
APPENDIX A. GLOSSARY

Acidity	The capacity of water for neutralizing a basic solution.
Agricultural Preservation Areas	Lands enrolled in a statewide program that has been established to promote the conservation and preservation of agricultural lands and the agricultural community.
Air Pollutant	Any substance in the air that causes damage to life, ecosystems, or property.
Airsheds	Geographic areas responsible for emitting 75 percent of the air pollution reaching a body of water.
All Terrain Vehicle	A small, open motor vehicle having one seat and three or more wheels fitted with large tires. It is designed chiefly for recreational use over roadless, rugged terrain.
Atmospheric Deposition	The process of airborne pollutants falling to the ground.
Basicity	The extent to which a substance is a base, which is defined as having a pH over seven.
Bedrock	The solid rock that underlies the soil and other unconsolidated material, or that is exposed at the surface.
Best Management Practices	Refer to the most environmentally appropriate techniques for agriculture, forestry, mining, development, urban storm water management, and other practices that are potential threats to natural resources.
Biological Diversity	The number and variety of organisms found within a specific geographic region, or a particular habitat; the variability among living organisms on the earth, including the variability within and between species and within and between ecosystems.
Biological Diversity Area	An area of land recognized as supporting populations of state, nationally, or globally significant species or natural communities, high-quality examples of natural communities or ecosystems, or natural exceptional native diversity.
Canal	A man-made waterway that is usually used to connect existing bodies of water.
Carbon Monoxide	A colorless, odorless, poisonous gas that results from the incomplete burning of carbon fuels.

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Comprehensive Plans	A general policy guide for the physical development of a municipality, taking into account many factors including locations, character, and timing of future development.
Concentrated Animal Feeding Operation	A farm where large quantities of livestock or poultry are housed inside buildings or a confined area and all units of production, including feed, wastes and dead animals are concentrated in one area.
Conservation	The maintenance of environmental quality and resources; resources include physical, biological, or cultural. Ecosystem management within given social and economic constraints; producing goods and services for humans without depleting natural ecosystem diversity, and acknowledging the natural character of biological systems.
Conservation Lands	Public or private lands with management plans that include the protection of natural areas as a primary objective.
Dedicated Area	An area of land recognized because of an owner's specific intention to protect it, which could result in the improving to become either a biological diversity area in the future or an even better high-quality area within an already designated biological diversity area.
Degradation	A degeneration to a poorer quality, condition or state.
Direct Deposition	Occurs when pollutants enter a waterway by falling directly into it.
Drainage Pattern	The arrangement of streams in a landscape in response to local topography and subsurface geology.
Easement	A deed restriction that landowners may voluntarily place of their property to protect its future uses.
Eco-region	A geographical unit based on associations of those biotic and environmental factors that directly affect or indirectly express energy, moisture, and nutrients regulating the structure and function of ecosystems.
Ecosystems	An area and its living and non-living components.
Environmental Education	A learning process that increases knowledge and awareness of the environment and associated challenges, develops skills and expertise to address these challenges, and fosters attitudes, motivation, and commitment to make informed decisions and take responsible actions.
Erosion	The processes by which solids are displaced from the earth's surface; includes weathering, dissolution, abrasion, corrosion, and transportation.

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Factory Farms	Larger, corporate-based farms that emphasize high volume and profit.
Family Farms	Smaller farms that have been in operation for several generations.
Floodplain	The level land among the course of a river or stream formed by the deposition of sediment during periodic floods.
Forest Management	The art and science of treating a forest to promote a desired outcome.
Geology	Geology is the science that deals with the study of the earth and its history, and is the name of the natural features of our plant.
Ground-level Ozone	A harmful secondary pollutant formed in the atmosphere when nitrogen oxide (NO _x) combines and reacts with volatile organic compounds in the presence of sunlight and warm temperatures.
Groundwater	Water beneath the earth's surface; found in pore spaces in rock material. Supplies wells and springs as a source of drinking water for many; also
High-Grading	Involves cutting of only the biggest, most profitable trees in a stand; considered a non-sustainable practice.
Hydric Soils	Soils that are adequately moist in the upper section to cultivate anaerobic conditions during the growing season.
Hydrologic Unit Code	A system for organizing watersheds of the United States that divides and subdivides the watershed into successively smaller hydrologic units and is then assigned an identifying number.
Hydrology	The study of movement of water on the earth; includes surface water and groundwater.
Indirect Deposition	Occurs when a pollutant enters a waterway by falling onto land and being washed into waterbodies as runoff.
Invasive species	Environmentally noxious weeds that grow aggressively, spread easily, and displaces other plants.
Karst	An area of limestone marked by irregularities such as sinkholes, fissures, caves, and underground streams, which are created by erosion.
Landscape Conservation Area	A larger area of land that contains minimal human disturbance and allows ecosystems to function on a landscape level.
Landslide	Ground movements that change the stability of slope from stable to unstable are landslides

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Lichens	A symbiosis between a fungal and algal life form that usually grows on trees or rocks.
Major Employers	Companies having a minimum of 200 employees.
Management Recommendations	Non-regulatory suggestions to improve the quality of life.
Methylmercury	A neurotoxin formed by the transformation of mercury by certain microorganisms; it is highly toxic and easily accumulates in fish, shellfish and animals that eat fish.
Natural Heritage Inventories	A method of assessing areas of important plants, animals, and ecological communities.
Natural Resources	A naturally-occurring material with economic value.
Nonpoint Source	Pollutants that have no readily visible source and often require detailed analysis and research to discern the source.
Ozone	A colorless, odorless, gas that forms in the atmosphere.
Ozone Layer	A colorless, odorless, gas located in the upper atmospheric layer that filters the sun's harmful ultraviolet rays.
Particular Matter	Tiny drops of liquid or small particles of dust, metal or other materials that float in the air.
Physiographic Provinces	A region with a particular type of landscape and geology.
Point Source	Pollutants that can be easily traced to their source.
Precipitation	Any form of water that falls from the sky, including, rain, snow, sleet, fog, and hail.
Preservation	The act or process of keeping something safe from harm or injury; the act of maintaining or reserving.
Prime Agricultural Soils	Soils that are extremely well suited for agricultural uses and meet certain physical, chemical, and slope characteristics.
Red beds	Stratosphere of reddish-colored sedimentary rocks, such as sandstone, siltstone, and shale.
Restoration	Returning to its original state or condition.

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Riparian Areas	Areas of protective vegetation next to a body of water that serves as a barrier against polluted runoff and provides habitat corridors for wildlife.
Runoff	Rainfall or snowmelt not absorbed by soil that flows over the surface of the ground to a receiving waterway.
Secondary Pollutant	A new air pollutant formed when primary pollutants react in the atmosphere.
Sedimentary Rock	Rocks formed by the deposition of sediment.
Sedimentation	The deposit of particles moved by erosion.
Silviculture	The art and science of controlling the establishment, growth, composition, health and quality of forests and woodlands.
Smart Growth Practices	A current movement that focuses on redevelopment of established urban areas and other ways to reduce sprawl pressures on undeveloped countrysides.
Soil Associations	A classification of soil types that comprise two to three major soil types and a few minor soil types.
Stormwater	Water that runs off the land into surface waters during and immediately following periods of precipitation.
Stormwater Management Plan	Planning for surface runoff into streams and river systems during rain and/or snowmelt events.
Streambed	The channel base of a stream or river or creek; it serves as an interchange between groundwater and surface water.
Subsidence	The downward movement of surface material involving little or no horizontal movement.
Sustainable	The ability to provide for the needs of the world's current population without damaging the ability of future generations to provide for themselves. When a process is sustainable, it can be carried out over and over without negative environmental effects or impossibly high costs to anyone involved.
Symbiosis	An alliance between two or more species that benefits each member.
Synthetic Processes	Human-controlled processes, such as burning fossil fuels.
Temperate Continental Climate	A climate without extremes of temperatures or precipitation.

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Topography	Describes landscape features of an area.
Total Maximum Daily Load (TMDL)	A limit for pollutant load placed on a waterway by Department of Environmental Protection. TMDLs are determined for a waterway based on how much pollutant it is determined that the waterway can assimilate and still meet its designated use criteria. TMDLs will be used to regulate the percentage of total pollutant load that each source in a watershed can contribute.
Unemployment Rate	The percentage of people of the total labor force that are actively seeking a job but cannot find employment.
Value Added	The additional value added to a product at a stage of production.
Water Gap	An opening or notch which occurs when a section of a ridge has a weaker geological structure and a stream essentially cuts through a ridge to end up
Water Quality Trading	A program which allows facilities with higher pollution control costs to purchase the right to pollute from facilities that have reduced their pollution output below their required limits.
Watershed	The area of land that drains to a particular point along a stream. Each stream has its own watershed. Topography is the key element affecting this area of land. The boundary of a watershed is defined by the highest elevations surrounding the stream. A drop of water falling outside of the boundary will drain to another watershed.
Wetland	An area that is inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances support, a prevalence of vegetation typically adapted for life in saturated soil conditions.
Wildlife Management Areas	Areas dedicated to wildlife management activities and low-intensity, wildlife-related recreation, including hunting and wildlife observation.
Zoning	A legal mechanism by which government bodies, for the sake of protecting public health, safety, morals and general welfare, can limit a landowner's right to use privately owned land by dividing land into districts and creating land-use regulations.

APPENDIX B. PLANNING COMMITTEES

Sinnemahoning Creek Watershed Conservation Plan Steering Committee

Lisa Baaney	DCNR Bureau of State Parks - Sinnemahoning State Park
Kim Bonfardine	Elk County Conservation District
Josh Bruce	Sizerville State Park
Eric Cavazza	DEP Bureau of Abandoned Mine Reclamation
R. Dana Crisp	DCNR Park Region 1 PA Wilds Recreation Team
William Crisp	Pennsylvania Fish and Boat Commission Bucktail Watershed Association Bennett Branch Watershed Association
Todd Deluccia	Cameron County Conservation District
Jason Fellon	DEP Northcentral Regional Office
Steve Fisanick	DEP Bureau of Abandoned Mine Reclamation
Jack Fleckenstein	Potter County Conservation District
Jackie M. Flynn	DCNR Bureau of State Parks - Sinnemahoning State Park
Beth Grove	Parker Dam State Park
Harry "Chip" Harrison	Patterson State Park Prouty Place State Park Cherry Springs State Park
Kim McCullough	DCNR - Region 6 - Northwest - Erie Regional Office
Bob Merrill	Moshannon State Forest
Richard Nicka	First Fork Watershed Association
Joe Parr	First Fork Watershed Association
Ken Rowe	Bennett Branch Watershed Association
Shirley Sholtis	DEP Bureau of Abandoned Mine Reclamation
John Sidelinger	DCNR Bureau of Forestry - Elk State Forest
Jennifer Staumbaugh	Hemlock Springs
Ken Straub	Bucktail Watershed Association Cameron Planning Commission Northern Tier Community Action Corporation
Jeanne Wambaugh	DCNR Bureau of Forestry - Elk State Forest
Jim Zoschg, Jr.	Bucktail Watershed Association

Sinnemahoning Creek Watershed Conservation Plan Advisory Committees

Project Area Characteristics

Charlotte Dietrich	Potter County Planning Commission
David Brooks	Potter County Visitor's Association
Douglas D'Amore	Sproul State Forest
Don Hegberg	DEP Knox District Office
Don Chiappelli	Resident
Dr. Peter Ryan	Trout Unlimited ~ God's Country
Joe Parr	First Fork Watershed Associations
Joseph Hummer	Penn State DuBois E.C.O. Club
Wes Fahringer	DCNR - Region 4 - Northcentral - Williamsport Regional Office
Matt Marusiak	Northcentral Regional Planning & Development Commission
Matthew Quesenberry, Sr.	Elk County Planning Department
Michael Wennin	PA Lumber Heritage Region Cameron County Historical Society
Tim Horner	Sinnemahoning Sportsmen's Association, Inc.
Phil Burkhouse	PA Elk Range Adventures NWPAs Great Outdoors Visitor's Bureau
Renee Carey	Northcentral PA Conservancy West Branch Region of the Susquehanna Greenways Partnership
Todd Sparks	Hancock Timber Resource Group
Kirt Colkitt	First Fork Watershed
Jodi Brennan	Clearfield County Planning Commission
Bob Imhof	Northcentral PA Regional Planning & Development Commission PA Wilds Planning Team

Land Resources

Charlotte Dietrich	Potter County Planning Commission
David Brooks	Potter County Visitor's Association
Douglas D'Amore	Sproul State Forest
Don Hegberg	DEP Knox District Office
Don Chiappelli	Resident
Dr. Peter Ryan	Trout Unlimited ~ God's Country
Joe Parr	First Fork Watershed Associations
Joseph Hummer	Penn State DuBois E.C.O. Club
Wes Fahringer	DCNR - Region 4 - Northcentral - Williamsport Regional Office
Matt Marusiak	Northcentral Regional Planning & Development Commission
Matthew Quesenberry, Sr.	Elk County Planning Department
Michael Wennin	PA Lumber Heritage Region Cameron County Historical Society
Tim Horner	Sinnemahoning Sportsmen's Association, Inc.
Phil Burkhouse	PA Elk Range Adventures NWPAs Great Outdoors Visitor's Bureau
Renee Carey	Northcentral PA Conservancy West Branch Region of the Susquehanna Greenways Partnership
Todd Sparks	Hancock Timber Resource Group
Kirt Colkitt	First Fork Watershed
Jodi Brennan	Clearfield County Planning Commission
Tina Lorson	Cameron County Chamber of Commerce
Daryl Jackson	Old Alth Farm
Fred Berry	Clearfield County Conservation District
Michele DePhilip	The Nature Conservancy in PA
Heather McKean	McKean County Conservation District
Tom Clark	Susquehanna River Basin Commission
Paul Lilja	Black Forest Conservation Association
Gary Fleeger	PA Geological Survey
Donald "Stretch" Reed	Emporium Borough

Sinnemahoning Creek Watershed Conservation Plan Advisory Committees

Water Resources

Charlotte Dietrich	Potter County Planning Commission
David Brooks	Potter County Visitor's Association
Douglas D'Amore	Sproul State Forest
Don Hegberg	DEP Knox District Office
Don Chiappelli	Resident
Dr. Peter Ryan	Trout Unlimited ~ God's Country
Joe Parr	First Fork Watershed Associations
Joseph Hummer	Penn State DuBois E.C.O. Club
Wes Fahringer	DCNR - Region 4 - Northcentral - Williamsport Regional Office
Matt Marusiak	Northcentral Regional Planning & Development Commission
Matthew Quesenberry, Sr.	Elk County Planning Department
Michael Wennin	PA Lumber Heritage Region Cameron County Historical Society
Tim Horner	Sinnemahoning Sportsmen's Association, Inc.
Phil Burkhouse	PA Elk Range Adventures NWPAs Great Outdoors Visitor's Bureau
Renee Carey	Northcentral PA Conservancy West Branch Region of the Susquehanna Greenways Partnership
Todd Sparks	Hancock Timber Resource Group
Kirt Colkitt	First Fork Watershed
Jodi Brennan	Clearfield County Planning Commission
Tina Lorson	Cameron County Chamber of Commerce
Daryl Jackson	Old Alth Farm
Fred Berry	Clearfield County Conservation District
Michele DePhilip	The Nature Conservancy in PA
Heather McKean	McKean County Conservation District
Tom Clark	Susquehanna River Basin Commission
Paul Lilja	Black Forest Conservation Association
Gary Fleegeer	PA Geological Survey
Kirk Bainey	Resident
Kelley Flaherty	Bucktail Watershed Association
Steve VanEerden	Bucktail Watershed Association
Jane Headrick	Lakeview Store

Biological Resources

Charlotte Dietrich	Potter County Planning Commission
David Brooks	Potter County Visitor's Association
Douglas D'Amore	Sproul State Forest
Don Hegberg	DEP Knox District Office
Don Chiappelli	Resident
Dr. Peter Ryan	Trout Unlimited ~ God's Country
Joe Parr	First Fork Watershed Associations
Joseph Hummer	Penn State DuBois E.C.O. Club
Wes Fahringer	DCNR - Region 4 - Northcentral - Williamsport Regional Office
Matt Marusiak	Northcentral Regional Planning & Development Commission
Matthew Quesenberry, Sr.	Elk County Planning Department
Michael Wennin	PA Lumber Heritage Region Cameron County Historical Society
Tim Horner	Sinnemahoning Sportsmen's Association, Inc.
Phil Burkhouse	PA Elk Range Adventures NWPAs Great Outdoors Visitor's Bureau
Renee Carey	Northcentral PA Conservancy West Branch Region of the Susquehanna Greenways Partnership
Todd Sparks	Hancock Timber Resource Group
Kirt Colkitt	First Fork Watershed
Jodi Brennan	Clearfield County Planning Commission

Sinnemahoning Creek Watershed Conservation Plan Advisory Committees

Biological Resources (continued)

Tina Lorson	Cameron County Chamber of Commerce
Daryl Jackson	Old Alth Farm
Michele DePhilip	The Nature Conservancy in PA
Heather McKean	McKean County Conservation District
Paul Lilja	Black Forest Conservation Association
Kelley Flaherty	Bucktail Watershed Association
Steve VanEerden	Bucktail Watershed Association
Jane Headrick	Lakeview Store
Colleen Shannon	Pennsylvania Game Commission

Cultural Resources

Charlotte Dietrich	Potter County Planning Commission
David Brooks	Potter County Visitor's Association
Douglas D'Amore	Sproul State Forest
Don Hegberg	DEP Knox District Office
Don Chiappelli	Resident
Dr. Peter Ryan	Trout Unlimited ~ God's Country
Joe Parr	First Fork Watershed Associations
Joseph Hummer	Penn State DuBois E.C.O. Club
Wes Fahringer	DCNR - Region 4 - Northcentral - Williamsport Regional Office
Matt Marusiak	Northcentral Regional Planning & Development Commission
Matthew Quesenberry, Sr.	Elk County Planning Department
Michael Wennin	PA Lumber Heritage Region Cameron County Historical Society
Tim Horner	Sinnemahoning Sportsmen's Association, Inc.
Phil Burkhouse	PA Elk Range Adventures NWPA Great Outdoors Visitor's Bureau
Renee Carey	Northcentral PA Conservancy West Branch Region of the Susquehanna Greenways Partnership
Todd Sparks	Hancock Timber Resource Group
Kirt Colkitt	First Fork Watershed
Jodi Brennan	Clearfield County Planning Commission
Tina Lorson	Cameron County Chamber of Commerce
Daryl Jackson	Old Alth Farm
Paul Lilja	Black Forest Conservation Association
Steve VanEerden	Bucktail Watershed Association
Jane Headrick	Lakeview Store
Sandy Fink Barrett	Clearfield County Recreation and Tourism Authority
Bill Callahan	PA Historical & Museum Comm.

APPENDIX C. AGRICULTURAL SOILS

Prime Farmland

Map Symbol	Soil Name	Slope Character (% slope)
<i>Cameron and Elk counties</i>		
AbB	Albrights silt loam	3 to 8
Ba	Barbour fine sandy loam	
Bb	Basher silt loam	
BuB	Buchanan silt loam	3 to 8
CeB	Clymer channery loam	3 to 8
CoA	Cookport channery loam	0 to 3
CoB	Cookport channery loam	3 to 8
GpB	Gilpin silt loam	3 to 8
HoB	Hazleton channery loam	3 to 8
LeB	Leck Kill channery silt loam	3 to 8
Ph	Philo silt loam	
Po	Pope silt loam	
WaB	Wharton silt loam	3 to 8

Clearfield County

AIB	Allegheny silt loam	3 to 8
CIB	Clymer channery loam	3 to 8
CoB	Cookport channery loam	3 to 8
GIB	Gilpin channery silt loam	3 to 8
HcB	Hazleton-Clymer channery loams	3 to 8
Ph	Philo silt loam	
Po	Pope loam	
RaB	Rayne silt loam	3 to 8
WhB	Wharton silt loam	3 to 8

Clinton County

AgB	Allenwood gravelly silt loam	3 to 8
Ba	Barbour fine sandy loam	
Bc	Basher silt loam	
BhB	Buchanan gravelly loam	3 to 8
CcA	Chenango gravelly loam	0 to 3
CcB	Chenango gravelly loam	3 to 8
CdB	Clymer loam	3 to 8
CeA	Clymer channery loam	0 to 3
CeB	Clymer channery loam	3 to 8
CmA	Comly silt loam	0 to 3
CmB	Comly silt loam	3 to 8
CnB	Cookport silt loam	3 to 8

Map Symbol	Soil Name	Slope Character (% slope)
<i>Clinton County (continued)</i>		
GpB	Gilpin silt loam	3 to 8
HeA	Hagerstown silt loam	0 to 3
HeB	Hagerstown silt loam	3 to 8
HfB	Hagerstown silty clay loam	3 to 8
HIB	Hazleton-Clymer channery loams	3 to 8
HuB	Hustontown silt loam	3 to 8
KrA	Kreamer silt loam	0 to 3
LaB	Laidig gravelly loam	3 to 8
LkB	Leck kill channery silt loam	3 to 8
Lo	Linden silt loam, occasionally flooded	
Lr	Linden silt loam, rarely flooded	
MeB	Meckesville silt loam	3 to 8
MoB	Morrison channery sandy loam	3 to 8
MuA	Murrill silt loam	0 to 3
MuB	Murrill silt loam	3 to 8
Pb	Philo silt loam	
Pc	Philo-Linden silt loams	
TaA	Tilsit silt loam	0 to 3
TmA	Timberville silt loam	0 to 3
TmB	Timberville silt loam	3 to 8
UnB	Ungers loam,	3 to 8
WaA	Watson silt loam	0 to 5
WbB	Wharton silt loam	3 to 8
WhA	Wheeling silt loam	0 to 3
ZoA	Zoar silt loam	0 to 3

McKean County

AbB	Albrights silt loam	3 to 8
Ba	Barbour loam	
Bb	Basher silt loam	
BeB	Braceville silt loam	3 to 8
BuB	Buchanan silt loam	3 to 8
CbB	Castile gravelly silt loam	3 to 8
ChB	Chenango gravelly loam	3 to 8
CIB	Clymer loam	3 to 8
CoA	Cookport loam	0 to 3
CoB	Cookport loam	3 to 8

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Map Symbol	Soil Name	Slope Character (% slope)
McKean County		
GnB	Gilpin channery silt loam	3 to 8
HbB	Hazleton channery loam	3 to 8
KnB	Kinzua channery silt loam	3 to 8
LeB	Leck Kill channery silt loam	3 to 8
Ph	Philo silt loam	
Po	Pope loam	
WaB	Wharton silt loam	3 to 8

Potter County

Ba	Barbour fine sandy loam	0 to 3
Bb	Barbour fine sandy loam, high bottom phase	0 to 3
Bc	Barbour gravelly fine sandy loam	0 to 3
Bd	Basher sandy loam	0 to 3
Be	Basher silt loam	0 to 3
Bf	Basher silt loam, high bottom phase	0 to 3
BhB	Bath channery silt loam	0 to 12
Bn	Braceville gravelly silt loam	0 to 5
CfB	Chenango gravelly loam	0 to 12
CIB	Clymer channery loam	0 to 12
CoB	Cookport channery loam	0 to 8
Ha	Holly sandy loam	0 to 3
HaB	Hartleton channery silt loam	3 to 15
HuB	Hustontown channery silt loam	3 to 8
HxB	Hazleton channery loam	3 to 15
LaB	Lackawanna channery loam	3 to 8
LdC	Laidig channery loam	0 to 15
LkB	Leck Kill channery loam	3 to 15
LoB	Lordstown channery silt loam	0 to 12
MaB	Mardin channery silt loam	0 to 8
Me	Middlebury sandy loam	0 to 3
Mf	Middlebury silt	0 to 3
Mg	Middlebury silt loam, high bottom phase	0 to 3
ScA	Scio fine sandy loam-silt loam	0 to 3
TaA	Tioga fine sandy loam	0 to 3
TgA	Tioga gravelly loam	0 to 3
CoA	Cookport loam	0 to 3
CoB	Cookport loam	3 to 8
ThA	Tioga fine sandy loam, high bottom phase	0 to 3

Map Symbol	Soil Name	Slope Character (% slope)
Potter County (continued)		
TuB	Tunkhannock gravelly loam	0 to 12
UfA	Unadilla fine sandy loam	0 to 3
UnA	Unadilla silt loam	0 to 3
WeB	Wellsboro channery silt loam	0 to 8
WhB	Wharton channery silt loam	0 to 12

Farmland of Statewide Importance

Cameron and Elk Counties

AbC	Albrights silt loam	8 to 15
At	Atkins silt loam	
BuC	Buchanan silt loam	8 to 15
CaA	Cavode silt loam	0 to 3
CaB	Cavode silt loam	3 to 8
CaC	Cavode silt loam	8 to 15
CeC	Clymer channery loam	8 to 15
CoC	Cookport channery loam	8 to 15
Cr	Craigsville gravelly loam	
GpC	Gilpin silt loam	8 to 15
HaB	Hartleton channery silt loam	3 to 8
HaC	Hartleton channery silt loam	8 to 15
HoC	Hazleton channery loam	8 to 15
LeC	Leck Kill channery silt loam	8 to 15
WaC	Wharton silt loam	8 to 15

Clearfield County

At	Atkins silt loam	
BeB	Berks shaly silt loam	3 to 8
BeC	Berks shaly silt loam	8 to 15
CaB	Cavode silt loam	3 to 8
CaC	Cavode silt loam	8 to 15
CIC	Clymer channery loam	8 to 15
CoC	Cookport channery loam	8 to 15
DeB	Dekalb channery loam	3 to 8
DeC	Dekalb channery loam	8 to 15
ErB	Ernest silt loam	3 to 8
ErC	Ernest silt loam	8 to 15
GIc	Gilpin channery silt loam	8 to 15
HcC	Hazleton-Clymer channery loams	8 to 15
HrB	Hartleton channery silt loam	3 to 8
HrC	Hartleton channery silt loam	8 to 15
MoB	Monongahela silt loam	3 to 8

Farmland of Statewide Importance

Map Symbol	Soil Name	Slope Character (% slope)
Clearfield County (continued)		
RaC	Rayne silt loam	8 to 15
TyA	Tyler silt loam	0 to 3
TyB	Tyler silt loam	3 to 6
WhC	Wharton silt loam	8 to 15

Clinton County

AgC	Allenwood gravelly silt loam	8 to 15
At	Atkins silt loam	
Bb	Barbour-Craigsville complex	
BeB	Berks channery silt loam	3 to 8
BeC	Berks channery silt loam	8 to 15
BuB	Buchanan-Andover gravelly loams	3 to 8
BuC	Buchanan-Andover gravelly loams	8 to 15
CaB	Calvin channery silt loam	3 to 8
CeC	Clymer channery loam	8 to 15
CmC	Comly silt loam	8 to 15
Cr	Craigsville gravelly loam	
GpC	Gilpin silt loam	8 to 15
HeC	Hagerstown silt loam	8 to 15
HgC	Hagerstown-Opequon silty clay loams	8 to 15
HhA	Hartleton channery silt loam	0 to 3
HhB	Hartleton channery silt loam	3 to 8
HhC	Hartleton channery silt loam	8 to 15
HIC	Hazleton-Clymer channery loams	8 to 15
HuC	Hustontown silt loam	8 to 15
LaC	Laidig gravelly loam	8 to 15
LkC	Leck kill channery silt loam	8 to 15
MeC	Meckesville silt loam	8 to 15
Mn	Melvin and Newark silt loams	
MoC	Morrison channery sandy loam	8 to 15
MuC	Murrill silt loam	8 to 15
TaB	Tilsit silt loam	3 to 8
TaC	Tilsit silt loam	8 to 15
UnC	Ungers loam	8 to 15
WbC	Wharton silt loam	8 to 15
WyA	Wyoming very gravelly loam	0 to 3
WyB	Wyoming very gravelly loam	3 to 8

Map Symbol	Soil Name	Slope Character (% slope)
McKean County (continued)		
McKean County		

AbC	Albrights silt loam	8 to 15
BuC	Buchanan silt loam	8 to 15
CaA	Cavode silt loam	0 to 3
CaB	Cavode silt loam	3 to 8
CeC	Ceres channery silt loam	8 to 15
CoC	Cookport loam	8 to 15
EdB	Eldred silt loam	3 to 8
EIB	Elko silt loam	3 to 8
ElC	Elko silt loam	8 to 15
GnC	Gilpin channery silt loam	8 to 15
HaB	Hartleton channery silt loam	3 to 8
HaC	Hartleton channery silt loam	8 to 15
HbC	Hazleton channery loam	8 to 15
KnC	Kinzua channery silt loam	8 to 15
LeC	Leck Kill channery silt loam	8 to 15
MaB	Mandy channery silt loam	3 to 8
MaC	Mandy channery silt loam	8 to 15
OnC	Onoville silt loam	8 to 15
PoB	Portville silty clay loam	3 to 8
ReA	Rexford silt loam	0 to 3
ShB	Shongo silt loam	3 to 8
WaC	Wharton silt loam	8 to 15

Potter County

AbA	Albrights silt loam	0 to 3
AbB	Albrights silt loam	3 to 8
AbC	Albrights silt loam	8 to 15
AbD	Albrights silt loam	15 to 35
At	Atkins silt loam	
BhD	Bath channery silt loam	12 to 20
CaB	Cavode silt loam	0 to 8
CaC	Cavode silt loam	8 to 15
CbB	Cavode channery silt loam	0 to 8
CbC	Cavode channery silt loam	8 to 15
CfD	Chenango gravelly loam	12 to 20
CID	Clymer channery loam	12 to 20
CoC	Cookport channery loam	8 to 15

Farmland of Statewide Importance

Map Symbol	Soil Name	Slope Character (% slope)
<i>Potter County (continued)</i>		
CrA	Craigsville gravelly loam	
DfB	Dekalb fine sandy loam	0 to 12
DfD	Dekalb fine sandy loam	12 to 20
DkB	Dekalb channery loam, 10 to 25 inches deep	0 to 12
DkD	Dekalb channery loam, 10 to 25 inches deep	12 to 20
HaD	Hartleton channery silt loam	15 to 25
HuC	Hustontown channery silt loam	8 to 15
LaC	Lackawanna channery loam	8 to 15
LoD	Lordstown channery silt loam	12 to 20
LwB	Lehew silt loam	3 to 8
LwC	Lehew silt loam	8 to 15
LwD	Lehew silt loam	15 to 25

Map Symbol	Soil Name	Slope Character (% slope)
<i>Potter County (continued)</i>		
MaC	Mardin channery silt loam	8 to 15
MoA	Morris silt loam	0 to 3
MoB	Morris silt loam	3 to 8
MoD	Morris silt loam	15 to 25
OaB	Oquaga channery loam	0 to 12
OaD	Oquaga channery loam	12 to 20
SoB	Solon channery silt loam	0 to 15
SoD	Solon channery silt loam	15 to 35
TuD	Tunkhannock gravelly loam	12 to 20
VoA	Volusia channery silt loam	0 to 3
VoB	Volusia channery silt loam	3 to 8
VoC	Volusia channery silt loam	8 to 15
WeC	Wellsboro channery silt loam	8 to 15
WhD	Wharton channery silt loam	12 to 20

APPENDIX D. MINING PERMITS

Mine	Permit #	Permit Holder	Municipality	County	Status	Operation
Cameron County						
Reed Hollow Mine	12060101	Allegheny Enterprises Inc.	Lumber Township	Cameron	Active	Coal mining surface mine
Troncone Pit	12920801	Steven S. Troncone	Portage Township	Cameron	Active	Industrial mining small surface mine
1555 Mine	12040102	Allegheny Enterprises Inc.	Shippen Township	Cameron	Active	Coal mining surface mine
1556 Mine	12040101	Allegheny Enterprises Inc.	Shippen Township	Cameron	Active	Coal mining surface mine
Greenwald Quarry	12000801	George F. Brown Excav.	Shippen Township	Cameron	Active	Industrial mining small surface mine
R & S Stone Quarry	12990801	Robert V. Rupp Excav. Contr.	Shippen Township	Cameron	Active	Industrial mining small surface mine
Robert V. Rupp Excav.	12960802	Robert V. Rupp Excav. Contr.	Shippen Township	Cameron	Active	Industrial mining small surface mine
Clearfield County						
Buhler Quarry	17020801	Michael Buhler	Huston Township	Clearfield	Active	Industrial mineral small surface mine
Chagrin 1 Mine	17030109	Tamburlin Bros. Coal Co. Inc.	Huston Township	Clearfield	Active	Coal mining surface mine
L A Munn Quarry	17052801	Leslie A. Munn	Huston Township	Clearfield	Active	Industrial mineral small surface mine
Lady Jane Collieries Horning Run Passive Treat Mine 1	17031701	Lady Jane Collieries Inc.	Huston Township	Clearfield	Active	Prep plant post mining treatment
Penfield 1 Mine	17900105	Southwest Reclamation Inc.	Huston Township	Clearfield	Active	Coal mining surface mine
Penfield 1 Mine	17010301	Veolia ES Greentree LDFL LLC	Huston Township	Clearfield	Active	Industrial mineral small surface mine
Penfield Collieries LLC/STOTT No 1	39-1964614-1	Penfield Collieries LLC	Huston Township	Clearfield	Active	Mineral preparation plant
Penfield Mine	17930109	WPS Empire State Inc., Floyd Mottery Coal Inc	Huston Township	Clearfield	Active	Coal mining surface mine
Penfield OPR	17860301	North Star Aggregates Inc.	Huston Township	Clearfield	Active	Large Surface Mining Permit
Rosebud Mining Penfield Mine	17041301	Rosebud Mining Co.	Huston Township	Clearfield	Active	Coal mining underground mine
Elk County						
McCullough 1 Mine	2479103	P & N Coal Co. Inc.	Benezette Township	Elk	Active	Coal mining surface mine
Moshannon Mine	24030102	Amfire Mining Co. LLC	Fox Township	Elk	Active	Coal mining surface mine
Buhler 1 Mine	4673SM15	Sky Haven Coal Inc.	Jay Township	Elk	Active	Coal mining surface mine
Caledonia 1 Mine	24-05-02	Tamburlin Bros. Coal Co. Inc., DC Guelich Explosives Co.	Jay Township	Elk	Active	Coal mining surface mine
Cardiff 2 Mine	24840106	Fairview Coal Co.	Jay Township	Elk	Active	Coal mining surface mine
Gardner Mine	24020803	Francis Gardner	Jay Township	Elk	Active	Industrial mining small surface mine
Red Hill Stone 2 Mine	24050802	M & M Contr.	Jay Township	Elk	Active	Industrial mining small surface mine
Red Hill Stone Mine	24030805	M & M Contr.	Jay Township	Elk	Active	Industrial mining small surface mine
Spring Run Mine	24970104	TDK Coal Sales Inc	Jay Township	Elk	Active	Coal mining surface mine
Strutt 1 Mine	4676SM1	Sky Haven Coal Inc.	Jay Township	Elk	Active	Coal mining surface mine
Potter County						
Southwoods Quarry	53060802	Cynthia M. & Robert F. Monroe	Homer Township	Potter	Active	Industrial mining small surface mine
Ludwig's Garage Quarry	53060803	James L. Ludwig	Keating Township	Potter	Active	Industrial mining small surface mine
Gordneir Quarry	53960805	Gordneir Excavating	Keating Township	Potter	Active	Industrial mining small surface mine

APPENDIX E. RESOURCE CONSERVATION RECOVERY ACT

Site	Permit	Type	City
AMER Sintered Tech	PAR000008904	CESQG	Emporium
Borough of Emporium	PAD987390499	CESQG	Emporium
Caldwell	PAD002124352	CESQG	Emporium
Commodore Homes of PA	PAD987401163	CESQG	Shippenville
Conrail Diesel Fueling Facility	PAD000799635	Not in a Universe	Emporium
Costal Well Service	PAD980714869	Not in a Universe	Emporium
Custom Ind. Products	PAD074013327	LQG	St. Marys
Dominion Transmission Ardell CS	PA0000008268	LQG	Benezette
E&G Auto Parts	PAD014071401	Not in a Universe	Emporium
E&G Auto Parts, Incorporated	PAR000043414	CESQG	Emporium
Easter Sintered Alloys	PAR000020719	SQG	St. Marys
Elk Power	PAD987346467	SQG	St. Marys
Emporium Specialty Ausin Metal Plant	PAD002101335	CESQG	Austin
Force Garage	PAD063983282	SQG	Force
GE Transportation System	PAD002124469	CESQG	Emporium
GKN Sinter Metals Fairview Rd Kersey	PAD094165586	SQG	Kersey
Greeley Max & Sons	PAD048388029	Not in a Universe	Austin
Kwikfill	PAD987333234	CESQG	Emporium
Mark Ramsey Trucking and Auto Realty	PA0001001155	CESQG	Emporium
Mercer Spring and Wire	PAD004319026	CESQG	Townville
National Fuel Gas Henderson Station	PAD987324365	SQG	Stoneboro
Pearsons Dry Cleaning	PAD982363830	Not in a Universe	Emporium
Penske Truck/Leasing Company L.P.	PAD982567968	Not in a Universe	Penfield
Pro American Manufacturing Corporation	PAD987362399	Not in a Universe	Emporium
Quality Dispersions Incorporated	PA0000014845	CESQG	Kersey
Shippen Township Plant 1	PAD002131837	CESQG	Emporium
Street Machines	PAD982580243	CESQG	Coudersport
Transcontinental Gas/Wharton Station 535	PAD085675460	CESQG	Austin
UPS Franklin Distribution Center.	PAD987373107	CESQG	Seneca

APPENDIX F. NPDES PERMITS

Site/Facility Name	Address 1	City	Zip	Permit #	Permit Description	Issue Date	Expire Date	Latitude	Longitude
<i>Cameron County</i>									
W Edward Badeau	RR 1	Driftwood	15832	PA0228699		7/24/2003	7/31/2008	41.595	-78.188055
Barren Street Plant	RR 2 Box 47	Emporium	15834	PAR204809	Primary metal products, not elsewhere classified	2/13/1997	2/28/2002	41.5075	-78.221388
Cameron Co Commiss	Cameron Co Court House	Emporium	15834	PAR404805	Refuse systems	11/12/1997	11/30/2002	41.454444	-78.226666
Embassy Powdered Metals	Airport Road	Emporium	15834	PA0228150	Primary metal products, not elsewhere classified	4/18/2005	4/30/2010	41.509866	-78.246624
GE Transp sys	55 Pine Street	Emporium	15834	PAR114804	Motors and generators	3/1/2002	2/28/2007	41.50898	-78.229685
Mid Cameron Authority	421 North Broad Street	Emporium	15834	PAL028631	Sewerage Systems	1/8/2003	1/31/2008	41.511777	-78.237762
PLT 6 Airport Road	1 Airport Road	Emporium	15834	PA0209449	Fabricated metal products, not elsewhere classified	11/27/2002	11/30/2007	41.510346	-78.247326
Pro American Manufacturing Cor	221 East Second Street	Emporium	15834	PA0112941	Hand and edge tools, except machine tools and handsaws	8/11/2005	8/31/2010	41.510185	-78.235
Shippen Twp PLT 1	Cameron Road	Emporium	15834	PA0010651	Primary metal products, not elsewhere classified	11/16/2004	11/30/2009	41.447706	-78.176598
Wennin Pallet	21063 CCC Memorial Highway	Emporium	15834	PAR224851	Ice cream and frozen deserts	12/1/2004	11/30/2009	41.447325	-78.175518
Grove Twp Crestline Stp	SR 2001, P.O. Box 43	Sinnemahoning	16861	PA0113743	Sewerage Systems	10/22/2003	10/31/2008	41.320083	-78.087888
Mary Keller - Keller Oil Company	Carey Country Store	Sinnemahoning	15861	PAG054811		9/12/2000	9/30/2005	41.318611	-78.095

Sinnemahoning Creek Watershed Conservation Plan

Site/Facility Name	Address 1	City	Zip	Permit #	Permit Description	Issue Date	Expire Date	Latitude	Longitude
Clearfield County									
Thomas Frank	Hickory Lane	Dubois	15801	PAG045121	Operators of dwellings other than apartment buildings	9/13/2004	2/4/2009	41.178611	-78.648611
Camp Mountain Run	5091 Mt Run Rd	Penfield	15849	PA0031798	Sporting and recreation camps	2/1/2005	1/31/2010	41.191111	-78.6325
Clean Earth Dredging Tech Inc	Bark Camp Mine Complex	Penfield	15849	PAR304802	Anthracite mining	12/15/2005	12/31/2010	41.179166	-78.570833
Huston Twp Sew Auth WWTF	PA 255 S	Penfield	15849	PA0228346	Sewerage Systems	4/24/2006	4/30/2011	41.241944	-78.533611
PA DCNR	Parker Dam State Park	Penfield	15849	PA0044245	Museums and art galleries	7/2/2004	7/31/2009	41.201603	-78.51099
Pine Valley Court	21 Ponderosa Dr	Penfield	15849	PA0115282		4/11/2003	4/30/2008	41.195972	-78.594824

Elk County									
Benjamin Roberts	Benezette Store	Benezette	15821	PAG058347		2/5/2003	12/12/2007	41.314777	-78.384222
SMS Tank Disposal Co Inc	RR3 Box 291	Punxsutawney	15767	PAR608308	Scrap and waste materials	1/20/1999	1/19/2004	41.258888	-78.494444
Charles & Erica Miller	1554 Rosely Rd	Saint Marys	15857	PAG048420		9/12/2001	9/11/2006	41.427899	-78.495702
City Transf Garage	900 Brussels Street	Saint Marys	15857	PAR808329		4/3/2003	4/2/2008	41.428145	-78.542932
Gregory Meyer	558 Robin Road Ext	Saint Marys	15857	PA0239097		5/9/2003	5/8/2008	41.420833	-78.504444
Harvey Wolfe	1547 Rosely Road	Saint Marys	15857	PA0101176		4/14/2003	4/13/2008	41.428053	-78.49726
Joshua Kephart	RR2 Box 192		16830	PAG044850	Operators of dwellings other than apartment buildings	9/13/2004	2/4/2009	41.362777	-78.344166
Joshua Wendel	1237 East Eshbach Road	Saint Marys	15857	PA0239089		5/9/2003	5/8/2008	41.420538	-78.522242
Penn Pallet Inc	675 Fillmore Road	Saint Marys	15857	PAR228313		11/5/2002	11/4/2007	41.436245	-78.529204
Rodney Dinsmore	710 Theresa St	Saint Marys	15857	PAG048650		2/23/2000	2/22/2005	41.42964	-78.547219

Sinnemahoning Creek Watershed Conservation Plan

Site/Facility Name	Address 1	City	Zip	Permit #	Permit Description	Issue Date	Expire Date	Latitude	Longitude
<i>Elk County</i>									
Rodney J. Dinsmore Property	S Michael Rd	Saint Marys	15857	PA0238732		5/14/2002	5/13/2007	41.414166	-78.504722
Timothy J. Herbstritt SFTF	Rosely Rd	Saint Marys	15857	PA0238627		8/8/2001	8/31/2006	41.438799	-78.468015
Jay Twp Weedville STP	Redwood Rd	Weedville	15868	PA0104141		9/17/2003	9/16/2008	41.273611	-78.49

Potter County

Austin Boro Water Sys	Horn Hollow Road	Austin	16720	PA0208825	Sewerage Systems	4/15/2004	4/30/2009	41.634265	-78.103815
Emporium Specialty Austin Metal Plt	94 Foster Street	Austin	16720	PA0111830		4/16/2004	4/30/2009	41.625979	-78.092052
Demorgan Acres MHP	RR2 Box D38	Canton	17724	PA0114324	Sewerage Systems	12/12/2001	12/31/2006	41.6925	-77.851388

APPENDIX G. WATERWAY DESIGNATIONS

Stream Order	Waterway	Zones	County	Use Designation
4	Bennett Branch Sinnemahoning Creek	Main Stem, Source to Mill Run	Cameron	CWF
5	Unnamed Tributaries to Bennett Branch Sinnemahoning Creek	Basins	Clearfield-Elk-Cameron	CWF
5	McCracken Run	Basin	Clearfield	CWF
5	South Branch Bennett Branch	Basin	Clearfield	HQ-CWF
5	Heath Run	Basin	Clearfield	CWF
5	Bark Camp Run	Basin	Clearfield	CWF
5	Mountain Run	Basin	Clearfield	CWF
5	Matley Hollow	Basin	Clearfield	CWF
5	Wilson Run	Basin, Source to East Branch Wilson Run	Clearfield	CWF
6	East Branch Wilson Run	Basin	Clearfield	HQ-CWF
5	Wilson Run	Basin, East Branch Wilson Run to Mouth	Clearfield	CWF
5	Moose Run	Basin	Clearfield	CWF
5	Horning Run	Basin	Clearfield	CWF
5	Lamb Hollow	Basin	Clearfield	CWF
5	Horning Hollow	Basin	Clearfield	CWF
5	Mill Run	Basin	Clearfield	CWF
4	Bennett Branch Sinnemahoning Creek	Main Stem, Mill Run to Confluence with Driftwood Branch	Cameron	WWF
5	Tyler Run	Basin	Clearfield	CWF
5	Cherry Run	Basin, Source to Shawmut Dam	Elk	HQ-CWF
5	Cherry Run	Basin, Shawmut Dam to Mouth	Elk	CWF
5	Kersey Run	Basin, Source to Byrnes Run	Elk	CWF
6	Byrnes Run	Basin	Elk	EV
5	Kersey Run	Basin, Byrnes Run to Mouth	Elk	CWF
5	Laurel Run	Basin	Elk	HQ-CWF
5	Bakemans Run	Basin	Elk	CWF
5	Medix Run	Basin	Elk	HQ-CWF
5	Trout Run	Basin, Source to Spring Run	Elk	CWF
6	Spring Run	Basin, Source to UNT 24721	Elk	CWF
7	UNT 24721 to Spring Run	Basin	Elk	CWF
6	Spring Run	Basin, UNT 24721 to Stony Brook	Elk	HQ-CWF
7	Stony Brook	Basin	Elk	CWF

Sinnemahoning Creek Watershed Conservation Plan

Stream Order	Waterway	Zones	County	Use Designation
6	Spring Run	Basin, Stony Run to Mouth	Elk	CWF
5	Trout Run	Basin, Spring Run to Mouth	Elk	CWF
5	Jimmy Run	Basin	Elk	CWF
5	Johnson Run	Basin	Elk	CWF
5	Wainwright Run	Basin	Elk	CWF
5	Charlies Run	Basin	Elk	CWF
5	Dents Run	Basin	Elk	HQ-CWF
6	East Branch Hicks Run	Basin Source to Confluence with West Branch	Elk	HQ-CWF
6	West Branch Hicks Run	Basin, Source to Confluence with East Branch	Elk	EV
5	Hicks Run	Basin, Confluence of East and West Branches to Mouth	Cameron	HQ-CWF
5	Hicks Hollow	Basin	Cameron	CWF
5	Beaverdam Run	Basin	Cameron	CWF
5	Stone Quarry Hollow	Basin	Cameron	CWF
5	Miller Run	Basin	Cameron	HQ-CWF
5	Water Plug Hollow	Basin	Cameron	CWF
5	Mix Run	Basin, Source to English Draft Run	Elk	EV
6	English Draft Run	Basin	Elk	HQ-CWF
5	Mix Run	Basin, English Draft Run to Mouth	Cameron	HQ-CWF
5	Little Dent Run	Basin	Cameron	CWF
5	Nanny Run	Basin	Cameron	CWF
5	Boyer Run	Basin	Cameron	CWF
4	Driftwood Branch Sinnemahoning Creek	Basin, Source to Elk Fork	Cameron	HQ-CWF
5	Elk Fork	Basin, Source to Nichols Run	Cameron	EV
6	Nichols Run	Basin	Cameron	HQ-CWF
5	Elk Fork	Basin, Nichols Run to Mouth	Cameron	HQ-CWF
4	Driftwood Branch Sinnemahoning Creek	Main Stem, Elk Fork to Confluence with Bennett Branch	Cameron	TSF
5	Unnamed Tributaries to Driftwood Branch Sinnemahoning Creek	Basins, Elk Fork to Confluence with Bennett Branch	Cameron	HQ-CWF
5	Big Run	Basin	Cameron	HQ-CWF
5	Bobby Run	Basin	Cameron	HQ-CWF
5	Cooks Run	Basin	Cameron	EV
5	Johns Run	Basin	Cameron	HQ-CWF
5	Britton Run	Basin	Cameron	HQ-CWF

Sinnemahoning Creek Watershed Conservation Plan

Stream Order	Waterway	Zones	County	Use Designation
5	Clear Creek	Basin, Source to Mud Run	Cameron	EV
6	Mud Run	Basin	Cameron	HQ-CWF
5	Clear Creek	Basin, Mud Run to Mouth	Cameron	HQ-CWF
5	Ferguson Hollow	Basin	Cameron	HQ-CWF
5	North Creek	Basin	Cameron	HQ-CWF
5	Swesey Hollow	Basin	Cameron	HQ-CWF
5	Dodge Hollow	Basin	Cameron	HQ-CWF
5	Eddy Run	Basin	Cameron	HQ-CWF
5	Wheaton Hollow	Basin	Cameron	HQ-CWF
5	West Creek	Basin	Cameron	HQ-CWF
5	Sinnemahoning Portage Creek	Basin, Source to Cowley Run	Cameron	EV
6	Cowley Run	Basin	Cameron	EV
5	Sinnemahoning Portage Creek	Basin, Cowley Run to Mouth	Cameron	CWF
5	Bauer Hollow	Basin	Cameron	HQ-CWF
5	Canoe Run	Basin	Cameron	HQ-CWF
5	Hunts Run	Basin	Cameron	HQ-CWF
5	Stillhouse Run	Basin	Cameron	HQ-CWF
5	Square Timber Run	Basin	Cameron	HQ-CWF
6	Finley Run	Basin, Source to Unnamed Tributary at R.M. 1.7	Cameron	HQ-CWF
6	Finley Run	Basin, Unnamed Tributary at R.M. 1.7 to Confluence with Portable Run	Cameron	CWF
6	Portable Run	Basin, Source to Confluence with Finley Run	Cameron	CWF
5	Sterling Run	Basin, Confluence of Portable Run and Finley Run to Mouth	Cameron	CWF
5	Mason Grove Run	Basin	Cameron	HQ-CWF
5	Wash Mason Run	Basin	Cameron	HQ-CWF
5	John Mason Run	Basin	Cameron	HQ-CWF
5	Big Run	Basin	Cameron	HQ-CWF
5	Dry Run	Basin	Cameron	HQ-CWF
5	Tanglefoot Run	Basin	Cameron	HQ-CWF
5	Nelson Run	Basin	Cameron	HQ-CWF
5	Grindstone Hollow	Basin	Cameron	HQ-CWF
5	Johnson Run	Basin	Cameron	HQ-CWF
3	Sinnemahoning Creek	Main Stem, Confluence of Bennett and Driftwood Branches to Mouth	Clinton	WWF

Sinnemahoning Creek Watershed Conservation Plan

Stream Order	Waterway	Zones	County	Use Designation
4	Unnamed Tributaries to Sinnemahoning Creek	Basins, Confluence of Bennett and Driftwood Branches to Mouth	Cameron-Clinton	HQ-CWF
4	Grove Run	Basin	Cameron	HQ-CWF
4	First Fork Sinnemahoning Creek	Basin, Source to Big Nelson Run	Cameron	HQ-CWF
4	First Fork Sinnemahoning Creek	Main Stem, Big Nelson Run to Stevenson Dam	Cameron	HQ-CWF
5	Unnamed Tributaries to First Fork Sinnemahoning Creek	Basins, Big Nelson Run to Stevenson Dam	Potter-Cameron	HQ-CWF
5	Fish Basket Hollow	Basin	Potter	HQ-CWF
5	Little Nelson Run	Basin	Potter	HQ-CWF
5	East Fork Sinnemahoning Creek	Basin, Source to Dolliver Trail	Potter	EV
5	East Fork Sinnemahoning Creek	Main Stem, Dolliver Trail to Mouth	Potter	HQ-CWF
6	Unnamed Tributaries to East Fork Sinnemahoning Creek	Basins, Dolliver Trail to Mouth	Potter	HQ-CWF
6	Shinglebolt Hollow	Basin	Potter	HQ-CWF
6	Horton Run	Basin	Potter	HQ-CWF
6	Stony Lick Run	Basin	Potter	EV
6	Wild Boy Run	Basin	Potter	HQ-CWF
6	Jackson Lick Run	Basin	Potter	HQ-CWF
6	Graveyard Hollow	Basin	Potter	HQ-CWF
6	Stony Run	Basin	Potter	HQ-CWF
6	Jamison Run	Basin	Potter	HQ-CWF
6	Little Joe Run	Basin	Potter	HQ-CWF
6	Camp Run	Basin	Potter	HQ-CWF
6	Gravel Lick Run	Basin	Potter	HQ-CWF
6	Mud Lick Run	Basin	Potter	HQ-CWF
6	Williams Run	Basin	Potter	HQ-CWF
6	Marvin Run	Basin	Potter	HQ-CWF
6	Birch Run	Basin	Potter	EV
6	Long Hollow	Basin	Potter	HQ-CWF
6	Jordan Hollow	Basin	Potter	HQ-CWF
6	Schoolhouse Run	Basin	Potter	HQ-CWF
6	Black Stump Hollow	Basin	Potter	HQ-CWF
6	Upper Vag Hollow	Basin	Potter	HQ-CWF
6	Hunter Hollow	Basin	Potter	HQ-CWF
6	Avery Hollow	Basin	Potter	HQ-CWF
6	Bentley Hollow	Basin	Potter	HQ-CWF
5	Elk Lick Run	Basin	Potter	HQ-CWF
5	Schoolhouse Run	Basin	Potter	HQ-CWF
5	Dry Hollow	Basin	Potter	HQ-CWF
5	Pine Island Run	Basin	Potter	HQ-CWF
5	Bailey Run	Basin, Source to Little Bailey Run	Potter	EV
6	Little Bailey Run	Basin	Potter	HQ-CWF

Sinnemahoning Creek Watershed Conservation Plan

Stream Order	Waterway	Zones	County	Use Designation
5	Bailey Run	Basin, Little Bailey Run to Mouth	Potter	HQ-CWF
5	Barrett Slide	Basin	Potter	HQ-CWF
5	Mahon Run	Basin	Potter	HQ-CWF
5	Berge Run	Basin	Potter	HQ-CWF
5	Upper Logue Hollow	Basin	Cameron	HQ-CWF
5	Logue Run	Basin	Cameron	HQ-CWF
5	Owl Hollow	Basin	Cameron	HQ-CWF
5	Norcross Run	Basin	Cameron	HQ-CWF
5	Rattlesnake Run	Basin	Cameron	HQ-CWF
5	Muley Run	Basin	Cameron	HQ-CWF
5	Mill Run	Basin	Cameron	HQ-CWF
5	Lushbaugh Run	Basin	Cameron	EV
5	Brooks Run	Basin	Cameron	HQ-CWF
5	Little Bailey Run	Basin	Cameron	HQ-CWF
5	Short Bend Run	Basin	Cameron	HQ-CWF
4	First Fork Sinnemahoning Creek	Main Stem, Stevenson Dam to Mouth	Cameron	HQ-TSF
5	Unnamed Tributaries to First Fork Sinnemahoning Creek	Basins, Stevenson Dam to Mouth	Cameron	HQ-CWF
5	Woodrock Run	Basin	Cameron	HQ-CWF
5	Roaring Run	Basin	Cameron	HQ-CWF
5	Bronson Run	Basin	Cameron	HQ-CWF
5	Joes Run	Basin	Cameron	HQ-CWF
5	Guys Hollow	Basin	Cameron	HQ-CWF
5	Lick Island Run	Basin	Cameron	HQ-CWF
5	Pumpkin Hollow	Basin	Cameron	HQ-CWF
5	Arksill Run	Basin	Cameron	HQ-CWF
5	Pepperhill Run	Basin	Cameron	HQ-CWF
5	Riddles Hollow	Basin	Cameron	HQ-CWF
5	Whiteoak Run	Basin	Cameron	HQ-CWF
5	Board Rock Hollow	Basin	Cameron	HQ-CWF
5	Ellicott Run	Basin	Cameron	HQ-CWF
4	Wykoff Run	Basin	Cameron	HQ-CWF
4	Upper Jerry Run	Basin	Cameron	HQ-CWF
4	Lower Jerry Run	Basin	Cameron	HQ-CWF

APPENDIX H. IMPAIRED WATERS

Stream Name	Assessment Unit ID	Source	Cause	List Date	Total Miles	Use Assessed
Bell Draft	PA981014-0709-BPG2461908A	Abandoned Mine Drainage	pH, Metals	2004	1.75	Aquatic Life
Bennett Branch Sinnemahoning Creek	PA71442450808A	Abandoned Mine Drainage	Metals	2004	22.57	Aquatic Life
Bennett Branch Sinnemahoning Creek	PA20010906-1040-JLR2450808A	Abandoned Mine Drainage	pH	2004	4.87	Aquatic Life
Bennett Branch Sinnemahoning Creek	PA71452450808A	Abandoned Mine Drainage	Metals	2004	8.85	Aquatic Life
Bennett Branch Sinnemahoning Creek	PA981014-0909-BPG2450808A	Drainage/Filling/Loss of Wetlands, Highway/Road/ Bridge Runoff (Non-Construction Related)	Sedimentation/Siltation	2004	4.42	Aquatic Life
Bennett Branch Sinnemahoning Creek (UNT 24958)	PA981014-0909-BPG2495808A	Drainage/Filling/Loss of Wetlands, Highway/Road/ Bridge Runoff (Non-Construction Related)	Sedimentation/Siltation	2004	0.86	Aquatic Life
Bennett Branch Sinnemahoning Creek (UNT 24959)	PA981014-0909-BPG2495908A	Drainage/Filling/Loss of Wetlands, Highway/Road/ Bridge Runoff (Non-Construction Related)	Sedimentation/Siltation	2004	0.94	Aquatic Life
Bennett Branch Sinnemahoning Creek (UNT 24960)	PA981014-0909-BPG2496008A	Drainage/Filling/Loss of Wetlands, Highway/Road/ Bridge Runoff (Non-Construction Related)	Sedimentation/Siltation	2004	0.7	Aquatic Life
Bennett Branch Sinnemahoning Creek (UNT 24961)	PA981014-0909-BPG2496108A	Drainage/Filling/Loss of Wetlands, Highway/Road/ Bridge Runoff (Non-Construction Related)	Sedimentation/Siltation	2004	0.95	Aquatic Life
Cherry Run	PA981014-1845-BPG2489708A	Abandoned Mine Drainage	pH, Metals	2004	5.16	Aquatic Life
Cherry Run (UNT 24898)	PA981014-1845-BPG2489808A	Abandoned Mine Drainage	pH, Metals	2004	1.34	Aquatic Life
Cherry Run (UNT 24899)	PA981014-1845-BPG2489908A	Abandoned Mine Drainage	pH, Metals	2004	0.59	Aquatic Life
Cherry Run (UNT 24900)	PA981014-1845-BPG2490008A	Abandoned Mine Drainage	pH, Metals	2004	0.85	Aquatic Life

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Stream Name	Assessment Unit ID	Source	Cause	List Date	Total Miles	Use Assessed
Cherry Run (UNT 24901)	PA981014-1845-BPG2490108A	Abandoned Mine Drainage	pH, Metals	2004	0.65	Aquatic Life
Cherry Run (UNT 24902)	PA981014-1845-BPG2490208A	Abandoned Mine Drainage	pH, Metals	2004	0.51	Aquatic Life
Cole Draft	PA981014-0709-BPG2462908A	Abandoned Mine Drainage	pH, Metals	2004	1.66	Aquatic Life
Cole Draft (UNT 24630)	PA981014-0709-BPG2463008A	Abandoned Mine Drainage	pH, Metals	2004	0.5	Aquatic Life
Dents Run	PA981014-0709-BPG2461208A	Abandoned Mine Drainage	pH, Metals	2004	5.89	Aquatic Life
Dents Run	PA990504-0905-BPG2461208A	Abandoned Mine Drainage	pH	2004	1.32	Aquatic Life
Dents Run (UNT 24613)	PA981014-0709-BPG2461308A	Abandoned Mine Drainage	pH, Metals	2004	0.65	Aquatic Life
Dents Run (UNT 24616)	PA981014-0709-BPG2461608A	Abandoned Mine Drainage	pH, Metals	2004	1.37	Aquatic Life
Dents Run (UNT 24617)	PA981014-0709-BPG2461708A	Abandoned Mine Drainage	pH, Metals	2004	0.94	Aquatic Life
Dents Run (UNT 24628)	PA981014-0709-BPG2462808A	Abandoned Mine Drainage	pH, Metals	2004	0.47	Aquatic Life
Dents Run (UNT 24631)	PA981014-0709-BPG2463108A	Abandoned Mine Drainage	pH, Metals	2004	0.85	Aquatic Life
Dents Run (UNT 24632)	PA981014-0709-BPG2463208A	Abandoned Mine Drainage	pH, Metals	2004	0.95	Aquatic Life
Dents Run (UNT 24644)	PA981014-0709-BPG2464408A	Abandoned Mine Drainage	pH, Metals	2004	0.54	Aquatic Life
Dents Run (UNT 24645)	PA981014-0709-BPG2464508A	Abandoned Mine Drainage	pH, Metals	2004	0.54	Aquatic Life
Driftwood Branch Sinnemahoning Creek	PA20020111-1224-FIT2496308A	Source Unknown	Arsenic	2004	9.59	Fish Consumption
Finley Run	PA990824-0745-LMS2500008A	Abandoned Mine Drainage	pH, Metals	2004	0.76	Aquatic Life
Finley Run (UNT 25001)	PA990824-0745-LMS2500108A	Abandoned Mine Drainage	pH, Metals	2004	0.31	Aquatic Life
First Fork Sinnemahoning Creek	PA20020111-1225-FIT2406608A	Source Unknown	Arsenic	2004	8.03	Fish Consumption
Little Bear Run	PA981014-0709-BPG2461408A	Abandoned Mine Drainage	pH, Metals	2004	0.95	Aquatic Life
Little Bear Run (UNT 24615)	PA981014-0709-BPG2461508A	Abandoned Mine Drainage	pH, Metals	2004	0.41	Aquatic Life
McCracken Run	PA981014-0909-BPG2496208A	Drainage/Filling/Loss of Wetlands, Highway/Road/ Bridge Runoff (Non-Construction Related)	Sedimentation/ Siltation	2004	0.98	Aquatic Life
McDonald Run	PA981014-0709-BPG2461808A	Abandoned Mine Drainage	pH, Metals	2004	2.07	Aquatic Life
McDonald Run (UNT 24627)	PA981014-0709-BPG2462708A	Abandoned Mine Drainage	pH, Metals	2004	0.48	Aquatic Life
Mill Run	PA981014-0842-BPG2491308A	Abandoned Mine Drainage	pH, Metals	2004	1.98	Aquatic Life
Mill Run (UNT 24915)	PA981014-0842-BPG2491508A	Abandoned Mine Drainage	pH, Metals	2004	1.21	Aquatic Life

Sinnemahoning Creek Watershed Conservation Plan

Stream Name	Assessment Unit ID	Source	Cause	List Date	Total Miles	Use Assessed
Mill Run (UNT 24916)	PA981014-0842-BPG2491608A	Abandoned Mine Drainage	pH, Metals	2004	0.61	Aquatic Life
Moose Run	PA981014-0838-BPG2492008A	Abandoned Mine Drainage	pH, Metals	2004	1.65	Aquatic Life
Porcupine Hollow	PA990504-1035-BPG2463308A	Abandoned Mine Drainage	pH, Metals	2004	2.51	Aquatic Life
Porcupine Hollow (UNT 24634)	PA990504-1035-BPG2463408A	Abandoned Mine Drainage	pH, Metals	2004	0.75	Aquatic Life
Porcupine Hollow (UNT 24634)	PA981014-0718-BPG2463408A	Abandoned Mine Drainage	pH, Metals	2004	0.48	Aquatic Life
Porcupine Hollow (UNT 24635)	PA981014-0718-BPG2463508A	Abandoned Mine Drainage	pH, Metals	2004	0.37	Aquatic Life
Porcupine Hollow (UNT 24636)	PA990504-1035-BPG2463608A	Abandoned Mine Drainage	pH, Metals	2004	0.44	Aquatic Life
Porcupine Hollow (UNT 24637)	PA990504-1035-BPG2463708A	Abandoned Mine Drainage	pH, Metals	2004	0.62	Aquatic Life
Porcupine Hollow (UNT 24638)	PA990504-1035-BPG2463808A	Abandoned Mine Drainage	pH, Metals	2004	0.48	Aquatic Life
Sinnemahoning Creek	PA20020111-1235-FIT2400808A	Source Unknown	Arsenic	2004	9.12	Fish Consumption
South Branch Bennett Branch	PA981014-0909-BPG2495008A	Drainage/Filling/Loss of Wetlands, Highway/Road/ Bridge Runoff (Non-Construction Related)	Sedimentation/ Siltation	2004	2.24	Aquatic Life
Spring Run	PA981014-0728-BPG2468508A	Abandoned Mine Drainage	pH, Metals, Other Inorganics	2004	1.88	Aquatic Life
Sterling Run	PA990824-0745-LMS2498908A	Abandoned Mine Drainage	pH, Metals	2004	0.21	Aquatic Life
West Creek		Abandoned Mine Drainage		Advisory Focus Group		
Parker Run	minor impacts	Abandoned Mine Drainage		Advisory Focus Group		
Canoe Run	minor impacts	Abandoned Mine Drainage		Advisory Focus Group		

APPENDIX I. FISH AND WILDLIFE SPECIES

Common Name	Scientific name	Status
<i>Amphibians</i>		
American toad	<i>Bufo americanus</i>	
bullfrog	<i>Rana catesbeiana</i>	
Cope's gray treefrog	<i>Hyla chrysoscelis</i>	
dusky salamander	<i>Desmognathus fuscus</i>	
eastern hellbender	<i>Cryptobranchus alleganiensis</i>	Near Threatened
eastern newt	<i>Notophthalmus viridescens</i>	
four-toed salamander	<i>Hemidactylium scutatum</i>	
gray treefrog	<i>Hyla versicolor</i>	
green frog	<i>Rana clamitans</i>	
Jefferson salamander	<i>Ambystoma jeffersonianum</i>	
longtail salamander	<i>Eurycea longicauda</i>	
marbled salamander	<i>Ambystoma opacum</i>	
mountain dusky salamander	<i>Desmognathus ochrophaeus</i>	
northern leopard frog	<i>Rana pipiens</i>	
northern slimy salamander	<i>Plethodon glutinosus</i>	
northern two-lined salamander	<i>Eurycea bislineata</i>	
pickerel frog	<i>Rana palustris</i>	
red salamander	<i>Pseudotriton ruber</i>	
redback salamander	<i>Plethodon cinereus</i>	
spotted salamander	<i>Ambystoma maculatum</i>	
spring peeper	<i>Pseudacris crucifer</i>	
spring salamander	<i>Gyrinophilus porphyriticus</i>	
valley & ridge salamander	<i>Plethodon hoffmani</i>	
Wehrle's salamander	<i>Plethodon wehrlei</i>	
western chorus frog	<i>Pseudacris triseriata</i>	
wood frog	<i>Rana sylvatica</i>	
Woodhouse's toad	<i>Bufo woodhousii</i>	
<i>Birds</i>		
Acadian flycatcher	<i>Empidonax virescens</i>	
alder flycatcher	<i>Empidonax alnorum</i>	
American bittern	<i>Botaurus lentiginosus</i>	
American black duck	<i>Anas rubripes</i>	
American coot	<i>Fulica americana</i>	
American crow	<i>Corvus brachyrhynchos</i>	
American goldfinch	<i>Carduelis tristis</i>	
American kestrel	<i>Falco sparverius</i>	
American redstart	<i>Setophaga ruticilla</i>	
American robin	<i>Turdus migratorius</i>	
American tree sparrow	<i>Spizella arborea</i>	

Common Name	Scientific name	Status
<i>Birds (continued)</i>		
American woodcock	<i>Scolopax minor</i>	
bald eagle	<i>Haliaeetus leucocephalus</i>	
Baltimore oriole	<i>Icterus galbula</i>	
bank swallow	<i>Riparia riparia</i>	
barn owl	<i>Tyto alba</i>	
barn swallow	<i>Hirundo rustica</i>	
barred owl	<i>Strix varia</i>	
belted kingfisher	<i>Ceryle alcyon</i>	
black vulture	<i>Coragyps atratus</i>	
black-and-white warbler	<i>Mniotilta varia</i>	
black-billed cuckoo	<i>Coccyzus erythrophthalmus</i>	
Blackburnian warbler	<i>Dendroica fusca</i>	
black-capped chickadee	<i>Poecile atricapillus</i>	
black-crowned night-heron	<i>Nycticorax nycticorax</i>	
blackpoll warbler	<i>Dendroica striata</i>	
black-throated blue warbler	<i>Dendroica caerulescens</i>	
black-throated green warbler	<i>Dendroica virens</i>	
blue grosbeak	<i>Passerina caerulea</i>	
blue Jay	<i>Cyanocitta cristata</i>	
blue-gray gnatcatcher	<i>Polioptila caerulea</i>	
blue-headed vireo	<i>Vireo solitarius</i>	
blue-winged teal	<i>Anas discors</i>	
blue-winged warbler	<i>Vermivora pinus</i>	
bobolink	<i>Dolichonyx oryzivorus</i>	
bohemian waxwing	<i>Bombycilla garrulus</i>	
Brewer's blackbird	<i>Euphagus cyanocephalus</i>	
broad-winged hawk	<i>Buteo platypterus</i>	
brown creeper	<i>Certhia americana</i>	
brown thrasher	<i>Toxostoma rufum</i>	
brown-headed cowbird	<i>Molothrus ater</i>	
bufflehead	<i>Bucephala albeola</i>	
Canada goose	<i>Branta canadensis</i>	
Canada warbler	<i>Wilsonia canadensis</i>	
canvasback	<i>Aythya valisineria</i>	
Carolina chickadee	<i>Poecile carolinensis</i>	
Carolina wren	<i>Thryothorus ludovicianus</i>	
cedar waxwing	<i>Bombycilla cedrorum</i>	
cerulean warbler	<i>Dendroica cerulea</i>	Vulnerable
chestnut-sided warbler	<i>Dendroica pensylvanica</i>	
chimney swift	<i>Chaetura pelagica</i>	
chipping sparrow	<i>Spizella passerina</i>	
cliff swallow	<i>Petrochelidon pyrrhonota</i>	

Common Name	Scientific name	Status
<i>Birds (continued)</i>		
common goldeneye	<i>Bucephala clangula</i>	
common grackle	<i>Quiscalus quiscula</i>	
common merganser	<i>Mergus merganser</i>	
common moorhen	<i>Gallinula chloropus</i>	
common nighthawk	<i>Chordeiles minor</i>	
common redpoll	<i>Carduelis flammea</i>	
common snipe	<i>Gallinago gallinago</i>	
common yellowthroat	<i>Geothlypis trichas</i>	
Cooper's hawk	<i>Accipiter cooperii</i>	
dark-eyed junco	<i>Junco hyemalis</i>	
downy woodpecker	<i>Picoides pubescens</i>	
eastern bluebird	<i>Sialia sialis</i>	
eastern kingbird	<i>Tyrannus tyrannus</i>	
eastern meadowlark	<i>Sturnella magna</i>	
eastern Phoebe	<i>Sayornis phoebe</i>	
eastern screech-owl	<i>Otus asio</i>	
eastern towhee	<i>Pipilo erythrophthalmus</i>	
eastern wood-pewee	<i>Contopus virens</i>	
evening grosbeak	<i>Coccothraustes vespertinus</i>	
field sparrow	<i>Spizella pusilla</i>	
fish crow	<i>Corvus ossifragus</i>	
glossy ibis	<i>Plegadis falcinellus</i>	
golden eagle	<i>Aquila chrysaetos</i>	
golden-crowned kinglet	<i>Regulus satrapa</i>	
golden-winged warbler	<i>Vermivora chrysoptera</i>	Near Threatened
grasshopper sparrow	<i>Ammodramus savannarum</i>	
gray catbird	<i>Dumetella carolinensis</i>	
gray-cheeked thrush	<i>Catharus minimus</i>	
great blue heron	<i>Ardea herodias</i>	
great crested flycatcher	<i>Myiarchus crinitus</i>	
great egret	<i>Ardea alba</i>	
great horned owl	<i>Bubo virginianus</i>	
green-winged teal	<i>Anas crecca</i>	
hairy woodpecker	<i>Picoides villosus</i>	
Henslow's sparrow	<i>Ammodramus henslowii</i>	Near Threatened
hermit thrush	<i>Catharus guttatus</i>	
herring gull	<i>Larus argentatus</i>	
hooded merganser	<i>Lophodytes cucullatus</i>	
hooded warbler	<i>Wilsonia citrina</i>	
horned lark	<i>Eremophila alpestris</i>	
house finch	<i>Carpodacus mexicanus</i>	
house wren	<i>Troglodytes aedon</i>	

Common Name	Scientific name	Status
<i>Birds (continued)</i>		
indigo bunting	<i>Passerina cyanea</i>	
Kentucky warbler	<i>Oporornis formosus</i>	
killdeer	<i>Charadrius vociferus</i>	
king rail	<i>Rallus elegans</i>	
Lapland longspur	<i>Calcarius lapponicus</i>	
lark sparrow	<i>Chondestes grammacus</i>	
least bittern	<i>Ixobrychus exilis</i>	
least flycatcher	<i>Empidonax minimus</i>	
lesser scaup	<i>Aythya affinis</i>	
little blue heron	<i>Egretta caerulea</i>	
loggerhead shrike	<i>Lanius ludovicianus</i>	
long-eared owl	<i>Asio otus</i>	
Louisiana waterthrush	<i>Seiurus motacilla</i>	
magnolia warbler	<i>Dendroica magnolia</i>	
mallard	<i>Anas platyrhynchos</i>	
marsh wren	<i>Cistothorus palustris</i>	
mourning dove	<i>Zenaida macroura</i>	
mourning warbler	<i>Oporornis philadelphia</i>	
Nashville warbler	<i>Vermivora ruficapilla</i>	
northern bobwhite	<i>Colinus virginianus</i>	Near Threatened
northern cardinal	<i>Cardinalis cardinalis</i>	
northern flicker	<i>Colaptes auratus</i>	
northern goshawk	<i>Accipiter gentilis</i>	
northern harrier	<i>Circus cyaneus</i>	
northern mockingbird	<i>Mimus polyglottos</i>	
northern parula	<i>Parula americana</i>	
northern rough-winged swallow	<i>Stelgidopteryx serripennis</i>	
northern saw-whet owl	<i>Aegolius acadicus</i>	
northern shoveler	<i>Anas clypeata</i>	
northern shrike	<i>Lanius excubitor</i>	
northern waterthrush	<i>Seiurus noveboracensis</i>	
olive-sided flycatcher	<i>Contopus cooperi</i>	Near Threatened
orchard oriole	<i>Icterus spurius</i>	
ovenbird	<i>Seiurus aurocapillus</i>	
pie-billed grebe	<i>Podilymbus podiceps</i>	
pileated woodpecker	<i>Dryocopus pileatus</i>	
pine grosbeak	<i>Pinicola enucleator</i>	
pine siskin	<i>Carduelis pinus</i>	
pine warbler	<i>Dendroica pinus</i>	
prairie warbler	<i>Dendroica discolor</i>	
prothonotary warbler	<i>Protonotaria citrea</i>	
purple finch	<i>Carpodacus purpureus</i>	

Common Name	Scientific name	Status
<i>Birds (continued)</i>		
purple martin	<i>Progne subis</i>	
red crossbill	<i>Loxia curvirostra</i>	
red-bellied woodpecker	<i>Melanerpes carolinus</i>	
red-breasted nuthatch	<i>Sitta canadensis</i>	
red-eyed vireo	<i>Vireo olivaceus</i>	
redhead	<i>Aythya americana</i>	
red-headed woodpecker	<i>Melanerpes erythrocephalus</i>	Near Threatened
red-shouldered hawk	<i>Buteo lineatus</i>	
red-tailed hawk	<i>Buteo jamaicensis</i>	
red-winged blackbird	<i>Agelaius phoeniceus</i>	
ring-billed gull	<i>Larus delawarensis</i>	
rose-breasted grosbeak	<i>Pheucticus ludovicianus</i>	
rough-legged hawk	<i>Buteo lagopus</i>	
ruby-crowned kinglet	<i>Regulus calendula</i>	
ruby-throated hummingbird	<i>Archilochus colubris</i>	
ruddy duck	<i>Oxyura jamaicensis</i>	
ruffed grouse	<i>Bonasa umbellus</i>	
rusty blackbird	<i>Euphagus carolinus</i>	
savannah sparrow	<i>Passerculus sandwichensis</i>	
Say's phoebe	<i>Sayornis saya</i>	
scarlet tanager	<i>Piranga olivacea</i>	
sedge wren	<i>Cistothorus platensis</i>	
sharp-shinned hawk	<i>Accipiter striatus</i>	
short-eared owl	<i>Asio flammeus</i>	
snow bunting	<i>Plectrophenax nivalis</i>	
snowy egret	<i>Egretta thula</i>	
song sparrow	<i>Melospiza melodia</i>	
sora	<i>Porzana carolina</i>	
spotted sandpiper	<i>Actitis macularia</i>	
striated heron	<i>Butorides striatus</i>	
Swainson's thrush	<i>Catharus ustulatus</i>	
swamp sparrow	<i>Melospiza georgiana</i>	
tree swallow	<i>Tachycineta bicolor</i>	
tricolored heron	<i>Egretta tricolor</i>	
tufted titmouse	<i>Baeolophus bicolor</i>	
turkey vulture	<i>Cathartes aura</i>	
upland sandpiper	<i>Bartramia longicauda</i>	
veery	<i>Catharus fuscescens</i>	
vesper sparrow	<i>Pooecetes gramineus</i>	
Virginia rail	<i>Rallus limicola</i>	
warbling vireo	<i>Vireo gilvus</i>	
whip-poor-will	<i>Caprimulgus vociferus</i>	

Common Name	Scientific name	Status
Birds (continued)		
white ibis	<i>Eudocimus albus</i>	
white-breasted nuthatch	<i>Sitta carolinensis</i>	
white-crowned sparrow	<i>Zonotrichia leucophrys</i>	
white-eyed vireo	<i>Vireo griseus</i>	
white-throated sparrow	<i>Zonotrichia albicollis</i>	
white-winged crossbill	<i>Loxia leucoptera</i>	
wild turkey	<i>Meleagris gallopavo</i>	
willow flycatcher	<i>Empidonax traillii</i>	
winter wren	<i>Troglodytes troglodytes</i>	
wood duck	<i>Aix sponsa</i>	
wood thrush	<i>Hylocichla mustelina</i>	
worm-eating warbler	<i>Helmitheros vermivorus</i>	
yellow warbler	<i>Dendroica petechia</i>	
yellow-bellied sapsucker	<i>Sphyrapicus varius</i>	
yellow-billed cuckoo	<i>Coccyzus americanus</i>	
yellow-breasted chat	<i>Icteria virens</i>	
yellow-crowned night-heron	<i>Nyctanassa violacea</i>	
yellow-rumped warbler	<i>Dendroica coronata</i>	
yellow-throated vireo	<i>Vireo flavifrons</i>	
Fish		
lampreys: Family Petromyzontidae		
least brook lamprey	<i>Lampetra aepyptera</i>	Candidate
sea lamprey	<i>Petromyzon marinus</i>	
gars: Family Lepisosteidae		
longnose gar	<i>Lepisosteus osseus</i>	Candidate
bowfin: Family Amiidae		
bowfin	<i>Amia calva</i>	Candidate
eels: Family Anguillidae		
American eel	<i>Anguilla rostrata</i>	
herrings: Family Clupeidae		
alewife	<i>Alosa pseudoharengus</i>	
American shad	<i>Alosa sapidissima</i>	
gizzard shad	<i>Dorosoma cepedianum</i>	
minnows: Family Cyprinidae		
blacknose dace	<i>Rhinichthys atratulus</i>	
bluntnose minnow	<i>Pimephales notatus</i>	
bridle shiner	<i>Notropis bifrenatus</i>	Endangered
central stoneroller	<i>Campostoma anomalum</i>	
comely shiner	<i>Notropis amoenus</i>	
common carp	<i>Cyprinus carpio</i>	
common shiner	<i>Luxilus cornutus</i>	

Common Name	Scientific name	Status
Fish (continued)		
minnows: Family Cyprinidae (continued)		
creek chub	<i>Semotilus atromaculatus</i>	
cutlips minnow	<i>Exoglossum maxillingua</i>	
eastern silvery minnow	<i>Hybognathus regius</i>	
fallfish	<i>Semotilus corporalis</i>	
fathead minnow	<i>Pimephales promelas</i>	
golden shiner	<i>Notemigonus crysoleucas</i>	
goldfish	<i>Carassius auratus</i>	
grass carp	<i>Ctenopharyngodon idella</i>	
hornyhead chub	<i>Nocomis biguttatus</i>	Candidate
longnose dace	<i>Rhinichthys cataractae</i>	
mimic shiner	<i>Notropis volucellus</i>	
northern redbelly dace	<i>Phoxinus eos</i>	
pearl dace	<i>Margariscus margarita</i>	
redside dace	<i>Clinostomus elongatus</i>	
river chub	<i>Nocomis micropogon</i>	
rosyface shiner	<i>Notropis rubellus</i>	
rosyside dace	<i>Clinostomus funduloides</i>	
satinfin shiner	<i>Cyprinella analostana</i>	
silverjaw minnow	<i>Ericymba buccata</i>	
spotfin shiner	<i>Cyprinella spiloptera</i>	
spottail shiner	<i>Notropis hudsonius</i>	
swallowtail shiner	<i>Notropis procne</i>	
suckers: Family Catostomidae		
creek chubsucker	<i>Erimyzon oblongus</i>	
northern hogsucker	<i>Hypentelium nigricans</i>	
quillback	<i>Carpiodes cyprinus</i>	
shorthead redhorse	<i>Moxostoma macrolepidotum</i>	
silver redhorse	<i>Moxostoma anisurum</i>	
white sucker	<i>Catostomus commersoni</i>	
catfishes: Family Ictaluridae		
brown bullhead	<i>Ameirus nebulosus</i>	
channel catfish	<i>Ictalurus punctatus</i>	
marginated madtom	<i>Noturus insignis</i>	
stonecat	<i>Noturus flavus</i>	
tadpole madtom	<i>Noturus gyrinus</i>	Endangered
white catfish	<i>Ameirus catus</i>	
yellow bullhead	<i>Ameirus natalis</i>	
piques: Family Esocidae		
Amur pike	<i>Esox reicherti</i>	
chain pickerel	<i>Esox niger</i>	
muskellunge	<i>Esox masquinongy</i>	

Common Name	Scientific name	Status
Fish (continued)		
piques: Family Esocidae (continued)		
northern pike	<i>Esox lucius</i>	
redfin pickerel	<i>Esox americanus americanus</i>	
smelt: Family Asmeridae		
rainbow smelt	<i>Osmerus mordax</i>	
trout: Family Salmonidae		
Atlantic salmon	<i>Salmo salar</i>	
brook trout	<i>Salvelinus fontinalis</i>	
brown trout	<i>Salmo trutta</i>	
lake trout	<i>Salvelinus namaycush</i>	
rainbow trout	<i>Oncorhynchus mykiss</i>	
killifishes: Family Cyprinodontidae		
banded killifish	<i>Fundulus diaphanus</i>	
mummichog	<i>Fundulus heteroclitus</i>	
sticklebacks: Family Gasterosteidae		
brook stickleback	<i>Culaea inconstans</i>	Candidate
fourspine stickleback	<i>Apeltes quadracus</i>	
sculpins: Family Cottidae		
mottled sculpin	<i>Cottus bairdi</i>	
Potomac sculpin	<i>Cottus girardi</i>	
slimy sculpin	<i>Cottus cognatus</i>	
temperate basses: Family Percichthyidae		
striped bass	<i>Morone saxatilis</i>	
white bass	<i>Morone chrysops</i>	
white perch	<i>Morone americana</i>	
sunfishes: Family Centrarchidae		
banded sunfish	<i>Enneacanthus obesus</i>	Endangered
black crappie	<i>Pomoxis nigromaculatus</i>	
bluegill	<i>Lepomis macrochirus</i>	
bluespotted sunfish	<i>Enneacanthus gloriosus</i>	
green sunfish	<i>Lepomis cyanellus</i>	
largemouth bass	<i>Micropterus salmoides</i>	
longear sunfish	<i>Lepomis megalotis</i>	Endangered
pumpkinseed	<i>Lepomis gibbosus</i>	
redbreast sunfish	<i>Lepomis auritus</i>	
redeer sunfish	<i>Lepomis microlophus</i>	
rock bass	<i>Ambloplites rupestris</i>	
smallmouth bass	<i>Micropterus dolomieu</i>	
white crappie	<i>Pomoxis annularis</i>	
perches: Family Percidae		
banded darter	<i>Etheostoma zonale</i>	
fantail darter	<i>Etheostoma flabellare</i>	

Common Name	Scientific name	Status
Fish (continued)		
perches: Family Percidae (continued)		
greenside darter	<i>Etheostoma blennioides</i>	
logperch	<i>Percina caprodes</i>	
shield darter	<i>Percina peltata</i>	
tessellated darter	<i>Etheostoma olmstedii</i>	
walleye	<i>Sander vitreus</i>	
yellow perch	<i>Perca flavescens</i>	
cichlids: Family Cichlidae		
blue tilapia	<i>Oreochromis aureus</i>	
Mammals		
American badger	<i>Taxidea taxus</i>	Lower Risk
American beaver	<i>Castor canadensis</i>	Lower Risk
American black bear	<i>Ursus americanus</i>	Lower Risk
American mink	<i>Mustela vison</i>	
Appalachian cottontail	<i>Sylvilagus obscurus</i>	
big brown bat	<i>Eptesicus fuscus</i>	Lower Risk
bobcat	<i>Lynx rufus</i>	
cinereus shrew	<i>Sorex cinereus</i>	Lower Risk
coyote	<i>Canis latrans</i>	
deer mouse	<i>Peromyscus maniculatus</i>	Lower Risk
eastern chipmunk	<i>Tamias striatus</i>	Lower Risk
eastern cottontail	<i>Sylvilagus floridanus</i>	Lower Risk
eastern fox squirrel	<i>Sciurus niger</i>	Lower Risk
eastern gray squirrel	<i>Sciurus carolinensis</i>	Lower Risk
eastern mole	<i>Scalopus aquaticus</i>	Lower Risk
eastern pipistrelle	<i>Pipistrellus subflavus</i>	Lower Risk
eastern small-footed myotis	<i>Myotis leibii</i>	Lower Risk
eastern woodrat	<i>Neotoma floridana</i>	Lower Risk
elk	<i>Cervus canadensis</i>	
ermine	<i>Mustela erminea</i>	Lower Risk
gray fox	<i>Urocyon cinereoargenteus</i>	
hairy-tailed mole	<i>Parascalops breweri</i>	Lower Risk
hoary bat	<i>Lasiurus cinereus</i>	Lower Risk
Indiana bat	<i>Myotis sodalis</i>	Endangered
least shrew	<i>Cryptotis parva</i>	Lower Risk
least weasel	<i>Mustela nivalis</i>	Lower Risk
little brown bat	<i>Myotis lucifugus</i>	Lower Risk
long-tailed shrew	<i>Sorex dispar</i>	Lower Risk
long-tailed weasel	<i>Mustela frenata</i>	Lower Risk
meadow jumping mouse	<i>Zapus hudsonius</i>	Lower Risk
meadow vole	<i>Microtus pennsylvanicus</i>	Lower Risk

Common Name	Scientific name	Status
<i>Mammals (continued)</i>		
muskrat	<i>Ondatra zibethicus</i>	Lower Risk
North American porcupine	<i>Erethizon dorsatum</i>	Lower Risk
northern flying squirrel	<i>Glaucomys sabrinus</i>	Lower Risk
northern long-eared myotis	<i>Myotis septentrionalis</i>	Lower Risk
northern raccoon	<i>Procyon lotor</i>	Lower Risk
northern river otter	<i>Lontra canadensis</i>	
northern short-tailed shrew	<i>Blarina brevicauda</i>	Lower Risk
pygmy shrew	<i>Sorex hoyi</i>	Lower Risk
red bat	<i>Lasiurus borealis</i>	Lower Risk
red fox	<i>Vulpes vulpes</i>	
red squirrel	<i>Tamiasciurus hudsonicus</i>	Lower Risk
rock vole	<i>Microtus chrotorrhinus</i>	Lower Risk
Seminole bat	<i>Lasiurus seminolus</i>	Lower Risk
silver-haired bat	<i>Lasionycteris noctivagans</i>	Lower Risk
smoky shrew	<i>Sorex fumeus</i>	Lower Risk
snowshoe hare	<i>Lepus americanus</i>	Lower Risk
southern bog lemming	<i>Synaptomys cooperi</i>	Lower Risk
southern flying squirrel	<i>Glaucomys volans</i>	Lower Risk
southern red-backed vole	<i>Clethrionomys gapperi</i>	Lower Risk
star-nosed mole	<i>Condylura cristata</i>	Lower Risk
striped skunk	<i>Mephitis mephitis</i>	Lower Risk
Virginia opossum	<i>Didelphis virginiana</i>	Lower Risk
water shrew	<i>Sorex palustris</i>	Lower Risk
white-footed mouse	<i>Peromyscus leucopus</i>	Lower Risk
white-tailed deer	<i>Odocoileus virginianus</i>	Lower Risk
woodchuck	<i>Marmota monax</i>	Lower Risk
woodland jumping mouse	<i>Napaeozapus insignis</i>	Lower Risk
woodland vole	<i>Microtus pinetorum</i>	Lower Risk
<i>Reptiles</i>		
bog turtle	<i>Clemmys muhlenbergii</i>	Endangered
coal skink	<i>Eumeces anthracinus</i>	
common garter snake	<i>Thamnophis sirtalis</i>	
common map turtle	<i>Graptemys geographica</i>	
common musk turtle	<i>Sternotherus odoratus</i>	
Dekay's brown snake	<i>Storeria dekayi</i>	
eastern box turtle	<i>Terrapene carolina</i>	Lower Risk
eastern fence lizard	<i>Sceloporus undulatus</i>	
eastern hognose snake	<i>Heterodon platirhinos</i>	
eastern mud turtle	<i>Kinosternon subrubrum</i>	
eastern ribbon snake	<i>Thamnophis sauritus</i>	
five-lined skink	<i>Eumeces fasciatus</i>	

Common Name	Scientific name	Status
Reptiles		
milk snake	<i>Lampropeltis triangulum</i>	
northern water snake	<i>Nerodia sipedon</i>	
painted turtle	<i>Chrysemys picta</i>	
queen snake	<i>Regina septemvittata</i>	
racer	<i>Coluber constrictor</i>	
rat snake	<i>Elaphe obsoleta</i>	
red-bellied snake	<i>Storeria occipitomaculata</i>	
ring-necked snake	<i>Diadophis punctatus</i>	
short-headed garter snake	<i>Thamnophis brachystoma</i>	
smooth earth snake	<i>Virginia valeriae</i>	
smooth green snake	<i>Opheodrys vernalis</i>	
snapping turtle	<i>Chelydra serpentina</i>	
spotted turtle	<i>Clemmys guttata</i>	Vulnerable
timber rattlesnake	<i>Crotalus horridus</i>	
wood turtle	<i>Clemmys insculpta</i>	Vulnerable
worm snake	<i>Carphophis amoenus</i>	

Sources: World Wildlife Fund Species Finder, <http://gis.wwfus.org/wildfinder/> & PA Fish and Boat Commission, <http://www.fish.state.pa.us/pafish/fishhtms/chap2.htm>

Basic Global Rank Codes and Definitions

Rank Code	Description	Definition
GX	Presumed Extinct	Believed to be extinct throughout its range. Not located despite intensive searches of historic sites and other appropriate habitat, and virtually no likelihood that it will be rediscovered.
GH	Possibly Extinct	Known from only historical occurrences. Still some hope of rediscovery.
G1	Critically Imperiled	Critically imperiled globally because of extreme rarity or because of some factor(s) making it especially vulnerable to extinction. Typically 5 or fewer occurrences or very few remaining individuals (<1,000) or acres (<2,000) or stream miles (<10).
G2	Imperiled	Imperiled globally because of rarity or because of some factor(s) making it very vulnerable to extinction. Typically 6 to 20 occurrences or few remaining individuals (1,000 to 3,000) or acres (2,000 to 10,000) or stream miles (10 to 50).
G3	Vulnerable	Vulnerable globally either because very rare and local throughout its range, found only in a restricted range (even if abundant at some locations), or because of other factors making it vulnerable to extinction. Typically 21 to 100 occurrences or between 3,000 and 10,000 individuals.
G4	Apparently Secure	Uncommon but not rare, and usually widespread. Possibly cause for long-term concern. Typically more than 100 occurrences and more than 10,000 individuals.
G5	Secure	Common, typically widespread and abundant. Typically with considerably more than 100 occurrences and more than 10,000 individuals.
G#G#	Range Rank	A numeric range rank (e.g., G2G3) is used to indicate uncertainty about the exact status of a taxon.
T	Infraspecific Taxon (trinomial)	The status of infraspecific taxa (subspecies or varieties) are indicated by a "T-rank" following the species' global rank. Rules for assigning T ranks follow the same principles outlined above. For example, the global rank of a critically imperiled subspecies of an otherwise widespread and common species would be G5T1. A T subrank cannot imply the subspecies or variety is more abundant than the species= basic rank (e.g., a G1T2 subrank should not occur). A population (e.g., listed under the U.S. Endangered Species Act or assigned candidate status) may be tracked as an infraspecific taxon and given a T rank; in such cases a Q is used after the T rank to denote the taxon's questionable taxonomic status.

Global Rank Qualifiers

Qualifier	Description	Definition
?	Inexact Numeric Rank	Denotes inexact numeric rank.
Q	Questionable Taxonomy	Taxonomic status is questionable; numeric rank may change with taxonomy.
C	Captive or Cultivated Only	Taxon at present is extant only in captivity or cultivation, or as a reintroduced population not yet established.

State Rank Codes and Definitions

Rank Code	Description	Definition
SX	Extirpated	Element is believed to be extirpated from the "state" (or province or other subnational unit).
SH	Historical	Element occurred historically in the state (with expectation that it may be rediscovered), perhaps having not been verified in the past 20 years, and suspected to be still extant. Naturally, an element would become SH without such a 20-year delay if the only known occurrences in a state were destroyed or if it had been extensively and unsuccessfully looked for. Upon verification of an extant occurrence, SH-ranked elements would typically receive an S1 rank. The SH rank should be reserved for elements for which some effort has been made to relocate occurrences, rather than simply ranking all Elements not known from verified extant occurrences with this rank.
S1	Critically Imperiled	Critically imperiled in the state because of extreme rarity or because of some factor(s) making it especially vulnerable to extirpation from the state. Typically 5 or fewer occurrences or very few remaining individuals or acres.
S2	Imperiled	Imperiled in the state because of rarity or because of some factor(s) making it very vulnerable to extirpation from the state. Typically 6 to 20 occurrences or few remaining individuals or acres.
S3	Vulnerable	Vulnerable in the state either because rare and uncommon, or found only in a restricted range (even if abundant at some locations), or because of other factors making it vulnerable to extirpation. Typically 21 to 100 occurrences.
S4	Apparently Secure	Uncommon but not rare, and usually widespread in the state. Usually more than 100 occurrences.
S5	Secure	Demonstrably widespread, abundant, and secure in the state, and essentially ineradicable under present conditions.
S?	Unranked	State rank is not yet assessed.

State Rank Codes and Definitions (continued)

Rank Code	Description	Definition
SU	Unrankable	Currently unrankable due to lack of information or due to substantially conflicting information about status or trends. NOTE: Whenever possible, the most likely rank is assigned and a question mark added (e.g., S2?) to express uncertainty, or a range rank (e.g., S2S3) is used to delineate the limits (range) of uncertainty.
S#S#	Range Rank	A numeric range rank (e.g., S2S3) is used to indicate the range of uncertainty about the exact status of the Element. Ranges cannot skip more than one rank (e.g., SU should be used rather than S1S4).
HYB	Hybrid	Element represents an interspecific hybrid.
SE	Exotic	An exotic established in the state; may be native in nearby regions (e.g., house finch or catalpa in eastern U.S.).
SE#	Exotic Numeric	An exotic established in the state that has been assigned a numeric rank to indicate its status, as with S1 through S5.
SA	Accidental	Accidental or casual in the state (i.e., infrequent and outside usual range). Includes species (usually birds or butterflies) recorded once or only a few times. A few of these species may have bred on the one or two occasions they were recorded. Examples include European strays or western birds on the East Coast and vice-versa.
SZ	Zero Occurrences	Not of practical conservation concern in the state because there are no definable occurrences, although the taxon is native and appears regularly in the state. This rank will generally be used for long distance migrants whose occurrences during their migrations have little or no conservation value for the migrant as they are typically too irregular (in terms of repeated visitation to the same locations), transitory, and dispersed to be reliably identified, mapped, and protected. Typically, the SZ rank applies to a non-breeding population in the subnation -- for example, birds on migration. An SZ rank may in a few instances also apply to a breeding population, for example certain Lepidoptera which regularly die out every year with no significant return migration. Although the SZ rank typically applies to migrants, it should not be used indiscriminately. Just because a species is on migration does not mean it receives an SZ rank. SZ only applies when the migrants occur in an irregular, transitory, and dispersed manner.
SP	Potential	Potential that Element occurs in the state but no extant or historic occurrences reported.

State Rank Codes and Definitions (continued)

Rank Code	Description	Definition
SR	Reported	Element reported in the state but without a basis for either accepting or rejecting the report. Some of these are very recent discoveries for which the program hasn't yet received first-hand information; others are old, obscure reports.
SRF	Reported Falsely	Element erroneously reported in the state (e.g., misidentified specimen) and the error has persisted in the literature
SSYN	Synonym	Element reported as occurring in the state, but state does not recognize the taxon; therefore the Element is not ranked by the state.
*		S rank has been assigned and is under review. Contact the individual state Natural Heritage program for assigned rank.
Not Provided		Species is known to occur in this state. Contact the individual state Natural Heritage program for assigned rank.

State Rank Qualifiers

Qualifier	Description	Definition
B	Breeding	Basic rank refers to the breeding population of the Element in the state.
N	Non-breeding	Basic rank refers to the non-breeding population of the Element in the state.
?	Inexact or Uncertain	Denotes inexact or uncertain numeric rank. For SE denotes uncertainty of exotic status. (The ? qualifies the character immediately preceding it in the SRANK.)
C	Captive or Cultivated	Element is presently extant in the state only in captivity or cultivation, or as a reintroduced population not yet established.

NOTE - A breeding status subrank is only used for species that have distinct breeding and/or non-breeding populations in the state. A breeding-status SRANK can be coupled with its complementary non-breeding-status SRANK. The two are separated by a comma, with the higher-priority rank listed first in

Pennsylvania State Status - Invertebrates

Status	Description	Definition
N		No current legal status but is under review for future listing.

Pennsylvania Status Definitions - Plants

Status	Description	Definition
PE	Pennsylvania Endangered	Plant species which are in danger of extinction throughout most of their natural range within this Commonwealth, if critical habitat is not maintained or if the species is greatly exploited by man. This classification shall also include any populations of plant species that have been classified as Pennsylvania Extirpated, but which subsequently are found to exist in this Commonwealth.
PT	Pennsylvania Threatened	Plant species which may become endangered throughout most or all of their natural range within this Commonwealth, if critical habitat is not maintained to prevent their future decline, or if the species is greatly exploited by man.
PR	Pennsylvania Rare	Plant species, which are uncommon within this Commonwealth. All species of the native wild plants classified as Disjunct, Endemic, Limit of Range and Restricted are included within the Pennsylvania Rare classification.
	Disjunct	Significantly separated from their main area of distribution
	Endemic	Confined to a specialized habitat.
	Limit of Range	At or near the periphery of their natural distribution
	Restricted	Found in specialized habitats or habitats infrequent in Pennsylvania.
PX	Pennsylvania Extirpated	Plant species believed by the Department to be extinct within this Commonwealth. These plants may or may not be in existence outside the Commonwealth.
PV	Pennsylvania Vulnerable	Plant species which are in danger of population decline within Commonwealth because of their beauty, economic value, use as a cultivar, or other factors which indicate that persons may seek to remove these species from their native habitats.
TU	Tentatively Undetermined	A classification of plant species which are believed to be in danger of population decline, but which cannot presently be included within another classification due to taxonomic uncertainties, limited evidence within historical records, or insufficient data.
N		No current legal status exists, but is under review for future listing.

Pennsylvania State Status - Wild Birds and Mammals

Status	Description	Definition
PE	Pennsylvania Endangered	Species in imminent danger of extinction or extirpation throughout their range in Pennsylvania if the deleterious factors affecting them continue to operate. These are: 1) species whose numbers have already been reduced to a critically low level or whose habitat has been so drastically reduced or degraded that immediate action is required to prevent their extirpation from the Commonwealth; or 2) species whose extreme rarity or peripherality places them in potential danger of precipitous declines or sudden extirpation throughout their range in Pennsylvania; or 3) species that have been classified as "Pennsylvania Extirpated", but which are subsequently found to exist in Pennsylvania as long as the above conditions 1 or 2 are met; or 4) species determined to be "Endangered" pursuant to the Endangered Species Act of 1973, Public Law 93 205 (87 Stat. 884), as amended.
PT	Pennsylvania Threatened	Species that may become endangered within the foreseeable future throughout their range in Pennsylvania unless the casual factors affecting the organism are abated. These are: 1) species whose populations within the Commonwealth are decreasing or have been heavily depleted by adverse factors and while not actually endangered, are still in critical condition; 2) species whose populations may be relatively abundant in the Commonwealth but are under severe threat from serious adverse factors that have been identified and documented; or 3) species whose populations are rare or peripheral and in possible danger of severe decline throughout their range in Pennsylvania; or 4) species determined to be "Threatened" pursuant to the Endangered Species Act of 1973, Public Law 93205 (87 Stat. 884), as amended, that are not listed as "Pennsylvania Endangered".
N		No current legal status but is under review for future listing.

Pennsylvania State Status - Fish, Amphibians, Reptiles, and Aquatic Organisms

Status	Description	Definition
PE	Pennsylvania Endangered	All species declared by: 1) the Secretary of the United States Department of the Interior to be threatened with extinction and appear on the Endangered Species List or the Native Endangered Species List published in the Federal Register; or 2) have been declared by the Pennsylvania Fish Commission, Executive Director to be threatened with extinction and appear on the Pennsylvania Endangered Species List published by the Pennsylvania Bulletin.
PT	Pennsylvania Threatened	All species declared by: 1) the Secretary of the United States Department of the Interior to be in such small numbers throughout their range that they may become endangered if their environment worsens, and appear on a Threatened Species List published in the Federal Register; or 2) have been declared by the Pennsylvania Fish Commission Executive Director to be in such small numbers throughout their range that they may become endangered if their environment worsens and appear on the Pennsylvania Threatened Species List published in the Pennsylvania Bulletin.
PC		Animals that could become endangered or threatened in the future. All of these are uncommon, have restricted distribution or are at risk because of certain aspects of their biology.
N		No current legal status, but is under review for future listing.

Pennsylvania Biological Survey Suggested Status Definitions

Status	Description	Definition
PE	Pennsylvania Endangered	Species in imminent danger of extinction or extirpation throughout their range in Pennsylvania if the deleterious factors affecting them continue to operate. These are: 1) species whose numbers have already been reduced to a critically low level or whose habitat has been so drastically reduced or degraded that immediate action is required to prevent their extirpation from the Commonwealth; or 2) species whose extreme rarity or peripherality places them in potential danger of precipitous declines or sudden extirpation throughout their range in Pennsylvania; or 3) species that have been classified as "Pennsylvania Extirpated", but which are subsequently found to exist in Pennsylvania as long as the above conditions 1 or 2 are met; or 4) species determined to be "Endangered" pursuant to the Endangered Species Act of 1973, Public Law 93 205 (87 Stat. 884), as amended.

Pennsylvania Biological Survey Suggested Status Definitions

Status	Description	Definition
PT	Pennsylvania Threatened	Species that may become endangered within the foreseeable future throughout their range in Pennsylvania unless the casual factors affecting the organism are abated. These are: 1) species whose populations within the Commonwealth are decreasing or have been heavily depleted by adverse factors and while not actually endangered, are still in critical condition; 2) species whose populations may be relatively abundant in the Commonwealth but are under severe threat from serious adverse factors that have been identified and documented; or 3) species whose populations are rare or peripheral and in possible danger of severe decline throughout their range in Pennsylvania; or 4) species determined to be "Threatened" pursuant to the Endangered Species Act of 1973, Public Law 93205 (87 Stat. 884), as amended, that are not listed as "Pennsylvania Endangered".
PR	Pennsylvania Rare	Plant species which are uncommon within this Commonwealth. All species of the native wild plants classified as Disjunct, Endemic, Limit of Range and Restricted are included within the Pennsylvania Rare classification.
	Disjunct	Significantly separated from their main area of distribution
	Endemic	Confined to a specialized habitat.
	Limit of Range	At or near the periphery of their natural distribution
CP	Candidate Proposed	Species comprising taxa for which the Pennsylvania Biological Survey (PBS) currently has substantial information on hand to support the biological appropriateness of proposing to list as
CA	Candidate at Risk	Species that although relatively abundant now are particularly vulnerable to certain types of exploitation or environmental modification.
CR	Candidate Rare	Species which exist only in one of a few restricted geographic areas or habitats within Pennsylvania, or they occur in low numbers over a relatively broad area of the Commonwealth.
CU	Condition Undetermined	Species for which there is insufficient data available to provide an adequate basis for their assignment to other classes or categories.
PX	Pennsylvania Extirpated	Species that have disappeared from Pennsylvania since 1600 but still exist elsewhere.
DL	Delisted	Species which were once listed but are now cited for delisting.
N		No current legal status, but is under study for future listing.

Federal Status Codes and Definitions

LE	Listed Endangered	A species which is in danger of extinction throughout all or a significant portion of its range.
LT	Listed Threatened	Any species which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range.
LELT	Listed Endangered in part of range; listed Threatened in the remaining part.	
PE	Proposed Endangered	Taxa proposed to be listed as endangered.
PT	Proposed Threatened	Taxa proposed to be listed as threatened
PEPT		Proposed Endangered in part of range; proposed Threatened in the remaining part.
C	Candidate for listing.	
E(S/A)		Treat as Endangered because of similarity of appearance.
T(S/A)		Treat as Threatened because of similarity of appearance.
XE	Essential Experimental population	
XN	Nonessential Experimental population	
"xy" (mixed status)		Status varies for different populations or parts of range.
"x" NL		Status varies for different populations or parts of range with at least one part not listed.

APPENDIX K. RECREATIONAL FACILITIES

<i>Campgrounds, Cabins, and Lodges</i>	<i>Sites</i>	<i>Amenities</i>
Austin Campground	128	Open year round, cabin rentals, water, electric, sewage, shower house, camp store, pets welcome, fire rings, organized activities, recreation area, hunting and fishing, river access, and snowmobiling
Austin Dam		Open year round primitive camping
Benezett Store and Campground		Primitive and modern camping with dump station, restrooms, showers, sleep rooms, restaurant, and canopies
Cherry Springs State Park	30	Open April-Dec, fire rings, picnic table, lantern hanger, star gazing field
Elk Country Hideaway	1	Privately owned three bedroom lodge located in Benezette
Elk Mountain Homestead	1	Three bedroom lodge owned and operated by the Rocky Mountain Elk Foundation on 245 acres in Benezette
Elk Terrace Lodge	1	Privately owned three bedroom lodge located in Benezette
Hilltop Lodge	1	Privately owned lodge located in Emporium with 116 acres that can accommodate up to 18 people
Geist Mountain Creek Campground and Cabins		Privately-owned campground located near the village of Sinnemahoning
MacDarvey Castle	1	Privately owned in the middle of the Elk Range the Mac Darvey Castle can accommodate up to 10 guest
Medix Run Lodges and Camping	12	Located in the Medix Run valley are 3 lodges and 12 campsites
Old Charm Bed and Breakfast		Located in St. Marys six rooms are available to accommodate visitors
Parker Dam State Park	110	Open April-Dec, water, electric, pay phone, fire rings, organized activities, pets welcome, recreation areas, hunting, fishing, lake, sledding, and cross-country skiing. CCC interpretive center, environmental center, and 16 rental cabins are located within the park
Patterson State Park		Provides primitive camping
Prouty Place State Park		Provides primitive camping
Sinnemahoning State Park	35	Open April-Dec, water, electric, pay phone, fire rings,
Sizerville State Park	23	Open April-Dec, electric, pay phone, shower house, fire rings, camp store, hunting and fishing, river, and snowmobiling
Sleeping Elk Lodge	1	Privately owned lodge located in Benezette
The Big Elk Lick		Primitive camping in the heart of the Elk range catering to horse groups with access to Thunder Mountain Equestrian Trail

Sinnemahoning Creek Watershed Conservation Plan

Campgrounds, Cabins, and Lodges

Sites

Amenities

Tuts Huts		Efficiency cabins located on Winslow Hill in Benezette
Wapiti Woods	6	Located in Benezette each cabin has a wood burning fire place and varies in size and amenities
Winslow Hill Bed and Breakfast		Three rooms available to accommodate visitors
Winslow Meadow Lodge	1	Privately owned three bedroom lodge located in Benezette

Golf Courses

Size

Description

Bavarian Hills Golf Course		18-hole private golf course located outside of St. Marys
Emporium Country Club	6.291 acres	18-hole golf course established in 1953

Hiking Trails

Size

Description

Abbot Hollow Trail	1.7 miles	hiking, wildlife watching
Beaver Dam Trail	2.3 miles	hiking, wildlife watching
Bottomlands Trail		Sizerville State Park trail
Bucktail Path	34 miles	Travels through Elk State Forest from Sizerville State Park to the village of Sinnemahoning
Campground Trail		Sizerville State Park trail
Donut Trail	90 miles	Travels from Sinnemahoning to Farrandville interconnecting with the Susquehannock trail, Quehanna trail, and Bucktail path
East Cross Connector		Detour trail of the Quehanna Trail
Elk State Forest	64 miles	Not entirely located in project area
Elk State Forest Trails	97 miles	Not entirely located in project area
Elk Trail	16 miles	Crosses various terrains including railroad grades, pipelines, logging roads with a chance of seeing free roaming elk
Fred Woods Trail	4.5 miles	Loop trail to scenic vistas and unique area of large boulders
Laurel Run Trail	1 mile	hiking, wildlife watching
Logslide Trail	0.5 miles	history, trail connector
Low Lands Trail		Sinnemahoning State Park trail
Moshannon State Forest	178 miles	Not entirely located in project area
Moshannon State Forest Trails	168 miles	Not entirely located in project area
Nady Hollow Trail - Nady Hollow Connector		Sizerville State Park trail
Northslope Trail		Sizerville State Park trail
Parker Dam State Park	7 miles	Access to additional 32 miles of trail
Pine Tree Trail	1.75	Self-guided interpretive trail through the Pine Tree Natural Area

Hiking Trails	Size	Description
Quehanna Trail	75 miles	A hiking and backpacking trail looping through Moshannon and Elk State Forest crossing through Quehanna Wild Area and Marion Brooks Natural Area
Red Spruce Trail		Sinnemahoning State Park trail
Shawmut Trail		Borders the watershed in State Game Lands 25
Sinnemahoning State Park	5 miles	Access to additional 82 miles of trail
Sinnemahoning Trail		
Sizerville Nature Trail		A self guided trail located on Elk State Forest across from Sizerville State Park
Sizerville State Park	2 miles	Access to additional 82 miles of trail
Skunk Trail	1.4 miles	hiking, trail connector
Snow Trail	1.6 miles	hike, snowmobile
Souders Trail	0.75 miles	hiking
Sproul State Forest Trails	204 miles	Not entirely located in project area
Spurline Trail	3.5 miles	hiking
State Game Lands 25	11 miles	Not entirely located in project area
Stumpfield Trail	0.5 miles	hiking
Sullivan Ridge Trail	1.4 miles	hiking
Susquehannock State Forest Trails	220 miles	Not entirely located in project area
Susquehannock Trail	85 miles	A backpacking and hiking trail looping around the Susquehannock State Forest
Tornado Alley Trail	0.5 miles	hiking
Trail of New Giants	1 mile	hiking, scenic vista, windstorm preserve
West Cross Connector		Detour trail of the Quehanna Trail

Historical Sites	Description
Austin Dam	Listed on the National Register - Remnants of the Austin Dam that broke in 1911
Austin Historical Society	Austin Historical Society museum
Bucktail Monument	Historical monument dedicated to the members of the Bucktail Regiment
Cherry Springs Picnic Pavilion	Listed on the National Register - Picnic shelter that was built by members of Civilian Conservation Corps
Civilian Conservation Corps Interpretive Center	Museum dedicated to the history of the men who served in the Civilian Conservation Corps
Little Museum	Cameron County Historical Society
Noble-Chambers Memorial Forest	Located in the Quehanna Wild area this silviculture demonstration site is dedicated to the memories of James Knoble, Jr. and Lester Chambers, foresters killed in an explosion near the site in 1967
Parker Dam State Park Dam District	Listed on the National Register - dam built by members of the Civilian Conservation Corps
Parker Dam State Park Family Cabin District	Listed on the National Register - Cabins built by members of the Civilian Conservation Corps

<i>Historical Sites</i>	<i>Description</i>
Parker Dam State Park Octagonal Lodge	Listed on the National Register - Lodge built by members of the Civilian Conservation Corps
Tom Mix Comes Home Museum and Memorial Outhouse	Museum and memorial outhouse where Tom Mix, famous western actor grew up
Wayside Memorial Spring	Commemorates the efforts of eight Civilian Conservation Corps fire fighters who died while battling a forest fire at Pepperhill

<i>Parks</i>	<i>Size</i>	<i>Description</i>
Austin Dam Memorial Park	76 acres	Remnants of Austin Dam, picnic areas, hiking trails, primitive tent camping
Jay Township Community Park		School playground
Bucktail State Park	75 miles	Scenic drive along Route 120
Howards Zimmer Memorial Park		Cameron County Fairgrounds
Cherry Springs State Park	48 acres	Campsites, picnic area, CCC pavilion, Stars-n-Park program, PA first Dark Sky Preserve
Driftwood Park		Playground
Parker Dam State Park	968 acres	Campground, cabins, Quehanna Trail, boating, fishing, swimming, sledding, cross-country skiing, playground, wildlife watching, CCC museum, 20-acre lake, environmental education center, windstorm preserve
Patterson State Park	10 acre	Picnic pavilions, primitive campsites, and trailhead for Susquehannock Trail
Penfield Elementary School Playground		School playground
Prouty Place State Park	5 acre	Passive park providing access for hunting, fishing, wildlife watching, and hiking
Sinnemahoning State Park	1,910 acres	Wildlife viewing area, 142-acre lake, campground, boating, playground, picnic areas, picnic pavilions, 5 miles of trail, and 4.2 miles of snowmobile trails
Sizerville State Park	386 acres	Campground, picnic pavilions, picnic areas, outdoor amphitheater, playground, swimming pool, wading pool, environmental education programs, hiking trails, snowmobile trails
Sterling Run Playground		Playground and picnic pavilion
Thunder Mountain Park		Playground, restrooms, skate park
Woodland Elementary School Playground		School Playground

<i>State Forest Lands</i>	<i>Size</i>	<i>Description</i>
Elk State Forest	198,000 acres	Located in Cameron and Elk counties
Moshannon State Forest	187,000 acres	Located in Clearfield and Elk counties in the Bennett Branch watershed
Sproul State Forest	305,000 acres	Located in Clinton County portion of Sinnemahoning Creek

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<i>State Forest Lands</i>	<i>Size</i>	<i>Description</i>
Susquehannock State Forest	262,000 acres	Located in headwaters of First Fork Sinnemahoning Creek and the Freeman Run subwatershed

<i>State Game Lands</i>	<i>Size</i>	<i>Description</i>
State Game Lands 14	13,819 acres	Howard Siding
State Game Lands 25	23,136 acres	Johnsonburg; not entirely located in project area
State Game Lands 30	11,572 acres	Norwich; not entirely located in project area
State Game Lands 34	8,800 acres	Medix Run; not entirely located in project area
State Game Lands 93	4,876 acres	Sabula; not entirely located in project area
State Game Lands 293	2,284 acres	Swissmont
State Game Lands 311	1,730 acres	Benezette

<i>Approved Trout Waters</i>	<i>County</i>
Brooks Run	Cameron
Clear Creek	Cameron
Driftwood Branch Sinnemahoning Creek	Cameron
East Branch Cowley Run	Cameron
East Branch Hicks Run	Cameron
First Fork Sinnemahoning Creek	Cameron
Hicks Run	Cameron
Mix Run	Cameron
North Creek	Cameron
Sinnemahoning Portage Creek	Cameron
Stevenson Reservoir	Cameron
Upper Jerry Run	Cameron
West Branch Cowley Run	Cameron
West Branch Hicks Run	Cameron
Wykoff Run	Cameron
Bennett Branch Sinnemahoning Creek	Clearfield
Jack Dent Branch	Clearfield
Parker Lake	Clearfield
Wilson Run	Clearfield
Byrnes Run	Elk
East Branch Hicks Run	Elk
Hicks Run	Elk
Medix Run	Elk
Mix Run	Elk
Powers Run	Elk
West Branch Hicks Run	Elk
Bailey Run	Potter
Big Moores Run	Potter
East Branch Cowley Run	Potter
East Fork Sinnemahoning Creek	Potter
First Fork Sinnemahoning Creek	Potter
Freeman Run	Potter
South Woods Branch	Potter

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<i>Class A Wild Trout Streams</i>	<i>Miles</i>	<i>Section Limits</i>	<i>Trout Fishery</i>	<i>County</i>
Bronson Run	2.3	Headwaters downstream to mouth	Brook	Cameron
Brooks Run	1.7	Confluence of left and right branches downstream to South Fork Road bridge	Brook	Cameron
Canoe Run	3	Headwaters downstream to mouth	Brook	Cameron
Cowley Run	0.9	Confluence of east and west branches downstream to mouth	Brown	Cameron
Finley Run	4.7	Headwaters downstream 4.7 miles until 2.1 miles upstream from mouth	Brook	Cameron
Grove Run	5.8	Headwaters downstream to mouth	Brook	Cameron
Hunts Run	4.7	Confluence with McNuff branch downstream to mouth	Mixed Brook/Brown	Cameron
Lick Island Run	1.6	Confluence of Gravelly Run downstream to mouth	Brook	Cameron
Little Bailey Run	1.6	Headwaters downstream to mouth	Brook	Cameron
Miller Run	2.2	Headwaters downstream to mouth	Brook	Cameron
Muley Run	3.8	Source downstream to mouth at First Fork	Brook	Cameron
Norcross Run	3	Source downstream to mouth	Brook	Cameron
Square Timber Run	3.9	Headwaters downstream to mouth	Brook	Cameron
Tannery Hollow Run	2.8	Headwaters downstream to mouth	Brook	Cameron
Whitehead Run	2.5	Headwaters downstream to mouth	Brook	Cameron
Montour Run	3.2	Headwaters downstream to mouth	Brook	Cameron/ Clinton
Bell Draft	5.6	Headwaters downstream to mouth	Brook	Cameron/ Elk
Dents Run	4.8	Headwaters downstream to confluence with Dark Hollow	Mixed Brook/Brown	Cameron/ Elk
Driftwood Branch Sinnemahoning Creek	6.9	Headwaters downstream to confluence with Elk Fork	Brown	Cameron/ Elk
Sinnemahoning Portage Creek	2.5	Confluence with Parker Run downstream to confluence with Cowley Run	Brown	Cameron/ McKean
Waldy Run	4.8	Headwaters downstream to mouth	Brook	Cameron/ McKean
Berge Run	3.9	Headwaters downstream to mouth	Brook	Cameron/ Potter
Colbert Hollow	1.8	Headwaters downstream to mouth	Brook	Cameron/ Potter
McNuff Branch	5.2	Headwaters downstream to mouth	Mixed Brook/Brown	Cameron/ Potter
Jack Dent Branch	1.8	Headwaters downstream to first Jack Dent Road bridge	Brook	Clearfield
Little Dents Run	1.9	Headwaters downstream to mouth	Brook	Elk

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<i>Class A Wild Trout Streams</i>	<i>Miles</i>	<i>Section Limits</i>	<i>Trout Fishery</i>	<i>County</i>
Spring Run	2.4	Confluence of an unnamed tributary downstream to confluence with Stonybrook creek	Brook	Elk
Parker Run	6.8	Source downstream to mouth	Mixed Brook/Brown	McKean
Beech Run	1.9	Headwaters downstream to mouth	Brook	Potter
Big Moores Run	3.4	Headwaters downstream to confluence of Knickerbocker	Brook	Potter
Big Moores Run	2.3	Downstream boundary of Susquehannock Street downstream to mouth	Brown	Potter
Birch Run	5.3	Headwaters downstream to mouth	Brook	Potter
Dry Run	3.6	Headwaters downstream to mouth	Brook	Potter
East Fork Sinnemahoning Creek	2.5	Headwaters downstream to Dolliver Trail	Brook	Potter
East Fork Sinnemahoning Creek	2.9	Confluence of Wild Boy Run downstream to confluence of Camp Run	Mixed Brook/Brown	Potter
Freeman Run	2.2	Confluence of Postalweight downstream to confluence of Bark Shanty	Brook	Potter
Left Branch Big Nelson Run	4	Headwaters downstream to mouth	Brook	Potter
Prouty Run	2.9	Confluence of Ford downstream to mouth	Brown	Potter
Right Branch Lushbaugh Run	2.9	Headwaters downstream to mouth	Brook	Potter
South Branch Little Portage Creek	2.9	Source downstream to mouth	Brook	Potter
Stony Lick Run	3.2	Headwaters downstream to mouth	Brook	Potter
West Branch Freeman Run	3.2	Source downstream to confluence with Gas Well	Brook	Potter
West Branch Freeman Run	2.5	Confluence of Gas Well downstream to mouth	Brook	Potter
Wild Boy Run	2.4	Headwaters downstream to mouth	Brook	Potter

<i>Wilderness Trout Streams</i>	<i>Stream Class</i>	<i>Miles</i>	<i>Section Limits</i>	<i>Species Managed</i>	<i>County</i>
Cooks Run	EV	4	Confluence of Left and Right Branches downstream to mouth	Wild Brook Trout	Cameron
Hicks Run West Branch	EV	3.6	Headwaters downstream to confluence with Middle Branch Hicks Run	Wild Brook Trout	Cameron
Lushbaugh Run	EV	4.3	Headwaters downstream to mouth	Wild Brook Trout	Cameron
Clear Creek	EV	6.1	From headwaters downstream to confluence with Mud Run	Mixed Wild Brook/Brown Trout	Cameron

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<i>Wilderness Trout Streams</i>	<i>Stream Class</i>	<i>Miles</i>	<i>Section Limits</i>	<i>Species Managed</i>	<i>County</i>
Elk Fork	EV	3.6	From headwaters downstream to confluence with Nichols Run	Mixed Wild Brook/Brown Trout	Cameron
Mix Run	EV	3.7	From headwaters downstream to confluence with English Draft Run	Mixed Wild Brook/Brown Trout	Elk
Bailey Run	EV	6.5	From headwaters downstream to 120 meters upstream from confluence with Little Bailey Run	Mixed Wild Brook/Brown Trout	Potter
Left Branch Big Nelson Run	EV	4	Headwaters downstream to mouth	Wild Brook Trout	Potter
Birch Run	EV	5.3	From headwaters downstream to mouth	Wild Brook Trout	Potter
East Fork Sinnemahoning Creek	EV	2.5	From headwaters downstream to Dolliver Trail	Wild Brook Trout	Potter
Stony Lick Run	EV	3.2	From headwaters downstream to mouth	Wild Brook Trout	Potter

APPENDIX L. INTERVIEW AND SURVEY QUESTIONS

Key Individual Interview Questions

1. How has the watershed* changed in the past 10 years? Were these changes good, bad, indifferent? *Note: “watershed” includes landscape features, ecological communities, & human infrastructure.
2. How do the following currently meet the needs of the watershed community? (Are the quantities sufficient, insufficient, or satisfactory? Are they in good condition?) Please include your solution recommendations.
 - a. Transportation –area roads, public transportation
 - b. Infrastructure – water and sewer lines
 - c. Employment Opportunities
 - d. Educational Opportunities
 - e. Land Use Ordinances
3. Do the recreational opportunities currently meet the needs of the watershed community? (Are there too many, not enough, or a sufficient number? What condition are they in? Are they easy to access? Please include your solution recommendations.)
 - a. Parks/Picnic Sites
 - b. Hiking/Biking Trails
 - c. Off- Road Vehicle Riding
 - d. Scenic Vistas/Photography
 - e. Wildlife/Bird Watching _
 - f. Hunting/Fishing
 - g. Boating/Swimming
 - h. Historical Sites/Structures
 - i. Golf Courses and other
 - j. Winter Recreation
4. What are some of the positive features of the watershed? (Please consider both the ecological and social community in your answer, from water quality to economics.)
5. What are some of the negative impacts currently affecting the land, water, and biological resources?
6. Do you have any specific projects or type of projects you would like to see identified in the plan?
7. What must the watershed conservation plan say to be successful?
8. What must the watershed conservation plan *not* say to be successful?
9. Do you know of any other people we should interview?
Name _____ Phone _____
Address _____
10. Do you have any other questions or comments before we conclude this interview?

Municipal Survey

1.) What county and municipality do you represent?

County _____ Municipality _____

2.) In what watershed(s) is your municipality located? Note: watersheds include the area of land surrounding the mentioned tributaries and all minor tributaries draining into them.

- First Fork, including Freeman Run and East Fork
- Driftwood Branch, including Sinnemahoning Portage Creek and West Creek
- Bennett Branch
- Sinnemahoning Creek mainstem, including Wykoff Run
- Don't Know
- Other _____

3.) What do you think are the two most common land uses in your area?

- Residential
 - Commercial/Industrial
 - Water/Wetlands
 - Forested
 - Agricultural
 - Recreational
- Other _____

4.) Please indicate the importance of the following watershed values.

	Very Important	Somewhat Important	Neutral	Not likely Important	Not Important
Attractive Natural Settings	5	4	3	2	1
Preserving Historic Sites	5	4	3	2	1
Recreation Opportunities	5	4	3	2	1
Water Quality Improvement	5	4	3	2	1
New Business/Jobs	5	4	3	2	1
Community Activities	5	4	3	2	1
Residential Development	5	4	3	2	1
Educational Opportunities	5	4	3	2	1
Other _____	5	4	3	2	1

5.) Please indicate the importance of the following recreational activities in the watershed.

	Very Interested	Somewhat Interested	Neutral	Not-likely Interested	Not Interested
Boating	5	4	3	2	1
Hiking	5	4	3	2	1
Fishing	5	4	3	2	1
Canoeing/Kayaking	5	4	3	2	1
Horseback Riding	5	4	3	2	1
Swimming	5	4	3	2	1
Hunting	5	4	3	2	1
Bird Watching	5	4	3	2	1
Picnicking	5	4	3	2	1

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	Very Interested	Somewhat Interested	Neutral	Not-likely Interested	Not Interested
Visiting Scenic Vistas	5	4	3	2	1
Organized Sports	5	4	3	2	1
Photography	5	4	3	2	1
Visiting Public Parks	5	4	3	2	1
ATV Riding	5	4	3	2	1
Biking	5	4	3	2	1
Other _____	5	4	3	2	1

6.) Does your municipality have a comprehensive plan? YES or NO

If yes, what is the name of the plan(s) and when was it adopted?

7.) Do you currently utilize zoning and/or subdivision ordinances? YES or NO

If yes, what types of ordinances do you have?

- Zoning
- Subdivision ordinances
- Both

8.) Does your municipality have floodplain ordinances? YES or NO If yes, how are they enforced?

9.) What are the three most critical needs or challenges in your county or municipality that affect the Sinnemahoning Creek watershed?

10.) Are there any municipal parks in your watershed? If yes, please list them.

11.) a. Does your municipality have public water services in the Sinnemahoning Creek watershed area? YES or NO If yes, please list the name and capacity of each facility.

b. Do you foresee the need to upgrade or establish a public water supply in your municipality within the next ten years? YES or NO

12.) a. Does your municipality have public sewage systems in the Sinnemahoning Creek watershed area? YES or NO If yes, please list the name and capacity of each facility.

b. Do you foresee the need to upgrade or establish a public sewage in your municipality within the next ten years? YES or NO

13.) What projects would you like to see implemented in your area that could be included in the Sinnemahoning Creek Watershed Conservation Plan? Please list short-term and long-term projects and goals.

- a.) Land Use/Land Resources (farmland preservation, development, planning, etc.)
- b.) Water Resources (quality, quantity, etc.)
- c.) Biological Resources (plant, animal, terrestrial, aquatic, areas of concern, etc.)
- d.) Cultural Resources (historical, recreational, environmental education, etc.)
- e.) Other (roads/other transportation, economy/jobs, population & demographic trends)

Public Survey

General Questionnaire

General Questionnaire

Voice Your Opinion

* Please use the following scale for the next three questions, each number can be used more than once.

- 5 = Very Important
- 4 = Somewhat Important
- 3 = Neutral
- 2 = Not very Important
- 1 = Not Important

3. Please indicate the importance of the following watershed values.

- _____ Attractive Natural Settings
- _____ Community Activities
- _____ Educational Opportunities
- _____ New Business/Jobs
- _____ Preserving History/Culture
- _____ Recreation Opportunities
- _____ Residential Development
- _____ Water Quality
- _____ Other _____

4. Please indicate the importance of the following recreational activities in the watershed.

- _____ ATV Riding
- _____ Biking
- _____ Bird/Wildlife Watching
- _____ Boating
- _____ Canoeing/Kayaking
- _____ Fishing
- _____ Hiking
- _____ Horseback Riding
- _____ Hunting
- _____ Organized Sports
- _____ Photography
- _____ Picnicking
- _____ Snowmobiles
- _____ Swimming
- _____ Visiting Public Parks
- _____ Visiting Public Vistas
- _____ Other _____

5. Please indicate the importance of addressing the following watershed issues.

- _____ Preserving Agricultural Lands
- _____ Eliminating Illegal ATV/Snowmobile Use and Conflicts
- _____ Providing ATV/Snowmobile Recreation Facilities
- _____ Improving Infrastructure (i.e. roads, water, sewage, etc.)
- _____ Enhancing Economic Development
- _____ Increasing Environmental Education
- _____ Reducing Erosion & Sedimentation
- _____ Reducing Flooding
- _____ Improving Forestry Techniques
- _____ Preserving Historical & Cultural Heritage
- _____ Preventing Illegal Dumping & Clean up Litter
- _____ Controlling Invasive Species
- _____ Reclamation of Mine Drainage/Mine Lands
- _____ Reducing Storm Water Runoff
- _____ Addressing Tourism Impacts
- _____ Managing Waste Sites/Hazardous Spills
- _____ Improving Water Quality
- _____ Ensuring Adequate Water Quantity
- _____ Improving Wildlife/Fisheries Habitats
- _____ Other _____

6. What are the top 3 services/amenities that are lacking within the watershed? (i.e. restaurants, public restrooms, gas stations, emergency services, etc.)

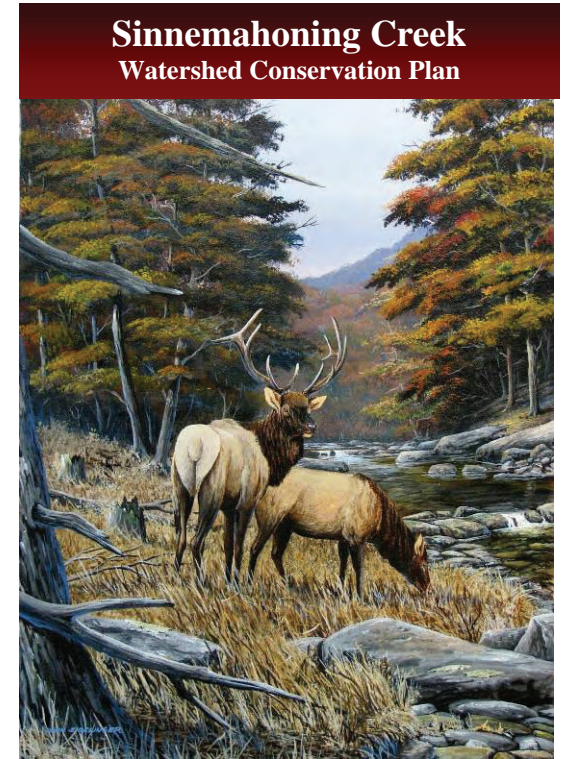
1. _____
2. _____
3. _____

7. Other comments or concerns.

Thank you very much for completing this survey. Please return the survey within two weeks.

Return Options:

Refold the pamphlet, tape (do not staple), and place it in the mail with proper postage. Or, drop off at Parker Dam State Park, Sinnemahoning State Park, or the Barbara Mascato Brown Memorial Library.



By completing and returning the survey, you will have a chance to win this John Sidelinger original painting, more information inside.

The goal of the Sinnemahoning Creek Watershed Conservation Plan is to assess past and present conditions of resources to develop a plan for the future of the watershed, which will:

- promote responsible recreation
- educate and encourage stewardship to protect and restore natural resources
- foster an appreciation and understanding of cultural and historical legacies

APPENDIX M. FOCUS GROUP MEETING RESULTS

Project Area Characteristics

What areas currently lack infrastructure needs (sewage, water, telephone, internet, roads, etc)?

- Water and sewage cooperative systems
- Newer technology for sewage
- Cell phones for emergency access – satellite (?)
- Need more gas stations
- Open forestry roads when appropriate
- Limestone on dirt roads to prevent soil run-off
- Allow ATVs of forestry roads (?)
- Emergency services
- Telecommunications
- Keep development on the periphery
- Prevent sprawl
- Keep road building to a minimum
- Context-sensitive development
- More campgrounds and B&Bs

Where is infrastructure failing or need to be improved (dirt and gravel road issues, pull-offs for tourist, safe passing lanes, sewage/septic, water supply)?

- Water system (Driftwood)
- Useable areas for pull-offs?
- Dirt roads
- More pull offs are needed
- Septic
- Sign pollution prevention

What areas need additional services for tourism (food, lodging, fuel, souvenirs, and restrooms)?

- Driftwood and Wharton areas
- Rest areas
- Souvenirs quality befitting of area
- Bike Trails

Where can business/economic development opportunities be improved? How and what types of business development can be supported to sustain the watershed?

- Bike Trails
- Rentals
- Bed and Breakfasts
- Outfitters
- Sporting Goods
- Restaurants

Land Resources

What issues and concerns do you have regarding current land-use policies on public lands?

- PA WILDS – use proper development in the initiative.
- Don't change the character/ local culture by making the area a 'tourist attraction'.
- Keep businesses locally owned.
- Gas well site development – road maintenance
- More coordination among public landowners (DCNR and PGC)
- Quehanna Wild area – Forestry needs active management of the timber.

Are there any brownfield sites, if so where are they located?

- The 'Tyler area' was noted
- A site near Driftwood at the Castle Garden Bridge
- DCED site finder lists 11 sites:
 - Carey's Store, Grove Twp, Cameron Co
 - Wittman Property, St. Mary's
 - Hunt Oil Products, St. Mary's
 - Stackpole Complex, St. Mary's
 - Huston Twp Water Auth Bldg, Penfield
 - Penfield Commercial Lot, Penfield

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- Former Auto Dealership, Shippen Twp.
- Former Machine shop & Laundry, Emporium
- Pro-America, Emporium
- Former Tri-Fac Property, Emporium
- Emporium borough Taylor St. Property, Emporium

Are there any auto salvage or scrap yards, if so where are they located?

- These were located on the map
- Route 255 at Force
- At Force across Bennett Branch on hillside
- Route 46 north Emporium

What hazardous areas are of concern in the watershed?

- Two features were considered: Abandoned Mine Lands (AML) with dangerous highwalls and Abandoned Landfills
- AML sites: numerous sites in Bennett Branch watershed, much remediation being done. Comprehensive list was provided by BAMR (Eric Cavazza). Sterling Run area has abandoned sites with Priority 2 status including the following Problem Areas (PA):
3310,4749,6070,3309,6071
- Three abandoned landfills were located on the map: Shippen Twp; Huston Twp; East Fork

What critical areas are threatened, by what, and where are they located?

- Wind farms
- Steep slopes (erosion impact) – 4- wheelers; horses
- Logging industry – education or courses on logging & sustainable forestry.

Do you have any other issues or concern?

- Need for a place to properly dispose of appliances, etc to prevent illegal dumping
- Concern about increased tourism and development of the area
- Preserve the natural area – it is a unique feature; don't lose the 'big woods'

Water Resources

What streams are the most critically impaired and what type of impairment is degrading it? Please prioritize.

- Abandoned Mine Drainage
 - Bennett's Branch
 - Sterling Run *Minimal impacts
 - West Creek
 - Parker Run*
 - Canoe Run*
- Dirt and Gravel Roads bordering streams
 - Includes many streams in Cameron, Clearfield, Elk, Potter, and McKean counties
 - Particularly Big Morris Run, Hunts Run, Bark Shanty, Hicks Run, Salt Run, Sizer Run, 4mile Run, Waldy Run
 - Includes oil and gas sites and the onslaught of new oil and gas sites coming to the area
 - Includes logging roads as problem particularly in our headwater streams
- Acid Rain Problems – Mix Run, Medix Run, and other headwater streams
- Lack of Vegetative Riparian Corridors – Driftwood, First Fork, and Portage Creek
- Stevenson Dam filling with sediment

What areas in the watershed are most impacted by stormwater issues? Where is Stormwater planning most urgently needed?

- Emporium – storm drains enter directly into streams
- Saint Marys – The town is basically built on top of the stream. West Creek flows under ground and streets for several miles

Where are erosion and sedimentation concerns the most pronounced?

Areas lacking riparian vegetation - Dirt and gravel roads, logging, and oil and gas road sites

Areas of development such as Clear Creek, North Creek, Portage Creek, Driftwood, and First Fork

Are there any abandoned dams affecting recreation and ecology? Please indicate their location and rate the potential for removal.

Pickrick Dam located at the Fly Fishing Only Section of Driftwood. PFBC wants to remove it but the landowner does not want to allow access.

What areas are most impacted by or vulnerable to floodplain/wetland development/degradation?

Due to the topography, all housing in Cameron County is located in the valleys affecting wetlands and floodplains. Logging, oil and gas, and mining sites influence wetlands as well.

Are there any concerns over the available supply of water/groundwater; if so, what areas seem to be of the greatest concern?

Driftwood Borough had quantity issues this past summer in Nanny Run, their source water. Also noted was the amount of bacteria in groundwater wells.

What high quality streams are in the direst need of protection?

- There was a large agreement of protection of HQ and EV streams
- Portage Creek
- Cooks Run
- Big Moores Run

Please indicate areas where forestry or agricultural practices are affecting water quality.

- Farms are next to the streams because that is the only area of flat ground.
- Cooks Run and Clear Creek have been degraded from logging.

Do you have any other issues or concerns?

- Mention of Alternative Energy
- Very large agreement on Public Access along the Driftwood with the Railroad

Biological Resources

Which areas of the watershed are impacted most severely by disease and pests, including invasive species?

- Current Impacts
 - Beetle Pest (Kills Willows) Big Moore's Run
 - Multiflora Rose – throughout watershed
 - Hemlock wooly adelgid
 - Buckthorn
 - Japanese knotweed

- Mile-A-Minute weed
- Tree of Heaven
- Asian lady bug beetles
- Purple loostrife
- Anthracnose (Sycamores)
- Possible Future Impacts
 - Elm spanworm
 - Gypsy moth
 - Rusty crawfish
 - Emerald ash borer

What wildlife management issues exist in the watershed, how effectively are they being managed?

- Elk
- Restoration of Driftwood Branch
- Bald Eagle population
- Pros and cons of white-tailed deer population
- Deer management effective for regenerating forests
- Overabundance of ferns and consequences of herbicide treatments
- Trout stocking – introduced species/ maintaining brook trout populations
- Timber rattlesnakes – management techniques (?) Surveys (?)

Based on the map, are there any additional biological diversity areas that should be identified/investigated further?

- Old growth areas (Johnson Run, Lower Jerry Run)
- Unique wildflower areas (Cowley Run)
- Palustrine Forests (Head of Medix Run)
- Quehanna wild area
- Cranberry bogs, sundew colonies, pitcher plant (Wallace Run, Beaver Dam Run)
- Hellbenders (where are they?)

Eighty-nine percent of the watershed is forested; where are poor forestry practices impacting the natural resources and does this seem to be more of a problem on private or public lands.

- Seneca
- Gas exploration
- Lot of small logging outfits may not be using BMPs
- Enforcement of BMPs
- More problems on private lands
- Stricter requirements for using BMPs when doing forestry management
- High grading, especially on private lands, less diversity

What unique biological features are found in the watershed?

- Headwater areas
- 89 % forested
- Forested watershed
- Rock outcroppings
- Some areas not impacted by abandoned mine drainage
- Abundant native species
- Clean water
- Waterfall
- Elk

What programs are currently offered to assist landowners with conservation, habitat creation, and best management practices implementation?

- PLAP – private landowner assistance program
- WHIP (wildlife habitat incentives program) – USDA, NRCS, PGC
- EQUIP – Environmental Quality Incentives Program
- Habitat management section – PFBC
- Norfolk settlement – PFBC, DEP
- CREP – PGC, USDA
- Service forester program – DCNR

Do you have any other issues or concerns?

- ATVs
- PA Wilds – end result
- OGM – mandatory PNDIs to get permits
- Threatened and or endangered species
- Gas exploration
- Invasive species

Cultural Resources

Where are the local (community) parks located?

- Cultural resources have already been inventories through Lumber Heritage Region, state parks, state forests, DCNR recreation plan, elk watching and nature tourism.

According to the map, are there any recreational facilities not included or incorrectly located or named?

- Cultural resources have already been inventories through Lumber Heritage Region, state parks, state forests, DCNR recreation plan, elk watching and nature tourism.
- Hiking trail systems are greatly under utilized and promoted

Where do the people access the creek for canoeing, fishing, swimming? Is it public or privately owned?

- Cultural resources have already been inventories through Lumber Heritage Region, state parks, state forests, DCNR recreation plan, elk watching and nature tourism.
- Railroad right-of-way from Emporium to Driftwood access to streams and coke ovens is blocked.
- Stream access and amenities along first fork from Wharton down
- Stream access and amenities along all navigable waterways in watershed

What sites have the best potential for establishing stream access?

- Cultural resources have already been inventories through Lumber Heritage Region, state parks, state forests, DCNR recreation plan, elk watching and nature tourism.

What additional recreational needs are currently not available?

- Designated trail systems for ATVs
- State forest roads open for ATV use. Trail system (roads) exists but not currently open legally.

Are there any historical features of the watershed that are important to preserve and highlight?

- Cultural resources have already been inventories through Lumber Heritage Region, state parks, state forests, DCNR recreation plan, elk watching and nature tourism.
- Austin Dam

Do you feel environmental education opportunities are lacking/adequate?

- Environmental education needs should be evaluated on a broad approach and then broken out and expanded upon specific topic bases.
- Saint Marys School District covers a wide array of environmental issues, professions, and experiences, including green energy, PGC, forestry, hunting, fishing, and trap shooting?
- What do other school districts do?

Do you have any other issues or concerns?

- Blend of culture and industrial heritage with technological advancement.
- Health care and medical facilities
- Lack of cell phone coverage
- Lack of governmental leadership in the role of community identify and personal accountability (welfare reform, low income housing reform, etc.)
- Prouty park rehabilitation and promotion due to its location near Susquehanna Trail system
- Identify culture/history and develop connection to these designations through local residents and professionals. (Fun way to get there!)

APPENDIX N. PUBLIC COMMENTS

APPENDIX O. FUNDING SOURCES

Sponsoring Organization	Description / Restrictions	Contact
BMP		
State Conservation Commission-Dirt and Gravel Roads Maintenance	Available to local municipalities and state agencies for projects dealing with the BMPs for erosion and sedimentation control problems and fugitive dust in watersheds; dirt and gravel road jurisdiction required.	www.pacd.org
Community		
Pittsburgh Foundation	Economic, community development and the environment. Activities that increase employment, build strong neighborhoods, and promote civic engagement by all segments of the population. Funds for quality of life.	www.pittsburghfoundation.org
Energy		
DEP - Alternative Fuels	The Alternative Fuels Incentive Grants program continues to fund a considerable number of projects that use alternative fueled energy sources to reduce air pollution and our dependence on foreign oil. Alternative fuels include compressed natural gas.	www.dep.state.pa.us
Environmental		
Beldon II Fund	Support environmental organizations working at the state-level. Some grants are made to regional and national organizations for efforts that support the work of state level groups.	www.beldon.org
Ben & Jerry's Foundation	Grant applications need to demonstrate that the project will lead to environmental change, address the root causes of environmental problems, and must help ameliorate an unjust or destructive situation by empowering constituents and facilitating leadership.	www.benjerry.com
Eddie Bauer	Fund projects in certain local areas that support environmental goals such as clean rivers and streams or beautifying parks and school grounds. Must be 501(c) 3 and proposal should be kept between 2-3 pages.	www.eddiebauer.com

Sponsoring Organization	Description / Restrictions	Contact
Environmental (continued)		
Howard Heinz Endowment	This program promotes environmental quality and sustainable development by supporting efforts to eliminate waste, harness the power of the market, and create a restorative economy. Should Promote sustainable urban design. Concentrated in Western Pennsylvania.	www.heinz.org
Raymond Proffitt Foundation	The foundation's purpose is to protect and restore the quality of the natural and human environment by informing and educating the general public about the impact of human endeavors upon the natural environment. The RPF strives to advance this understanding.	www.rayproffitt.org
Surdna Foundation	The foundation's goal is to prevent damage to the environment and to promote more efficient, economically sound, environmentally beneficial, and equitable use of land and natural resources. Does not fund environmental education, sustainable agriculture, food production or toxic and hazardous waste.	www.surdna.org
Vira I Heinz Endowment	This program promotes environmental quality and sustainable development by supporting efforts to eliminate waste, harness the power of the market, and create a restorative economy. The program's goal is to promote sustainable urban design. Western Pennsylvania watersheds only.	www.heinz.org

Environmental/Watershed

EPA-Clean Water State Revolving Fund	May also contact: Beverly Reinhold (717) 783-6589. Infrastructure Investment Authority, Keystone Building 22 South Third Street, Harrisburg, PA 17101. email: breinhold@state.pa.us or Peter Slack, (717) 772-4054; DEP 400 Market Street, Harrisburg, PA 17105	(717) 772-4054
WREN - Conference/Training Scholarships	The activities funded must be educational and relate to drinking water source protection or watershed education. Applicant is required to provide a five percent match.	www.pa.lwv.org/wren
River Network Watershed Assistance Grants	Watershed projects and group start-ups.	www.rivernetwork.org
Foundation for Pennsylvania Watersheds	Provides funding to grassroots organizations and watershed associations for specific watershed remediation in Pennsylvania.	

Sponsoring Organization	Description / Restrictions	Contact
Environmental Education Captain Planet	Supports hands-on environmental projects for children and youth to encourage innovative programs that empower children and youth around the world to work individually and collectively to solve environmental problems. Only for environmental education of children. Online only.	www.turner.com/cpf
DEP Environmental Education Grants	Open to schools, conservation districts, and non-profits. Open in summer, awarded in spring. Final application due dates vary. Application available online. Requires twenty percent match and reimbursement program.	www.dep.state.pa.us
Education Mini Projects Program	Small grants for Pennsylvania-based grassroots educational projects that address non-point source watershed concepts.	(717) 236-1006
Emerson Charitable Trust	Strong emphasis on cultural aspects and youth education, also science and education.	(314) 553-3722
EPA Environmental Education Grants Region III	Grants awarded to small non-profit groups for various projects in Region III.	(215) 566-5546
National Environmental Education and Training Foundation	To increase environmental awareness, environmental education, partnerships, etc. May also be reached at (202) 261-6464. Proposal deadlines: Jan. 1, March 1, July 15, and Sept. 1	(202) 833-2933
PACD - Mini Projects	The objectives of the Educational Mini-Project must promote the We All Live Downstream message by: stimulating an awareness of and interest in Pennsylvania's non-point source water pollution problems and solutions; salaries are not an approved expenditure.	www.pacd.org
Project Wild	Project Wild is an interdisciplinary supplementary environmental and conservation program for educators of children in grades K-12. Small grants only.	www.projectwild.org
The Dunn Foundation	Promote the issues of the negative effect that sprawl, visual pollution, and poorly planned development have on the visual environment of communities and the resulting loss of quality of life. Encourage dialogue within and between communities. Do not fund property acquisition, capital improvement projects, capital campaigns, endowments, individuals, religious groups, or political organizations.	www.dunnfoundation.org

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Sponsoring Organization	Description / Restrictions	Contact
Environmental Education (continued)		
The Pathways to Nature Conservation Fund - National Fish and Wildlife Foundation	A partnership between the more than 270 Wild Birds Unlimited, Inc. franchises and the National Fish and Wildlife Foundation. The Pathways to Nature Conservation Fund offers grants to enhance environmental education activities and bird and wildlife viewing opportunities at significant sites.	www.nfwf.org
Water Resources Education Network - LWV	Funding to develop education programs for water issues facing communities. Local contact is shrenehess@yourinter.net, Indiana PA, 724-465-2595. Must be 501(c)3	www.pa.lwv.org/wren
WREN - Opportunity Grants	The activities funded must be educational and relate to drinking water source protection or watershed education.	www.pa.lwv.org/wren

Environmental Justice

EPA-Environmental Justice Small Grant Program	The program provides financial assistance to eligible affected local community-based organizations working on or planning to work on projects to address local environmental and/or public health concerns.	(202) 564-0152
Nathan Cummings Foundation	The foundation's purpose is to facilitate environmental justice and environmentally sustainable communities by supporting the accountability of corporations, governments, and other institutions for their environmental practices. Does not fund individuals, scholarships, or capital or endowment campaigns.	www.ncf.org
Norman Foundation	Support efforts that strengthen the ability of communities to determine their own economic, environmental, and social well-being, and that help people control those forces that affect their lives. Only fund in U.S. They do not fund individuals, universities, conferences, scholarships, research, films, media, arts projects, capital campaigns, fundraising drives, or direct social service programs.	www.normanfdn.org

Environmental Planning

Coldwater Heritage Partnership	Grants for prioritizing watersheds in need of protection, for assessment of coldwater ecosystems, and for the development of watershed conservation plans.	(717) 787-2316
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Sponsoring Organization	Description / Restrictions	Contact
Environmental Planning (continued)		
DEP Nonpoint Source Control	Grants for planning and non-point source pollution control projects.	(717) 787-5259
DCNR - Community Conservation Partnership Program	Available to organizations that conserve and enhance river resources. Planning grants are available to identify significant natural and cultural resources, threats, concerns, and special opportunities, and the development of river	www.dcnr.state.pa.us
NRCS Watershed Surveys and Planning	Providing assistance for planning in water and coordinated water and related land resource programs in watersheds and river basins. Types of surveys and plans funded include watershed plans, river basin surveys and studies, flood hazard analyses, and floodplain studies.	www.nrcs.usda.gov

Flood Protection

DEP Flood Protection Grant Program	Open to communities that need to perform non-routine maintenance or improvements to already existing flood protection projects. Also applies to the purchase of specialized equipment. Open to communities that have flood protection projects that are deemed operable.	(717) 787-7432
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General

Archer-Daniels-Midland Foundation	Proposals can be sent in letter form containing: 1) Description of the organization applying. 2) Description of the project/What funding would be used for. 3) A budget including how much is going to administrative costs. Emphasis is given to corporate operating locations.	www.admworld.com
Audrey Hillman Fisher Foundation, Inc.	Must refer to Application Procedures for more information. Preference given to southwestern Pennsylvania and central New Hampshire.	(412) 338-3466
Eureka Company	No specific interest, but, general focus is on social services, health, and the environment (wildlife, fisheries, habitat, and sustainable community development)	www.electrolux.se
Henry Hillman Foundation	Preference is given to organizations in the Pittsburgh/southwestern Pennsylvania area.	www.guidestar.org
Patagonia, Inc. Environmental Grants Program	Supports small grassroots organizations. Does not fund land acquisition.	www.patagonia.com

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Sponsoring Organization	Description / Restrictions	Contact
General (continued)		
The Boeing Company	Provides contributions for capital campaigns, seed money (one-time grants) for new programs or projects that address community needs and priorities, and one-time grants to buy equipment, improve facilities, or enable special projects.	www.boeing.com/community
The Education Foundation for America	EFA's priorities include supporting the monitoring of the utility restructuring process as it impacts the environment, combating the growth of the "wise-use" movement, opposing large-scale live-stock confinement, and cutting federal "pollution." Letter limited to two pages.	www.efaw.org
The Prospect Hill Foundation	The foundation's environmental grant making concentrates on habitat and water protection in the northeastern region of the United States. Must have 501(c)3. The organization does not fund individuals, basic research, sectarian religious	http://fdncenter.org/grantmaker/prospecthill/

GIS

DEP-GIS Software Grant	The grants consist of the latest commercial release of ArcView GIS software; several texts about utilizing GIS for environmental applications and land-use planning; CD-ROM containing spatial data about the commonwealth. Only issue 10 per quarter.	www.dep.state.pa.us
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Habitat

General Challenge Grant Program -National Fish and Wildlife Foundation	Requires non-federal match of 2:1. Address actions promoting fish and wildlife conservation and habitat; should involve conservation and community interest; leverage available funding and evaluate project outcomes.	www.nwf.org
Keep the Wild Alive (KWA) Species Recovery Fund	Fund on-the-ground projects that directly improve conditions for the endangered species highlighted in the KWA campaign. Current National Wildlife Federation employees are ineligible and applications must be submitted in English.	www.nwf.org/wildalive
Small Grants Program - National Fish and Wildlife Foundation	Address priority actions promoting fish and wildlife conservation and the habitats on which they depend; work proactively to involve other conservation and community interest; leverage available funding, and evaluate project outcomes. A 2:1 match of non-federal funds is required.	www.nwf.org

Sponsoring Organization	Description / Restrictions	Contact
Internship		
Office of Surface Mining Intern Program	Candidates must organize their work, work well with community groups and on their own, quickly internalize the requirements of acid mine drainage remediation and the national Clean Streams program, write well and enjoy public presentations. Academic credit. Can be undergraduate or graduate student. Positions available in AL, IL, IN, IA, KY, MD, MS, OH, OK, PA, TN, VA, WV. Must provide housing for interns.	(202) 208-2836

Land Protection

DCNR Community Conservation Partnership Program	Conserve and enhance river resources by offering planning grants, technical assistance, implementation grants, development grants, and acquisition grants.	www.dcnr.state.pa.us
Lowes Charitable Foundation	Environmental initiatives that support the continued enhancement of the natural landscape, natural environment enhancers, and/or park improvement projects. Must apply online. Must be a 501(c)3.	www.lowes.com
Michael D. Ferguson Charitable Foundation	General environment, wildlife, fisheries, habitat, sustainable community, and development.	n/a
Nationals Parks Service - Land & Water Conservation Fund	Provide federal grants for land acquisition and conservation to federal and state agencies.	(303) 969-2500
The Wilderness Society	To preserve wilderness and wildlife, protect America's prime forest, parks, rivers, and shore lands, and foster an American land ethic. Alternate address Montana Regional Office, 105 West Main St., Suite E, Bozeman, MT 59715-4689	www.wilderness.org
Town Creek Foundation	Environmental issues of interest to the foundation include: 1) Preserving the ecological richness of our natural heritage, with a major focus on our federal public lands. 2) Promoting policies and practices to protect the land, estuaries, and coastal bays.	www.towncreekfdn.org

Sponsoring Organization	Description / Restrictions	Contact
Loan		
Environmental Loan Fund	The loan can be used for membership development, creating and implementing a workplace giving program, cause-related marketing, donor development, special events, direct mail campaigns, mission related business enterprises, or capital campaign work.	www.envsc.org
Pennsylvania Infrastructure Investment Authority Drinking Water Loans	Must show water quality impact, must have qualified loan candidate. Loans to stormwater projects and non-point source projects. Interest is 1-2.8 percent over 20 years.	(717) 787-813

Multiple		
Acorn Foundation	Interested in small and innovative community-based projects which preserve and restore habitats supporting biological diversity and wildlife, and advocate for environmental justice. Does not fund the following: direct services, capital expenditure, construction or renovation programs, programs undertaken by tax-supported institutions or government initiatives, emergency funding, scholarship funds, or other individual aid.	www.commoncounsel.org/pages/foundation.html
Allegheny Foundation	The Allegheny Foundation concentrates its giving in the western Pennsylvania area and confines its grant awards to programs for historic preservation, civic development, and education. No event sponsoring. Does not fund individuals.	www.scaife.com
Anne & George Clapp Charitable & Educational Trust	Fields of interest include education, social services, youth and child welfare, and aging. Limited support for cultural programs, historic preservation, and conservation. Southwestern Pennsylvania only; grants are not made to individuals. No grants are made for medical research, research projects, filmmaking, conferences, or field trips.	(412) 234-1634
Charlotte and Donald Teast Foundation	Sustainable communities, arts, humanities, civic and public affairs, education, the environment, health, and social services.	(214) 373-6039
Ford Foundation	Interested in general/operating support, continuing support, endowment funds, program development, conferences/seminars, professorships, publication, seed money, fellowships, internships, research, technical assistance, consulting services, and program-related investments.	http://jefferson.village.virginia.edu/readings/ford.html

Sponsoring Organization	Description / Restrictions	Contact
Multiple (continued)		
Max and Victoria Dreyfus Foundation	Consider support for museums, schools, educational and skill training projects, programs for youth, seniors, and the handicapped. Must be located in the U.S.	(914) 682-2008
National Fish and Wildlife Fund -Five Star Restoration Challenge	Projects must involve diverse partnerships of, ideally, five organizations that contribute funding, land, technical assistance, workforce support, and/or other in-kind services. Projects involving only research, monitoring, or planning are not eligible. No mitigation work.	www.nfwf.org
National Parks Foundation	Education, training, preservation, and conservation. The grants that are available change often. See the website for current funding opportunities. Projects must connect with National Parks, be located on or next to National	www.nationalparks.org
Native Plant Conservation Initiative - National Fish and Wildlife Foundation	Through this initiative, grants of federal dollars will be provided to non-profit organizations and agencies at all levels of government to promote the conservation of native plants. There is a strong preference for "on-the-ground" projects that involve local communities and citizen volunteers in the restoration	www.nfwf.org
Public Welfare Foundation	The Public Welfare Foundation supports organizations that address human needs in disadvantaged communities, with strong emphasis on organizations that include service, advocacy and empowerment in their approach: service that remedies specific problems; advocacy that addresses those problems in a systemic way through changes in public policy; and strategies to empower	www.publicwelfare.org
Robert Shaw Charitable Foundation	Money to assist those organizations who work to enhance the educational, health and welfare, cultural, youth development, social welfare, and community development needs of the area. Only one grant per year will be	(724) 832-7578
Scaife Family Foundation	Grants awarded will support programs that strengthen families, address the health and welfare of women and children, or promote animal welfare. No event sponsorships, endowments, capital campaigns, renovations, or government agencies. No grants to individuals.	www.scaife.com
The French Foundation	Environment, and natural resources	n/a
The Lawrence Foundation	The mission of The Lawrence Foundation is to make a difference in the world by providing contributions and grants to organizations that are working to solve pressing educational, environmental, health, and other issues.	wwwthelawrencefoundation.org

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Sponsoring Organization	Description / Restrictions	Contact
Multiple (continued)		
The Max and Anna Levinson Foundation	Interested in the environment, including preservation of ecosystems and biological diversity, but also environmental justice, alternative energy, alternative agriculture, and toxics. Must have 501(c)3 status. Rarely fund organizations with budgets in excess of \$500,000.	www.levinsonfoundation.org
Turner Foundation	Supports activities to preserve the environment, conserve natural resources, protect wildlife, and develop and implement sound population policies. Interested in protecting rivers, lakes, wetlands, aquifers, oceans. Does not provide funding for buildings, land acquisition, endowments, start-up funds, films, books, magazines, or other specific media projects. Alternate Phone: 404-681-0172.	www.turnerfoundation.org

Natural Resources

Beneficia Foundation	Only applications for projects focusing on conservation of the environment or the arts will be considered. Beneficia has no geographic preferences, but favors requests for project support over general support and does not look favorably	n/a
Canaan Valley Institute	Promotes the development and growth of local associations committed to improving or maintaining the natural resources of their watersheds in the Mid-	www.canaanvi.org
Charles A. and Anne Morrow Lindburgh Foundation	Grants awarded for the conservation of natural resources and water resource management. Grants are awarded to individuals for research and educational programs, not to organizations for institutional programs.	www.lindberghfoundation.org
Dana Corporation	Will consider funding air quality, environment, general, and water resources projects. Emphasis is given to areas where the corporation operates.	www.dana.com
Home Depot	Assistance is provided to non-profit organizations that direct effort toward protecting our natural systems. The grant program focuses on forestry and ecology, clean up, and recycling, green building design, and lead poisoning prevention.	www.homedepot.com
W. Alton Jones Foundation, Inc.	The goals of the foundation are to build a sustainable world by developing new ways for humanity to interact responsibly with the planet's ecological systems, and build a secure world by eliminating the possibility of nuclear war by	www.wajones.com

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Sponsoring Organization	Description / Restrictions	Contact
Natural Resources (continued)		
Leo Model Foundation	Grants for habitat conservation, watershed conservation, and species preservation in the U.S.	(215) 546-8058
National Fish and Wildlife Fund Challenge Grants for Conservation	The foundation, in partnership with the NRCS and NACD (National Association of Conservation Districts) provides challenge grants. Primary goal of the program is to support model projects which positively engage private landowners.	www.nfwf.org
Rivers, Trails and Conservation Assistance Program	Grants to work with National Park Service to conserve land and river resources, and provides funding for various projects dealing with the conservation of these resources, including the development of trails and greenways.	(215) 597-1581
The River Restoration - NOAA	Submittal by email whenever possible. Encourage contact to discuss project prior to submitting application. Formal non-federal matches not required, but encouraged. Dam removal and fish passage. Available in northeast, Mid-Atlantic, and California.	www.amrivers.org/feature/restorationgrants.htm
The Watershed Protection and Flood Prevention Act	Plan development for natural resource concerns within a watershed area; cost sharing available to carry out plan.	(717) 782-4429
The William C. Kenney Watershed Protection Foundation	Protecting the remaining wild rivers of the west and ensuring the effectiveness of small environmental organizations.	www.kenneyfdn.org

Other

Charles Stewart Mott Foundation	The environmental program is devoted to reform of international lending and trade policies. Projects must be part of a national demonstration when out of the Flint, Michigan area.	www.mott.org
North American Fund for Environmental Cooperation	Funds community based projects in Canada, Mexico and the U.S. to enhance regional co-operation, prevent environmental and trade disputes, and to	(514) 350-4357
PA DEP Brownfields Inventory	Grantees will be paid \$1,000 for each site registered into the PA Site finder. Municipalities and economic development agencies may apply for the grant by submitting an application.	(717) 783-7816
Retired and Senior Volunteer Program (RSVP)	Provides a variety of opportunities for people aged 55+ to volunteer in the management of trails, rivers, and open space. Grants can be used for staff	www.nationalservice.org/senior/index.html

Sponsoring Organization	Description / Restrictions	Contact
Plantings		
National 4-H Council	Grants are used to stimulate community tree planting and/or reforestation projects. Awarded to communities in support of on-going community planting/reforestation project or to stimulate new and creative youth-led projects. Organization must secure matching funds or in-kind contributions from other sources equal to the amount requested.	www.fourhcouncil.edu
National Gardening Association	One hundred grants to be awarded to start-up programs involving children, and 300 will be awarded to established programs. Covers tools, seeds, plant materials, products, and educational resources. Grant restricted to programs involving children. There is a \$10.00 administrative fee.	www.kidsgardening.com
Plant Material Centers	American Indian Liaison Resource Conservation and Community Assistance Division of USDA/NRCS. PMC select and grow plants that grow naturally and provide them to those people who wish to grow native plants.	(202) 720-8576

Remediation/Restoration

Abandoned Mine Land Reclamation Program - Office of Surface Mining	Applications accepted anytime. Provides for the restoration of eligible lands and waters that have been mined, abandoned, or left inadequately restored. Two different grants are available. Protects land and corrects environmental damage caused by coal mining.	www.osmre.gov
AMD Watershed Assessment - Bureau of Mining and Reclamation	Must be a municipality, municipal authority or incorporated non-profit. AMD projects only.	(717) 787-7007
American Canoe Association CFS Grants	For grassroots organizations to improve waterways. Cleanups, riparian corridor, and water quality monitoring projects. Very flexible as long as it is improving waterways and fish habitat. Can not be used to pay staff. However, it can be used to pay a contractor. Must use volunteer help.	www.acnet.org
PA DEP - BAMR Abandoned Mine Reclamation Grants	Funds must be used for project development, design, construction, and directly related expenses. Site chosen must be located in a watershed or area with an approved rehabilitation plan . No administrative cost. Must be a municipality, municipal authority, or incorporated 501(c)3.	(814) 472-1800
Bring Back the Natives - National Fish and Wildlife Foundation	Supports on-the-ground habitat restoration projects that benefit native aquatic species in their historic range.	www.nfwf.org

Sponsoring Organization	Description / Restrictions	Contact
Remediation/Restoration (continued)		
Community Foundation	Projects related to abandoned mine drainage remediation, alkaline discharges, streambank preservation, removal of spoil piles, and other issues related to water quality are of interest to the foundation's board of advisors.	(814) 669-4847
EPA - Nonpoint Source Implementation Grants	Funds are provided to the state to carry out non-point source projects and programs pursuant to Section 319 of the Clean Water Act as amended by the Water Quality Act of 1987. Grants are awarded to a single agency in each state, designated by the governor. 40 percent non-federally funded match required. Only one administered to each state.	www.cfd.gov/static/p66460.htm
NOAA Fish Habitat Restoration Program	Financial assistance for community-based habitat restoration projects, to	n/a
Office of Surface Mining Clean Stream Initiative	This grant is used to treat AMD. Design and administration is covered but the bulk of funding must go into construction. Must have funding partners. Applications available upon request. Review period takes 2.5-3 months, depending on eligibility. Must be a cooperative agreement.	(717) 782-2285
PA DEP -Stream Improvement Project Reimbursements	Provides assistance in an instance where a stream is posing a treat to structures, such as homes or businesses. Must pose threat to structure. Must be applied for by a conservation group or municipality.	(717) 783-7480
PA Fish and Boat Commission	Habitat improvement and technical assistance.	(814) 359-5158
Partnership with the U.S. Army Corps of Engineers	To foster cooperation on projects of mutual interest, such as fish and wildlife habitat restoration, non-structural flood control opportunities, wetland restoration, and endangered species protection.	www.nfwf.org
Pinellas County Environmental Foundation National Fish and Wildlife Foundation	A partnership between Pinellas County and the National Fish and Wildlife Foundation. These two groups share the common goals of actively pursuing the protection, restoration and enhancement of fish and wildlife habitat, and developing creative and sustainable solutions to natural resource issues.	www.nfwf.org

Sponsoring Organization	Description / Restrictions	Contact
Research		
Conservation & Research Foundation at Connecticut College	The conservation and enlightened use of the earth's resources to encourage research to deepen the understanding of the intricate relationship between people and the environment. Will support higher education, individuals, museums, non-profits, and research. Unsolicited proposals are not accepted; however, letters of inquiry including a budget may be sent.	n/a
USDA - Nutrient Science for Improved Watershed Management	Funds for integrated research in extension management of nutrients on a watershed level. Nutrients of interest are nitrogen and phosphorous. Please note that a research foundation maintained by a college or university is not eligible. These grants are for research.	http://www.reeusda.gov/1700/funding/ourfund.htm
Stormwater Management		
DEP Stormwater Management Program	Watershed planning for stormwater control and implementation of programs at local levels.	(717) 772-4048
Streambank Fencing		
Ducks Unlimited - PA Stewardship Program	Provides strong incentives to landowners to create wooded stream buffers, create wider than minimum buffers, and fence cattle out of the stream. Grant is available for fencing and tree planting.	(814) 386-3458
Fish America Foundation	Grants awarded for streambank stabilization materials, instream habitat improvements, contracted heavy equipment, and stream morphology work. Match not required, but is highly recommended.	www.asafishing.org
Partners for Fish and Wildlife Program	The Partners for Fish and Wildlife Program provides technical and financial assistance to private landowners for habitat restoration on their lands. A variety of habitats can be restored to benefit Federal trust species (for example, migratory birds and fish and threatened and endangered species.) Normally the cost share is 50 percent (the Service and the landowner each pay half of the project costs), but the percentage is flexible. Services or labor can qualify for cost-sharing.	(724) 938-4215
US Fish and Wildlife Service	Assists landowners in installation of high-tensile electric fence to exclude livestock from streams and wetlands. No buffer requirements.	www.fws.gov

Sinnemahoning Creek Watershed Conservation Plan

Sponsoring Organization	Description / Restrictions	Contact
Streambank Fencing		
USDA Conservation Reserve Program	Statewide costshare program for creating stream buffers. A 40 percent practice incentive as well as a \$10/acre incentive. Buffers of 35-180 feet per side of the stream. Land must have been pasture.	Regional USDA office
USDA - Environmental Quality Incentives Program	A statewide program based on environmental problems. It addresses all environmental problems on a farm. They fund BMPs.	Regional USDA office
USDA Project Grass	A co-operative effort of local farmers, conservation districts, with assistance from USDA, to improve agriculture productivity in southwestern Pennsylvania. For local contacts see information brochure on file. Contact: james.harrold@pasomerset.fsc.usda.gov	Regional USDA office
Technical Assistance		
Watershed Assistance Grants	Funding supports organizational development and capacity building for watershed partnerships with diverse membership. Match requested but not required. Non-profits, tribes, and local government only.	www.rivernetnetwork.org
Volunteers		
3M Foundation	3M sponsors a volunteer program called Community Action Retired Employee Service (CARES). Company favors projects that impact 3M communities. Alternate Phone: 612-737-3061	www.mmm.com
Wetlands		
U.S. Fish and Wildlife Service	For wetland Conservation projects. Must have 50 percent non-federal match in small-grant program with North American Wetlands Conservation Council.	www.fws.gov
Wetlands Reserve Program USDA Natural Resources Conservation Service	Restore and protect wetlands on private property; provide landowners with financial incentives to enhance wetlands in exchange for retiring marginal agricultural land.	Regional USDA office

APPENDIX P. USEFUL WEBSITES

Source	Data	Website
Project Area Characteristics		
Bureau of Labor Statistics	Unemployment Rate	http://www.bls.gov/home.htm
Free Demographics	Population and Economic Data	http://www.freedemographics.com
Green Media Toolshed	Pollution in Your Community	http://www.scorecards.com
Natural Lands Trust	Conservation by Design	http://www.natlands.org
Pa. Department of Community and Economic Development	Zoning and Comprehensive Planning	http://www.elibrary.state.pa.us
Pa. Department of Education	School Report Cards	http://www.paprofiles.org
Smart Growth Partnership	Smart Growth	http://www.smartgrowth.org
United States Census Bureau	Population and Economic Data	http://www.census.gov

Land Resources

Conservation Reserve Enhancement Program	Conservation Practices	http://www.creppa.org
Natural Resources Conservation Service	Soil Characteristics	http://www.nrcs.usda.gov/technical/efotg
Pa. Department of Environmental Protection	Permits, Violations	http://www.dep.state.pa.us/efacts/default.asp
Pa. Geological Survey	Environmental Geology	http://www.dcnr.state.pa.us/topogeo/pub/environmental.aspx
Pa. Geological Survey	Geological Characteristics	http://www.dcnr.state.pa.us/topogeo/index.aspx
Pa. Geological Survey	Mineral Resources	http://www.dcnr.state.pa.us/topogeo/pub/mineral.aspx
Pa. Geological Survey	Environmental Geology for Land Use Planning	http://www.dcnr.state.pa.us/topogeo/education/landuse/landuseplan.aspx
Pa. Spatial Data Access (PASDA)	Geographic Information System Data	http://www.pasda.psu.edu/
United States Environmental Protection Agency	Brownfields	http://www.epa.gov/brownfields
United States Environmental Protection Agency	Superfund	http://www.epa.gov/superfund
United States Environmental Protection Agency - ECHO	Enforcement and Compliance History	http://www.epa-echo.gov/echo/
United States Environmental Protection Agency - Envirofacts	Federal Permits, Violations, Wastesites	http://www.epa.gov/enviro/

Water Resources

Center for Dirt & Gravel Road Studies		http://www.mri.psu.edu/centers/cdgrs/Index.html
Coldwater Heritage Partnership		http://www.coldwaterheritage.org/
Environmental Protection Agency	Surf Your Watershed	http://cfpub.epa.gov/surf/huc.cfm?huc_code=05030105
Federal Emergency Management Agency	National Flood Insurance Program	http://www.fema.gov/business/nfip/
Keystone Chapter Soil and Water Conservation Society		http://www.keystoneswcs.com/index.html

Sinnemahoning Creek Watershed Conservation Plan

Source	Data	Website
Water Resources (continued)		
League of Women Voters	Groundwater Primer for Pa.ns	http://pa.lwv.org/wren/pubs/primer.html
Pa. American Water		http://www.amwater.com/awpr1/paaw/default.html
Pa. Department of Environmental Protection	Stormwater Management Program	http://www.depweb.state.pa.us/watershedmgmt/cwp/view.asp?a=1437&Q=518682&PM=1
Pa. Department of Environmental Protection	Water Resources Plan	http://www.dep.state.pa.us/dep/deputate/watermgmt/wc/subjects/WaterResources/docs/WaterResourcesExecutiveSummary.htm
Pa. Department of Environmental Protection	Watershed Management	http://www.depweb.state.pa.us/watershedmgmt/site/default.asp
Pa. Department of Environmental Protection	State Water Planning Resource Center	http://www.dep.state.pa.us/dep/deputate/watermgmt/wc/act220/default.htm
Pa. Fish and Boat Commission	Wild Trout Waters	http://www.fish.state.pa.us/classa98.htm
Pa. Geological Survey:	Water Resources Reports	http://www.dcnr.state.pa.us/topogeo/groundwater/gwlist.aspx
Pa. Geological Survey:	Geology of Groundwater in Pa.	http://www.dcnr.state.pa.us/topoeo/education/es3.pdf
Pa. Geological Survey:	Hydrogeologic and well-construction characteristics of the rocks of Pa.	http://www.dcnr.state.pa.us/topogeo/pub/w69recent.aspx
Pa. Geological Survey:	Pa. Groundwater Information System	http://www.dcnr.state.pa.us/topogeo/groundwater/PaGWIS/PaGWISMenu.asp?c=t
Pa. Trout	Wilderness Trout Streams	http://www.patroul.org/wildernesstroutstreams.htm
Stroud Water Research Center		http://www.stroudcenter.org/
U.S. Geological Survey	Water Resources Links	http://water.usgs.gov/lookup/getwatershed?05030105
United States Environmental Protection Agency	Water Quality Trading	http://www.epa.gov/owow/watershed/trading.htm
University of Pittsburgh	Regional Water Management Task Force	http://www.iop.pitt.edu/water/index.htm

Biological Resources

Biodiversity

Ecological Society of America	Biodiversity	http://www.esa.org/
NatureServe	Biodiversity	http://www.natureserve.org/
Pa. Biodiversity Partnership	Biodiversity	http://www.pabiodiversity.org/index.html
Pa. Biological Survey (PABS)	Biodiversity	http://alpha.dickinson.edu/prorg/pabs/index.htm
Pa. GAP Analysis Project	Biodiversity	http://www.orser.psu.edu/PAGAP/gappage.htm

Invasive Species

Aquatic Invasive Species of Pa.	Invasive Species	http://www.pserie.psu.edu/seagrant/ais/
Common Invasive Plant in Riparian Areas	Invasive Species	http://www.dep.state.pa.us/dep/deputate/watermgmt/wc/subjects/streamreleaf/Docs/Invasive%20Plants.pdf

Sinnemahoning Creek Watershed Conservation Plan

Source	Data	Website
Biological Resources (continued)		
<i>Invasive Species</i>		
Invasive Plants of Pa.	Invasive Species	http://www.dcnr.state.pa.us/forestry/wildplant/invasive.aspx
Invasive Plants of the Eastern United States	Plant Invaders of Mid-Atlantic Natural Areas	http://www.invasive.org/eastern/midatlantic/intro.html
Invasive Species	Invasive Species	www.invasive.org
Invasive Species in Pa.	Invasive Species	http://www.biodiversitypartners.org/invasive/factsheets/PA.pdf
Mid-Atlantic Exotic Pest Plant Council		http://www.ma-eppc.org/
U.S. Department of Agriculture:	National Agricultural Library – Pa. Invasive Species Resources	http://www.invasivespeciesinfo.gov/unitedstates/pa.shtml

Native Plants and Landscaping

American Chestnut Foundation	Pa. Chapter	www.patacf.org
Arbor Day Foundation	Backyard Woods	http://www.arborday.org/backyardwoods/guide.cfm
Arbor Day Foundation	Tree City U.S.A.	http://www.arborday.org/programs/treeCityUSA.cfm
Carnegie Library of Pittsburgh	Books on Native Plants	http://www.carnegielibrary.org/subject/gardening/nativeplants.html
Ernst Conservation Seeds	Native Plant Sales and Landscaping Information	www.ernstseed.com
Pa. Department of Conservation and Natural Resources	Pa. Community Forests	http://www.dcnr.state.pa.us/forestry/pucfc/
Pa. Flora Database		http://www.paflora.org/Web3/Speciesbywatershed_search_form.asp
Pa. Native Plant Society	Useful Links and Information Regarding Native Plants	http://www.pawildflower.org/04_links/links.htm
Sylvania Natives	Native Plant Sales	www.sylvanianatives.com
U.S. Department of Energy	Energy Efficient Landscaping	http://www.eere.energy.gov/consumer/your_home/landscaping/index.cfm/mytopic=11910
Western Pa. Audubon Society	List of plants native to Allegheny County and surrounding region	http://www.aswp.org/files/allegheny_county_Pa._native_plants_aswp.pdf
Pa. Invertebrate Biodiversity Project		http://www.ento.psu.edu/home/frost/pinbiop/about.html
Pa. Natural Heritage Program		http://www.naturalheritage.state.pa.us/
U.S. Environmental Protection Agency	Ecoregions	http://www.epa.gov/wed/pages/ecoregions/reg3_eco.htm

Sinnemahoning Creek Watershed Conservation Plan

Source	Data	Website
Biological Resources (continued)		
<i>Wildlife</i>		
Animal Rescue League of Western Pa.	Wildlife Rehabilitation	http://www.pawildlifecenter.org/about-pwc.htm
Audubon Society	Important Bird Areas	http://pa.audubon.org/iba/maps.html
Carnegie Museum of Natural History	2nd Pa. Breeding Bird Atlas	http://www.carnegiemnh.org/atlas/about_book.htm
Carnegie Museum of Natural History	Pa. Mammals	http://www.carnegiemnh.org/mammals/index.html
Field Guides		http://www.enature.com/fieldguides/index.asp
National Biological Information Infrastructure		http://www.nbio.gov/portal/server.pt
National Wildlife Federation		http://www.nwf.org/nationalwildlife/article.cfm?articleid=292&issueid=31
North American Pollinator Protection Campaign		http://www.nappc.org/
Pa. Audubon		http://pa.audubon.org/
Pa. Biological Survey	Important Mammal Areas	http://www.pawildlife.org/imap.htm
Pa. Department of Conservation and Natural Resources	Endangered and Threatened Species of Pa.	http://www.dcnr.state.pa.us/wrcf/contents.aspx
Pa. Fish and Boat Commission	Pa. Fishes	http://www.fish.state.pa.us/pafish/fishhtms/chapindx.htm
Pa. Wildlife Federation		http://www.pawildlife.org/
Species Profiles		http://www.fcps.edu/StratfordLandingES/Ecology/mpages/organism_menu.htm
The Wildlife Society		http://joomla.wildlife.org/?CFID=13824013&CFTOKEN=85052420
Wildbird Recovery	Songbird Rehabilitation Center	http://www.stormpages.com/wildbird/index.html

Cultural Resources

National Parks Service	National Register of Historic Places	http://www.nps.gov/history/nr/research/nris.htm
PA Roots	Historical Information	http://www.pa-roots.com/
Pa. Department of Education	Environment and Ecology Standards	http://www.pde.state.pa.us/k12/lib/k12/envec.pdf
Pa. Fish and Boat Commission	Fishing Regulations	http://www.fish.state.pa.us/regs_fish.htm

APPENDIX Q. RESOURCE GUIDE

Conservation Groups

Allegheny Chapter of Trout Unlimited

P.O. Box 541
DuBois, PA 15801

Alliance for the Chesapeake Bay

3310 Market Street
Camp Hill, PA 17011
Phone: 717-737-8622
Website: www.acb-online.org

Bennett Branch Watershed Association

P.O. Box 99
Benezette, PA 15821
Phone: 814-787-8787

Black Forest Conservation Association

Back Road
Coudersport, PA 16915
Phone: 814-274-0424
Website: www.pottercountybfca.com

Bucktail Watershed Association

3072 Rich Valley
Emporium, PA 15834
Phone: 814-486-1161

Cameron County Conservation District

20 East Fifth Street
Room 105
Emporium, PA 15834
Phone: 814-486-9354

Chesapeake Bay Program

410 Severn Avenue, Suite 109
Annapolis, MD 21403
Phone: 800-968-7229
Fax: 410-267-5777
Website: www.chesapeakebay.net

Clearfield County Conservation District

650 Leonard Street
Clearfield, PA 16830
Phone: 814-765-2629
Website: www.clfdccd.com

Clearfield - Jefferson Counties Forest Stewardship Committee

c/o Gary Gilmore
1514 Route 28
Brookville, PA 15825

Clinton County Conservation District

45 Cooperation Lane
Mill Hall, PA 17751
Phone: 570-726-3798

Elk County Conservation District

300 Center Street
P.O. Box 448
Ridgway, PA 15853
Website: www.co.elk.pa.us
Phone: 814-776-5373

Elk County Fishermen

HCR 1, Box 199A
Ridgway, PA 15853
Phone: 814-776-6831

First Fork Watershed Association

850 East Fork Road
Austin, PA 16720
Phone: 814-647-8338

Kettle Creek Watershed Association

P.O. Box 317
Cross Fork, PA 17729

Keystone Trails Association

107 North Front Street
Suite 112
Sunbury, PA 17101

Lycoming Audubon Society

P.O. Box 4053
Williamsport, PA 17701

McKean County Conservation District

17137 Route 6
Smethport, PA 16749
Phone: 814-887-4001

Conservation Groups (continued)

National Wild Turkey Federation Northwestern PA Region

133 Timberline Road
Saint Marys, PA 15857
Phone: 814-834-6492
Website: www.panwtf.org

Northcentral PA Conservancy

330 Government Place
P.O. Box 2083
Williamsport, PA 17701
Phone: 570-323-6222
Website: www.npcweb.org

PA CleanWays of Elk County

Courthouse Annex
300 Center Street
P.O. Box 448
Ridgway, PA 15853
Phone: 814-776-5373

Potter County Conservation District

107 Market Street
Coudersport, PA 16915
Phone: 814-274-8411
Website: www.pottercd.com

Quehanna Area Trails Club

882 Rolling Stone Road
Morrisdale, PA 16858
Phone: 814-345-5949

Saint Marys Sportsmen's Club

1339 Glen Hazel Road
P.O. Box 958
Saint Marys, PA 15857
Phone: 814-834-4375
Website: www.stmaryssportsmen.org

Sinnemahoning Sportsmen's Association, Inc.

15 Club Road
P.O. Box 102
Sinnemahoning, PA 15861
Phone: 814-546-2835
Website: www.sinnsports.com

The Susquehanna Greenway Partnership

201 Furnace Road
Lewisburg, PA 17837
Phone: 570-522-7211
Website: www.susquehannagreenway.org

Susquehannock Trail Club

5003 US 6 West
Ulysses, PA 16948

Tiadaghton Audubon Society

P.O. Box 605
Wellsboro, PA 16901

Trout Unlimited - God's Country

820 Route 49
Coudersport, PA 16915
Phone: 814-274-8718

Trout Unlimited Northwest Region Elk County #427

1339 Glenhazel Road
Saint Marys, PA 15857

Upper Alleghany Watershed Association

PO Box 146
Coudersport, PA 16915
Phone: 814-544-7365

Western Pennsylvania Conservancy Watershed Conservation Program

246 South Walnut Street
Blairsville, PA 15717
Phone: 724-459-0953
Fax: 724-459-4721
Website: www.waterlandlife.org

Historical Societies

Austin Dam Memorial Association

State Route 872 North
P.O. Box 136
Austin, PA 16720
Phone: 814-647-3318
Website: sunnyhill.biz/austindamindex.html

Cameron County Genealogy Club

West Greenwood Street
Emporium, PA 15834
Website: www.cameroncountygenealogy.org

Cameron County Historical Society

Cameron County Courthouse
20 East Fifth Street
Emporium, PA 15834
Website: www.thelittlemuseum.org

Historical Societies (continued)

Clearfield County Historical Society

104 East Pine Street
Clearfield, PA 16830
Website: www.clfdhistory.org

Clinton County Historical Society

362 East Water Street
Lock Haven, PA 17745
Phone: 570-748-7254
Website: www.clintoncountyhistory.com

Elk County Historical Society

109 Center Street
P.O. Box 361
Ridgway, PA 15853
Phone: 814-776-1032
Website: www.elkcountyhistoricalsociety.org

E.O. Austin Home & Historical Society

One Town Square
P.O. Box 412
Austin, PA 16720
Phone: 814-647-8358
Website: www.austinhistoricalsociety.com

**McKean County Historical Society and
Old Jail Museum**

502 West King Street
Smethport, PA 16749
Phone: 814-887-5142

PA Lumber Heritage Region

20 East Fifth Street
Emporium, PA 15834
Phone: 814-486-0213
Website: www.lumberheritage.org

Potter County Historical Society

P.O. Box 605
308 North Main Street
Coudersport, PA 16915
Phone: 814-274-4410
Website: www.history.pottercountypa.net

State Agencies

**Department of Conservation and Natural
Resources (DCNR) Executive Office**

Rachel Carson State Office Building, 7th Floor
400 Market Street, P.O. Box 8767
Harrisburg, PA 17105
Phone: 717-787-2869
Fax: 717-772-9106
Website: www.dcnr.state.pa.us

**DCNR Northcentral Region
(Cameron, Clinton and Potter Counties)**

208 West Third Street, Suite 101
Williamsport, PA 17701

**DCNR Northwest Region
(Clearfield, Elk and McKean Counties)**

230 Chestnut Street
Meadville, PA 16335

Elk State Forest

258 Sizerville Road
Emporium, PA 15834
Phone: 814-486-3353

Moshannon State Forest

3372 State Park Road
Penfield, PA 15849
Phone: 814-765-0821

Sproul State Forest

15187 Renovo Road
Renovo, PA 17764
Phone: 570-923-6011

Susquehannock State Forest

P.O. Box 673
Coudersport, PA 16915
Phone: 814-274-3600

Cherry Springs State Park

c/o Lyman Run
454 Lyman Run Road
Galeton, PA 16922
Phone: 814-435-5010

Parker Dam State Park

28 Fairview Road
Penfield, PA 15849
Phone: 814-765-0630

State Agencies (continued)

Patterson State Park

c/o Lyman Run
454 Lyman Run Road
Galeton, PA 16922
Phone: 814-435-5010

Prouty Place State Park

c/o Lyman Run
454 Lyman Run Road
Galeton, PA 16922
Phone: 814-435-5010

Sinnemahoning State Park

8288 First Fork Road
Austin, PA 16720
Phone: 814-647-8401

Sizerville State Park

199 East Cowley Run Road
Emporium, PA 15834
Phone: 814-486-5605

**Department of Environmental Protection (DEP)
Headquarters**

Rachel Carson State Office Building
400 Market Street
Harrisburg, PA 17101
Phone: 717-783-2300
Website: www.dep.state.pa.us

**DEP Northcentral Regional Office
(Cameron, Clinton and Potter Counties)**

208 West Third Street, Suite 101
Williamsport, PA 17701
Phone: 570-327-3636

**DEP Northwest Regional Office
(Clearfield, Elk and McKean Counties)**

230 Chestnut Street
Meadville, PA 16335
Phone: 814-332-6945
Fax: 814-332-6125

**PA Fish and Boat Commission
Northcentral Region
(Serves all counties in region)**

P.O. Box 5306
Pleasant Gap, PA 16823
Phone: 814-359-5193
Website: www.fish.state.pa.us

**PA Game Commission
Northcentral Region
(Serves all counties in region)**

P.O. Box 5038
Jersey Shore, PA 17740
Phone: 570-398-4744
Website: www.pgc.state.pa.us

**PA Department of Agriculture
Region 1 Office
(Elk and McKean County)**

13410 Dunham Road
Meadville, PA 16335
Phone: (814) 332-6890
Website: www.agriculture.state.pa.us

**PA Department of Agriculture
Region 2 Office
(Cameron, Clinton and Potter County)**

542 County Farm Road, Suite #102
Montoursville, PA 17754
Phone: 570-433-2640
Website: www.agriculture.state.pa.us

**PA Department of Agriculture
Region 5 Office
(Clearfield County)**

1307 Seventh Street
Cricketfield Plaza
Altoona, PA 16601
Phone: 814-946-7315
Website: www.agriculture.state.pa.us

**PA Department of Transportation
Penn DOT Central Office**

Keystone Building
400 North Street
Harrisburg, PA 17120
Phone: 717-787-2838
Website: www.dot.state.pa.us

**PA Department of Transportation
Region 2 Office**

1924 Daisy Street
P.O. Box 342
Clearfield, PA 16830
Phone: (814) 765-0400

**PA Governor Edward G. Rendell
Northwest Office**

100 State Street, Suite 202
Erie, PA 16507
Phone: 814-878-5719
Website: www.governor.state.pa.us

State Agencies (continued)

PA State Conservation Commission

2301 North Cameron Street
Harrisburg, PA 17110
Phone: 717-787-8821
Fax: 717-705-3778
Website: www.pascc.state.pa.us

Federal Agencies

Environmental Protection Agency (EPA)

EPA Region 3 Regional Office

1650 Arch Street
Philadelphia, PA 19103
Phone: 1-800-438-2474
Website: www.epa.gov

Headwaters RC&D

478 Jeffers Street
Bldg 3, Suite D
DuBois, PA 15801
Phone: 814-375-1372 x.4
Fax: 814-375-2453
Website: www.headwaterspa.org

**United States Army Corps of Engineers
Baltimore District**

P.O. Box 1715
Baltimore, MD 21203-1715
Phone: 410-962-7608
Website <http://www.nab.usace.army.mil/>

**U.S. Department of Agriculture (USDA) Animal
and Plant Health Inspection Service (APHIS) –
Pennsylvania Wildlife Services**

P.O. Box 60827
Harrisburg, PA 17106
Phone: 717-236-9451
Fax: 717-236-9454
Website: www.aphis.usda.gov/wildlife_damage

**USDA Farm Service Agency
Pennsylvania State Farm Service Agency**

1 Credit Union Place
Harrisburg, PA 17110
Phone: 717-237-2117
Website: www.fsa.usda.gov

**USDA Farm Service Agency
Clearfield County Farm Service Agency**

478 Jeffers Street
Dubois, PA 15801
Phone: 814-375-1297
Website: www.fsa.usda.gov

**USDA Farm Service Agency
Potter County Farm Service Agency**

105 Market Street
Coudersport, PA 16915
Phone: 814-274-8522
Website: www.fsa.usda.gov

**USDA Farm Service Agency
Clinton-Centre County Farm Service Agency**

216 Spring Run Road
Mill Hall, PA 17751
Phone: 814-355-2447
Website: www.fsa.usda.gov

**USDA Natural Resources Conservation Service
(NRCS) Pennsylvania State Office**

One Credit Union Place, Suite 340
Harrisburg, PA 17110
Phone: 717-237-2100
Fax: 717-237-2238
Website: www.pa.nrcs.usda.gov

**USDA-NRCS Coudersport Field Office
(Potter and McKean County)**

105 Market Street
Coudersport, PA 16915
Phone: 814-274-8166

**USDA-NRCS Dubois Field Office
(Cameron, Clearfield and Elk County)**

478 Jeffers Street
Dubois, PA 15801
Phone: 814-375-2125

**USDA-NRCS Mill Hall Field Office
(Clinton County)**

216 Spring Run Road
Mill Hall, PA 17751
Phone: 570-726-3196 ext. 4

USDA-NRCS RC&D Office

478 Jeffers Street
Dubois, PA 15801
Phone: 814-375-2125

Federal Agencies (continued)

USDA-NRCS Soil Survey Office
216 Spring Run Road
Mill Hall, PA 17751
Phone: 570-726-3196 ext. 122

**USDA Rural Development
Clinton Area Office**
216 Spring Run Road
Mill Hall, PA 17751
Phone: 570-726-3196 ext. 4
Website: www.rurdev.usda.gov/pa

**United States Department of Energy
Pennsylvania Public Utility Commission**
Commonwealth Keystone Building
400 North Street
PO Box 3265
Harrisburg, PA 17105
Website: www.puc.state.pa.us

**United States Department of Energy
National Energy Technology Laboratory**
Pittsburgh Research Center
626 Cochrans Mill Road, P.O. Box 10940
Pittsburgh, PA 15236
Phone: 412-386-6569
Fax: 412-386-5917
Website: www.netl.doe.gov

**United States Fish and Wildlife Service
Pennsylvania Field Office**
315 South Allen Street, Suite 322
State College, PA 16801
Phone: 814-234-4090
Fax: 814-234-0748
Website: www.fws.gov

Cameron County

Cameron County Commissioners
20 East Fifth Street
Emporium, PA 15834
Phone: 814-486-2315
Fax: 814-486-3176
Website: www.cameroncountypa.com/Cameron_County_Commissioners.htm

Cameron County Conservation District
20 East Fifth Street
Room 105
Emporium, PA 15834
Phone: 814-486-9353
Fax: 814-486-9392

Cameron County Planning

20 East Fifth Street
Emporium, PA 15834
Phone: 814-486-2315
Fax: 814-486-3176

Cameron County Cooperative Extension

20 East Fifth Street
Emporium, PA 15834
Phone: 814-486-3350
Fax: 814-486-9391
Website: www.cameron.extension.psu.edu

Driftwood Borough

7129 Third Street
P.O. Box 235
Driftwood, PA 15832
Phone: 814-546-2426
Fax: 814-546-2331

Emporium Borough

421 North Broad Street
Emporium, PA 15834
Phone: 814-486-0768, ext 22
Fax: 814-486-1849
Website: <http://emporium.boroughs.org/>

Gibson Township

P.O. Box 12
Sinnemahoning, PA 15861
Phone: 814-546-2065

Grove Township

P.O. Box 43
Sinnemahoning, PA 15861
Phone: 814-546-2408
Fax: 814-486-1617
Website: <http://richland.pa.us>

Lumber Township

213 Rocky Road
Emporium, PA 15834
Phone: 814-486-1788

Portage Township

P.O. Box 96
Emporium, PA 15834
Phone: 814-486-1166

Shippen Township

P.O. Box 349
Emporium, PA 15834
Phone: 814-486-0727
Fax: 814-486-3583

Clearfield County

Clearfield County Commissioners

230 East Market Street
Clearfield, PA 16830
Phone: 814-765-2629
Fax: 814-765-1336
Website: www.clearfieldco.org

Clearfield County Planning Commission

650 Leonard Street
Clearfield, PA 16830
Phone: 814-765-6056
Website: www.planning.clearfieldco.org

Clearfield County Conservation District

650 Leonard Street
Clearfield, PA 16830
Phone: 814-765-2629
Fax: 814-765-1336
Website: www.cfldccd.com

Clearfield County Cooperative Extension

650 Leonard Street
Suite 210
Clearfield, PA 16830
Phone: 814-765-7878
Fax: 814-765-3236
Website: clearfield.extension.psu.edu/

Clearfield County Tourism

12 North Front Street
Clearfield, PA 16830
Phone: 814-765-5734
Fax: 814-765-4130
Website: www.visitclearfieldcounty.org

Goshen Township

P.O. Box 143
Shawville, PA 16873
Phone: 814-765-4800
Fax: 814-765-0146

Huston Township

P.O. Box 38
Penfield, PA 15849
Phone: 814-637-5771
Fax: 814-637-5773

Lawrence Township

P.O. Box 508
Clearfield, PA 16830
Phone: 814-765-4551
Fax: 814-765-5258

Clinton County

Clinton County Commissioners

232 East Main Street
Garden Building, 3rd Floor
Lock Haven, PA 17745
Phone: 570-893-4043
Fax: 570-893-4354
Website: www.clintoncountypa.com

Clinton County Planning Commission

232 East Main Street
Lock Haven, PA 17745
Phone: 570-893-4082
Fax: 570-893-4122
Website: www.clintoncountypa.com

Clinton County Conservation District

45 Cooperation Lane
Mill Hall, PA 17751
Phone: 570-726-3798
Fax: 570-726-7977
Website: www.clintoncountypa.com

Clinton County Cooperative Extension

Clinton County Resource & Education Center
47 Cooperation Lane
Mill Hall, PA 17751
Phone: 570-726-0022
Fax: 570-726-2237
Website: www.clinton.extension.psu.edu

Clinton County Economic Partnership

212 North Jay Street
Lock Haven, PA 17745
Phone: 570-748-5782
Fax: 570-893-0433
Website: www.clintoncountyinfo.com

East Keating Township

3 Miller Lane
Westport, PA 17778
Phone: 570-923-2591
Fax: 570-923-2037

West Keating Township

P.O. Box 21
Pottersdale, PA 16871
Phone: 814-263-7225
Fax: 814-263-7225

Elk County

Elk County Commissioners

Elk County Courthouse Annex
300 Center Street
P.O. Box 448
Ridgway, PA 15853
Phone: 814-776-1161
Fax: 814-776-5379
Website: www.co.elk.pa.us

Elk County Planning Department

Elk County Courthouse Annex
300 Center Street
P.O. Box 448
Ridgway, PA 15853
Phone: 814-776-5335
Fax: 814-776-5379
Website: www.co.elk.pa.us

Elk County Conservation District

Elk County Courthouse Annex
300 Center Street
P.O. Box 448
Ridgway, PA 15853
Phone: 814-776-5373
Fax: 814-776-5379
Website: www.co.elk.pa.us

Elk County Cooperative Extension

Courthouse Basement
240 Main Street
Ridgway, PA 15853
Phone: 814-776-5331
Fax: 814-776-5332
Website: www.elk.extension.psu.edu

Benezette Township

P.O. Box 10
Benezette, PA 15821
Phone: 814-787-8811
Fax: 814-787-4393

Fox Township

116 Irishtown Road
Kersey, PA 15846
Phone: 814-885-8450
Fax: 814-885-6158
Website: www.foxtownship.com

Jay Township

81 East Teaberry Street
P.O. Box 216
Weedville, PA 15868
Phone: 814-787-4646
Fax: 814-787-4646

Jones Township

320 Faries Street
P.O. Box 25
Wilcox, PA 15870
Phone: 814-929-5417
Website: www.jonestownship.com

Saint Marys Township

11 Lafayette Street
Saint Marys, PA 15857
Phone: 814-781-1718
Fax: 814-834-1304

McKean County

McKean County Commissioners

500 West Main Street
Smethport, PA 16749
Phone: 814-887-3202
Fax: 814-887-2242
Website: www.mckeancountypa.org

McKean County Planning Department

17137 Route 6
Smethport, PA 16749
Phone: 814-887-2754
Fax: 814-887-3234
Website: www.mckeancountypa.org

McKean County Conservation District

17137 Route 6
Smethport, PA 16749
Phone: 814-887-4001
Website: www.mckeancountypa.org

McKean County Cooperative Extension

P.O. Box 1504
17129 Route 6
Smethport, PA 16749
Phone: 814-887-5613
Fax: 814-887-5645
Website: www.mckean.extension.psu.edu

McKean County (continued)

Norwich Township

3853 West Valley Road
Smethport, PA 16749
Phone: 814-887-2732
Fax: 814-887-2732

Potter County

Potter County Commissioners

Gunzburger Building
One North Main Street
Coudersport, PA 16915
Phone: 814-274-8290
Fax: 814-274-8284
Website: www.pottercountypa.net

Potter County Planning Department

24 Buffalo Street
Coudersport, PA 16915
Phone: 814-274-8254
Fax: 814-274-8307
Website: www.pottercountypa.net

Potter County Conservation District

107 Market Street
Coudersport, PA 16915
Phone: 814-274-8411 ext. 4
Fax: 814-274-0396
Website: www.pottercountypa.net

Potter County Cooperative Extension

24 Maple View Lane
Coudersport, PA 16915
Phone: 814-274-8540
Fax: 814-274-7891
Website: www.potter.extension.psu.edu

Potter County Tourism

118 North Main Street
P.O. Box 245
Coudersport, PA 16915
Phone: 814-274-3365
Fax: 814-274-4334
Website: www.pottercountypa.org

Austin Borough

81 Scoville Street
P.O. Box 297
Austin, PA 16720
Phone: 814-647-8613
Fax: 814-647-8975
Website: www.simplesite.com/Austin-Borough

East Fork Township

Rural Route #1 Box 229
Austin, PA 16720
Phone: 814-647-8834
Website:

Eulalia Township

1160 East Second Street
Coudersport, PA 16915
Phone: 814-274-8102
Fax: 814-274-7127

Homer Township

348 Southwoods Road
Coudersport, PA 16915
Phone: 814-274-7624
Fax: 814-274-7127

Keating Township

P.O. Box 385
Austin, PA 16720
Phone: 814-642-2291

Portage Township

61 Slate Street
P.O. Box 392
Austin, PA 16720
Phone: 814-647-5359
Fax: 814-647-8358

Summit Township

1073 Cherry Springs Road
Coudersport, PA 16915
Phone: 814-274-9087

Sylvania Township

P.O. Box 66
Austin, PA 16720
Phone: 814-647-5540

West Branch Township

533 Germania Road
Galeton, PA 16922
Phone: 814-435-7898
Fax: 814-435-7889

Wharton Township

3262 Wharton Road
Austin, PA 16720
Phone: 814-647-5553
Fax: 814-647-5500

Tourism Promotion Agencies

Benezette Hotel

95 Winslow Hill Road
Benezette, PA 15821
Phone: 814-787-4240
Website: www.benezettehotel.com

The Center for Rural Pennsylvania

625 Forster Street
Harrisburg, PA 17120
Phone: 717-787-95553
Fax: 717-772-3587
Website: www.ruralpa.org

Clearfield County Tourism

12 North Front Street
Clearfield, PA 16830
Phone: 814-765-5734
Fax: 814-765-4130
Website: www.visitclearfieldcounty.org

Clinton County Economic Partnership

212 North Jay Street
Lock Haven, PA 17745
Phone: 570-748-5782
Fax: 570-893-0433
Website: www.clintoncountyinfo.com

Elk Country Hideaway

State Highway 555
Benezette, PA 15821
Phone: 724-388-1007
Website: www.elkcountryparty.com

Mid State Trail Association of Pa

Phone: 570 655-4979
Website: www.hike-mst.org

**North Central Pennsylvania Regional Planning
and Development Commission**

651 Montmorenci Road
Ridgway, PA 15853
Phone: 814-773-3162
Website: web2.ncentral.com/ncentral/index.html

Northern Tier Cultural Alliance

One Washington Street, Suite A
Towanda, PA 18848
Phone: 570-265-7455
Fax: 570-265-4558
Website: www.ntculturalalliance.org

Northwestern Pennsylvania Great Outdoors

Visitors Bureau

175 Main Street
Brookville, PA 15825
Phone: 800-348-9393
Phone: 814-849-5197
Fax: 814-849-1969
Website: www.visitpago.com

Pa Wilds Resource Center

P.O. Box 285
Sugar Grove, PA 16350
Phone: 814-757-9190
Website: www.pawildsresources.org

Pennsylvania Wildlife Habitat Unlimited

P.O. Box 851
DuBois PA 15801
Phone: 814-371-1327
Website: www.pwhu.org

God's Country Visitors Association

118 North Main Street
P.O. Box 245
Coudersport, PA 16915
Phone: 814-274-3365
Fax: 814-274-4334
Website: www.pottercountypa.org

Saint Marys Area Chamber of Commerce

53 South Saint Marys Street
Saint Marys, PA 15857
Phone: 814-781-3804
Fax: 814-781-7302
Website: www.stmaryschamber.org