

Phase 3 Watershed Implementation Plan (WIP) Annual Progress Update – Tioga 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 #	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 (2022) <small>*add new 2022 progress above the existing 2021 progress. Date each entry</small>
							Technical	Financial	Technical	Financial	
Priority Initiative 4: Natural											
4.1	Forest Land Conservation and Management	Preserve Quality Forest Land Surrounding Quality Resources through conservation easements, deed restrictions, land conservancies. <u>15 properties per year</u>	TCCD, NRCS, DCNR, Landowners, PGC	Forest lands near quality resources	2022-2025	Funding for conserved lands and landowner participation	Conservation efforts, existing land conservancy programs	Conservation and management	Addition outreach and support	Cost associated with conservation, planning, and management \$150,000 per year	2022- Discussion and encouragement for the need of preserved forestland have occurred. A forestry Education event is hoped to be held and funding needs to be secured for completion. Tioga CCD was invited to be involved in the 2023 Forestry Education Symposium Grant application through DEP EE Grants that is currently held by Bradford, Susquehanna, and Wyoming County. It is hoped continuation of this program will provide this educational need within the county. Looking into the possibility of additional NRCS funding for forestry management and planning.
4.1a	Forest Management Plans	Create Forest Management Plans for private landowners <u>10 plans per year</u>	TCCD, NRCS, Foresters, DCNR	Private Forest Owners	2022-ongoing	Funding, capturing existing plans, plan writers	Writing/assistance	Funding for plan writing	Plan writers	Funding for plan writing and development \$50,000 per year	2022- This action has not been started but is still of high interest. Looking into the possibility of additional NRCS funding for forestry management and planning.
4.1b	Forestry Harvest ED and Outreach	Educating private forest landowners on the importance of proper harvesting and selecting good timber harvester.	DCNR, NRCS, TCCD	Private forest landowners	2023	Participation from landowners and interest and technical assistance	Educational materials	N/A	Outreach events, education programs, county specific harvest information	Costs associated with in person events, county specific materials, and outreach \$15,000 per year	2022- Brainstorming has occurred for how to complete this action. Tioga CCD was invited to be involved in the 2023 Forestry Education Symposium Grant application through DEP EE Grants that is currently held by Bradford, Susquehanna, and Wyoming County. It is hoped continuation of this program will

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		<u>2 programs per year</u>									provide this educational need within the county.
4.1c	Forestry Upland Plantings	Converting fallow agricultural fields to forested plantings. <u>50 acres per year</u>	NRCS, TCCD	Retired Farmlands	2021-ongoing	Retiring less productive Ag lands	Tree planting guidance	Plantings and materials	Labor/planting	Cost of labor and implementation \$250,000 per year	2022- Forestry upland plantings have been completed and are still underway.
4.2	Stream Restoration and Streambank stabilization	Restoring streambank and stabilizing for overall water health. <u>5,000 linear feet per year</u>	TCCD, TU, NRCS	County impaired streams	2022-ongoing	Cost associated with design, construction, and Landowner interest	Technical guidance, permitting and plan writing	Existing grant programs, private funds	Prioritization and watershed approach, planning and design	Dedicated funding source to continue establishing new projects \$750,000 per year	2022- Stream restoration and stream bank stabilization projects have been planned and implemented.
4.3	AML Reclamation Planning and AMD Restoration	Restoring AML impacted areas and treating AMD discharges to restore water quality <u>Evaluate 3 projects a year</u>	DCNR, NRCS,	Tioga River, Coal Creek, Morris Run, State Forest, Fallbrook	2024	High costs associated with planning and restoration	Technical documents and case study's	AMD restoration funds	Planning and restoration labor, permitting	Costs associated with restoration and reclamation planning \$350,000 per year	2022- This project has been discussed although is awaiting additional funding availability from BAMR, OSM, and the infrastructure bill within the next few years for this program type will help secure funding to start this initiative.
4.3a	Existing AMD Facility Maintenance and Upgrades	Necessary maintenance and upgrades to existing	DCNR, NRCS, BAMR	Babb Creek Priority	2023	High costs associated with maintenance and upgrades	Technical guidance and case study's	AMD restoration funds	Planning, engineering, and construction	Costs associated with maintenance and upgrades \$150,000 per year	2022- An AMD facility upgrade is being completed within the County and feasibility and planning for additional upgrades is underway.

