that cause issues within the watershed and assist flood control abilities with new or maintenance to existing controls 10 culverts per year, additional can be completed based upon project size and funding allotment	BCCD, County, Engineers, TU	County Targeting high flood frequency areas	2022-2027	Funding, Participation and Implementation of Municipalities	Technical Guidance	Funds to complete replacements	Permitting, design, H&H, Identifying culverts in need of upgrade	Funding Replacement and permitting process	<p>2025 - In 2025, 14 culvert replacements were completed in 2025. These projects addressed flood mitigation, infrastructure protection, and sediment reduction.</p> <p>2024 - Ten (10) stream crossing projects have been completed in 2024 with additional projects proposed for 2025.</p> <p>2023 - Culvert replacements have been ongoing as needed on planned construction projects this year. The replacement of additional undersized culverts has not yet occurred.</p> <p>2022- Culvert replacements and flood control BMPs are being planned and implemented within ongoing construction and repair projects.</p> <p>A program to identify future repair and upgrade needs has not yet been developed.</p>	

2.4b	Culvert Size and Flood Control Educational Program	<p>Culvert sizing education and flood control program for county staff and private contractors.</p> <p>2 in person programs per year</p>	County, Engineers, TU	County Targeting high flood frequency areas	2022-2027	Funding, Participation	Educational Materials and set up for stakeholder meetings	Funds to create handouts and meeting space rental	Program coordinator	Funding Education	<p>2025 - DGLVR annual update meeting was completed this year and educational programs were held at the township officers assistance meeting as well as the Bradford/Tioga equipment show.</p> <p>2024 - The Conservation District hosted two educational programs in 2024 teaching municipal officials on the topic of culvert replacement.</p> <p>2023 - This project is still of priority although has not had dedicated funding to create the program.</p> <p>2022- Program discussion has occurred and will require designated education funding to complete.</p>	
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Priority Initiative 3: Wastewater											
3.1	Upgrades and Maintenance on Public Sewer	Complete necessary upgrades and Implement proper Maintenance on public sewer systems. 1 system	County Planning, Local Authority	County	2025-2027	Cost of upgrades and maintenance, design and permitting	Sewer inspections, permit reviews	Cost of upgrades and maintenance	Engineering support	Cost of upgrades	2025 - Systems are undergoing maintenance and upgrades as needed throughout the county and this effort is ongoing. 2024 - Public sewer maintenance and upgrades are occurring as needed. Bradford County received a \$462,820 loan in 10/2023 to construct a new headworks building and replace equipment. 2023 - Public sewer maintenance activities are being completed as needed. 2022 - Public sewer maintenance activities are ongoing and being completed on an as needed basis. Additional funding opportunities would increase the number of upgrades available to these facilities.
Priority Initiative 4: Watershed Health											
4.1	Farmland and Forestry Preservation	Preserve Farmland and Forest Lands 100 acres per year	BCCD, NPC	County	2021-2027	Funding for preserved lands and landowner participation	Existing programs	Farmland Preservation Program, Land Conservation Programs, Land donations	Additional outreach and support	Funding for farmland and forestry preservation.	2025 - Land trusts and conservancies focus on the transition of property within the County each year. There were 476 acres of farmland preserved in 2025. To achieve this acreage preservation, it took BCCD about 3-4 years due to yearly funds supporting approximately 150 acres of preservation. 2024 - Farmland preservation applications are being received and farms have been preserved in 2024. 2023 - Farmland and forestry preservation are occurring as funding becomes available. Additional funds would increase preservation amounts. 2022 - Farmland and Forestry preservation have been discussed and applications have been received from landowners. Funding is needed to preserve these lands.
4.2	Forestry Management	Provide Forest Management plans and technical assistance 10 plans per year	BCCD, DCNR, NRCS	Private forest lands	2021-2027	Qualified foresters to complete management plans and assistance and landowner participation	Plan writing and technical assistance	Cost of plan writing	Plan writing, Education, outreach	Funds for plan development	2025 - This year's, 2025, Forestry Education outreach focused on in-field and in-classroom education with smaller groups. We hosted 2 walks that consisted of about 20 people each to discuss the importance of managing invasive species and promotion of native species. Ten student education events that covered age ranges from elementary to high school and covered the importance of proper forest management. 32 property visits with landowners to help educate and assist in forestry planning were conducted. 15 acres of new upland tree plantings were installed. 2024 - The Forestry Education Program was completed in the Spring of 2024 and included the participation of 8 County Conservation Districts to educate landowners about the importance of Forestry Management Plans. During 2024, 7 forestry management plans were created, along with 30-35 site visits, and 21.5 acres of forest planted. 2023 - The second year of grant funding for the Forestry Education Symposium was awarded with the first event occurring this September. 2022 - Bradford County Received grant funding through the 2022 Environmental Education Grant to implement a Forestry Education Symposium and project implementation is underway.

4.3 *	Stream Quality Improvements	<p>Improve overall stream quality by creating grass and forested buffers, bed and bank stabilization, headwater protection, and floodplain reconnection.</p> <p>1.5 Miles of stream per year (Both banks)</p>	BCCD, NRCS, DCNR, Landowners	County Forest lands	2022-2027	Overall costs of projects and landowner participation, permitting constraints	Project design and permitting, site identification, landowner outreach	Cost for permitting, design, and construction	Engineering, design, permitting	Additional funds to complete projects	<p>2025 - 7 stream rehabilitation projects (approximately 0.6 miles) have been completed within the County through the use of Growing Greener, other DEP, County, and CAP funding. Multiple project sites are proposed for completion in 2026 as well.</p> <p>2024 - 11 Stream restoration projects (approximately 0.6 miles) have been completed within the County through the use of Growing Greener, other DEP, County, and CAP funding.</p> <p>2023 - Stream improvement projects are being implemented through the utilization of CAP implementation funds.</p> <p>2022- Stream quality improvements are being completed and planned through the utilization of CAP implementation funding.</p>	
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