

Susquehanna River Conservation Plan

EXECUTIVE SUMMARY

SEPTEMBER 1998

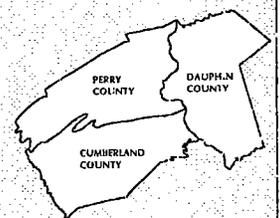


Prepared for

Dauphin County Board of Commissioners;
Dauphin County Planning Commission; and the
Susquehanna River Corridor's Existing and Future
Residents and Visitors

Prepared By

Tri-County Regional Planning Commission
staff in coordination with area residents,
municipal officials and special interest groups



EXECUTIVE SUMMARY

The Tri-County Regional Planning Commission and the Dauphin County Board of Commissioners have placed special priority on the upper reaches of the Susquehanna River in Dauphin County. The Susquehanna River Conservation Plan has been developed as an effort to promote and direct activities which will enhance, protect and conserve the designated project corridor. The target area of this project focuses on Upper Paxton, Halifax and Reed Townships as well as Millersburg and Halifax Boroughs. The initial step was to delineate a river corridor and develop a focus group or stakeholders in the project area. The corridor (see Map 1) was developed by observing all of the regions most positive environmentally significant features; they include: hydric soils, wetlands, floodplains, woodlands, agriculturally preserved properties, parks, state game lands, and severe soils for home site and on-lot disposal systems. Two public workshops were held to generate project support and establish issues concerning river conservation. Project information such as the corridor's natural features, land use, zoning, environmental constraints, and development trends was gathered and analyzed.

The affected municipalities were contacted by mail survey and telephone to respond to several important questions. This information was utilized in the issues and concerns section (Section 3) of the plan. This section brought out the most important issues and concerns of the local citizens, planning boards and interest groups. The projects began to take shape through personal interviews and site visits. The types of projects developed all revolved around river conservation, recreation development and promotion, and river corridor protection, enhancement and promotion. The projects are listed in Section 3: Issues and Concerns subsection Project Development. At a public workshop, all projects were prioritized according to the level of importance of the issue it addresses. The top issues are as follows:

- Regional, Intermunicipal and Local Planning Objectives
- River Conservation Education and Promotion
- Loss of Natural Riparian Buffers
- Regional Recreation & Park Development
- Erosion and Stormwater Runoff
- Water Quality

The River Corridor Management section (Section 5) gives the project stakeholders (listed in the plan in Appendix VI) an idea of the possible solutions to the major issues of local concerns. To complete the project, additional public, municipal and county input was received to help develop the alternative management options noted in Section 5.

The plan recommends the environmental features, historical sites, farming and forestry significant in the river corridor be preserved through effective preservation techniques. Compatible uses such as farming, forestry, and parks and recreation are encouraged throughout the delineated corridor. Drafting and amending ordinances is recommended so that the conservation regulations and buffer requirements can become a reality through local educational programs and conservation project promotion and implementation. It is recommended that critical open spaces existing in the river corridor be identified as well as its significant natural resources contained in the plan to protect for future generations. Land acquisition for land preservation, can become a part of the local governmental agenda and budgeting process. Municipalities, non-profit and or teamed with private enterprise can implement this plan by earmarking municipal funds (capital improvements

programming) and applying for grant monies for priority projects such as parks for recreation and open space acquisition.

In summary, the river corridor has remained naturally beautiful and nearly untouched by development with the exception of older development in Halifax and Millersburg Boroughs and scattered seasonal and year-round residential dwellings. The vegetative cover, woodlands, wetlands, and historical character are very significant and worthy of additional protection measures. The time to initiate land use preservation education, and the development of preservation standards in the river corridor has come, and the County believes the Susquehanna River Conservation Plan will be well received by its local residents, business community and tourists.

Current and Future Issues and Concerns

Municipal issues and concerns were surveyed in letters and two public workshops to discover the real problems concerning river conservation and the preservation of the coastal land areas existing in the corridor. These issues were tabulated and projects were developed to address them. A listing of the primary issues is shown below, however, each municipality had specific issues and concerns that are discussed in the plan.

ISSUES	CONCERNS
Floodplain Development	limited control over development location
Water Quality	stormwater, nitrate and coliform contaminant levels, public health and safety
Erosion and Stormwater runoff	uncontrolled erosion of river banks from storms or development
Economic Opportunity	lack of promotion and river utilization
Tourism	creation of non-residential attractions
Natural view shed preservation	structure and park maintenance and rehabilitation
Recreation	lack of recreation opportunity and development and regional parks planning
Land Conversions	undisturbed or agricultural lands converted to residential or commercial
Urbanization	residential and commercial development
Local Planning	lack of: floodplain management, buffer zone development stormwater runoff and stream bank stabilization regulation
Regional Planning	regional conservation planning
	open space preservation
Loss of Natural Buffers	riparian buffer development
Education	conservation promotion
	river corridor preservation

ISSUES Continued	CONCERNS Continued
Education continued	community recreation importance
	buffer creation and or retention
Riverbank Stabilization	lack of development restraints, uncontrolled erosion, silt buildup
Regional Recreational Planning	public support, lack of funds
Public Access	limited access, too many unofficial temporary and ill-managed access points, public health and safety
Protection of ecologically sensitive areas or pathways	uncontrolled development is affecting or has eliminated these areas
Rail Line Abandonment	lack accessible funds for purchase

Project Development

Each affected municipality was personally contacted to help uncover river conservation concerns. An alternative management options matrix (see attached matrix for project details) and a project description is included in the plan to inform you of the various individual project ideas and proposals.

The *local municipalities* who have proposed projects are:

- Halifax Borough
- Halifax Township
- Millersburg Borough

The Alliance for the Chesapeake Bay created the Susquehanna River Islands Trail in a southern portion of the river in Dauphin County and wishes to continue the trail north into the river corridor.

Regional projects were recommended in the plan and include:

- riverbank stabilization buffer zone protection, stormwater and floodplain management programs and regulation development, recreational planning, river conservation zone designation and regulation design and a public river access study.

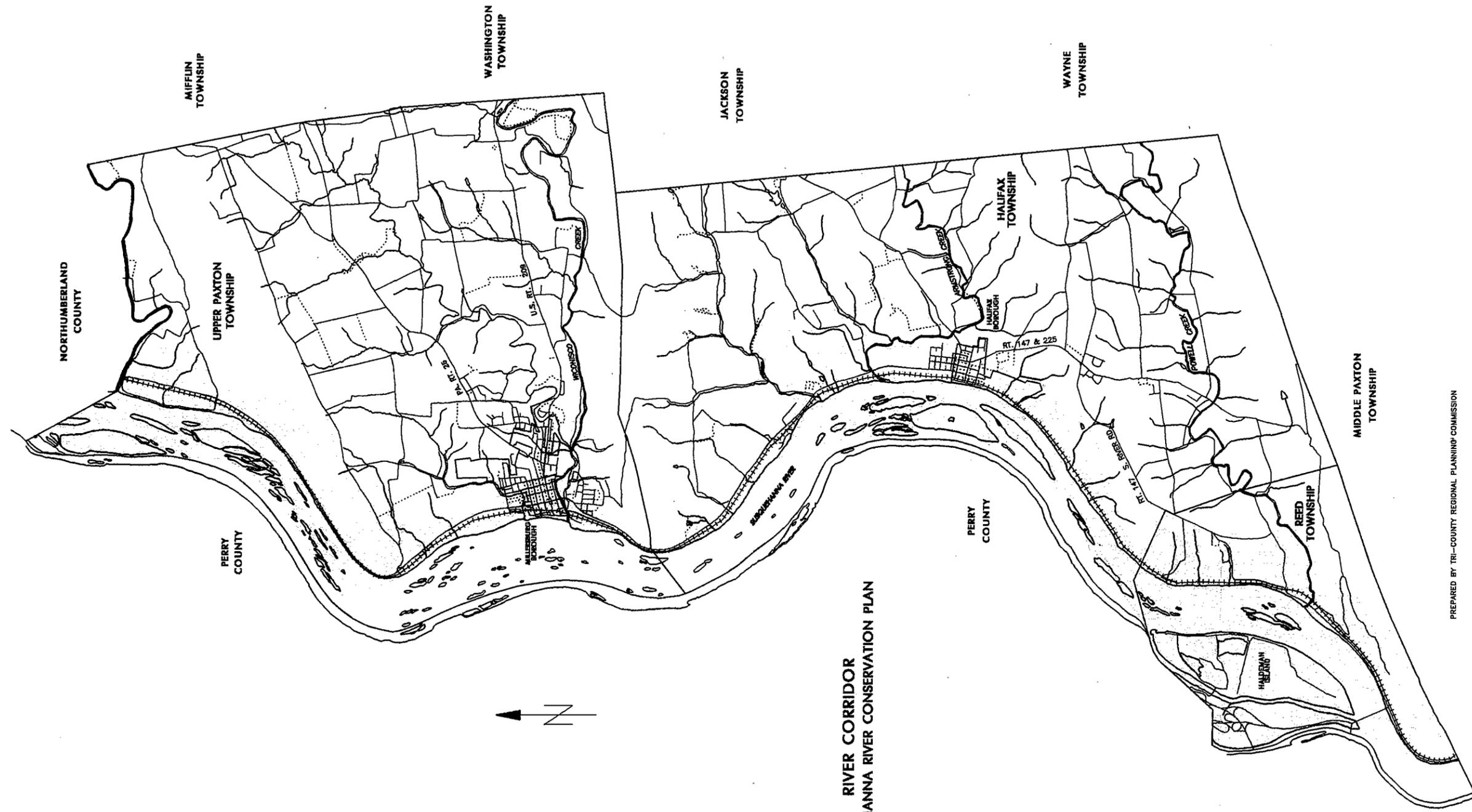
The plan also supports the development of a riverside greenway study, riparian buffer regulation and enforcement and the development of a river conservation zone (See Map 14).

ALTERNATIVE MANAGEMENT OPTIONS MATRIX

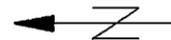
River Conservation Projects and Issues	Implementation Recommendations	Potential Funding Sources
<p>Regional, Intermunicipal, and Local Planning</p> <ul style="list-style-type: none"> -Riverbank stabilization -Buffer zone or river corridor protection -Watershed protection -Stormwater Management -Floodplain management -Openspace preservation -Farmland preservation -Recreation Planning -Develop a river conservation zone and model regulations -Public Access Study 	<ul style="list-style-type: none"> - Develop a River Corridor Study Committee for Regional Conservation Planning - The planning Committee should address the priority conservation projects and implementation strategies. 	<ul style="list-style-type: none"> - Key 93 Grants(DCNR) -Non-point source Program (DCNR) -PA Stormwater Mgmt. Program (DCNR) -William Penn Foundation -Geraldine R. Dodge Foundation -Coastal Zone Management Grant Program (DCNR)
<p>Halifax Borough Riverfront Park Plan</p> <p style="padding-left: 40px;">Park Design and Construction Educational Programs</p> <p style="padding-left: 40px;">Park Management</p> <p style="padding-left: 40px;">Capitol Improvements Plan</p>	<p>Develop a short and long term park plan</p> <ul style="list-style-type: none"> - Initiate volunteer educational programs for residents and the local school district involving: <ul style="list-style-type: none"> - park and tourism promotion - community clean-up projects. - conservation projects and promotion. <p>Develop park management regulations for:</p> <ul style="list-style-type: none"> - park responsibilities - park maintenance - park programs <ul style="list-style-type: none"> - designate funding sources - annual updating and budgeting plan 	<ul style="list-style-type: none"> - Key 93 Grants (DCNR) - Environmental Education Grants (U.S. EPA) -Caterpillar Foundation -Geraldine R. Dodge Foundation - William Penn Foundation -PA Chesapeake Bay Program <p style="padding-left: 40px;">- PA Conservation Corps. (for voluntary services)</p> <p style="padding-left: 40px;">-Surdna Foundation</p>

River Conservation Projects and Issues	Implementation Recommendations	Potential Funding Sources
<p>Millersburg Borough Park Beautification Plan</p> <p>Millersburg Ferry Boat Association-</p> <ul style="list-style-type: none"> - Landing access design and construction - Boat and property maintenance programs - new ferry boat signs and promotional signs and materials <p>River Access Study</p> <p>Tall Timbers Trail Study "Tow Path"</p> <p>Storm Water and Erosion Sedimentation Control Study</p>	<ul style="list-style-type: none"> - Develop a park plan with long and short term goals and prioritized projects. - Construction Activities selected and completed - ferry wall maintenance - property and tree maintenance - new signs for promotion, direction and historic characteristics - Create a local committee for river access research and development. - Coordinate promotional efforts and design and construction funding. -Analyze the existing trail and its needs - Address erosion and sedimentation control problems including: <ul style="list-style-type: none"> - Stream Bank Stabilization - tree and property maintenance - riparian buffer construction - Coal Barge Removal 	<ul style="list-style-type: none"> - Municipal Challenge Grant (Dauphin County) - Land and Water Conservation Fund (U.S.Nat. Park Svs) -Coastal Zone Management Grant Program (DCNR) - CDBG (DCED) - Heritage Parks Program (DCNR) - PA Conservation Corps - PA Recreational Trails Program (DCNR) - Key 93 Grants (DCNR) -PA Transportation Enhancement Program (PADOT) -American Express Foundation -William Penn Foundation -Andy Warhol Foundation -Surdna Foundation
<p>Halifax Township Park Land Acquisition</p> <p>Park Plan Development</p> <p>Park Design and Construction Activities</p>	<ul style="list-style-type: none"> - Acquire designated park property. - Create a study committee - Prepare a park plan with immediate and long term goals and projects. - Implement the plan's priority projects. 	<ul style="list-style-type: none"> - Key 93 Grants (DCNR) - Land and Water Conservation Fund (U.S. Nat. Park Svs)

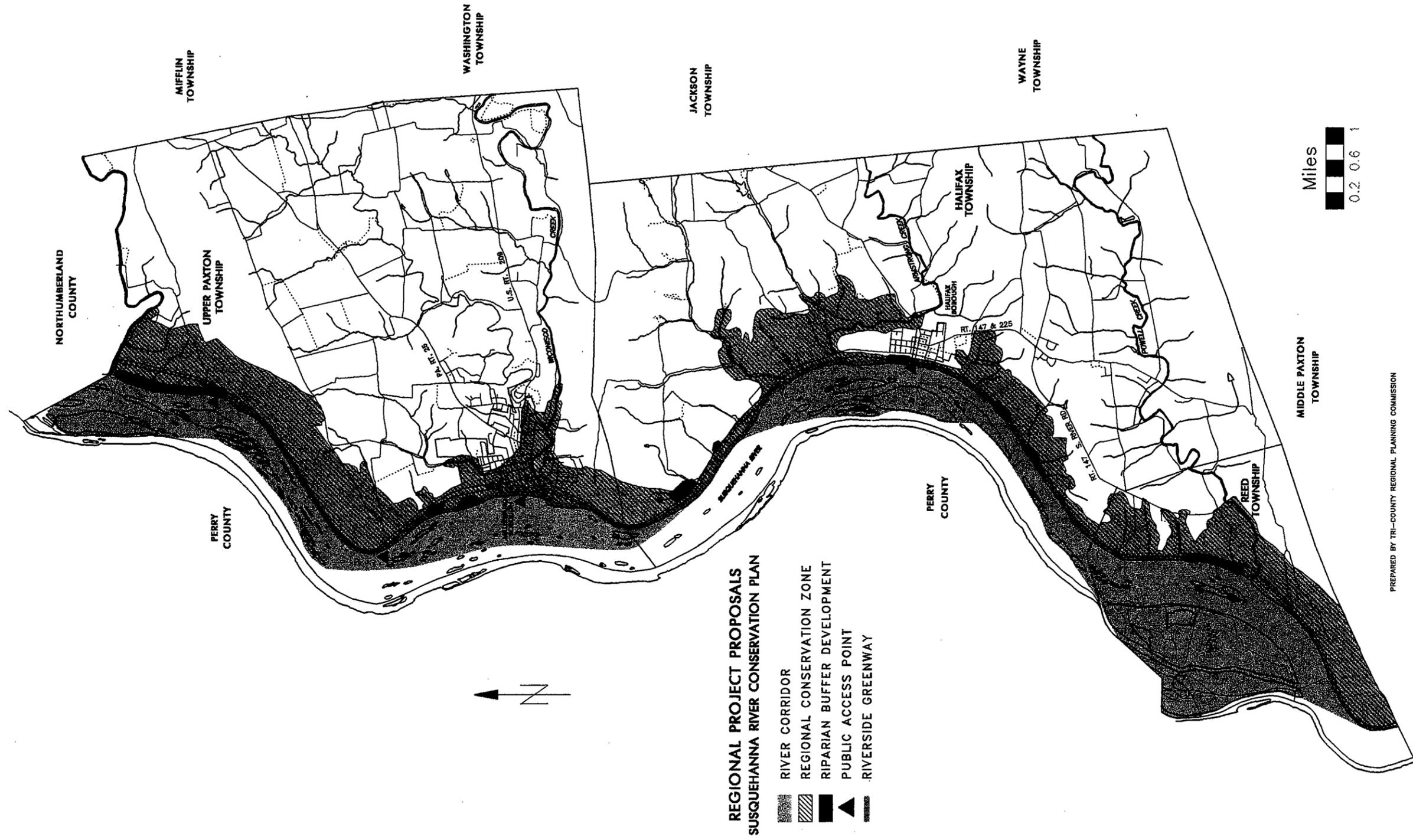
River Conservation Projects and Issues	Implementation Recommendations	Potential Funding Sources
<p>Initiate a River Corridor Study Involving the development of priority issues and projects including:</p> <p>Conservation Promotion and regulation</p> <p>Stormwater Management Study</p> <p>Water Quality Monitoring Program</p> <p>Public River Access Study</p>	<ul style="list-style-type: none"> - Committee Development - Develop a list of priority issues. - Develop partnerships with local municipal, public and private interest groups to promote projects and studies. - Partner with the County Conservation District and the Susquehanna River Basin Commission to help get a program started. - Create a study committee to locate potential access areas. Work with the PA Game Commission on development procedures 	<ul style="list-style-type: none"> - Key 93 Grants (DCNR) - Environmental Education Grant (U.S. EPA) - Nonpoint Source Program (DCNR) - PA Storm Water Mgmt. Program (DCNR) - William Penn Foundation - Surdna Foundation - William Penn Foundation
<p>Regional or Municipal Conservation Education</p>	<ul style="list-style-type: none"> - Recognize state or regional educational opportunities or municipal officials. - Organize the creation of municipal newsletters. - Initiate local or intermunicipal workshops on river corridor conservation topics. 	<ul style="list-style-type: none"> - PA Rails-to-Trails, Grant-In-Aid Program (DCNR) - Environmental Education Grant (U.S. EPA) - Geraldine R. Dodge Foundation - Municipal Challenge Grants (Dauphin County)
<p>Riparian Buffer Development Study</p> <p>Buffer Construction</p> <p>Regulation Development</p>	<ul style="list-style-type: none"> - Utilize the River Corridor Study Committee to locate and designate potential sites. Develop model construction activity criteria for buffers. - Design and Construction of priority sites - Review current zoning to include increased design standards to conserve or replace riparian areas. 	<ul style="list-style-type: none"> - Alliance For Chesapeake Bay - Key 93 Grants (DCNR) - Municipal Challenge Grant (Dauphin County) - Various USDA Programs (i.e. Conservation Reserve Program - Wetland Reserve Program (U.S. Dept. Of Agric.) - Forest Stewardship Program (U.S. Dept. of Agric) -Surdna Foundation - American Express Foundation - Caterpillar Foundation - William Penn Foundation - PA Chesapeake Bay Program



**RIVER CORRIDOR
SUSQUEHANNA RIVER CONSERVATION PLAN**



PREPARED BY TRI-COUNTY REGIONAL PLANNING COMMISSION



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SECTION 1: RIVER CORRIDOR DEVELOPMENT

The Dauphin County Commissioners and the Dauphin County Planning Commission are extremely concerned about development pressures along the Susquehanna River in the Upper Dauphin region. The length of the Susquehanna River Corridor is estimated to be approximately 20 miles and is filled with countless plant and wildlife, with islands that harbor migratory birds, waterfowl and other animal species. Recreation on the Susquehanna can include boating, fishing and hunting. The planning commission identified preliminary geographic limits of the corridor for grant application purposes. The corridor identified for the project was created by using a layering process. Two primary categories were: Hydrological Features and Significant Environmental Features.

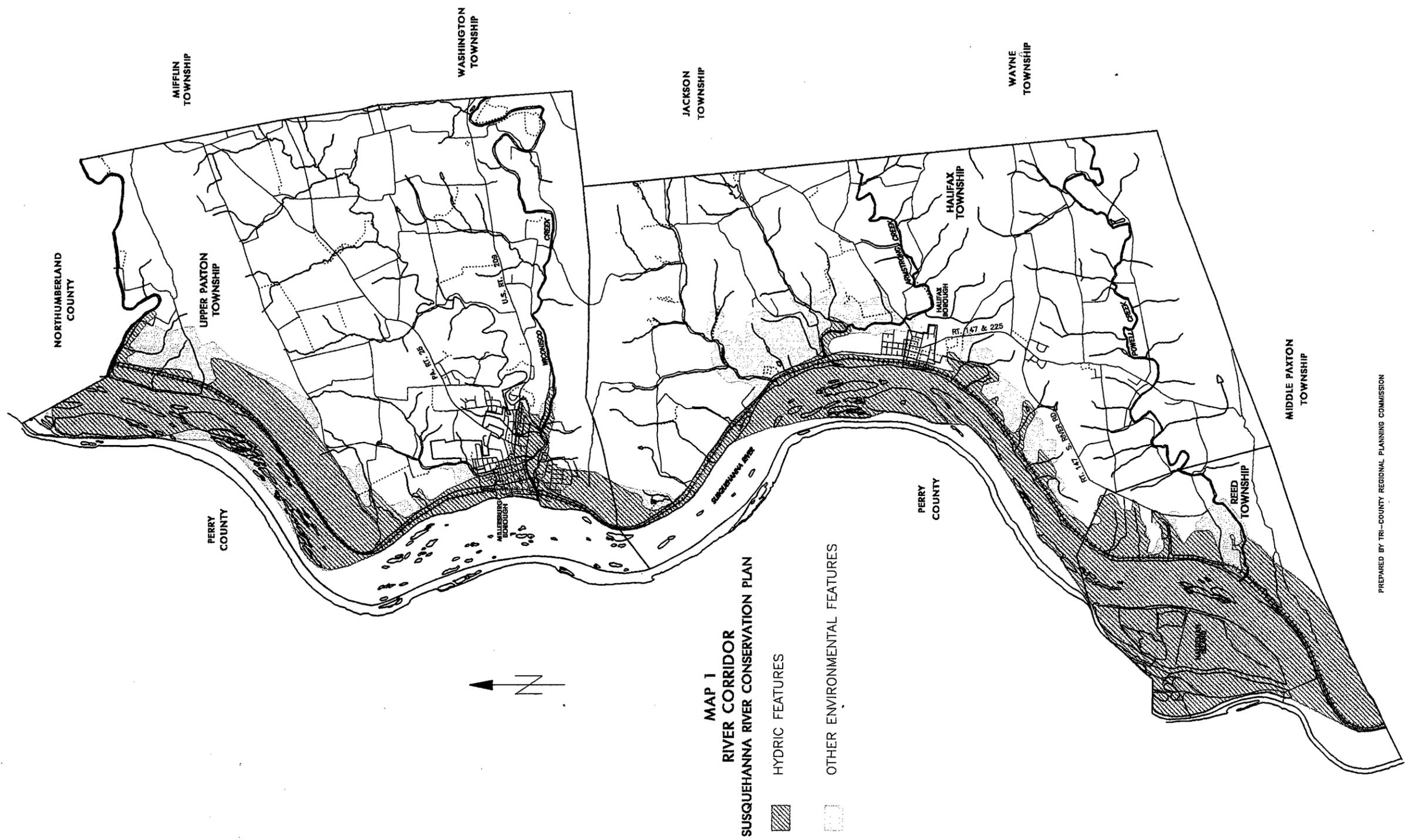
Hydrological Features

The Hydric Features category includes several layers: wetlands, delineated on the Wetland inventory maps, 100-Year Floodplain Zone delineated on the Federal Emergency Management Agency Floodplain regulatory maps, and Hydric soils mapped from the Dauphin County Soil Survey. This layer is designated with blue hatching on Map 1. The entire limits of the floodplains and wetlands were included in the corridor as well as a majority of the hydric soils.

Significant Environmental Features

Significant Environmental Features layers include: Woodlands depicted from aerial photography, Severe Soils for Homesite Suitability, State Game Lands, Slopes of 15% or greater, Agricultural Security Areas, and Agricultural Easement properties. These features are colored in yellow on Map 1. These features are combined on the mapping included throughout the plan. Where the layers begin to overlap is where the general limits of the river corridor were placed.

The two layers combined help to form the entire river corridor. River conservation issues, concerns and development projects will be concentrated within the limits of the designated corridor. The combination of layers used to delineate the corridor were all considered significant for future river conservation efforts. By including natural features, the plan can truly preserve, not only the river coastal areas, but also the areas impacted by the river. Development along the river may cause increased runoff and erosion problems. Most of the riverfront has fallen victim to flood damage. Property owners will be plagued with continuous stormwater problems if conservation measures such as the ones developed in this plan, are not utilized.



MAP 1
 RIVER CORRIDOR
 SUSQUEHANNA RIVER CONSERVATION PLAN

-  HYDRIC FEATURES
-  OTHER ENVIRONMENTAL FEATURES

SECTION 2: RESOURCE DATA COLLECTION

The Susquehanna River has been affected by development for many years. Despite the impacts, the river remains the region's best resource for recreation and relaxation, tourism and economic opportunities. Area residents are attracted to the river for its scenic and recreational values. The views, wildlife, plantlife, and historical significance are all factors for the continued interest in river conservation. Applicable information and resource data was collected and evaluated to determine the project area's most pressing issues and concerns. The issues and projects are prioritized to help implement the plan in future years.

Resource data collection consisted of a wide range of basic information. These resources were analyzed and mapped to show their location and importance within the study corridor. They include:

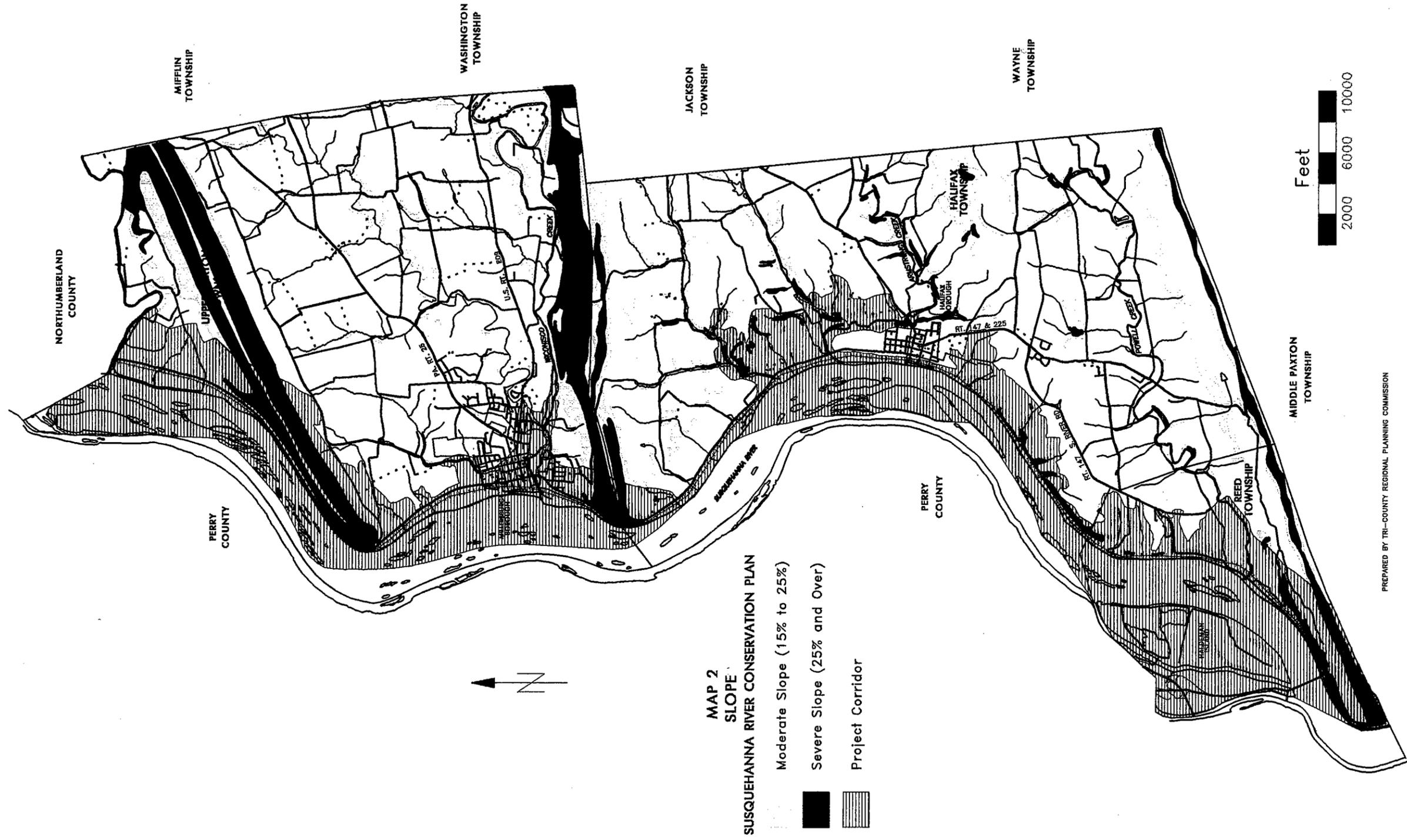
- A. Natural Features
- B. Agricultural Security and Easement Properties
- C. Prime Agricultural Soils
- D. Population Trends
- E. Existing Recreational Facilities and Open Space
- F. Land Uses and Viewsheds
- G. Zoning
- H. Historic and Cultural Resources
- I. Resource Findings

A. Natural Features

Slope

The river flows south along the Mahantango Mountain in Upper Paxton Township, Berry Mountain in both Upper Paxton and Halifax Townships and Peters Mountain bordering Reed and Middle Paxton Townships. Halifax and Millersburg Boroughs are the project's lowest topographical areas. The two boroughs have historically been subject to flooding and erosion problems caused by frequent rain storms and floodplain development. Halifax and Millersburg have adopted floodplain regulations to manage development and construction in such areas. However, most of the development in the two boroughs was built prior to the adoption of floodplain regulations. Floodplain conservation did not become an issue until recently and erosion and sedimentation control standards for development are still underregulated today.

The corridor has been naturally protected through the years due to steep slopes and hydric soils existing along the river's edge. A good portion of Reed Township contains slopes in excess of 15% or greater. Map 2 shows slopes of 15% and greater. The Peters, Berry and Mahantango mountain ranges contain slopes in



MAP 2
SLOPE
SUSQUEHANNA RIVER CONSERVATION PLAN

-  Moderate Slope (15% to 25%)
-  Severe Slope (25% and Over)
-  Project Corridor

Feet
2000 6000 10000

excess of 25% within the corridor. Both Halifax and Upper Paxton Townships have designated these as conservation districts in their local zoning ordinances and have made preservation of steep slopes and woodlands a top priority by restricting development type, size and excavation.

Geology

The river corridor contains bedrock formations which extend in an east-west direction. The importance of underground geologic structure is helpful for planners, developers and contractors to forecast construction impacts and cost estimates. Construction costs and environmental impacts are largely due to geological and soil characteristics existing at a given site. Well yields for the study area average from 20-40 gallons per minute. Excavation is noted as moderately difficult to difficult for construction activities. The formations in the corridor are as follows:

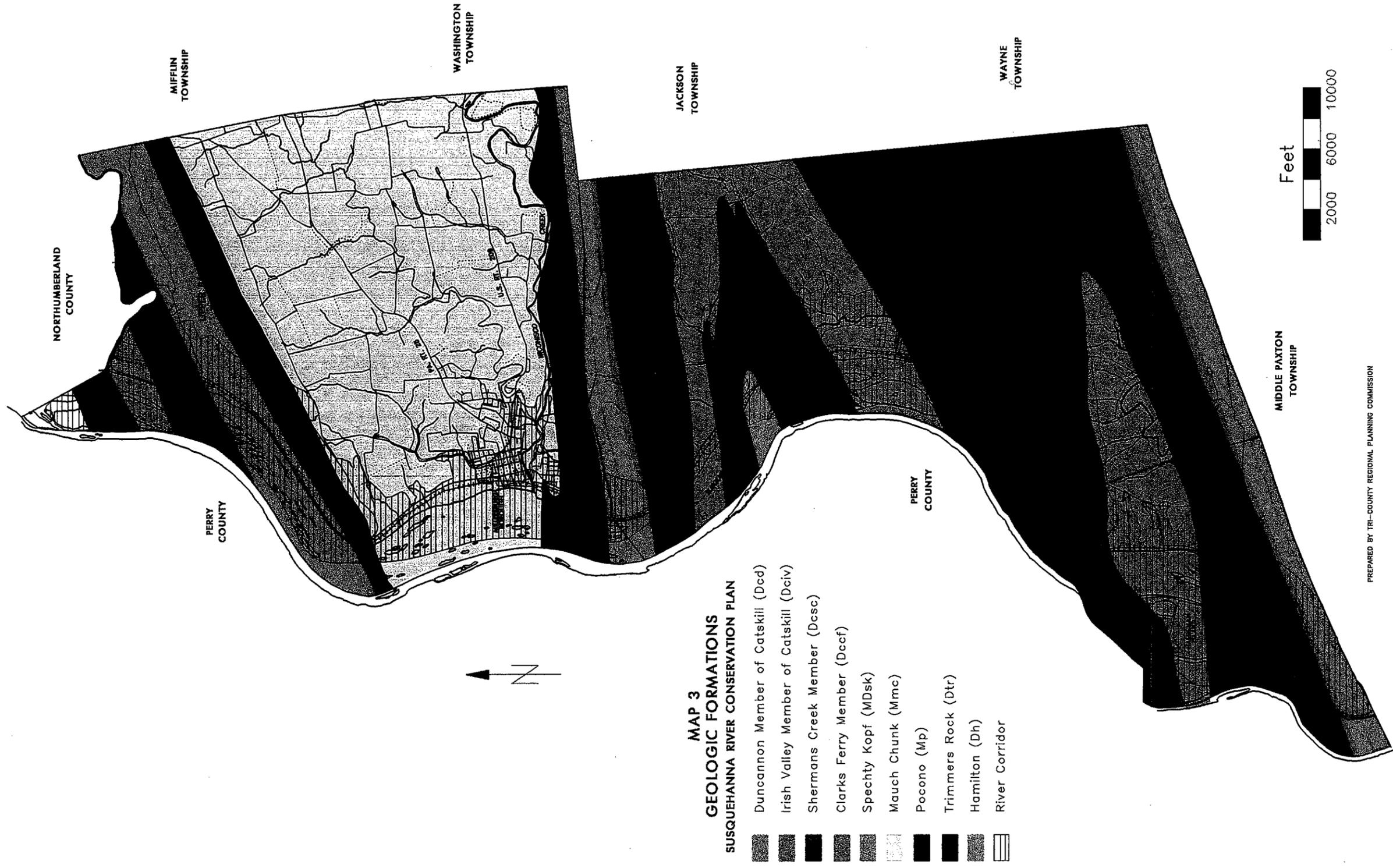
FORMATION	WELL YIELDS	GROUNDWATER YIELDS	EASE OF EXCAVATION
CATSKILL			
Clarks Ferry Member (Dccf)	low - mod	20 gal/min	difficult
Duncannon Member (Dcd)	mod - good	40 gal/min	difficult
Irish Valley Member (Dciv)	mod	35 gal/min	moderately easy
Shermans Creek Member (Dcsc)	excellent	-	difficult
HAMILTON (Dh)	mod	30 gal/min	moderately easy
MAUCH CHUNK (Mmc)	-	-	difficult
POCONO (Mp)	mod - good	40 gal/min	difficult
SPECHTY KOPF (MDsk)	unproductive-fair	25 gal/min	difficult
TRIMMERS ROCK (Dtr)	good surface drainage	30 gal/min	moderately difficult

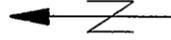
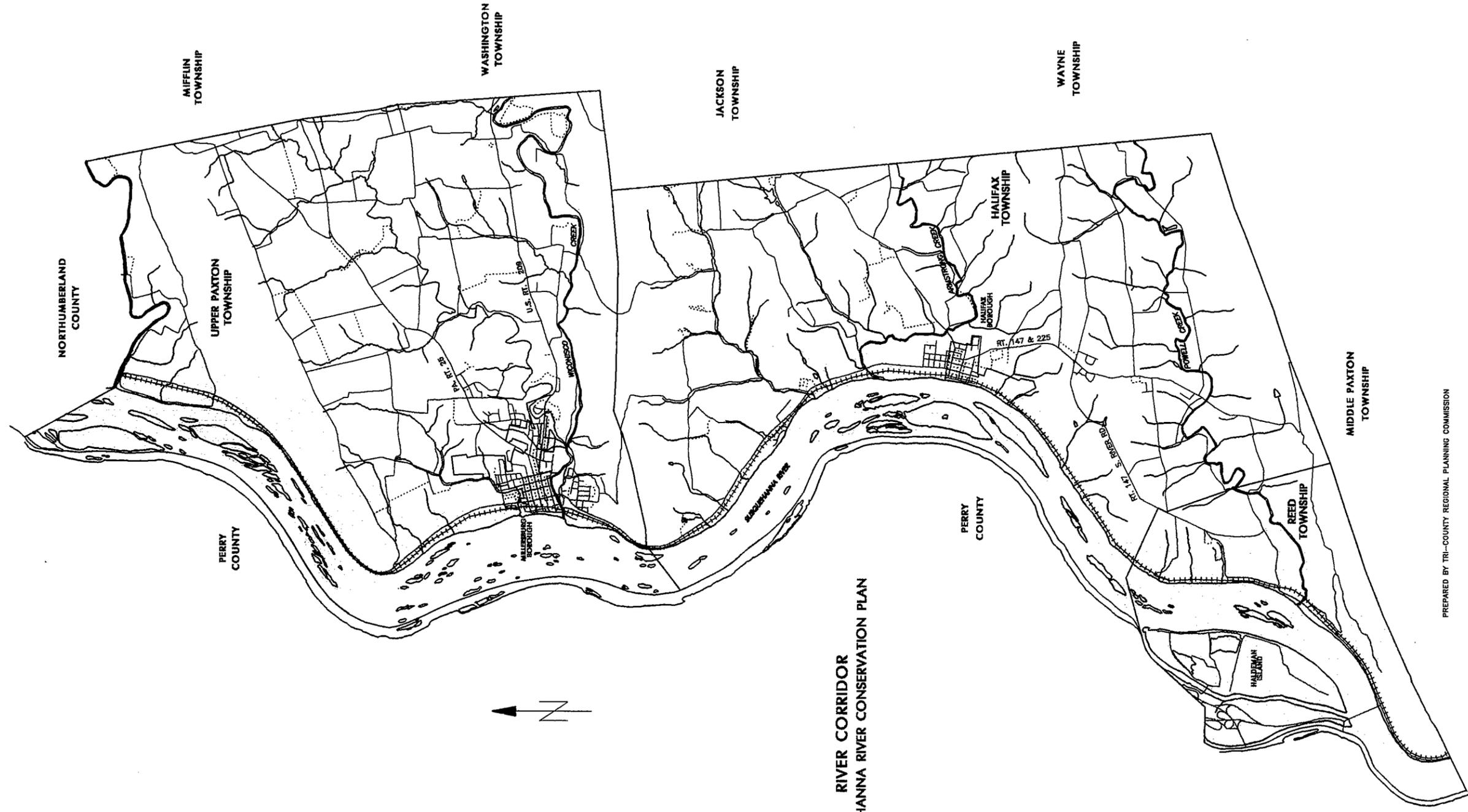
SOURCE: Engineering Characteristics of Rocks in Pennsylvania

The formations which encompasses the largest land area are Mauch Chunk and Catskill - Shermans Creek Member. However, there is no groundwater data for the Mauch chunk formation, mainly due to its mountainous topography. Surface run-off is high and porosity is very low. The steep slopes associated with the river, present limitations to development and construction. Any type of grading, excavation, or vegetation removal on steep slopes may be a costly endeavor as well as create stormwater and soil erosion problems. The locations of the various formations are shown on Map 3.

Woodlands

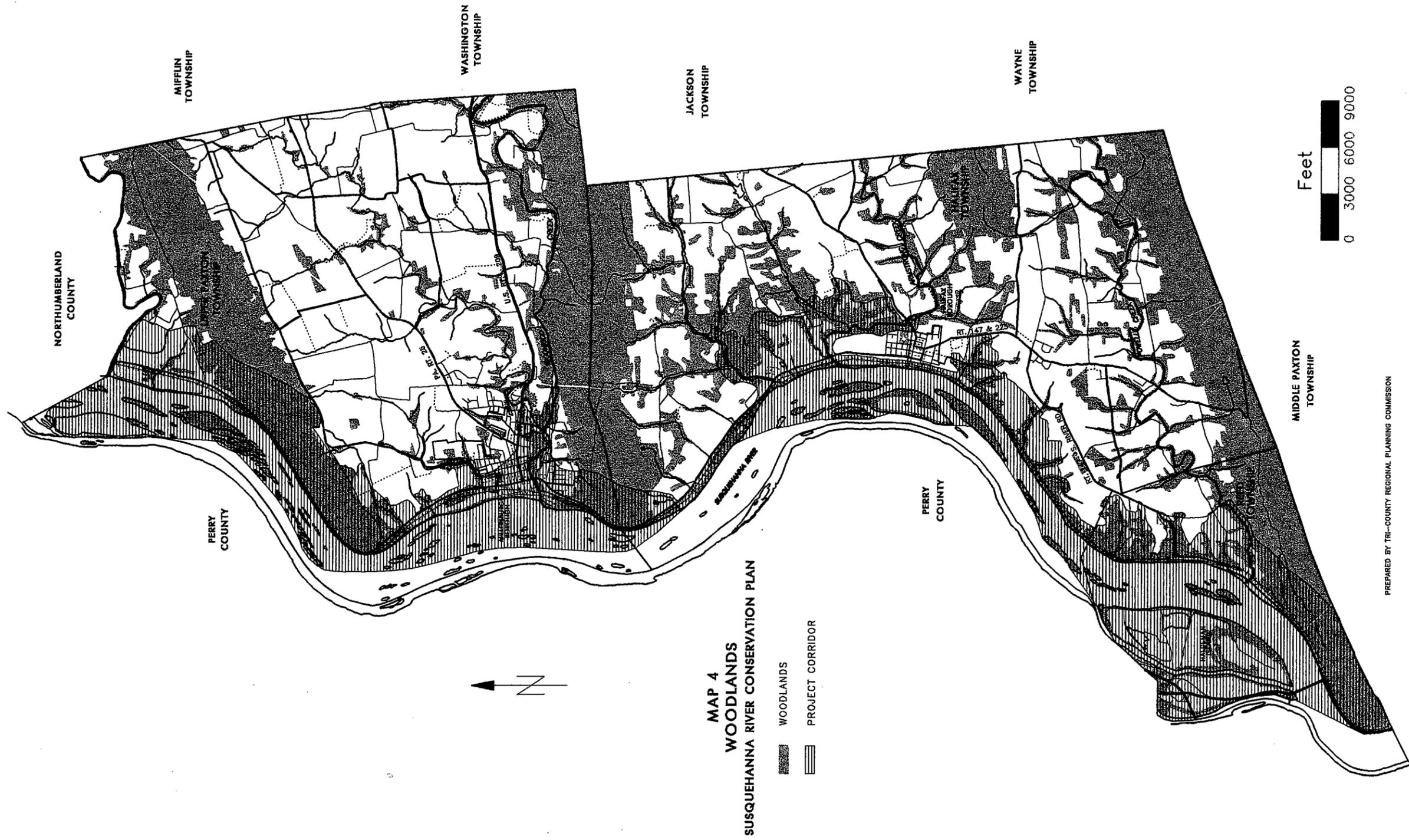
Woodlands in the river corridor are largely located along the river and on the mountainous areas. The mountainous areas existing in the corridor are located in the southern and northern most portions Halifax Township and Upper Paxton Township. Approximately 4,492 acres of woodlands can be found in the project





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area. Map 4 shows the corridor's woodlands. The islands, coastal areas and stream banks are also wooded.

Floodplain, Wetlands and Hydric Soils

The Susquehanna River is the largest drainage basin that drains directly into the Chesapeake Bay, and the most productive estuary in the United States. The delineation of the corridor was partially completed through mapping the floodplain areas, wetlands, and hydric soils along the river. Map 5 shows all three sensitive areas. A large majority of land in Millersburg Borough contains either hydric soils or is located within the 100-year floodplain. Many of the islands are comprised of hydric soils and within the 100-year floodplain. However, a large majority of land within the corridor does not exist in any known floodplain, wetlands, or hydric soils.

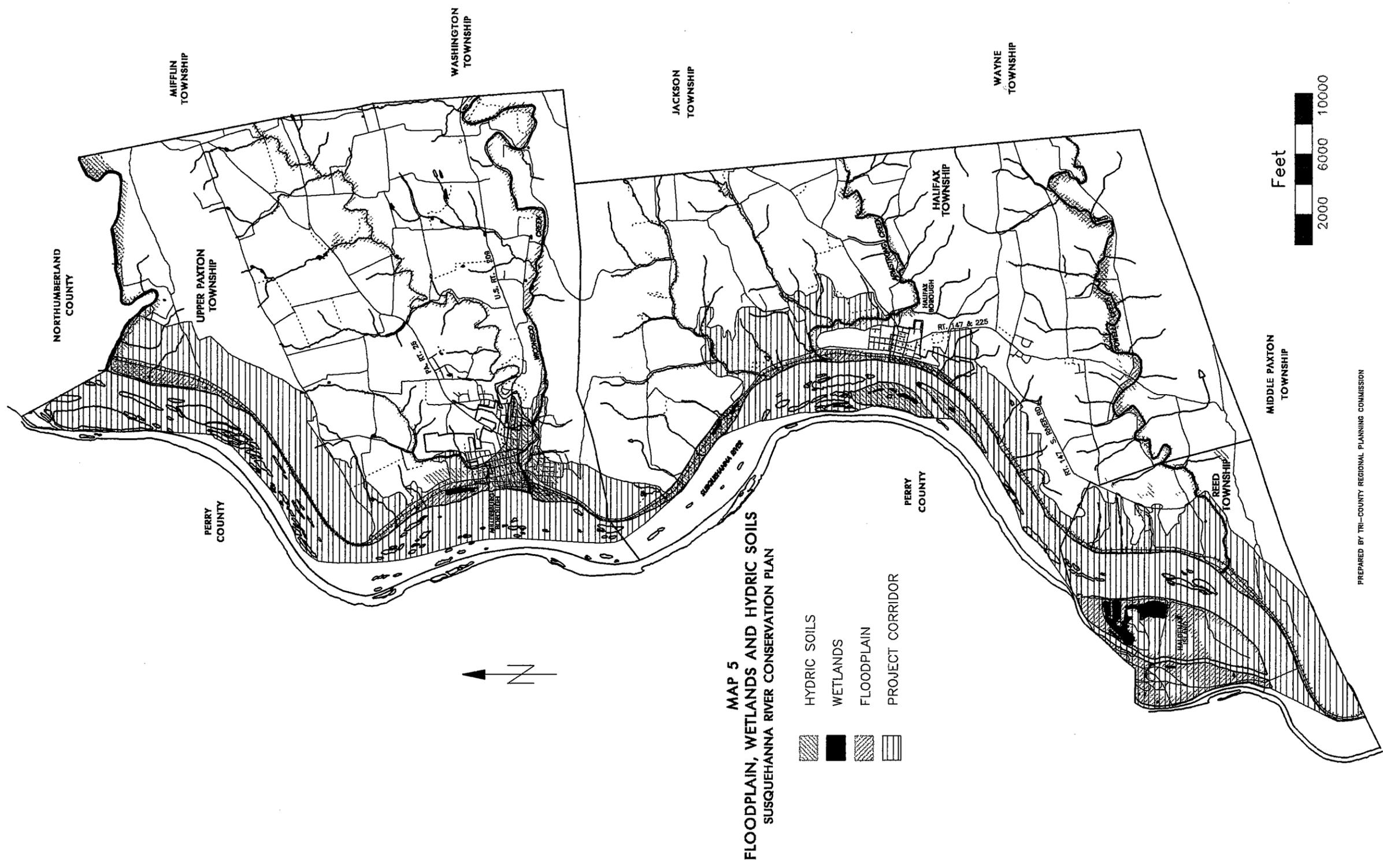
The Susquehanna River has a unique history of flooding events. Halifax and Millersburg Boroughs have experienced the most damage due to regulations their riverfront locations. Upper Paxton Township enforces conservation regulations for the designated 100-year floodplain. Any development proposed within the floodplain must conform to special regulations affecting but not limited to: the type of development, degree of grading, setbacks, building height, building materials, sewage treatment, lot size, woodland and streambank preservation, mandatory erosion and sedimentation control planning and stormwater management planning. Floodplain areas in Upper Paxton should remain in their most natural state in order to continue to purify and reduce surface water runoff. Roadway construction debris and required maintenance cause significant damage to properties, river banks, water quality, high quality habitat areas, and has eliminated some migratory pathways.

Wetlands are protected by the state, and permits are necessary for projects which affect or impose upon any wetland. The permits must be reviewed and approved by the U.S. Army Corps of Engineers and the Pennsylvania Department of Environmental Protection (DEP). Wetlands in the corridor are shown in green on Map 5.

Water Quality

The Department of Environmental Protection has designated the Susquehanna River as a Priority 1 "A" base level water quality. There are numerous other named and unnamed tributaries in the study corridor that flow into the river and are as follows:

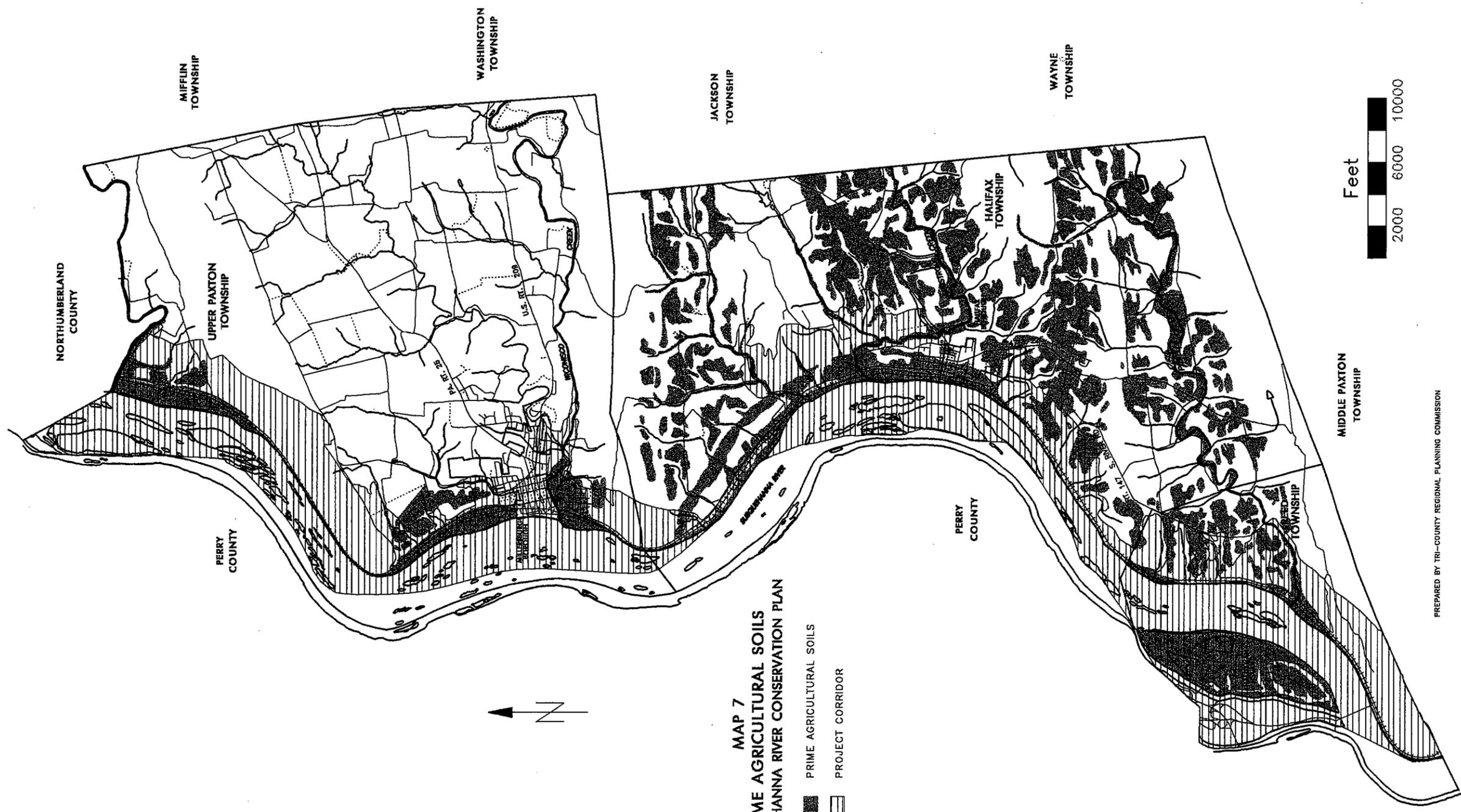
Upper Paxton Township: Mahantango Creek
Wiconisco Creek
Shippen Run



MAP 5
FLOODPLAIN, WETLANDS AND HYDRIC SOILS
SUSQUEHANNA RIVER CONSERVATION PLAN

- HYDRIC SOILS
- WETLANDS
- FLOODPLAIN
- PROJECT CORRIDOR

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MAP 7
 PRIME AGRICULTURAL SOILS
 SUSQUEHANNA RIVER CONSERVATION PLAN

- PRIME AGRICULTURAL SOILS
- ▬ PROJECT CORRIDOR

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Millersburg Borough	3,074	2,770	2,729	2,835	2,622	-17.2
Reed Township	259	289	259	229	262	1.1
Upper Paxton Township	2,718	3,433	3,680	3,815	3,957	31.3

Source: U.S. Bureau of Census

* Population Estimates, U.S. Bureau of Census

** Population Projections completed by Department of Environmental Resources, 1991.

*** Population increase or decrease from 1970 to projected year 2000.

Halifax Township and Upper Paxton Townships are slated for the heaviest growth in the River Corridor. Reed Township and Halifax Borough's population figures reveal an almost static condition. Millersburg Borough's population, on the other hand, has been declining since 1970, with the exception of a population estimates developed for 1994. Overall from 1970 to 2000 Millersburg's population is projected to decrease approximately 17 percent.

E. Existing Recreational Facilities and Open Space

State Ownership

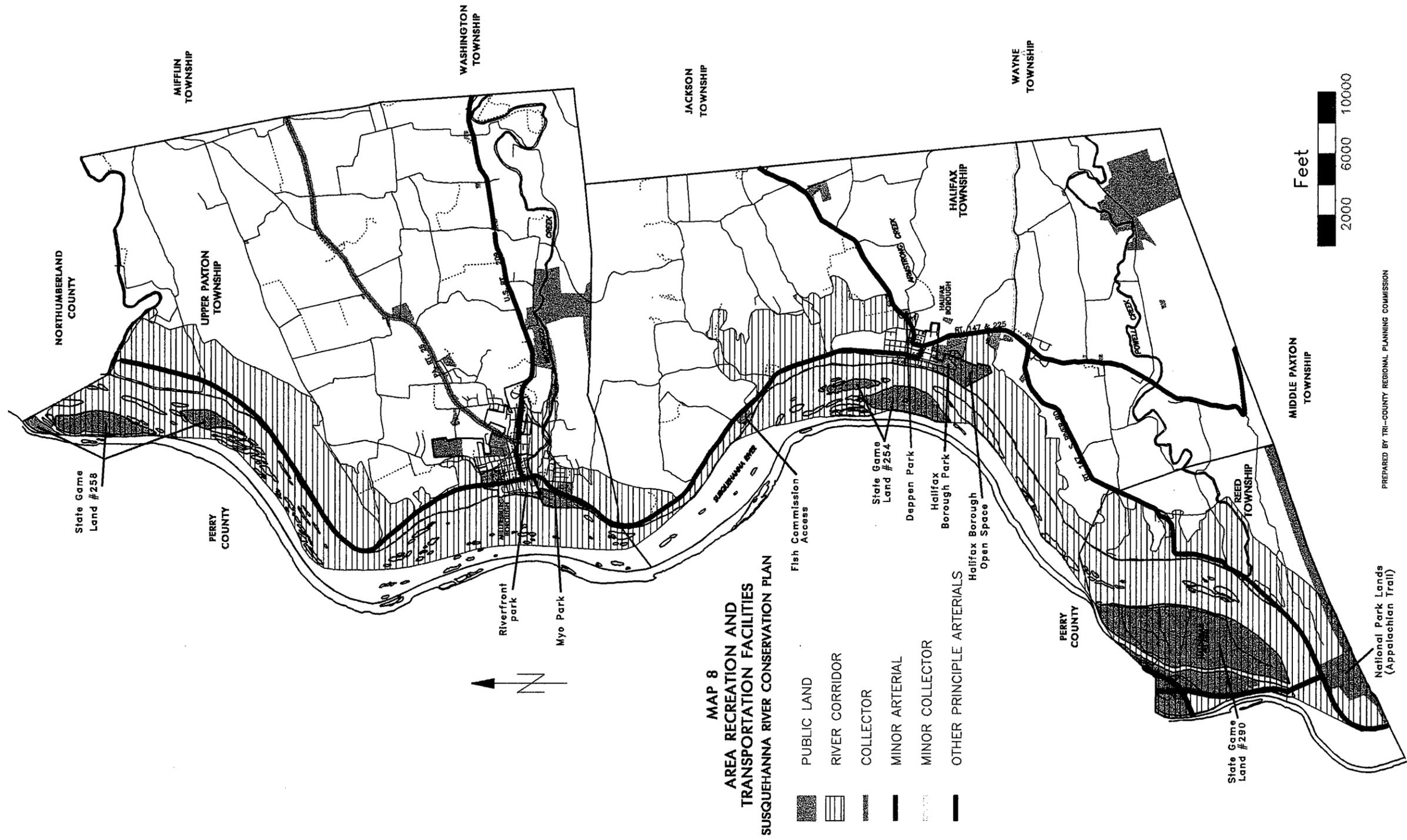
PA Fish Commission owns and maintains a boat access and parking area along the Susquehanna River in Halifax Township just north of Halifax Borough (See Map 8). Islands such as Haldeman and Clemson State Game Lands No. 290 and No. 254, respectively are owned and maintained by state for the protection of wildlife and for public recreation.

Municipal Parks and Open Space

Halifax Borough owns and maintains river front property west of Front Street. The park's grassy areas and benches are regularly maintained. The borough has proposed improvements noted in Section 3. Halifax Borough and Halifax Township support the Halifax Borough Park. The Park is approximately 30 acres and hosts a playground, fields, public swimming pool, scenic and picnic areas located in the Township (See Map 8).

Millersburg Borough has two parks in the river corridor. The riverfront park, north of the Wiconisco Creek, which has several sitting benches and the Ferry boat and landing; and the Myo Park, located south of the Wiconisco Creek. This park contains playground equipment, pavilions, and cooking grill facilities. The famous "swinging bridge" ties the two parks together. Both parks are frequently used by residents and by annual festivals and or events.

Utility & Rail Company Lands and Right-of-Ways



Sewer, electric utility companies owns or leases acreage in study area, some of which is used for operational facilities. High voltage electric lines are owned by Pennsylvania Power and Light. Halifax Borough maintains the electric line utility easement which runs directly through the Riverfront Park. Millersburg and Halifax Boroughs have wastewater treatment plants located in the river corridor on municipally owned property. Conrail owns and maintains a line running north/south near the Susquehanna River traversing the entire river corridor.

F. Area Transportation Facilities

The river corridor contains the major travel routes in the Upper Dauphin County region. The Pennsylvania Department of Transportation and the metropolitan planning organization, the Harrisburg Area Transportation Study, have classified the local and regional highways for planning and funding purposes. It is recommended that local governing bodies utilize this classification system for local and regional planning projects. The functional classifications of the major routes are located in the project area are as follows:

<u>Route</u>	<u>Municipality</u>	<u>Classification</u>
U.S. Route 22/322 PA 147	Reed Township Reed, Halifax, Halifax Boro. Millersburg Boro. and Upper Paxton	Interstate Minor Arterial
PA 325 PA 225	Reed Township Halifax Township Halifax Borough	Minor Arterial Minor Arterial
PA 209 SR 4009 PA 25	Millersburg Boro., Upper Paxton Millersburg Borough Millersburg Borough, and Upper Paxton	Minor Arterial Minor Collector Collector

The classifications of the roadways above have distinct differences. The characteristics of the different roadways are as follows:

Arterials

- limited access with high speed mobility
- normally used for longer trips
- high volume traffic
- widest right-of-way, cartways and shoulder widths
- may contain 3 to 4 lanes
- speed range from 35-55 miles per hour
- limited through traffic
- connects with other arterials and/or collector roadways

Collector

- mobility and access are important
- used for regional trips
- connects with other arterials and/or local roadways
- moderate traffic
- speed range from 35 to 45 miles per hour
- minimum right-of-way, cartway and shoulder widths
- balanced amount of local and through traffic

Local

- land access is important
- short trips are normal
- low volume traffic
- no access controls
- minimum or no right-of-way, cartway and shoulder widths
- speed average is 25 miles per hour
- caters to local traffic
- primarily connects with other local and collector roads
- stop sign and red light controls are more frequent

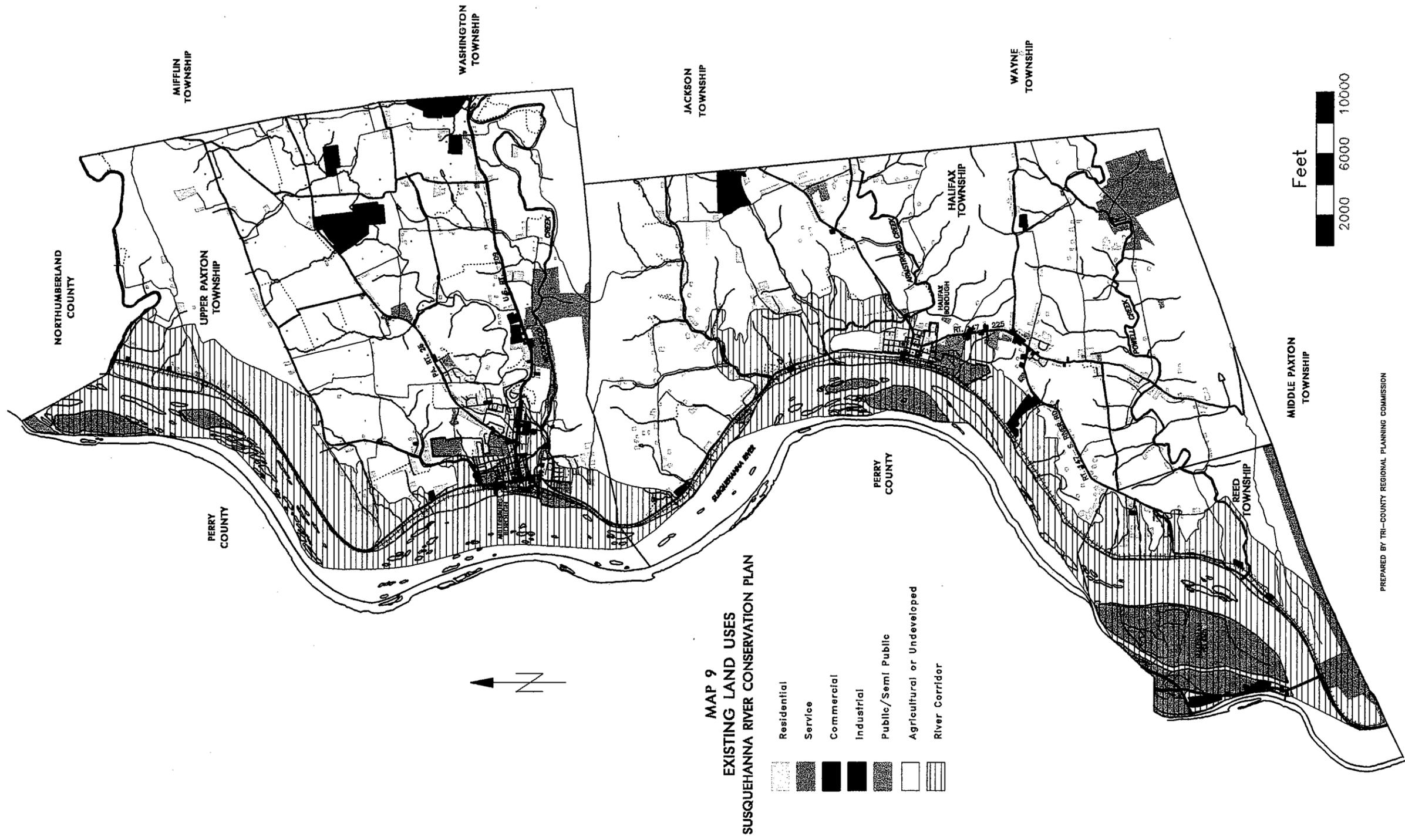
Halifax Borough has undergone major roadway improvements on Routes 147 and 225. The two improved roads have been milled and resurfaced new curbing and sidewalks and upgrades to the stormwater facilities. Local roadway repairs and maintenance is a municipal function.

G. Existing and Future Land Uses

Existing Land Uses

The corridor views from the Susquehanna River looking landward are extremely attractive. The views and sporting activities are the major reasons why the river keeps tourists and sportsmen coming back. When traveling on the river a boater can feel removed from the commercial and industrial worlds. The wooded islands and coastal areas give a boater or tourist a secluded look and feel. Various sections of the river coast are extremely sloped. The accelerated heights are filled with a natural rural beauty. The noise from traffic along routes 11 & 15 on the western side of the river and 322 and 147 on the eastern side tends to echo and carry along the water. However, the cabins, trailers or residences found all along the river's eastern edge are often more intrusive than the noise of the highways. The river has influenced the types of land uses which exist today. Map 9 shows land use in 6 categories: Residential, Service, Commercial, Industrial, Public/Semi-public and Vacant or natural areas.

- *Residential* land uses consist of any single and or multifamily dwellings.



- *Service* land uses refers to uses such as offices for dental, medical, legal, and other professional services offered to the general public.
- *Commercial* land uses refer to retail establishments selling clothing, shoes, groceries etc.; restaurants, entertainment establishments, home improvement stores, and other similar uses.
- *Industrial* land uses are manufacturing, warehousing, quarry operations, mining, distribution centers, fabrication, tool and dye operations, paper production, printing press and other similar uses.
- *Public/Semi-Public* land uses are municipal, county or state owned lands or structures, private and public parks, and state game or forest lands.
- *Agricultural or Undeveloped* land uses are undisturbed lands existing as marginal, steeply sloped, wooded or agriculturally used lands. These lands are mostly privately owned.

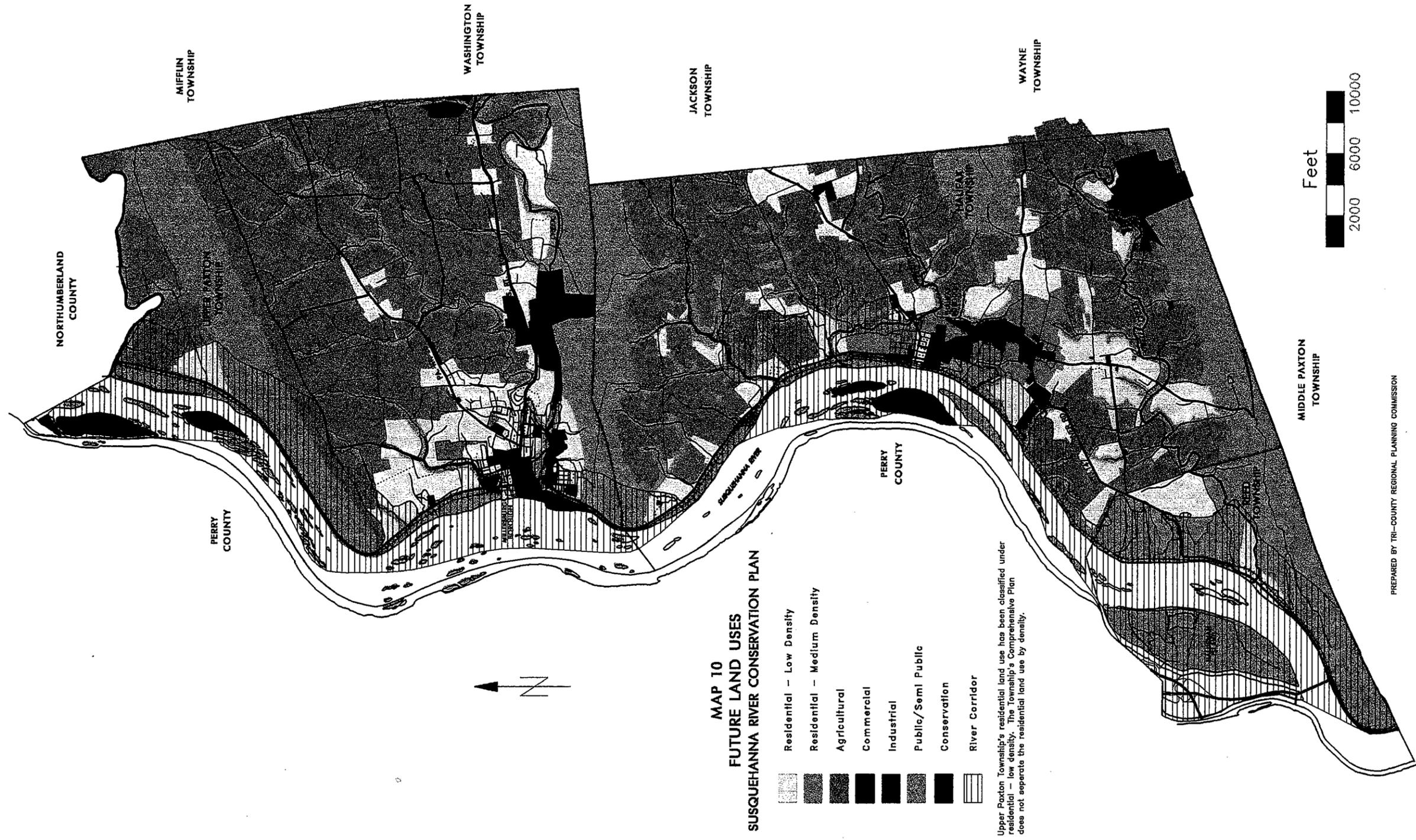
It is apparent that a majority of the land in the river corridor remains undeveloped with sparse residential development existing along the river's edge. Camping facilities and seasonal cottages can be found along the Susquehanna River in northern Halifax Township and throughout Upper Paxton Township.

The islands that exist within the corridor vary in size and have been known to change as the currents and water levels change. Islands have a beauty all their own and are commonly used for hunting and camping purposes. Many of the islands are overgrown with poison ivy and are unsuitable for most recreational activities. The State Game Commission owns many of the islands which are open to the public with the exception of Haldeman Island. Haldeman Island is located in Reed Township and is maintained as a sanctuary for the preservation of various species of migratory birds and other wildlife species and is agriculturally used to grow crops for its inhabitants.

Future Land Uses

One way of effectively planning for growth in the region is to establish a regional land use plan. The Dauphin County Planning Commission in cooperation with Halifax and Upper Paxton Townships has created a future county-wide land use plan. This plan has designated locations for the future use for residential, commercial, industrial, open space/conservation, agricultural and public/semi-public land uses for the entire county. Map 10 shows the future land uses for the 5 impacted municipalities within the river corridor.

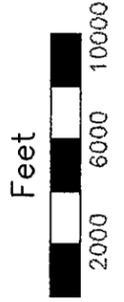
The county-wide land use plan was developed through a public participation process of public official interviews, community attitude surveys, and public comprehensive plan meetings.



MAP 10
 FUTURE LAND USES
 SUSQUEHANNA RIVER CONSERVATION PLAN

- Residential - Low Density
- Residential - Medium Density
- Agricultural
- Commercial
- Industrial
- Public/Semi Public
- Conservation
- River Corridor

* Upper Paxton Township's residential land use has been classified under residential - low density. The Township's Comprehensive Plan does not separate the residential land use by density.



PREPARED BY TRI-COUNTY REGIONAL PLANNING COMMISSION

The future land use plan should be viewed as a guide for future growth and development and is intended as a flexible guide for the future uses for the region. All areas of the region have been designated with a land use type, however, not all areas will be developed. The map is generalized and does not reflect the land use of every lot. The map is reviewed periodically and is planned for updates in the near future to keep pace with changing development patterns and trends.

The future land use map is not a zoning map and should not be construed for this purpose. There are seven future land use categories. They include: Residential-Low Density, Residential-Medium Density, Agricultural, Commercial, Industrial, Public/Semi Public, and Conservation. The residential land uses (low or medium) differs in density from municipality to municipality. The Boroughs of Halifax and Millersburg have higher residential densities than their surrounding Townships. This is mostly due to the presence of infrastructure such as public water and sewer service.

H. Corridor Zoning

Zoning should be considered a beneficial tool for land use planning and growth management. Municipalities should establish good relations with its residents and local developers to instill cooperation and good land use planning practices, especially those municipalities who do not have zoning control. There are many benefits to municipal or regional zoning for river conservation such as:

- Municipalities can control development through zoning district creation and regulation. Uncontrolled growth has long lasting effects on the environment and on its residents.
- The sensitive floodplain, slope or wet areas in the corridor can be assured a higher level of protection against development. Restricting land subdivision and grading could help municipalities preserve the river corridor.
- Permitted uses in commercially zoned parcels in the river corridor can cater to river conservation, recreation and accessory types of activities.
- Regulations for open space designed development can be incorporated as part of the subdivision process. Currently there are no design standards which preserve open space as part of the subdivision and land development process in Upper Paxton Township.

Zoning exists in only one out of five municipalities located within the river corridor, Upper Paxton Township. Halifax Township is in process of preparing its first official municipal zoning ordinance. Halifax and Upper Paxton Townships zoning districts located within the river corridor include:



Halifax Township (Proposed)
Conservation
Agriculture
Residential Agriculture

Upper Paxton Township
Conservation
Agriculture
Residential suburban
Commercial

The proposed Halifax Zoning Ordinance provides additional environmental protection requirements for areas existing in the Environmental Protection Overlay area. Article 17 of the proposed Halifax Zoning Ordinance adds to this by requiring construction, development and improvement standards. The proposed standards include but may not be limited to buffer requirements, screening and maintenance requirements, lighting and landscaping requirements, and greenways, trails, and bike path requirements.

Agricultural District

Both municipalities have regulations for Agricultural Districts. Upper Paxton Township defines its Agricultural District as an integral part of the culture and economy and should be preserved. The district is intended and designed to preserve and promote agricultural activities in areas of productive soils and active farming as an on-going and viable major component of the Township's economy and life-style. Agricultural lands are considered a "special non-reclaimable resource" in Upper Paxton. Halifax Township proposed Zoning Ordinance has also developed an Agricultural District established to permit, protect and encourage the continued use of land for agricultural purposes. This district is located in those areas having productive soils, agriculture security protection, and predominantly agricultural uses. The Township uses a sliding scale controlling the number of lots or dwellings allowed per acre. For example, two residences are permitted on 5 acres or less with a minimum lot area of 1 acre. Six residences are permitted on 25 acres or more. For parcels of land greater than 60 acres, the total property area represented by lots/dwellings permitted shall not exceed ten percent of the total property area at the time of initial property subdivision or development. The Halifax Township proposed zoning ordinance requires the minimum lot area of 50 acres and the maximum lot area for a non-farm or single residence being 1 acre. Coverage requirements allows only 10% for any building, structure or impervious surface.

Conservation District

Upper Paxton Township has developed specific purposes for the conservation district. The Conservation District regulations are intended to achieve the protection of woodlands, water supply sources, flood plains and stream channels, scenic areas, wildlife habitats, areas of excessive slopes, and other environmentally sensitive areas from unsuitable development activities. The specific purposes of this Article are as follows:

- A. To promote the goals and objectives of the Upper Paxton Township Comprehensive Plan, which relate to preserving and protecting environmentally sensitive areas.

- B. To promote the public health, safety and welfare by the protection of such areas and by encouraging the retention of open space located and designed so as to constitute a harmonious and appropriate part of the physical development of Upper Paxton Township.
- C. To permit only those uses of slope areas which are compatible with the conservation of natural conditions and which maintain stable soil conditions by:
 - 1. Minimizing disturbances to trees and other vegetative ground covers.
 - 2. Restricting the grading of slope areas.
 - 3. Encouraging construction of structures which blend with the natural terrain/environment.
 - 4. Encouraging development on the most level and buildable portions of slope areas.
- D. To limit soil erosion and the resultant destruction of the land, siltation of streams and damage to property and individuals.
- E. To protect low-lying areas from flooding by limiting the increase in stormwater runoff caused by grading of sloped areas, changes of ground cover, or the erection of structures.
- F. To maintain the ecological integrity and habitat values of such areas, i.e., indigenous vegetation and wildlife, which could be adversely affected by otherwise permitted disturbances.
- G. To allow the continuing replenishment of groundwater resources and the maintenance of springs.

The Conservation (C) District is established to protect Halifax Township's most environmentally sensitive areas and provide a regulatory mechanism through which development can occur with minimal environmental impact. This zoning district is applied to lands that have significant limitations to development based on their physiographic, geologic, hydrologic soil, slope, and vegetative characteristics. The district is intended to implement policies established in the Halifax Township Comprehensive Plan by: (1) discouraging high intensity land uses in sensitive areas; and (2) encouraging natural resource protection and conservation. The Conservation District is based on studies found in the Comprehensive Plan. The district identifies sensitive lands and distinguishes them from other areas appropriate for farming and residential and non-residential development. Because of the sensitive nature of the river and its coastal properties, density requirements are regulated to be lower than other districts. The minimum lot size is dependant upon slope, yard requirements and infrastructure location. The slope of the land determines the

required lot size. The conservation district has development standards which require:

- buildable area on a grading plan
- buildable area must be an area equal to at least 20% of the required minimum lot size
- tree preservation
- prohibited development on slopes of 25% or over
- maximum percentage of grading requirements
- soil erosion and sedimentation control plan, soils and geology report, grading and drainage plan and a vegetation plan.

Low-density Residential District

Upper Paxton Township has a Suburban Residential District located within the river corridor (see Map 11). The Residential Suburban district intends to provide reasonable standards for the orderly expansion of suburban-type residential development to prevent the overcrowding of land, to exclude activities of a commercial or industrial nature which are incompatible with residential development. This district permits agricultural uses, single-family detached dwellings, manufactured dwellings, churches, schools, parks, libraries, hospitals, health services and daycare establishments. Accessory uses and home occupations are also permitted. The minimum lot size required is 1 acre or 12,000 square feet if public sewer and water is provided.

The Halifax Township proposed Zoning Ordinance allows for two low density residential districts to exist within the river corridor. One, the Agricultural-Residential District intends to provide area for rural residential development that will have limited impact on agricultural lands. The district is located near existing concentrations of residential development as identified in the Township Comprehensive Plan. Future low density residential development is encouraged for these areas. Due to the limited availability of community facilities, single lot and low density subdivisions are anticipated in these areas. The Agriculture-Residential (A-R) District is located adjacent to active agriculture areas. However, only select agricultural uses are encouraged because of the districts residential orientation and smaller lots which are less desirable for farming. The regulatory mechanisms for this district are designed to protect and stabilize these essential development characteristics and to permit high quality rural development among high intensity agriculture uses. The A-R District generally permits agricultural services, Bed and Breakfast, stables, churches, community center, greenhouse, care facilities, mobile home and single-family dwellings, utilities, farm operations, kennels, nursery, convalescent home, parks and infrastructure district permits single-family detached dwellings, manufactured dwellings, bed and breakfasts, cemeteries, churches, utilities, agriculture, nature and wildlife preserves and other similar accessory uses. The minimum lot area is proposed for 1 acre or 20,000 square feet if public sewer and water are provided. Development is subject to floodplain and environmental protection standards if the site lies within the designated protected areas. Two, the Low Density Residential is established to provide area for low density rural

residential development. The district is located near existing concentrations of low density residential development and planned areas of growth as identified in the Township Comprehensive Plan. Future low density residential development is encouraged for these areas. Due to the limited availability of community facilities, single lot and low density subdivisions are anticipated in these areas unless service is provided. Only residential uses are encouraged because of the presence of existing suburban residential uses on smaller lots. The regulatory mechanisms for this district are designed to protect and stabilize these essential development characteristics and promote and encourage high quality low density residential development.

Commercial District

A limited amount of commercial activity is permitted in the river corridor in Upper Paxton Township. The Township Ordinance has designed this district to provide reasonable standards for the development of a variety of commercially-oriented uses in areas where such already exist and where, due to the character of the undeveloped land, the establishment of such uses is feasible.

Residential Medium Density District

The Residential-Medium Density (R-2) District provides areas for single family residential development at medium densities. The district is located in areas currently served and/or more suitable for expansion of future public sewer and water service as identified in the Halifax Township Comprehensive Plan. Single lot developments or subdivision of low and medium density are anticipated when appropriate public facilities are available. The regulatory mechanisms in this district are designed to encourage a mix of residential uses, protect and maintain residential development characteristics, and promote well designed residential neighborhoods. The medium density generally permits: apartments, boarding house, cemetery and church, community center, day care and nursing facilities, various mixed dwelling types, infrastructure, utilities, recreation.

Industrial District

The Industrial District (I) is established to provide suitable development opportunities for low intensity assembly, fabrication, processing, distribution, warehousing, and agricultural related industrial uses. The district provides for a broad range of light-industrial uses and new employment opportunities. The District will maximize industrial potential and ensure compatibility with surrounding districts and uses. The (I) District is located near existing industrial uses, rail service, areas planned for public sewer service and areas with available public water service. Due to the availability of public services, a limited variety of industrial uses are anticipated. Industrial development with environmentally conscious site design and safe highway access are encouraged. The regulations for this district are intended to promote high quality development projects in keeping with Township design and performance standards.

The zoning purpose information noted above is taken directly from the Upper Paxton Township Zoning Ordinance and the Proposed Halifax Township Zoning Ordinance. Any information concerning Halifax Township may be subject to change pending the approval/disapproval of the proposed ordinance.

Reed Township, Halifax Township, Millersburg Borough and Halifax Borough currently do not have zoning controls. The future of these municipalities relies on the limited subdivision and floodplain regulations enforced for each municipality. Developers have the freedom to impose unwanted or ill-prepared improvements to land in these municipalities. Reed Township currently is initiating comprehensive planning and may eventually decide that it will be necessary to develop zoning controls on future development.

The Boroughs of Halifax and Millersburg own and maintain the riverfront property and have retained this area for public recreation. It is very possible that the future of the Susquehanna River corridor will remain intact through existing conservation efforts. Reed Township's coastal area sits on extreme steep slopes and development within this area of the river corridor is unlikely.

I. Archeological, Historical, and Cultural Resources

The Susquehanna River is a dominant focal point and is rich in historical and cultural features. The entire river stretches 444 miles from Otsego Lake in New York to the Chesapeake Bay. The Susquehanna River is the largest drainage basin that flows into the Chesapeake Bay and the most productive estuary in the United States. The Susquehanna River gets its name from the Susquehannock Indians which means "long and crooked". The Upper Dauphin County region was traveled as early as 1608 by Captain John Smith. The river has limited transportation uses due to its shallow depth. However, in the 1800's, canals were constructed to "stimulate internal improvements for domestic commerce".¹

Historic buildings, structures and sites are scattered throughout the study area with a majority being concentrated in the Boroughs. Although there are no structures noted in the National Register of Historic Places as of August, 1996, there are many structures which may have historic or cultural qualities but do not meet the 50 year cut-off for historic registry. The Pennsylvania Historic and Museum Commission was consulted to determine if any archeological or historic building structures or landmarks are located within the River Corridor (see appendix III). The PHMC response letter indicated there were no individual building structures or archaeological findings found in the River Corridor. However, if projects contained in this plan are implemented, PHMC should be consulted at that time.

There may be other historic structures related to historic and/or cultural events or activities yet to be identified. The Millersburg Ferry has been in existence for an unknown period of time, however, it's service dates back to 1817. The ferry is the last ferry in operation on the Susquehanna River, and the last wooden stern paddlewheel ferry in the country. Additional information about the ferry can be obtained from the Millersburg Ferry Boat Association. Millersburg Borough was founded in 1807 by Daniel and John Miller and was separated from Upper Paxton in 1850. It was the commercial center for trade of agricultural goods and coal. Millersburg is well known for having a small town closeness community atmosphere and has numerous annual events which area residents take advantage of.

¹Indian Arrows to Atoms

A railroad line was constructed in 1834 from Lykens to Millersburg to carry coal to the Lykens Valley Region. The Wiconisco Canal was constructed to carry coal south to Halifax and Clarks Ferry. The Wiconisco Canal was constructed in 1844 as a "feeder" canal to connect the Lykens Valley with the main line of the Pennsylvania Canal. The canal's focus was to transport coal and produce out of the valley and haul manufactured goods into the Valley. The great flood of 1889 destroyed much of the canal and was officially closed.² Remnants of the canal can be seen in Millersburg where the canal walls still exist. The canal has importance in a proposed project for Millersburg Borough. Pieces of an old coal barge still exist in the borough as well. Transportation in the region historically began with the construction of the Lykens Valley Railroad which stretched westward towards the Susquehanna River. The North Central Railroad ran north along the Susquehanna through Halifax, Millersburg and Upper Paxton. The construction of roadways decreased the useage of the railroads and with coming of the great depression most coal operations closed as well.

Clemson and Haldeman's Islands are known for its indian settlement in the early 1700's. Haldeman's Island was specifically used as a governmental council meeting site.

Halifax was founded in 1794 and the Township was incorporated in 1803. Much of the Townships history stems from the town of Halifax which is now the Borough. The Borough was officially incorporated in 1875. Halifax, much like Millersburg, resides along the river and eventually built itself inland. The lots are typical of the time period and were much smaller than most lots subdivided today. Public services such as sewer and water first existed in the Borough. Today the services have extended into Halifax Township.

J. Resource Findings

The Susquehanna River Corridor's natural features, existing land uses, current and proposed zoning enforcement, and development trends have been described in the previous sections. The resource findings can be summarized as follows:

Natural Resource Features

The corridor has been naturally protected through the years, partially due to steep slopes and hydric soils existing along the coastline. The existing high quality of natural resources in the river corridor has spurred Dauphin County towards conservation planning at local and area wide levels. The County would like to retain the river's beauty by implementing future protection measures through education and preservation projects. The river corridor contains valuable forest lands, wetlands and prime agricultural soils, which under current zoning and/or lack of preservation regulation could be taken by development. Development and storm events have eroded river banks in some locations to the point where continuous stabilization measures are needed. Water quality in the Susquehanna River is protected by the Department of Environmental Protection. Future water quality may depend on

²Dauphin County Elements toward a 20th Century Pictorial History, GG Stoctay, 1971

preservation efforts such as stormwater management, buffer retention and zoning regulations within the river corridor. Regulating compatible land uses can keep water quality standards at a level acceptable to the state as well as the area's residents

Historic Resources

Historic relics, structures, and sites exist throughout the river corridor. Remnants of historic transportation modes that were abandoned still exist such as: the Wiconisco Canal built in the early 1800's, remnants can be found in parts of Millersburg and Upper Paxton and railroad lines can be seen along the river's coastline. Millersburg Borough is famous for the Millersburg Ferry and its riverfront park system. Protection of these sites is an issue of importance which can be dealt with at the local level through an active public education and participation process and through the development of land use restrictions in and adjacent to the river corridor.

Existing and Future Land Uses

Upper Paxton has commercial and residential land uses proposed in the River Corridor. The minimum lot size is one acre if no sewer is available. The commercial district permits large structures warehousing, hotels, motels, and schools which could create stormwater and erosion control problems for the river.

The permitted commercial land uses should be restricted to those compatible with river conservation goals and recommendations. (See page 4-2)

The low density residential and conservation districts in Upper Paxton Township do not promote open space development and the protection of natural features existing along the river. The Township Ordinance should use its zoning ordinance to help retain riparian buffer retention along the river and its floodplain areas.

Currently all the municipalities in the river corridor are permitted to construct single family dwellings with and minimal floodplain design controls with the exception of Upper Paxton Township which has stricter flood plain development standards. Local enforcement and regulation of simple conservation standards do not exist in the river corridor with the exception of limited floodplain management and hillside development standards in Upper Paxton Township. However, the proposed Halifax Zoning Ordinance is considering stricter regulations for environmentally sensitive areas.

Agricultural Resources

Agriculture is predominant land use in the Upper Dauphin County region. Many farmers are enrolled in the Agricultural Security Areas Program to protect their farming operations. The program exists to protect farmers from nuisance claims of adjacent or near-by residents or businesses. To increase preservation the state and county together have initiated an Agricultural Easement Purchase Program. Several properties in the region have sold their conservation easements to the state, one being located within the river corridor. There are several farm parcels listed as proposed properties for the easement purchase program. Farm land preservation in Upper Paxton Township is an important issue and is addressed in their zoning ordinance. The ordinance intends to limit the number of potential dwellings by

looking at the total farm site. The larger the farm parcel the smaller the number of dwelling units will be permitted.

Population Trends

Population trends and forecasting helps municipalities plan for future growth and development. Halifax and Upper Paxton Township have shown the greatest increases in population since 1970. This trend is predicted to continue into the year 2000 and possibly beyond. Halifax Township is predicted to have a higher rate of increase than any other municipality in the river corridor. Millersburg and Halifax Boroughs plus Reed Township have had stagnant population growth figures. Realistically the Boroughs are considered built out with little room for future development. Reed Township differs because it does have ample open space however it contains significant natural barriers for development which exist in the form of steep slopes, state owned lands, farmlands, and low-lying floodplain lands.

Existing recreational facilities and open space.

The river corridor properties, although mostly privately owned, are rich in woodlands and scenic beauty. Halifax and Millersburg Borough own and maintain riverfront parks. The state also owns a larger percentage of lands in Reed, Halifax, and Upper Paxton Townships including many of the islands. Haldeman Island in Reed Township is maintained as a sanctuary for the preservation of various species of migratory birds and wildlife and is agriculturally used to grow crops for feed for the island's inhabitants.

In summary, the river corridor has remained naturally beautiful and nearly untouched by development with the exception of older development in Halifax and Millersburg Boroughs and scattered seasonal and year-round residential dwellings. The vegetative cover, woodlands, wetlands, and historical character are very significant and worthy of additional protection measures. The time to initiate land use preservation education, and the development of preservation standards in the river corridor has come, and the county hopes the Susquehanna River Conservation Plan will be well received by its local residents, business community and tourists.

SECTION 3. ISSUES AND CONCERNS

A. Current and Future Issues and Concerns

Municipal issues and concerns were surveyed in letters and two public workshops to discover the real problems concerning river conservation and the preservation of the coastal land areas existing in the corridor. These issues were tabulated and projects were developed to address them. A listing of the primary issues is shown below, however, each municipality had specific issues and concerns that are later discussed in detail. Although each municipality was addressed separately, there were several projects which were regional and would take a cooperative effort to complete.

SUSQUEHANNA RIVER CONSERVATION ISSUES AND CONCERNS MATRIX

ISSUES	CONCERNS
Floodplain Development	no control over development location
Water Quality	stormwater, nitrate and coliform contaminant levels, public health and safety
Erosion and Stormwater runoff	uncontrolled erosion of river banks from storms or development
Economic Opportunity	lack of promotion and river utilization
Tourism	creation of non-residential attractions
Natural view shed preservation	structure and park maintenance and rehabilitation
Recreation	lack of recreation opportunity and development and regional parks planning
Land Conversions	undisturbed or agricultural lands converts to residential or commercial
Urbanization	residential and commercial development
Local Planning	lack of: floodplain management, buffer zone development stormwater runoff and stream bank stabilization regulation
Regional Planning	regional conservation planning
	open space preservation
Loss of Natural Buffers	riparian buffer development
Education	conservation promotion
	river corridor preservation
	community recreation importance

	buffer creation and or retention
Riverbank Stabilization	lack of development restraints, uncontrolled erosion, silt buildup
Regional Recreational Planning	public support, lack of funds
Public Access	limited access, too many unofficial temporary and ill-managed access points, public health and safety
Protection of ecologically sensitive areas or pathways	uncontrolled development is affecting or has eliminated these areas
Rail Line Abandonment	lack accessible funds for purchase

B. Project Development

Each affected municipality surveyed was personally contacted to help uncover river conservation concerns. A questionnaire was developed for each municipality to complete and comment on. The form (see Appendix I) asked each municipality about the issues they have concerning their riverfront and adjacent environmentally sensitive land and the projects related to the issues of concern. Each municipality responded as follows:

Halifax Township

Halifax Township has expressed its concerns for increased park and recreation and river conservation promotion. Through a survey and a personal municipal interview, the main issues of concern were:

Issues: Halifax Township issues of importance are river bank stabilization, regional recreation, and natural buffer retention. The lack of land development standards for stormwater runoff and erosion control, public support and funding for recreational projects are problems to be solved.

Project(s): Halifax Township has various concerns related to uncontrolled growth in the Township along the Susquehanna River. Halifax would like to develop a new park located along the Susquehanna consuming properties to the north and south of the Armstrong Creek. The properties acquired consume approximately 100 acres. The Township would like to promote river conservation through stream corridor protection, stream bank stabilization, erosion control and increased recreational opportunities such as a new park with greenway linkage opportunities.

Halifax Borough

Halifax Borough owns the entire waterfront property west of Front Street. Halifax Borough takes pride in its riverfront property and allows the public unlimited access. However, public abuse and mismanagement has degraded the property in several park locations. The lack of funding resources, public support, and local enforcement are reasons why the park has degraded. The Borough would like to initiate clean-up projects as well as park development projects.

Issues: The borough's issues of importance are: riverfront cleanup, linear park development, establishment of a safe public accessibility and stream bank stabilization.

Project(s): The Borough wishes to improve the riverfront by developing a Riverfront Park plan which would permit passive and active recreation and create economic opportunities for the Borough as well as private entrepreneurs. The plan should include short and long-term ideas for program development and projects should be prioritized. Projects suggested are: clean-up projects, trail design and construction lighting, park furniture (picnic tables and benches), active and passive recreation options, scenic garden areas or focal points, locations for a public access, boat slips, and park management and maintenance options.

Millersburg Borough

The riverfront in Millersburg Borough has historically held a special place in the hearts of many area residents. Annual festivals, fairs, picnics, and recreational events have taken place in Millersburg's riverfront park and the Myo park for over a century. Storm and flooding events have caused stream bank erosion in some areas along the Susquehanna River and the Wiconisco Creek. Erosion and silt buildup are recurring problems which the borough faces annually. The 1996 winter storms caused substantial damage to the Myo Park, just south of Riverfront Park. The Borough plans to address these issues by proposing the Millersburg Park Beautification Plan.

Issues: Millersburg Boroughs issues of importance are erosion and sedimentation, stream bank stabilization, park and recreation opportunities, park facilities repair and maintenance, and project funding.

Project(s): 1. The Borough would like to initiate a long-range park plan. The plan should include short and long term goals and prioritized recreational and maintenance projects. focal points development for both parks; design and construction of a riverfront trail and public accessibility opportunities (possibly at Center Street).

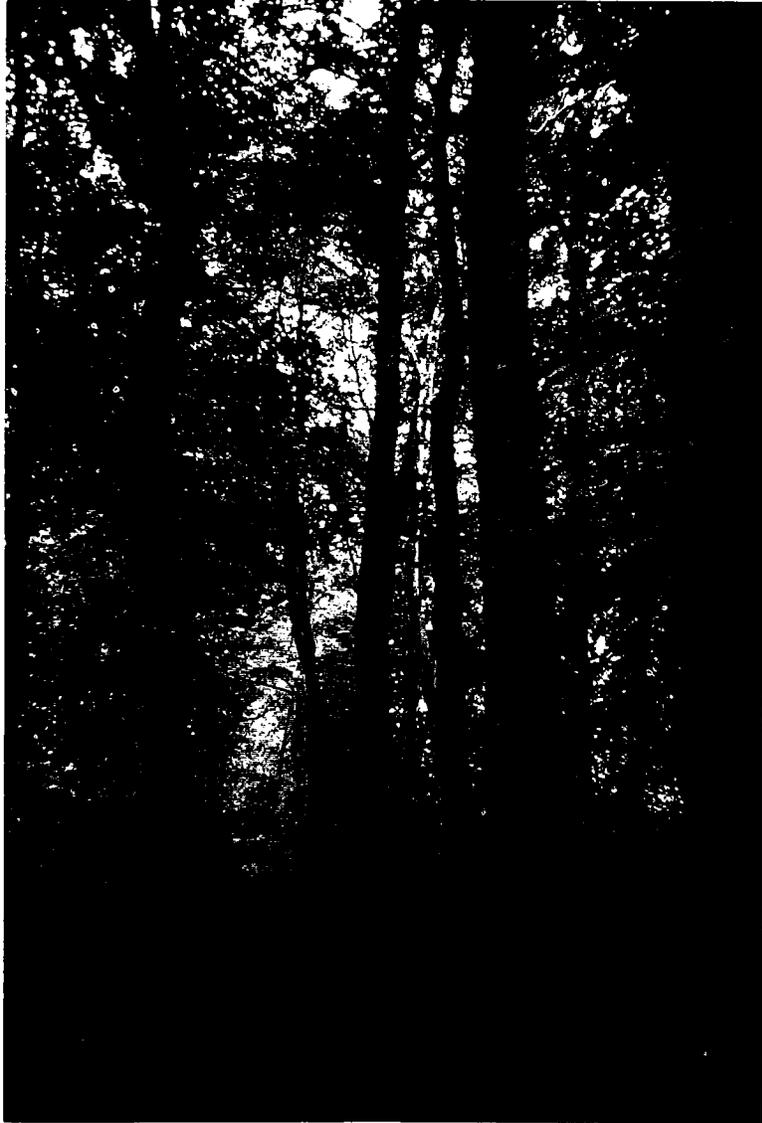
TALL TIMBERS TRAIL



TALL TIMBERS TRAIL



TALL TIMBERS TRAIL



TALL TIMBERS TRAIL



Another potential project the Borough should also consider, is the promotion and continuation of the trail referred to locally as the towpath. 2. The Borough would like to study its storm water and erosion problems. The study should include: removal of an old coal barge, which collects storm debris and creates silt build-up downstream, stream bank stabilization at Riverfront Park, Myo Park and at the mouth of the Wiconisco Creek; and silt bar cleanup. 3. The Millersburg Ferry Boat Association proposes to stabilize its landing area by constructing a new landing access area with new signage and maintenance programming. The maintenance programming should include the landing area, the ferry wall, and boat and property maintenance projects.

The towpath trail was initiated by an area resident who, through the assistance of family and other community residents, have established short walking trail located in the borough near the Myo park. The trail is located between the river and the abandoned canal and is estimated to be over 6,000 linear feet long. The trail begins and ends at the Myo Park. The trail can be expanded another 1,800 feet on the southern end of the existing loop. The extended trail would continue south between the Susquehanna River and the canal then turn east crossing the canal. The trail would return north to join with the existing loop on the eastern side of the canal. A long term goal of the trail is to refurbish the canal by diverting water from the Wiconisco Creek for area residents to fish and ice skate. The trail has been unofficially referred to as the "Tall Timbers Trail" and has received local press publicity (See Appendix V).

Regional Project Proposals

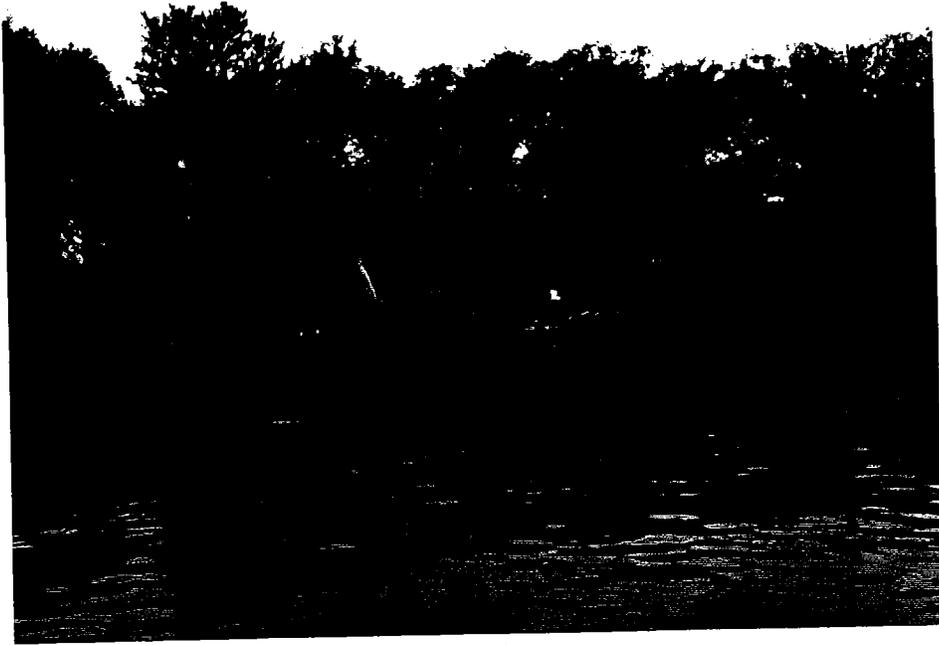
The Susquehanna River Conservation Plan created interest in area conservation groups. The planning process addressed a need for regional and intermunicipal projects. Projects discussed at public workshop meetings are: Island trails development, public access development, regional riverside greenway regional conservation planning and riparian forest buffer development. The greenway discussed could include a majority of the municipalities in the river corridor (See Map 12, 13 & 14).

Issues: Regional issues of importance are: regional recreation planning and opportunity development, uncontrolled non-regulated development, area wide development pressures, and regional and municipal conservation planning efforts for floodplains storm water management, and streambank stabilization, buffer zone education, zoning, subdivision, and open space or greenspace planning.

Projects:

1. Susquehanna River Island Trail

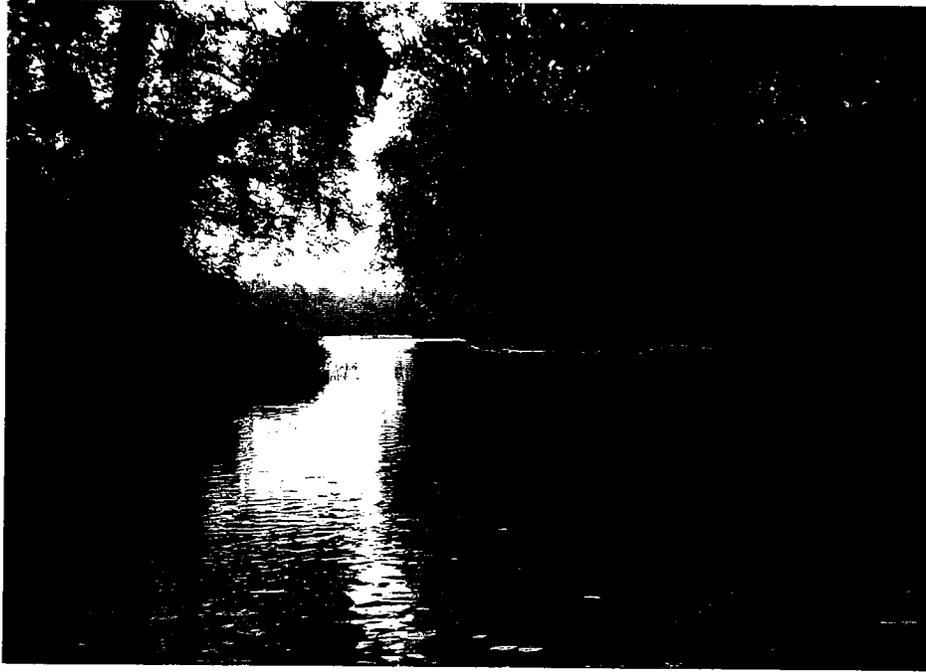
SUSQUEHANNA RIVER ISLANDS TRAIL



SUSQUEHANNA RIVER ISLANDS TRAIL



SUSQUEHANNA RIVER ISLANDS TRAIL



The Alliance for the Chesapeake Bay has proposed a water trail for the islands located within the study corridor. The Alliance formally agreed to support the project and its mission to study the feasibility of an island trail in the Susquehanna River.

Issues: The issues of importance are: missed recreational opportunities, lack of formal management of the river islands, lack of river awareness, and the lack of river access. These issues are addressed in a letter located in Appendix II.

Project: The Alliance for the Chesapeake Bay proposes to provide passive recreation opportunities for camping and non-motorized boating excursions for tourists and residents alike. Commercial/retail business could benefit from the water trail users for food supplies at designated shopping areas along the trail.

The modern water trail is defined as a recreational waterway on a lake, river, or ocean between specific points and day use and/or camping sites for the boating public (Getchell 1995). Overall, the project creates a new recreational opportunity for area residents and promote river awareness and conservation of its natural resources. The alliance proposes to continue the trail south to City Island in Harrisburg.

2. Regional Greenway Development

Public and municipal officials involved in the development of the Susquehanna River Conservation Plan feel a riverside greenway could provide a source of new recreation opportunities and provide linkages between the municipalities in the river corridor. The natural beauty of the river remains a mystery to most of Dauphin County residents. The river's natural beauty can be seen from the river looking landward. Access to the river is mostly through private property making the river less reachable for many area residents. A riverside greenway would provide the opening needed to invite the public to view the river and its natural beauty.

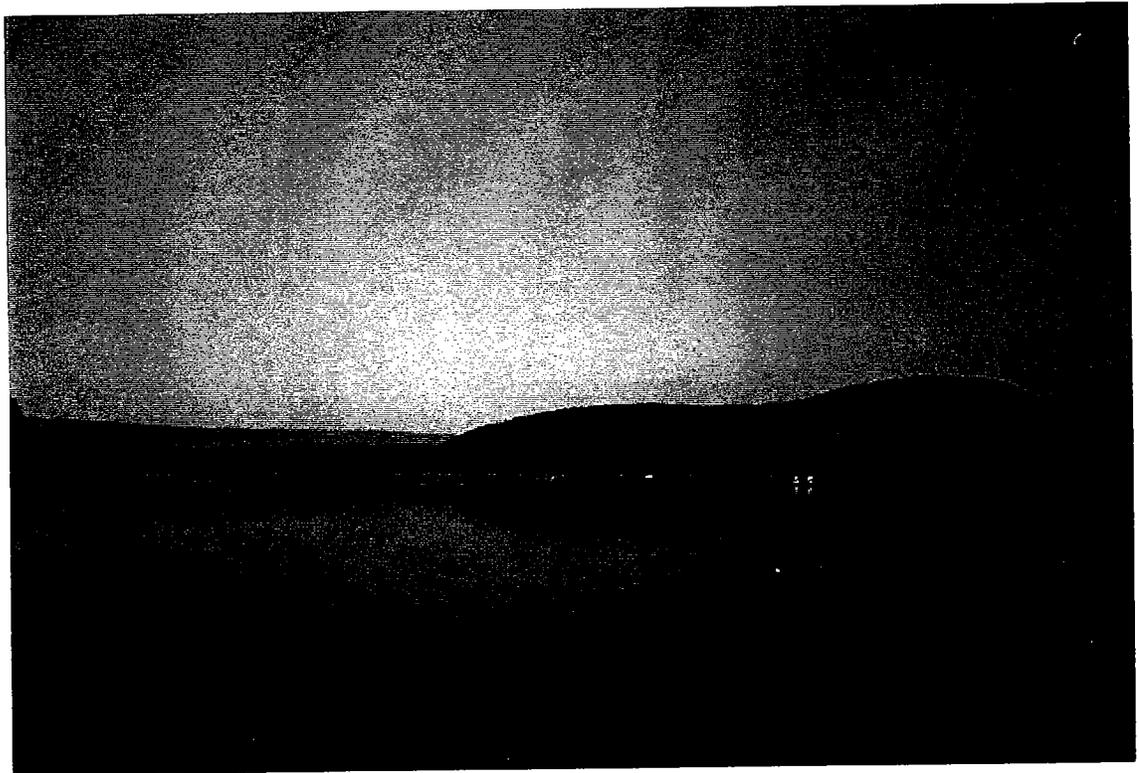
Issue: Regional issues of importance include: natural and cultural resources, land use issues, municipal issues, greenway fundability and management, and regional, and regional and intermunicipal conservation and recreation planning. Private land ownership and development in and along the river corridor is the primary cause of erosion and storm water problems. Considering that over 95 percent of the lands within the river corridor are privately owned, amazingly enough, development pressures have not taken over in the river corridor in Upper Dauphin County. The natural untouched vegetative riverside still exists and has become a greater priority to area residents. Greenway development and river access projects will involve private land ownership, maintenance and safety issues.

Project: A riverside greenway plan is proposed to create new recreational opportunities, viewsheds, and economic opportunities for areawide residents, tourists, and nature groups. The proposed greenway plan should consider all possible linkages with the riverside parks in the river corridor such as the Halifax and Millersburg Boroughs riverfront parks and could encompass approximately 12 to 13 linear miles. The greenway plan study should include an inventory of the areas containing impressive focal points, viewsheds, historic resources, area attractions, environmentally sensitive areas and characteristics, notable flora and fauna, significant wildlife and plant life, and any notable habitat communities. The plan should also include acquisition issues, development opportunities, and an inventory of all affected property owners. All impacted municipalities and property owners should be contacted to participate in the planning process. Project development will depend upon public participation for the support and cooperation that and intermunicipal project such as a greenway would take.

One of the greatest advantages of creating the Susquehanna Riverside Greenway would be the guarantee of retaining the high quality of life that exists along the Susquehanna River for future generations. In *Greenways, A Guide to Planning, Design and Development*, the advantages of greenways have been summarized as follows:

- First, greenways offer a way to preserve vital habitat corridors and to promote plant and animal species diversity. A greenway can also serve as a critical filtering zone: its wetlands can absorb contaminants on surface runoff, and trees, shrubs, and cover vegetation along the corridor cleanse and replenish the air.
- In an increasingly urban nation, greenways provide much needed space for outdoor recreation and offer accessible alternatives to those who don't live near traditional parks. A greenway is ideally suited to such popular outdoor activities as jogging, walking, biking, fishing, and canoeing. Greenways link us to our communities and, by lessening our dependence on the automobile, can improve air quality and reduce road congestion.
- Greenways offer a way to protect our nation's cultural heritage. They give us access to buildings of historic and architectural significance in the community.
- Greenways offer ideal possibilities for joint-use partnership along corridors with sewer, utility, and fiberoptic lines and railroad interests.
- Greenways can help preserve the rural character of a community or safeguard areas of visual interest by protecting ridge lines, river corridors, and scenic resources. In rapidly urbanizing areas, a greenway offers visual relief; its wooded breaks can frame and distinguish neighborhoods in an otherwise undifferentiated urban sprawl. In the countryside, greenways can work with other programs that preserve farmland and expanses of scenic open spaces.
- Greenways are community amenities with an economic value. They enhance the quality of life and can increase the value of surrounding properties. Greenways have been shown to draw tourists and

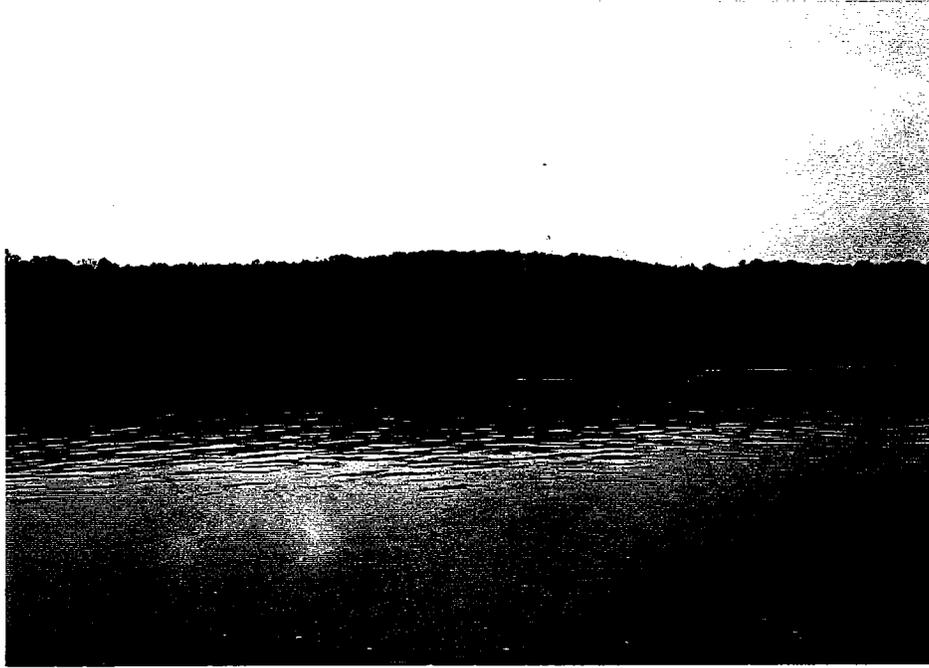
SUSQUEHANNA RIVERSIDE GREENWAY



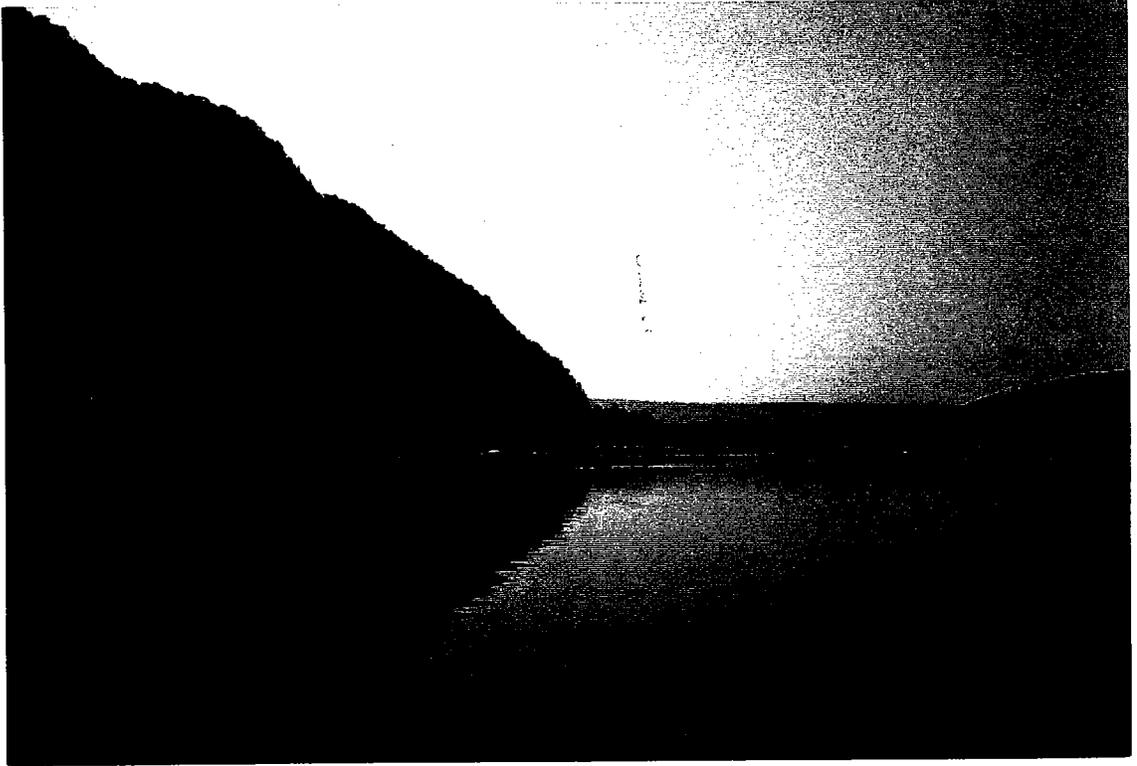
SUSQUEHANNA RIVERSIDE GREENWAY



SUSQUEHANNA RIVERSIDE GREENWAY



SUSQUEHANNA RIVERSIDE GREENWAY



have been the catalyst behind commercial development and the revitalization of former town centers. Greenways can be planned as elements of subdivision developments and can ultimately benefit home buyers and developers alike.¹

3. River Access Study

Issue: Public access is one of the most important issues discussed by the impacted municipalities. The lack of public access for area residents, hazardous temporary access points, and the lack of supervision has affected tourist or economic opportunities. The river corridor is approximately 20 miles and has just three access points. This issue has forced avid boaters to create or use unofficial, under-developed access points. Safety and private land issues remain a problem for local government officials.

Project: Develop river access study committee which would inventory potential public access sites and funding sources. This project could be considered to be a local or regional planning project.

Addressing this issue would create increased recreational opportunities for other river corridor projects introduced in this plan. The riverside greenway relies on public access for trail usage. The islands trail is also dependent on public access for boat launching, obtaining food, camping and boating equipment, and other goods needed by trail users, parking, and boat storage, loading, and docking purposes.

4. Riparian Forest Buffer Development

The streambanks of the Susquehanna River that experience extreme erosion can be revitalized by the installation of a riparian forest buffer. Riparian refers to the area of land adjacent to a body of water. Riparian areas form the transition between the aquatic and the terrestrial environment. Riparian forests offer a tremendous diversity of habitat. Forested corridors provide crucial migratory paths for various bird and fish species and other ecologically important species.

The benefits of a riparian forest are:

- Filtering runoff
- Nutrient uptake
- Canopy and shade
- Leaf food protection
- Stream and habitat retention

¹Swatara Creek Greenway Study, April 1996, Dauphin County Parks and Recreation Department.

The concept behind a riparian buffer project is to put the natural benefits and functions of riparian areas to work in nonpoint pollution control.

5. Regional and Municipal Conservation Planning

The Upper Dauphin area's residential and commercial growth has virtually developed in an uncontrolled and unregulated manner. Fortunately, development has predominantly occurred where services such as public sewer and water are located. The plan recommends the region adopt a River Conservation Zone (see Map 14) for the land area along the Susquehanna River Corridor as well as a River Corridor Study Committee to promote and implement projects in the zone. Currently this area has limited regulation developed by the Federal Emergency Management Agency Floodplain Regulations. The River Conservation Zone should be incorporated into the Tri-County Regional Growth Management Plan currently being developed. Education and regulation for and about river conservation is an issue to be addressed by the region's municipalities.

The River Conservation Zone may involve municipal or intermunicipal education and regulation development which may include planning projects such as: Floodplain Management; Buffer Zone Development; Erosion and Sedimentation Control including streambank stabilization requirements; Open Space Preservation; Farmland Preservation; River Corridor Ordinance to recommend permitted uses, lot sizes and site design; Area-wide Open Space; Agriculture Preservation and Greenway Educational Workshops.

C. Prioritized Issues

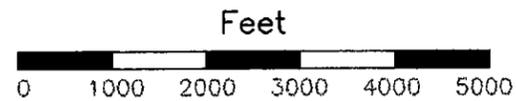
Project stakeholders identified and rated the issues of most importance and the related projects. Participants were asked to rate the issues. The results of the exercise were tabulated and prioritized as follows:

1. Regional, Intermunicipal and Local Planning
2. River Conservation Education and Promotion
3. Loss of Natural Buffers
4. Regional Recreation and Park Development
5. Erosion and Stormwater Runoff
6. Water Quality

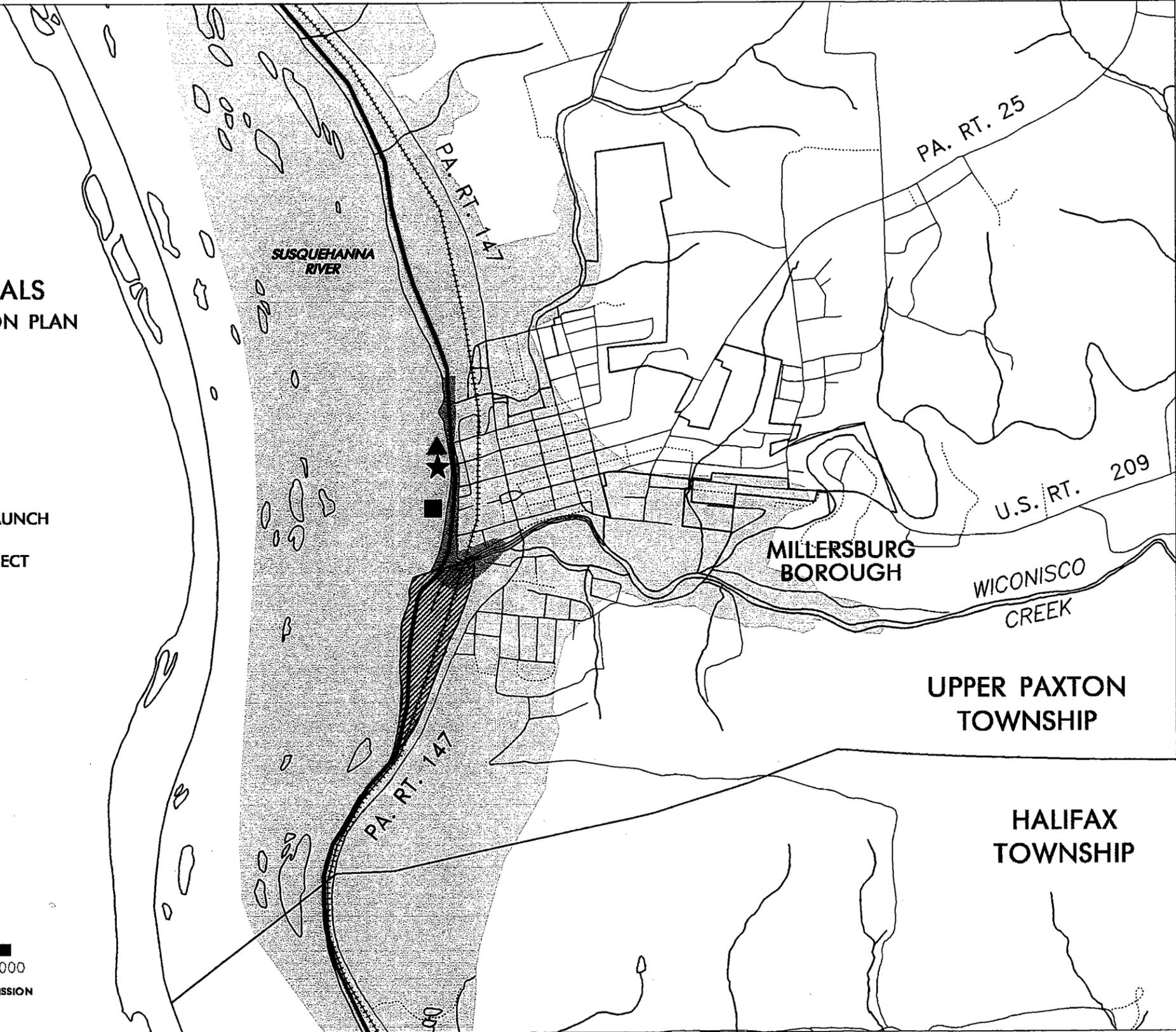
The projects discussed in this section relate to the important issues above and have been organized to reflect the prioritized issues.

MAP 12
LOCAL PROJECT PROPOSALS
SUSQUEHANNA RIVER CONSERVATION PLAN

-  RIVER CORRIDOR
-  STREAM BANK STABILIZATION
-  TALL TIMBERS TRAIL PROJECT
-  MILLERSBURG FERRY BOAT LAUNCH
-  COAL BARGE REMOVAL PROJECT
-  PUBLIC ACCESS POINT
-  RIVERSIDE GREENWAY



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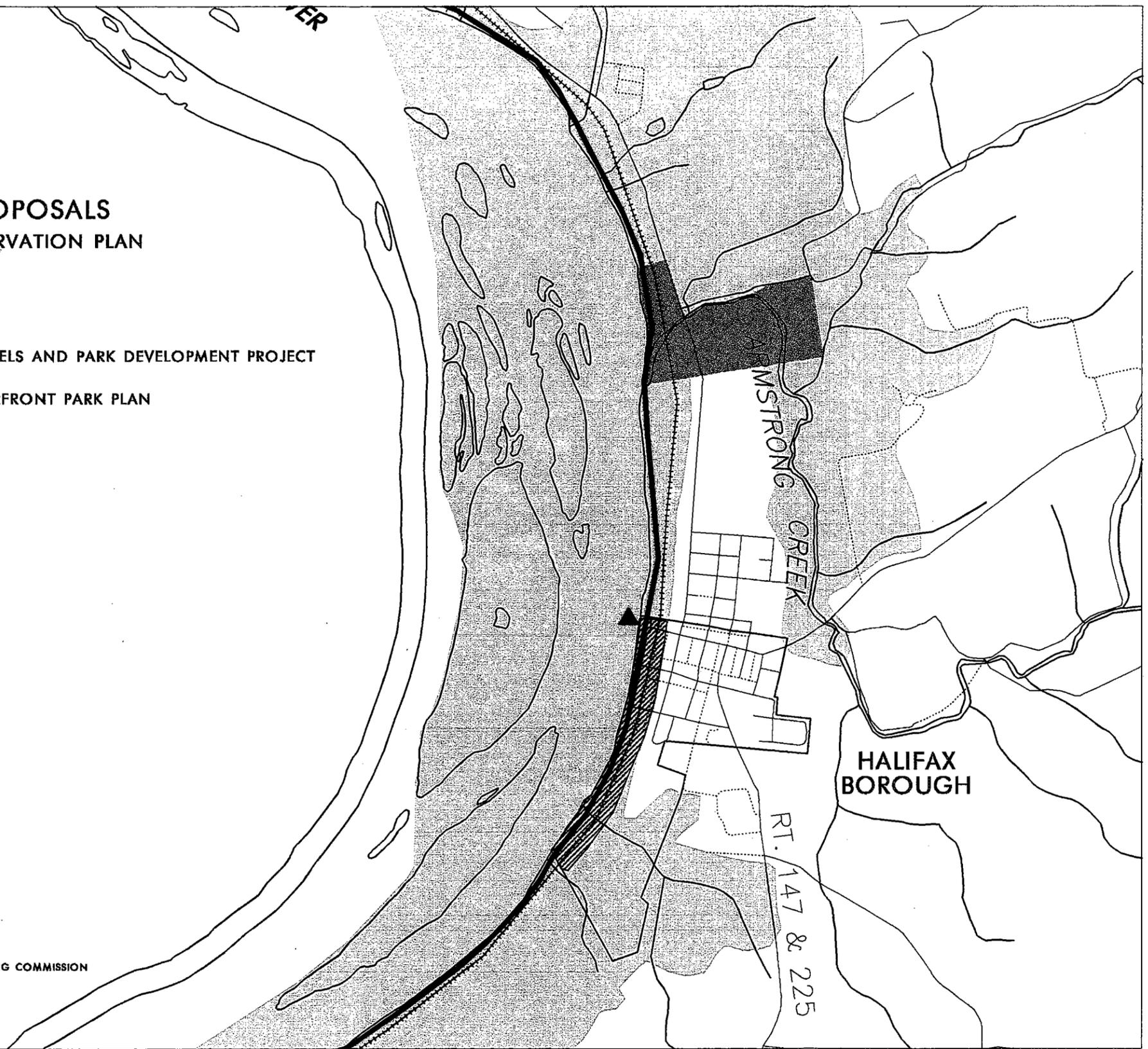


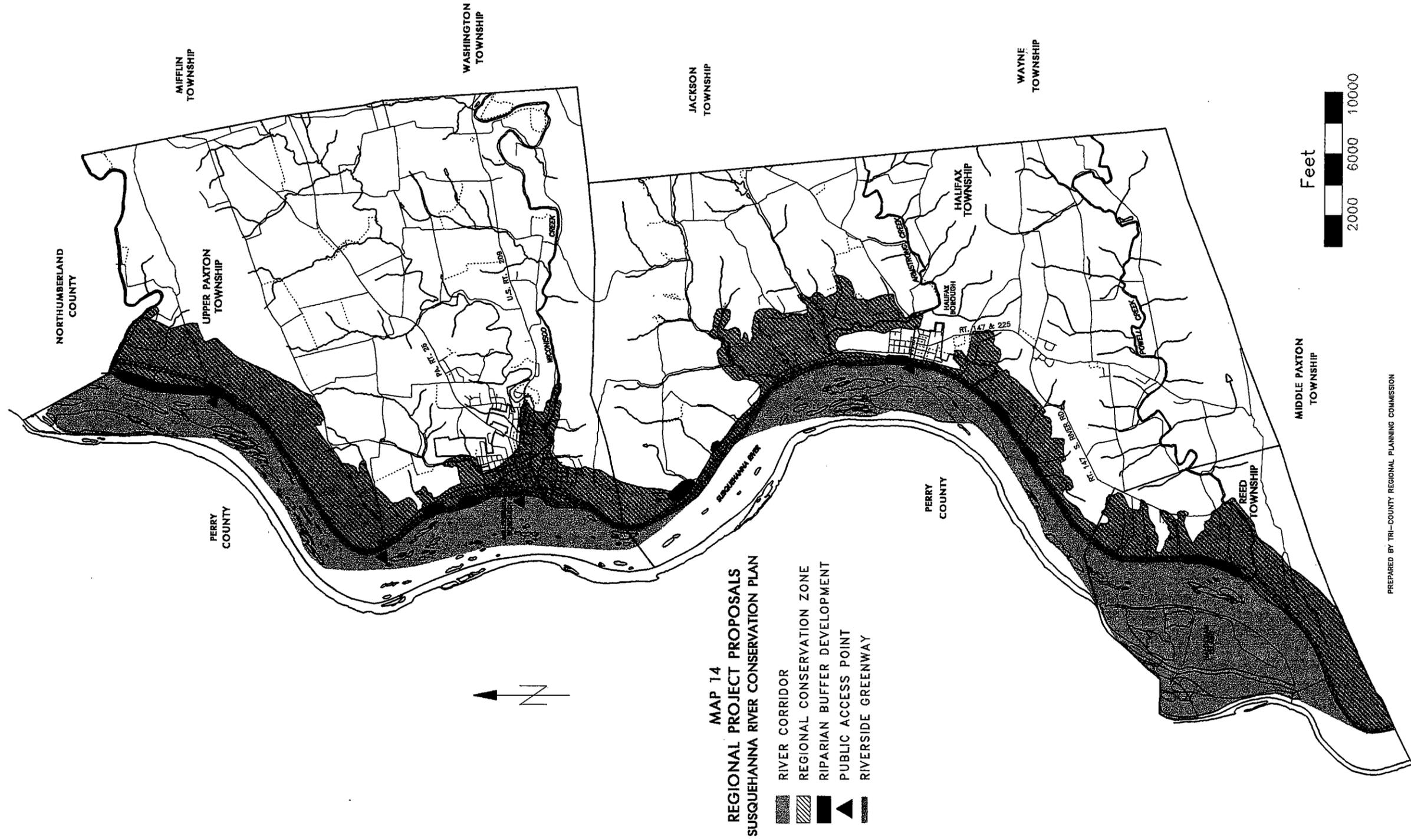
MAP 13
LOCAL PROJECT PROPOSALS
SUSQUEHANNA RIVER CONSERVATION PLAN

-  RIVER CORRIDOR
-  LAND ACQUISITION PARCELS AND PARK DEVELOPMENT PROJECT
-  HALIFAX BOROUGH RIVERFRONT PARK PLAN
-  PUBLIC ACCESS POINT
-  RIVERSIDE GREENWAY



PREPARED BY TRI-COUNTY REGIONAL PLANNING COMMISSION





MAP 14
 REGIONAL PROJECT PROPOSALS
 SUSQUEHANNA RIVER CONSERVATION PLAN

- RIVER CORRIDOR
- ▨ REGIONAL CONSERVATION ZONE
- RIPARIAN BUFFER DEVELOPMENT
- ▲ PUBLIC ACCESS POINT
- RIVERSIDE GREENWAY

PREPARED BY TRI-COUNTY REGIONAL PLANNING COMMISSION

SECTION 4. GOALS AND RECOMMENDATIONS

In order to create a practical and effective conservation plan for the river corridor, it is necessary to establish and articulate a list of acceptable goals. Failure to take this step and delineate these goals and recommendations could result in arbitrary or merely momentary decisions that are in contradiction to citizen values and desires. The issues were separated into local and regional issues. The local issues were prioritized by project supporters.

Goals and recommendations are defined in this section relate the issues of importance to the natural and physical aspects of the river corridor. Local decisions made concerning river conservation should reflect the goals and recommendations of this plan. This section establishes a framework for implementation and the guide for better conservation practices, planning and project decisions. This plan shall serve as a long-range guide which establishes goals and recommendations for the municipalities in the river corridor to utilize when evaluating development, local planning and other decisions related to river conservation planning.

Susquehanna River Conservation Plan Primary/Goal Statement

To preserve the natural and scenic beauty of the river corridor by providing; a plan for local and regional planning groups, increased accessibility, and opportunities for recreation and environmental education for river awareness and conservation to all local citizens and communities.

Recommendations

The following goals and recommendations are listed according to importance. The issues in Section 3 are prioritized in this section to reveal the topics of most importance. Public meeting discussions and worksheets helped give the plan a direction for future decisions for project implementation and management. This does not mean the lower priority objectives should not be acted on if the opportunity arises.

A. Regional, Intermunicipal and Local Planning

Goal: Each municipality should either independently or jointly strive to set standards for future development located in the environmentally sensitive areas designated in this plan.

Recommendation 1: The Susquehanna River Conservation Plan should be used as a guide for the development of conservation and recreation strategies and practices.

Recommendation 2: Incorporate local and county natural resource studies, natural

area inventories and protection regulations into local planning documents.

Recommendation 3: Minimize noise and pollution in the river corridor. Local businesses, tourism and recreation can be affected by noise and pollution.

Recommendation 4: Establish a consistency of planning documents to be compatible with adjacent municipal and county comprehensive planning. Adopt a regional growth management plan which manages development by setting growth boundaries and encourages open space planning and natural resource conservation.

Recommendation 5: Consistent development standards are encouraged throughout the river corridor for topics such as:

- Floodplain and watershed management
- Riparian buffer retention and development standards
- Capital improvements planning
- Nutrient management and farmland preservation
- Open space planning
- Agriculture preservation
- Stormwater management
- Tree planting
- Riparian buffer

Recommendation 6: Establish, where possible, joint planning commissions and ordinances to conserve resources on a regional level.

Recommendation 7: Rely on the Dauphin County Planning Commission for technical support for natural resource conservation, recreation planning, and regulation development. Local government should utilize the county's resources and its planning staff to assist in the creation of conservation planning and regulation development.

Recommendation 8: Local conservation efforts should consistently involve the private sector in local planning projects.

B. River Conservation Education and Promotion

Goal: Local activities, development proposals and events should focus on the education and promotion of river conservation.

Recommendation 1: Establish the importance of river conservation at the elementary and high school level. School boards are encouraged to update

curriculums to include natural resource education and protection.

Recommendation 2: Encourage developers to create site plans which show compatibility with the impacted environment. Train township officials and developers to recognize site plan deficiencies related to river conservation in their local ordinances. Projects to implement these objectives could include: regional and municipal regulation development, park and recreation development, community clean-up projects, newsletter development, and tourism development.

Recommendation 3: Encourage various types of commercial and retail activity to the uses which will be compatible with the recreation and tourism industry.

Recommendation 4: Each municipality should consider the establishment of Environmental Advisory Council.

Recommendation 5: Private companies, business groups, and other non-profit groups should be contacted to help in sponsoring events, and for volunteer efforts for planning and events promotions.

C. Loss of Natural Riparian Buffers

Goal: Promote natural buffer retention throughout the river corridor.

Recommendation 1: Local governments are encouraged to inventory existing significant natural areas and develop conservation regulations to protect them.

Recommendation 2: Local governments and planning commissions should attend educational seminars, programs or courses offered pertaining to natural buffer preservation (Riparian buffer development projects).

Recommendation 3: Educate local residents, businesses, industries, and developers on natural buffer retention through local newsletters and special municipal meetings.

D. Regional Recreation and Park Development

Goal: Create regional park facilities through local partnerships. Municipal government local businesses, nature conservancies or interest groups, watershed groups, county planning and parks departments, and state agencies are encouraged to work together to plan, finance, and maintain regional parks and recreation such as greenway development, land acquisition and island trails.

Recommendation 1: Local events (such as public meetings or community picnics or forums) should be held to generate interest in recreation planning.

Recommendation 2: Local government should attempt to influence the private sector to take part in regional recreation projects and fund raising drives.

Recommendation 3: The county should continue to support the regional projects in this plan either by technical and/or financial support.

Recommendation 4: Regional recreation projects should be promoted both recreationally and economically. Many of the regional projects recommended by this plan may spur tourism, new business ventures and/or increased sales in existing related businesses.

Recommendation 5: Create river awareness by publicizing the wide variety of activities the river has to offer and by providing additional public access, viewsheds and/or focal points. Develop activities involving river recreation and trail development for tourists, local businesses, governments and citizens to participate in.

Recommendation 6: Promote the stimulation of tourism opportunities through the local Chamber of Commerce(s), press releases, school district field trips and promotional materials.

Recommendation 7: Create a river recreation and conservation committee to oversee program development, recreational program activities, and events. The committee should include members of local school districts, area recreation departments, local merchants, nature conservancies, chamber of commerce members and local planning commissions and governments. This committee should oversee the implementation of this plan.

E. Erosion and Stormwater Runoff

Goal: Encourage local municipalities to become aware of the causes of erosion and runoff and the effects of stormwater management. The riverbanks of the Susquehanna and its tributaries within the river corridor are eroding in areas where development has taken place. Increased run-off velocities have contributed to water pollution by causing excessive soil erosion and sedimentation of the banks of the river and the tributaries leading to it.

Recommendation 1: Stormwater management standards should be drafted either locally or intermunicipally. Development within the river conservation zone should be regulated to a stricter degree.

Recommendation 2: Municipal planning should capitalize on the preservation of trees and other natural buffers to protect the river from runoff, sedimentation and silt buildup.

F. Water Quality

Goal: Protect the water quality of the Susquehanna River and its contributing tributaries.

Recommendation 1: Identify new or existing development which may be a contributor to poor water quality.

Recommendation 2: Develop remediation or viable solutions to reduce the amount of pollutants affecting the river such as:

- the proper treatment of industrial and sewage discharges
- reduction of air emissions that lead to acid rain
- implement proper erosion and sedimentation controls during construction
- proper waste disposal
- minimizing wetland impacts

Recommendation 3: Municipal government and residents should consider forming individual or regional Environmental Advisory Council(s) to assist local government decisions on land development or remediation of problem sites and to identify and help preserve environmentally sensitive areas.

Recommendation 4: Develop water quality protection standards for development..

Recommendation 5: The Dauphin County Parks and Recreation Department, and the Dauphin County Planning Commission and Dauphin County Conservation District are encouraged to work with local planning commissions, Environmental Advisory Councils (EAC) and watershed groups to complete common goals to protect their shared water resources.

SECTION 5. RIVER CORRIDOR MANAGEMENT

Upon completion of the Susquehanna River Conservation Plan, local municipalities may adopt the plan by resolution and complete a petition for river registry status. Municipal governments, non-profit organizations, conservation or watershed groups, county planning and recreation departments should use the Susquehanna River Conservation Plan to further their conservation goals and recommendations. The stakeholders, listed in this plan, each has the responsibility of ensuring that the rivers conservation program will be successful. The Department of Conservation and Natural Resources (DCNR) are potential funding and technical sources for the projects listed in this plan.

A. Plan Implementation

Management of the plan involves implementing the recommendations adopted by the impacted municipalities with continuous planning efforts of the local governments, conservation groups and county. The county planning commission has taken the first of many steps towards promoting rivers conservation. The issues of concern specifically address the problems of the region. The Dauphin County Planning Commission wishes to help support conservation planning by providing technical assistance to those municipalities who request it. The ways in which the county can support the plan will ultimately depend on the cooperation of the local private and public businesses, groups and government.

Public Responsibility

Local governments in the river corridor already have an ownership and management role along the Susquehanna River. Halifax and Millersburg Boroughs have assumed responsibility for the health, welfare and safety of the public by owning and maintaining municipal riverside parks. Halifax Township also proposes to acquire lands along the Susquehanna River for public use. This accepted role will help establish a management strategies for future river oriented projects.

Intermunicipal Authority

Those municipalities involved plan implementation of regional projects such as a riverside greenway, riparian buffer development, or the islands trail could overcome the limitations of any one township or borough, if the details of allocating budget commitments and differences in interest, capability and approach among the various municipalities could be addressed. Decisions on management strategy should be formed by the total interest group seeking project completion.

County Responsibility

Dauphin County Planning Commission plans to adopt the Susquehanna River Conservation Plan with intentions of playing a significant part in the future plan's implementation. The County is very interested in project development and management of the plan. Efforts towards regulation development for the corridor conservation zone discussed in the following matrix. The county can also take a large role in the technical, financial, and management assistance end in the development of intermunicipal projects such as the proposed riverside greenway. The Dauphin County Parks and Recreation Department should be considered an effective technical agency for regional park and recreation planning. County officials are sensitive to local concerns but would not be likely to initiate a greenway study unless supported by local officials. Regional projects involving municipal and intermunicipal planning are the projects most likely to be initiated by the county.

State Support

The state can play a major role in the implementation of the plan by offering the principal advantage of being unconstrained by the jurisdictional boundaries of townships and boroughs along the river corridor. The state would have the ability to promote and fund conservation project proposals to a greater extent by contributing financial and technical assistance for the development of municipal and regional studies and the passage of the Key 93 funding provisions for open space acquisition, greenway studies, and construction grants enhances the ability of state agencies to play a positive role in rivers conservation planning.

Local Private Cooperation

The private sector is a resource untapped by many conservation planning efforts. Events planning, sponsoring, volunteer efforts, and project promotion can be completed in cooperation with local government, county, and state efforts. This plan recommends the inclusion of all private local or regional businesses or groups to take part in the implementation of this plan.

B. Management Options

Management of the various projects, programs and conservation planning will involve public support and may take considerable time to develop. Intermunicipal cooperative relationships must be established in order to initiate many of the projects proposed. These partnerships will promote a higher degree of cooperation and public support.

An *Alternative Management Options Matrix* was developed for this plan to visually show the proposed projects identified in the goals and recommendations section. The recommendations developed in the matrix will help implement the plan by showing various solutions for each issue and the possible funding sources needed to complete the alternative selected. Cost estimates for some projects such as, park plans, and trail development projects are subject to change either in scope or price have not been included in the plan.

ALTERNATIVE MANAGEMENT OPTIONS MATRIX

River Conservation Projects and Issues	Implementation Recommendations	Potential Funding Sources
<p>Regional, Intermunicipal, and Local Planning</p> <ul style="list-style-type: none"> -Riverbank stabilization -Buffer zone or river corridor protection -Watershed protection -Stormwater Management -Floodplain management -Openspace preservation -Farmland preservation -Recreation Planning -Develop a river conservation zone and model regulations -Public Access Study 	<ul style="list-style-type: none"> - Develop a River Corridor Study Committee for Regional Conservation Planning - The planning Committee should address the priority conservation projects and implementation strategies. 	<ul style="list-style-type: none"> - Key 93 Grants(DCNR) -Non-point source Program (DCNR) -PA Stormwater Mgmt. Program (DCNR) -William Penn Foundation -Geraldine R. Dodge Foundation -Coastal Zone Management Grant Program (DCNR)
<p>Halifax Borough Riverfront Park Plan</p> <p style="padding-left: 40px;">Park Design and Construction Educational Programs</p> <p style="padding-left: 40px;">Park Management</p> <p style="padding-left: 40px;">Capitol Improvements Plan</p>	<p>Develop a short and long term park plan</p> <ul style="list-style-type: none"> - Initiate volunteer educational programs for residents and the local school district involving: <ul style="list-style-type: none"> - park and tourism promotion - community clean-up projects. - conservation projects and promotion. <p>Develop park management regulations for:</p> <ul style="list-style-type: none"> - park responsibilities - park maintenance - park programs <ul style="list-style-type: none"> - designate funding sources - annual updating and budgeting plan 	<ul style="list-style-type: none"> - Key 93 Grants (DCNR) - Environmental Education Grants (U.S. EPA) -Caterpillar Foundation -Geraldine R. Dodge Foundation - William Penn Foundation -PA Chesapeake Bay Program - PA Conservation Corps. (for voluntary services) -Surdna Foundation

River Conservation Projects and Issues	Implementation Recommendations	Potential Funding Sources
<p>Millersburg Borough Park Beautification Plan</p> <p>Millersburg Ferry Boat Association-</p> <ul style="list-style-type: none"> - Landing access design and construction - Boat and property maintenance programs - new ferry boat signs and promotional signs and materials <p>River Access Study</p> <p>Tall Timbers Trail Study "Tow Path"</p> <p>Storm Water and Erosion Sedimentation Control Study</p>	<ul style="list-style-type: none"> - Develop a park plan with long and short term goals and prioritized projects. - Construction Activities selected and completed - ferry wall maintenance - property and tree maintenance - new signs for promotion, direction and historic characteristics - Create a local committee for river access research and development. - Coordinate promotional efforts and design and construction funding. -Analyze the existing trail and its needs - Address erosion and sedimentation control problems including: <ul style="list-style-type: none"> - Stream Bank Stabilization - tree and property maintenance - riparian buffer construction - Coal Barge Removal 	<ul style="list-style-type: none"> - Municipal Challenge Grant (Dauphin County) - Land and Water Conservation Fund (U.S.Nat. Park Svs) -Coastal Zone Management Grant Program (DCNR) - CDBG (DCED) - Heritage Parks Program (DCNR) - PA Conservation Corps - PA Recreational Trails Program (DCNR) - Key 93 Grants (DCNR) -PA Transportation Enhancement Program (PADOT) -American Express Foundation -William Penn Foundation -Andy Warhol Foundation -Surdna Foundation
<p>Halifax Township Park Land Acquisition</p> <p>Park Plan Development</p> <p>Park Design and Construction Activities</p>	<ul style="list-style-type: none"> - Acquire designated park property. - Create a study committee - Prepare a park plan with immediate and long term goals and projects. - Implement the plan's priority projects. 	<ul style="list-style-type: none"> - Key 93 Grants (DCNR) - Land and Water Conservation Fund (U.S. Nat. Park Svs)

River Conservation Projects and Issues	Implementation Recommendations	Potential Funding Sources
<p>Initiate a River Corridor Study Involving the development of priority issues and projects including:</p> <p>Conservation Promotion and regulation</p> <p>Stormwater Management Study</p> <p>Water Quality Monitoring Program</p> <p>Public River Access Study</p>	<ul style="list-style-type: none"> - Committee Development - Develop a list of priority issues. - Develop partnerships with local municipal, public and private interest groups to promote projects and studies. - Partner with the County Conservation District and the Susquehanna River Basin Commission to help get a program started. - Create a study committee to locate potential access areas. Work with the PA Game Commission on development procedures 	<ul style="list-style-type: none"> - Key 93 Grants (DCNR) - Environmental Education Grant (U.S. EPA) - Nonpoint Source Program (DCNR) - PA Storm Water Mgmt. Program (DCNR) - William Penn Foundation - Surdna Foundation - William Penn Foundation
<p>Regional or Municipal Conservation Education</p>	<ul style="list-style-type: none"> - Recognize state or regional educational opportunities or municipal officials. - Organize the creation of municipal newsletters. - Initiate local or intermunicipal workshops on river corridor conservation topics. 	<ul style="list-style-type: none"> - PA Rails-to-Trails, Grant-In-Aid Program (DCNR) - Environmental Education Grant (U.S. EPA) - Geraldine R. Dodge Foundation - Municipal Challenge Grants (Dauphin County)

River Conservation Projects and Issues	Implementation Recommendations	Potential Funding Sources
<p>Riparian Buffer Development Study</p> <p>Buffer Construction</p> <p>Regulation Development</p>	<ul style="list-style-type: none"> - Utilize the River Corridor Study Committee to locate and designate potential sites. Develop model construction activity criteria for buffers. - Design and Construction of priority sites - Review current zoning to include increased design standards to conserve or replace riparian areas. 	<ul style="list-style-type: none"> - Alliance For Chesapeake Bay - Key 93 Grants (DCNR) - Municipal Challenge Grant (Dauphin County) - Various USDA Programs (i.e. - Conservation Reserve Program - Wetland Reserve Program (U.S. Dept. Of Agric.) - Forest Stewardship Program (U.S. Dept. of Agric) -Surdna Foundation - American Express Foundation - Caterpillar Foundation - William Penn Foundation - PA Chesapeake Bay Program
<p>Riverside Greenway Plan</p> <p>Plan Implementation</p>	<ul style="list-style-type: none"> - Study Committee should encourage project support of a linear multi-municipal greenway. - Identify fund raising and funding opportunities. - Implement the greenway plan's prioritized studies and construction activities. 	<ul style="list-style-type: none"> - Key 93 Grants (DCNR) - Municipal Challenge Grants (Dauphin County) - PA Recreational Trails Program (DCNR) - Land and Water Conservation Fund (U.S. Nat.Park Svs) - PA Rails to Trails Grant-in-Aid Program (DCNR) - Geraldine R. Dodge Foundation - William Penn Foundation - Surdna Foundation
<p>Alliance for Chesapeake Bay Susquehanna Island Water Trail</p> <p>Island Inventory Feasibility Study</p> <p>Construction activities and promotional mapping</p>	<ul style="list-style-type: none"> - Water trail association development. - Develop island management techniques and solicit voluntary efforts 	<ul style="list-style-type: none"> - Key 93 Grants (DCNR) - Land and Water Conservation Fund (U.S. Nat. Park Svs) - W.K. Kellogg Foundation - William Penn Foundation - Surdna Foundation - PA Recreational Trails Program (DCNR) - Claude Worthington - Benedrum Foundation

River Conservation Projects and Issues	Implementation Recommendations	Potential Funding Sources
Regulation development Water trail education and promotion		

The funding sources noted above may apply to other projects listed in the table.

Appendix I - Municipal Questionnaire

Susquehanna River Conservation Plan
Concerns Questionnaire

TOPIC OF CONCERN - RIVER CONSERVATION

1. What is the interest group's or municipality's greatest concerns when it applies to conservation along the Susquehanna River. Please prioritize them to the best of your ability.

ISSUE	CONCERN
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	

2. Discuss project needs with your group and list the projects here. They should relate to or resolve the prioritized issues and concerns stated above.

1. _____

2. _____

3. _____

4. _____

5. _____

To: Millersburg Borough
 Municipal Building
 101 West Street
 Millersburg, PA 17061

Attn: Borough Council

Tri-County Regional Planning Commission has developed a **DRAFT** list of issues and projects. You may use this as a starting point to answer the enclosed questionnaire.

MILLERSBURG BOROUGH

ISSUES	CONCERNS
1. Degrading coast	storm conditions and high waters have caused coastal areas to degrade and erode. River bank could eventually erode away
2. Debris clean-up	lack of municipal funding for storm, and regular river bank clean-up
3. River Bank Stabilization	continued erosion from areas upriver
4. Recreation	develop additional recreational opportunities
4. River Conservation promotion and planning	river conservation should be given a higher priority
5. Economic development	river-based economy may suffer due to continued erosion of the river banks

Projects to Initiate:

Millersburg Park Beautification Plan

The Borough of Millersburg owns approximately _____ acres of river front property. The Borough wishes to save existing recreational and historical development along the riverfront by planning clean-up and design projects to keep the river front park intact. The Millersburg Park Beautification Plan includes the following projects:

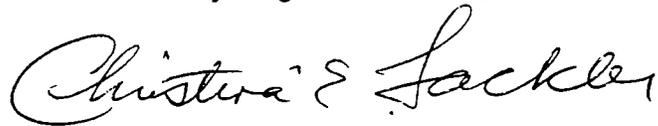
- ▶ Millersburg Ferry landing restoration. This project would involve the river bank stabilization at the landing, landing paving and clean-up, water damming to heighten the water level at the ferry boat access point.

- ▶ Removal of the remains of an old coal barge and docking area. The original building does have historical significance however the lack of preservation and periodic flooding has contributed to its collapse. The barge has become known as a storage place for river debris and silt. This project could raise water levels for the ferryboat at its landing point just down stream.
- ▶ River bank stabilization. The riverfront park is continuously eroding from normal and storm weather and Millersburg fears that eventually large-scale development projects to rebuild the river banks may be necessary. The project would involve a professional study and design work and eventual construction of the recommended alternative for preserving the existing river corridor in Millersburg Borough.

The Susquehanna River Conservation plan may give additional recommendations such as an ordinance development for property maintenance and enforcement the riverfront park property(s), economic development plans for business and tourist development, and the potential for new resident and tourist annual events.

Please contact Tina Fackler at (717)234-2639 for additional meetings necessary for plan completion and do not hesitate to amend any portion of this request.

Sincerely,
Tri-County Regional Planning Commission

A handwritten signature in black ink that reads "Christina E. Fackler". The signature is written in a cursive style with a large initial 'C' and 'F'.

Christina E. Fackler
Staff Planner

Date: July 22, 1996

To: Alliance for the Chesapeake Bay
225 Pine Street
Harrisburg, PA 17101

Attn: Brook Lenker

Tri-County Regional Planning Commission has developed a **DRAFT** list of issues and projects. You may use this as a starting point to answer the enclosed questionnaire.

ISLAND TRAIL

ISSUES	CONCERNS
1. Recreation	lack of recreation along the riverfront, no recreation planning
2. No public access points	areas used for public access have created safety problems
3. River Conservation promotion and planning	river conservationshould have a higher priority and enforcement measures
4. Economic development	economic opportunities will diminish if deterioration of the waterfront property continues

Projects to Initiate:

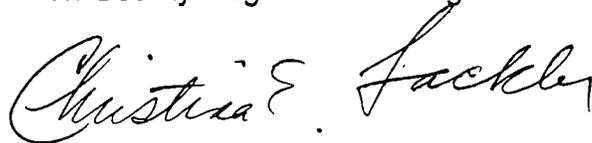
Islands Trail

The Alliance for the Chesapeake Bay wishes to develop an Island Trail to allow passive recreation and create economic opportunities for the communities nearest the trail as well as private entrepreneurs. The project involves a step-by-step program:

- ▶ Designate islands of interest. Accordang to acreage, plant life, soils, existing vegetation and accessibility.
- ▶ Island designation or trail marking
- ▶ Clean-up projects, campsite construction(i.e. furniture, picnic tables, benches, scenic area development, locations for public access.

The Susquehanna River Conservation plan may give additional recommendations such as a property maintenance and enforcement of island park property(s), economic development plans for business and tourist development, and the potential for new tourist promotions and events. Please contact Tina Fackler at (717)234-2639 for additional meetings necessary for plan completion and do not hesitate to amend any portion of this request.

Sincerely,
Tri-County Regional Planning Commission

A handwritten signature in black ink that reads "Christina E. Fackler". The signature is written in a cursive style with a large initial 'C' and 'F'.

Christina E. Fackler
Staff Planner

To: Halifax Borough
27 N. 3rd Street
Halifax, PA 17032

Attn: Borough Council

Tri-County Regional Planning Commission has developed a **DRAFT** list of issues and projects. You may use this as a starting point to answer the enclosed questionnaire.

HALIFAX BOROUGH

ISSUES	CONCERNS
1. Public dumping	uncontrolled dumping of refuse and other inappropriate materials
2. Recreation	lack of recreation along the riverfront, no recreation planning
3. No public access points	areas used for public access have created safety problems
4. River Conservation promotion and planning	river conservation should have a higher priority and enforcement measures
5. Economic development	economic opportunities will diminish if deterioration of the waterfront property continues

Projects to Initiate:

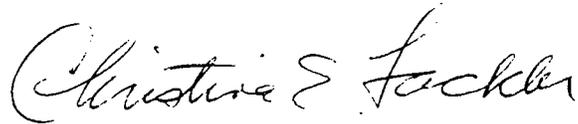
Halifax Borough Riverfront Park Plan

The Borough of Halifax owns approximately _____ acres of river front property. The Borough wishes to develop the riverfront to allow passive and active recreation and create economic opportunities for the Borough as well as private entrepreneurs. The project involves a step-by-step program:

- ▶ Design of a riverfront linear park which will include clean-up projects, riverfront trail location, trail lighting and furniture (picnic tables, benches swings etc., active and passive recreation spots, scenic garden areas, locations for public access.
- ▶ Construction projects designated in the Riverfront Park Design Plan:
 - ▶ Clean-up projects
 - ▶ Linear path construction with park improvements
 - ▶ Boat access launch(s) and slips with associated parking.

The Susquehanna River Conservation plan may give additional recommendations such as ordinance development for property maintenance and enforcement of riverfront park property(s), economic development plans for business and tourist development, and the potential for new resident and tourist annual events. Please contact Tina Fackler at (717)234-2639 for additional meetings necessary for plan completion and do not hesitate to amend any portion of this request.

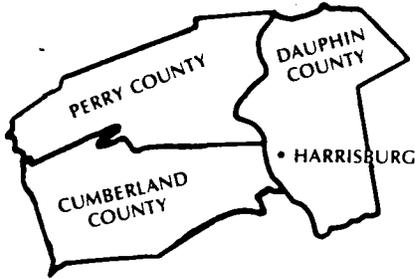
Sincerely,
Tri-County Regional Planning Commission

A handwritten signature in cursive script that reads "Christina E. Fackler". The signature is written in black ink and is positioned above the printed name and title.

Christina E. Fackler
Staff Planner

Appendix II - Project Coordination

TRI-COUNTY REGIONAL PLANNING COMMISSION



Dauphin County Veterans Memorial Office Building
7th Floor, Harrisburg, Pennsylvania
Telephone 717-234-2639

June 16, 1996

Upper Paxton Township
606 Berryburg Road
Millersburg, Pennsylvania 17061

Attn: Board of Supervisors
Planning Commission

Dear Municipal Officials:

The Tri-County Regional Planning Commission (TCRPC) has been conducting Susquehanna River Conservation Plan meetings in your area in hopes of stimulating river protection in this region. The plan will discuss the issues of most concern such as erosion, storm water run off problems, land conversion, recreation etc., and create solutions or recommendations to address those problems. Your Township has not responded to any of the meeting notices and it is felt direct correspondence is necessary. TCRPC would like to make sure each municipality is well represented and any river projects your township would like included within the plan should be noted.

The types of projects eligible for implementation grants are:

- ▶ Parks and recreation
- ▶ Greenway development
- ▶ Streambank stabilization
- ▶ Clean-up projects
- ▶ Economic development
- ▶ Planning projects (i.e. ordinance development, stormwater management, open space retention, farmland protection, erosion and run off and buffer regulations)
- ▶ Buffer development
- ▶ Public access area design and construction (for parks, boating and parking)

and other similar projects which may be related to the above referenced

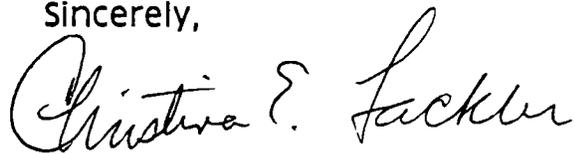
Page Two
Upper Paxton Township

examples. Projects included within the plan will be placed on the state rivers registry and will be eligible for implementation grants the following year. Funding for the projects are a 50/50 match (DCNR/Municipal).

Projects discussed at the previous river conservation meetings are: Millersburg Ferry restoration, Myo Park and River Front Park Beautification Plan, Millersburg to Halifax Borough greenway plan, Halifax Borough riverfront clean-up plan, Ned Smith walking trail from Susquahanna River to their nature center, public access point development, Island trail corridor development, streambank protection, buffer education and development and water quality management and monitoring station development.

Please contact Tina Fackler at (717)234-2639 at your earliest convenience for project development and input in this planning process. Your help is greatly appreciated.

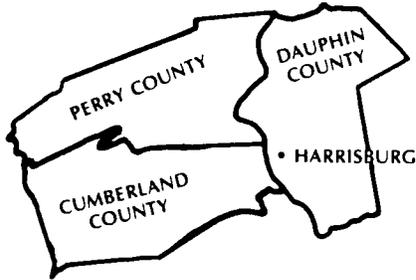
Sincerely,

A handwritten signature in cursive script that reads "Christina E. Fackler". The signature is written in black ink and is positioned below the word "Sincerely,".

Christina E. Fackler
Staff Planner

TRI-COUNTY REGIONAL PLANNING COMMISSION

Dauphin County Veterans Memorial Office Building
7th Floor, Harrisburg, Pennsylvania
Telephone 717-234-2639



June 16, 1996

Halifax Township
Box 405
Halifax, Pennsylvania 17032

Attn: Board of Supervisors
Planning Commission

Dear Municipal Officials:

The Tri-County Regional Planning Commission (TCRPC) has been conducting Susquehanna River Conservation Plan meetings in your area in hopes of stimulating river protection in this region. The plan will discuss the issues of most concern such as erosion, storm water run off problems, land conversion, recreation etc., and create solutions or recommendations to address those problems. Your Township has not responded to any of the meeting notices and it is felt direct correspondence is necessary. TCRPC would like to make sure each municipality is well represented and any river projects your township would like included within the plan should be noted.

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- ▶ Clean-up projects
- ▶ Economic development
- ▶ Planning projects (i.e. ordinance development, stormwater management, open space retention, farmland protection, erosion and run off and buffer regulations)
- ▶ Buffer development
- ▶ Public access area design and construction (for parks, boating and parking)

and other similar projects which may be related to the above referenced examples. Projects included within the plan will be placed on the state rivers

Page Two
Halifax Township

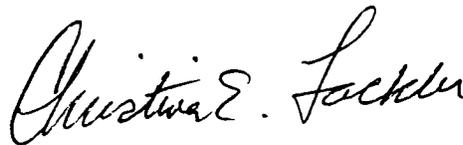
registry and will be eligible for implementation grants the following year. Funding for the projects are a 50/50 match (DCNR/Municipal).

Projects discussed at the previous river conservation meetings are: Millersburg Ferry restoration, Myo Park and River Front Park Beautification

Plan, Millersburg to Halifax Borough greenway plan, Halifax Borough riverfront clean-up plan, Ned Smith walking trail from Susquahanna River to their nature center, public access point development, Island trail corridor development, streambank protection, buffer education and development and water quality management and monitoring station development.

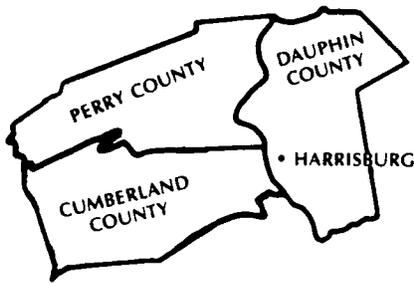
Please contact Tina Fackler at (717)234-2639 at your earliest convenience for project development and input in this planning process. Your help is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Christina E. Fackler".

Christina E. Fackler
Staff Planner

TRI-COUNTY REGIONAL PLANNING COMMISSION



Dauphin County Veterans Memorial Office Building
7th Floor, Harrisburg, Pennsylvania
Telephone 717-234-2639

Sally S. Klein
Chairman, Dauphin County Bd. of Commissioners
Dauphin County Courthouse
Box 1295
Harrisburg, PA 17108

Re: Susquehanna River Conservation Plan
Preliminary Findings Report

Commissioner Klein:

Tri-County Regional Planning Commission is pleased to forward you the above report and would like your review of the plan. The staff of TCRPC will be presenting the project with a slide show exhibit at the Dauphin County Planning Commission Meeting on February 3, 1997 at 4:00 P.M. on the 8th Floor, conference room of the Veterans Memorial Building. This project will affect the residents along the Susquehanna River in the Upper Dauphin County Region. The county, with the completion of this plan, is hoping to promote regional as well as municipal conservation efforts to preserve the coastal regions of the Susquehanna River. We think you'll like reading about the various projects proposed in the designated river corridor. Please contact me if the Commissioners would like a project informational meeting.

Sincerely,

A handwritten signature in cursive script that reads "Christina E. Fackler".

Christina E. Fackler
Staff Planner

TRI-COUNTY REGIONAL PLANNING COMMISSION

Dauphin County Veterans Memorial Office Building
7th Floor, Harrisburg, Pennsylvania
Telephone 717-234-2639



March 12, 1996

U.S. Fish and Wildlife Service
Attn: Mr. Charles J. Kulp
315 South Allen St.
State College, PA 16801

RE: Susquehanna River Conservation Plan

Dear Mr. Kulp:

Tri-County Regional Planning Commission has received a Rivers Conservation Planning Grant from the Department of Environmental Resources Office of Parks and Forestry. The focus area is the Susquehanna River encompassing Reed, Halifax, and Upper Paxton Townships as well as Halifax and Millersburg Borough (see area map). As part of the project scope of work, coordination with specific agencies, groups, authorities or commissions is necessary in order to prepare the Susquehanna River Conservation Plan.

We are requesting any important and significant wildlife habitat and any notable sitings existing in or near the project area. Also we would like any information you can give concerning Wildlife Restoration and endangered species conservation programs.

If more information is needed and you would like to coordinate a meeting with me please contact me at (717) 234-2639.

Your cooperation and support during this phase of the project is greatly appreciated.

Sincerely,

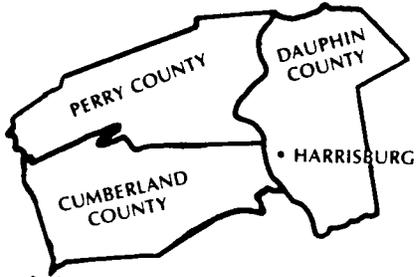
A handwritten signature in cursive script that reads "Christina E. Fackler".

Christina E. Fackler
Staff Planner

CEF: kjf

Enclosure

TRI-COUNTY REGIONAL PLANNING COMMISSION



Dauphin County Veterans Memorial Office Building
7th Floor, Harrisburg, Pennsylvania
Telephone 717-234-2639

March 12, 1996

Dauphin County Soil Conservation Service
Attn: Mr. John Orr
1451 Peters Mountain Rd.
Dauphin, PA 17018

RE: Susquehanna River Conservation Plan

Dear Mr. Orr:

Tri-County Regional Planning Commission has received a Rivers Conservation Planning Grant from the Department of Environmental Resources Office of Parks and Forestry. The focus area is the Susquehanna River encompassing Reed, Halifax, and Upper Paxton Townships as well as Halifax and Millersburg Borough (see area map). As part of the project scope of work, coordination with specific agencies, groups, authorities or commissions is necessary in order to prepare the Susquehanna River Conservation Plan.

We are requesting resource data pertaining to the project area. Any information regarding the following would be helpful.

- Soil and Geologic make-up
- Water Conservation and/or protection project areas
- Flood prevention programs or projects
- Aerial photography of the project area (as needed basis)
- Stormwater protection and flood prevention programs

If more information is needed and you would like to coordinate a meeting with me please contact me at (717) 234-2639.

Your cooperation and support during this phase of the project is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Christina E. Fackler".

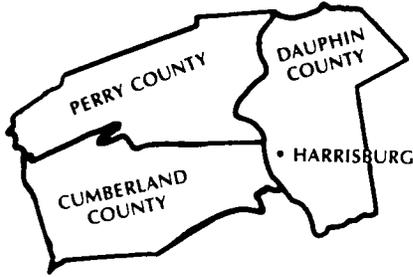
Christina E. Fackler
Staff Planner

CEF: kjf

Enclosure

TRI-COUNTY REGIONAL PLANNING COMMISSION

Dauphin County Veterans Memorial Office Building
7th Floor, Harrisburg, Pennsylvania
Telephone 717-234-2639



March 12, 1996

Pennsylvania Fish and Boat Commission
Attn: Mr. Richard Mulfinger
450 Robinson Lane
Bellefonte, PA 16823

RE: Susquehanna River Conservation Plan

Dear Mr. Mulfinger:

Tri-County Regional Planning Commission has received a Rivers Conservation Planning Grant from the Department of Environmental Resources Office of Parks and Forestry. The focus area is the Susquehanna River encompassing Reed, Halifax, and Upper Paxton Townships as well as Halifax and Millersburg Borough (see area map). As part of the project scope of work, coordination with specific agencies, groups, authorities or commissions is necessary in order to prepare the Susquehanna River Conservation Plan.

We are interested in finding any information pertaining to stream habitat Improvement projects, fishing and boat access, park lands and or recreation lands in private or public ownership located within or near the project corridor.

If more information is needed and you would like to coordinate a meeting with me please contact me at (717) 234-2639.

Your cooperation and support during this phase of the project is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads 'Christina E. Fackler'.

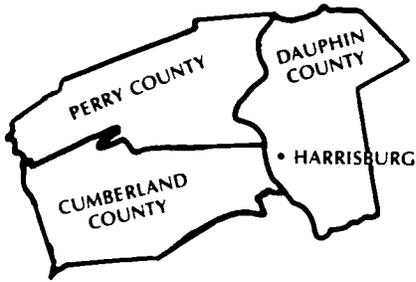
Christina E. Fackler
Staff Planner

CEF: kjf

Enclosure

TRI-COUNTY REGIONAL PLANNING COMMISSION

Dauphin County Veterans Memorial Office Building
7th Floor, Harrisburg, Pennsylvania
Telephone 717-234-2639



March 12, 1996

Pennsylvania Game Commission
Attn: Mr. Jack Sitlinger
2001 Elmerton Ave
Harrisburg, PA 17110-9797

RE: Susquehanna River Conservation Plan

Dear Mr. Sitlinger:

Tri-County Regional Planning Commission has received a Rivers Conservation Planning Grant from the Department of Environmental Resources Office of Parks and Forestry. The focus area is the Susquehanna River encompassing Reed, Halifax, and Upper Paxton Townships as well as Halifax and Millersburg Borough (see area map). As part of the project scope of work, coordination with specific agencies, groups, authorities or commissions is necessary in order to prepare the Susquehanna River Conservation Plan.

We are requesting any information you may have regarding the stream bank stabilization program, high quality creeks or streams in the project area, Stream Corridor Habitat Technical Assistance Program, Wildlife preserves, and any related projects or programs which could or do exist in the project corridor.

If more information is needed and you would like to coordinate a meeting with me please contact me at (717) 234-2639.

Your cooperation and support during this phase of the project is greatly appreciated.

Sincerely,

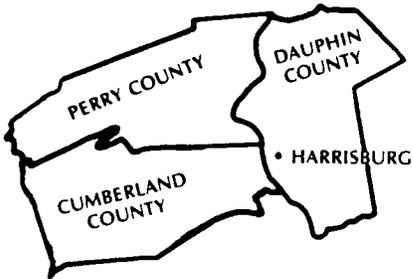
A handwritten signature in cursive script that reads "Christina E. Fackler".

Christina E. Fackler
Staff Planner

CEF: kjf

Enclosure

TRI-COUNTY REGIONAL PLANNING COMMISSION



Dauphin County Veterans Memorial Office Building
7th Floor, Harrisburg, Pennsylvania
Telephone 717-234-2639

March 12, 1996

Commonwealth of Pennsylvania
Pennsylvania Historic & Museum Commission
P.O. Box 1026
Harrisburg, PA 17108-1026

ATTN: Kurt Carr, Chief
Division of Archaeology and Protection

RE: Susquehanna River Conservation Plan

Dear Mr. Carr:

Tri-County Regional Planning Commission has received a Rivers Conservation Planning Grant from the Department of Environmental Resources Office of Parks and Forestry. The focus area is the Susquehanna River encompassing Reed, Halifax, and Upper Paxton Townships as well as Halifax and Millersburg Borough (see area map). As part of the project scope of work, coordination with specific agencies, groups, authorities or commissions is necessary in order to prepare the Susquehanna River Conservation Plan.

We are requesting any information you have relating to historic sites, structures, landmarks or National Registry information pertaining to or existing in the project area. If any sites or structures are known to exist we are requesting specific site data such as location, age, size, condition and importance.

If more information is needed and you would like to coordinate a meeting with me please contact me at (717) 234-2639.

Your cooperation and support during this phase of the project is greatly appreciated.

Sincerely,

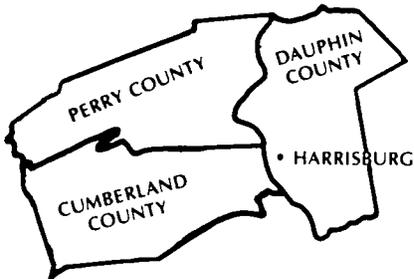
A handwritten signature in cursive script that reads "Christina E. Fackler".

Christina E. Fackler
Staff Planner

CEF: kjf

Enclosure

TRI-COUNTY REGIONAL PLANNING COMMISSION



Dauphin County Veterans Memorial Office Building
7th Floor, Harrisburg, Pennsylvania
Telephone 717-234-2639

March 12, 1996

Commonwealth of Pennsylvania
Pennsylvania Historic & Museum Commission
P.O. Box 1026
Harrisburg, PA 17108-1026

ATTN: Dan Diebler, Chief
Division of Planning and Preservation

RE: Susquehanna River Conservation Plan

Dear Mr. Diebler:

Tri-County Regional Planning Commission has received a Rivers Conservation Planning Grant from the Department of Environmental Resources Office of Parks and Forestry. The focus area is the Susquehanna River encompassing Reed, Halifax, and Upper Paxton Townships as well as Halifax and Millersburg Borough (see area map). As part of the project scope of work, coordination with specific agencies, groups, authorities or commissions is necessary in order to prepare the Susquehanna River Conservation Plan.

We are requesting any information you have relating to historic sites, structures, landmarks or National Registry information pertaining to or existing in the project area. If any sites or structures are known to exist we are requesting specific site data such as location, age, size, condition and importance.

If more information is needed and you would like to coordinate a meeting with me please contact me at (717) 234-2639.

Your cooperation and support during this phase of the project is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Christina E. Fackler".

Christina E. Fackler
Staff Planner

CEF: kjf

Enclosure



Commonwealth of Pennsylvania
Pennsylvania Historical and Museum Commission
Bureau for Historic Preservation
Post Office Box 1026
Harrisburg, Pennsylvania 17108-1026

April 17, 1996

Christina E. Fackler
Tri-County Regional Planning Commission
112 Market Street, 7th Floor
Harrisburg, PA 17101-2015

Re: ER 96-1478-043-A
Susquehanna River Conservation Plan

Dear Ms. Fackler:

The Bureau for Historic Preservation has reviewed the above named project under the authority of the Environmental Rights amendment, Article 1, Section 27 of the Pennsylvania Constitution and the Pennsylvania History Code, 37 Pa. Cons. Stat. Section 500 et seq. (1988). This review includes comments on the project's potential effect on both historic and archaeological resources.

This project is a planning study, therefore this office cannot assess the effects on specific historic and archaeological resources at this time. During the project planning stages, provisions should be made for the identification of historic and archaeological resources listed in or eligible for the National Register of Historic Places and for the assessment of the effects on these resources. The Bureau for Historic Preservation maintains records of National Register listed and eligible resources as well as archaeological surveys (P.A.S.S. files) and historic resource survey files. These surveys vary in their scope and methodology, therefore we recommend that you contact local historical societies and consult tax and deed records for additional information regarding your project area.

If you need further information in this matter please consult Susan M. Zacher at (717) 783-8946 or 783-8947.

Sincerely,

A handwritten signature in cursive script that reads "Susan M. Zacher for".

Kurt W. Carr, Chief
Division of Archaeology &
Protection

Enclosures
KWC/smz

CO. MUNICIPALITY

DATE LISTED KEY NRF019A NUM

041	MECHANICSBURG	SIMPSON STREET SCHOOL	SIMPSON AND HIGH STREETS	02/24/83	050935	1
041	MONROE TWP	WILLIAMS, JOHN HOUSE	LR21027, 1/2 MILE S. OF WILLIAMS GROVE	07/28/77	001166	1
041	N MIDDLETON TWP	CARLISLE ARMY	504 CALVARY RD.	12/22/89	096484	1
041	NEW CUMBERLAND	BLACK, WILLIAM HOMESTEAD	DREXEL HILL PARK ROAD	07/20/77	001155	1
041	S MIDDLETON TWP	BOILING SPRINGS HISTORIC DISTRICT	BND BY HIGH, FIRST STS, LAKE & YELLOW	12/03/84	050636	1
041	S MIDDLETON TWP	GIVEN, JAMES TAVERN	1189 WALNUT, BOTTOM RD.	07/24/92	096389	1
041	SHIPPENSBURG	CUMBERLAND VALLEY STATE NORMAL SCHOOL HI	BND BY N.PRINCE, STEWART, OLD MAIN, GILBE	01/11/85	077457	1
041	SHIPPENSBURG	SHIPPEN HOUSE	52 W KING STREET	11/25/75	001165	1
041	SHIPPENSBURG	SHIPPENSBURG HISTORIC DISTRICT	BND BY LUTZ, KENNETH, SPRING, FORT STS	06/07/84	064349	1
041	SHIPPENSBURG	WIDOW PIPER'S TAVERN	KING & QUEEN STREETS, SW CORNER	01/17/74	001164	1
041	SILVER SPRING TWP	TRIMBLE, GEORGE HOUSE	50 PLEASANT GROVE ROAD	07/24/92	079096	1
041	SOUTHAMPTON TWP	BLYPHE, BENJAMIN HOMESTEAD	217 MEANS HOLLOW ROAD, MOUNTED ROUTE	09/15/77	001156	1
041	UPPER ALLEN TWP	UNION HOTEL (HILL TOP INN)	240 OLD GETTYSBURG RD.	05/05/89	090754	1
041	UPPER ALLEN/MONAGHAM TWP	GILBERT BRIDGE/HALL ESTATE BRIDGE	BISHOP RD/GILBERT RD (T892)	05/05/89	092108	1
041	UPPER MIFFLIN TWP	STERRETT-HASSINGER HOUSE	THREE SQUARES HOLLOW ROAD	09/15/83	050934	1
041	W PENNSBORO TWP	MCCULLOUGH, JOHN HOUSE	RT.233, BETWEEN NEWVILLE & I-81	12/20/78	001161	1
041	WORMLEYSBURG	WORMLEY, JOHN, HOUSE	126 N FRONT STREET	11/21/76	001167	1

30

043	BERRYSBURG	ROMBERGER-STOVER HOUSE	MARKET STREET	08/29/80	000520	1
043	DERRY TWP	HERSHEY COMMUNITY CENTER BUILDING	2 CHOCOLATE AVENUE	10/15/80	000511	1
043	E HANOVER TWP	TODD, JOHN HOUSE	SOUTH MOUNTAIN RD., LR22053	11/03/88	086882	1
043	HALIFAX TWP	CLEMONSON ISLAND PREHISTORIC DISTRICT	VERBEKE ST (FORMERLY BROAD ST) BETWEEN	09/17/81	000504	1
043	HARRISBURG	BROAD STREET MARKET	1839 GREEN ST	04/24/86	016573	1
043	HARRISBURG	CAMERON, SIMON SCHOOL	2504 NORTH SIXTH STREET	08/11/81	000502	1
043	HARRISBURG	CAMP CURTAIN FIRE STATION	3RD & MARKET STS	11/09/82	079280	1
043	HARRISBURG	COLONIAL THEATRE (LOCHIEL HOTEL)	JCT. OF FRONT AND MARKET STS.	08/02/93	079179	1
043	HARRISBURG	DAUPHIN COUNTY COURTHOUSE	2005 N. THIRD ST	04/26/90	092107	1
043	HARRISBURG	DONALDSON, WILLIAM HOUSE	CAPITOL AND HERR STREETS	11/12/75	000526	1
043	HARRISBURG	GERMAN EVANGELICAL ZION LUTHERAN CHURCH	118-20 MARKET ST	02/24/83	079283	1
043	HARRISBURG	GREENAWALT BUILDING (KOGAN BUILDING)	215 NORTH FRONT STREET	10/21/76	000503	1
043	HARRISBURG	GRIFFITH, WILLIAM R. HOUSE	637 WALNUT ST.	08/30/94	096662	1
043	HARRISBURG	HARRIS SWITCH TOWER, PENNSYLVANIA RAILRO	219 S FRONT STREET	09/20/73	000506	1
043	HARRISBURG	HARRIS, JOHN MANSION (SIMON CAMERON HOU	13TH & LIBERTY STREETS	03/07/85	064457	1
043	HARRISBURG	HARRISBURG CEMETERY	ABERDEEN STREET	06/11/75	000517	1
043	HARRISBURG	HARRISBURG CENTRAL RAILROAD STATION AND	BND BY SUSQUEHANNA RIVER, FORSTER, 3	01/19/76	000508	1
043	HARRISBURG	HARRISBURG HISTORIC DISTRICT	14TH & CALDER STS.	11/29/91	096489	1
043	HARRISBURG	HARRISBURG MILITARY POST	BND BY DEWBERRY, CHESTNUT, BLACKBERRY, S.	07/14/83	050937	1
043	HARRISBURG	HARRISBURG OLD DOWNTOWN COMMERCIAL HIST.	BND BY CHESTNUT, WALNUT, BLACKBERRY, 4TH	03/22/84	050620	1
043	HARRISBURG	HARRISBURG OLD DOWNTOWN HDBOUNDARY INCRE	423 WALNUT STREET	12/07/82	000816	1
043	HARRISBURG	HARRISBURG TECHNICAL HIGH SCHOOL	1313 S. 19TH ST.	11/14/91	096458	1
043	HARRISBURG	HARRISBURG 19TH STREET ARMOY	18-22 SOUTH THIRD STREET	09/07/79	000513	1
043	HARRISBURG	KEYSTONE BUILDING	301 MARKET STREET	11/09/82	000821	1
043	HARRISBURG	KUNKLE BUILDING (FELLER BUILDING)	LR34, MARKET ST.	06/22/88	000141	1
043	HARRISBURG	MARKET STREET BRIDGE	BND BY SUSQUEHANNA RIVER, FORSTER, VERBE	04/21/83	000798	1
043	HARRISBURG	MIDTOWN HARRISBURG HISTORIC DISTRICT	SULVAN TERRACE TO 19TH, MARKET TO BROO	05/09/90	096423	1
043	HARRISBURG	MOUNT PLEASANT HISTORIC DISTRICT	1100-1360 MARKET ST.	01/04/90	096500	1
043	HARRISBURG	MOUNT PLEASANT HISTORIC DISTRICT EXTENS I	2ND, 3RD, REILY, KELKER STS.	04/23/75	000522	1
043	HARRISBURG	OLD UPTOWN HARRISBURG HISTORIC DISTRICT	319 CHESTNUT STREET	12/03/80	000525	1
043	HARRISBURG	SALEM UNITED CHURCH OF CHRIST	122 MARKET ST	12/16/82	079282	1
043	HARRISBURG	SEEL, WILLIAM BUILDING	2003 N. THIRD ST.	04/26/90	092106	1
043	HARRISBURG	SENATE HOTEL	L.R. 140 (STATE ST.) OVER L.R. 139 SPU	06/22/88	000139	1
043	HARRISBURG	SHEFFIELD APARTMENTS	THIRD STREET AT STATE STREET	09/14/77	000515	1
043	HARRISBURG	SOLDIERS AND SAILORS MEMORIAL BRIDGE	CAMERON ST	01/08/86	082634	1
043	HARRISBURG	STATE CAPITOL BUILDING	WALNUT ST OVER SUSQUEHANNA TO FRONT ST	06/05/72	000523	1
043	HARRISBURG/SUSQUEHANNA T	PENNSYLVANIA STATE LUNATIC HOSPITAL	MANSION ROAD, DERRY TOWNSHIP	02/07/78	000512	1
043	HARRISBURG/WORMLEYSBURG	WALNUT STREET BRIDGE	221 PENN ST.	04/26/90	087197	1
043	HERSHEY	HIGH POINT (MILTON S. HERSHEY MANSION)				
043	HIGHSPRE	HIGHSPRE HIGH SCHOOL				

PENNSYLVANIA HISTORICAL & MUSEUM COMMISSION
 BUREAU OF HISTORIC PRESERVATION
 NATIONAL REGISTER/INDIVIDUAL PROPERTIES AND DISTRICTS IN PA.
 HISTORIC NAME ADDRESS

CO. MUNICIPALITY

DATE LISTED KEY NRFO19A NUM

043	HUMMELSTOWN	HENDERSON, DR. WILLIAM HOUSE	31 EAST MAIN STREET	05/14/79	000509	1
043	HUMMELSTOWN	KEYSTONE HOTEL	40 EAST MAIN STREET	05/09/85	064376	1
043	HUMMELSTOWN	MATLACK, ENOCH HOUSE	250 EAST MAIN STREET	06/22/79	000516	1
043	JACKSON/WAYNE TWP	ZION LUTHERAN CHURCH AND GRAVEYARD	N.W. CORNER OF ROSANNA STREET	03/29/79	000527	1
043	LONDONDERRY TWP	SHOOP SITE 360A20	950 SWATIARA CREEK RD(MIDDLETOWN)	02/13/86	083519	1
043	LYKENS TWP	SMITH, HENRY FARM (HIDDEN SPRING FARM)	628 N. 2ND ST.	12/22/88	095689	1
043	MIDDLE PAXTON TWP	GRAND, ARMY OF THE REPUBLIC BUILDING	L.R. 22001 OVER PINE CREEK	06/22/88	000194	1
043	MIDDLETOWN	BRIDGE IN LYKENS TOWNSHIP	RT. 225, 4000 FT. NORTH OF INTERSECTIO	09/07/79	000507	1
043	MIDDLETOWN	AYERS, JOHN HOUSE	NISSLEY, AND WATER STREETS	09/19/85	077464	1
043	MIDDLETOWN	B'NAI JACOB SYNAGOGUE	28 E MAIN STREET (BANK); 30 E MAIN STR	11/21/76	000501	1
043	MIDDLETOWN	CAMERON, SIMON HOUSE AND BANK	37 & 38 N UNION ST	08/01/79	000518	1
043	MIDDLETOWN	RAYMOND, CHARLES AND JOSEPH HOUSES	31 WEST HIGH STREET	06/18/73	000521	1
043	MIDDLETOWN	ST. PETER'S KIERCH	400 SWATARA STREET	09/27/76	000524	1
043	MIFFLIN TWP	SWATARA FERRY HOUSE	DEIBLER'S DAM RD.	08/02/93	097693	1
043	REED TWP	DAUPHIN COUNTY BRIDGE NO. 27	L.R. 1 (TR-147) OVER POWELL'S CREEK	06/22/88	000195	1
043	SUSQUEHANNA T/MARYSVILLE	BRIDGE IN REED TOWNSHIP	3 MI. N. OF HBG ACROSS SUSQUEHANNA TO	08/15/75	000519	1
043	SUSQUEHANNA TWP	ROCKVILLE BRIDGE	NORTH FRONT STREET (U.S. ROUTE 22)	08/17/79	000505	1
043	SUSQUEHANNA TWP	FORT HUNTER HISTORIC DISTRICT	5300 NORTH FRONT STREET	06/07/76	000514	1
043	SUSQUEHANNA TWP	MCALLISTER, ARCHIBALD HOUSE (FORT HUNTE	1624 OVER WICONISCO CREEK	12/18/78	000510	1
043	WASHINGTON TWP	HENNINGER FARM COVERED BRIDGE				

045	BIRMINGHAM TWP	BRANDYWINE BATTLEFIELD	BRANDYWINE BATTLEFIELD PARK	10/15/66	000690	1
045	BIRMINGHAM TWP	CHAD HOUSE	RT. 100 NORTH, CHADD'S FORD	03/11/71	000688	1
045	BIRMINGHAM TWP	CHADD'S FORD HISTORIC DISTRICT	PA. RT. 100 INTERSECTION WITH U.S. 1, CH	11/23/71	000687	1
045	BIRMINGHAM TWP	GILPIN HOMESTEAD	HARVEY ROAD, CHADD'S FORD	05/27/71	000720	1
045	BIRMINGHAM TWP	PAINTER, WILLIAM FARM	US RT. 1, R.D.#2; CHADD'S FORD	07/27/71	000704	1
045	BIRMINGHAM TWP	TWADDELL'S MILL & HOUSE	ROCK HILL ROAD, CHADD'S FORD	03/07/73	000696	1
045	BIRMINGHAM TWP	1704 HOUSE (BRINTON HOUSE)	OAKLAND RD NEAR US202 & LR15199	12/24/67	000689	1
045	CHESTER	DELAWARE COUNTY NATIONAL BANK (WOLF BUIL	1 W 3RD ST (SW CORNER 3RD & AVE OF THE	11/05/87	050699	1
045	CHESTER	OLD MAIN & CHEMISTRY BUILDING	14TH ST BETWEEN MELROSE AVE & WALNUT S	05/22/78	000706	1
045	CHESTER	PENN, WILLIAM LANDING SITE	PENN & FRONT STREETS	03/11/71	000703	1
045	CHESTER	SECOND STREET BRIDGE	LR542 SECOND ST (PA291) OVER CHESTER C	06/22/88	079272	1
045	CHESTER	1724 CHESTER COUNTY COURTHOUSE	MARKET STREET BELOW FIFTH ST	05/27/71	000686	1
045	CHESTER	CHAMBERLAIN - PENNELL HOUSE	VALLEY BROOK RD & BALTIMORE PIKE	12/27/77	000725	1
045	CLIFTON	FORGE HILL	OFF U.S. 1, WAWA	03/07/73	000722	1
045	CONCORD	LOWER SWEDISH CABIN	CREEK ROAD	06/09/80	000713	1
045	CONCORD TWP	BRANDYWINE SUMMIT CAMP MEETING	119 BEAVER VALLEY RD	02/24/95	016726	1
045	CONCORD TWP	CONCORD FRIENDS MEETINGHOUSE	OLD CONCORD ROAD, CONCORDVILLE	06/17/77	000723	1
045	CONCORD TWP	CONCORDVILLE HISTORIC DISTRICT	CONCORD RD AND BALTIMORE PIKE, CONCORD	04/03/73	000683	1
045	CONCORD TWP	HANDYBROUGHT	CONCORD & STATION ROAD, CONCORDVILLE	01/18/78	000717	1
045	CONCORD TWP	IVY MILLS HISTORIC DISTRICT	CORNER OF IVY MILLS & POLE CAT ROADS	08/21/72	000716	1
045	CONCORD TWP	NEWLIN MILLS COMPLEX	S. CHEYNEY RD IN GLEN MILLS	03/09/83	079286	1
045	CONCORD TWP	NEWLIN, NICHOLAS HOUSE	WEST SIDE THORNTON RD, NEAR TRIMBLE RO	04/26/72	000710	1
045	CONCORD TWP	THOMPSON COTTAGE	CONCORD ROAD, CONCORDVILLE	04/13/77	000695	1
045	DARBY	DARBY MEETING	1017 MAIN ST.	09/13/78	000727	1
045	EDGEMONT/UPPER PROVIDENCE	IDLEY CREEK STATE PARK	N.W. OF MEDIA BETWEEN PA. 3 AND PA. 35	10/08/76	000681	1
045	HAVERFORD TWP	ALLGATES	WEST SIDE COOPERSTOWN RD	05/15/79	000691	1
045	HAVERFORD TWP	FEDERAL SCHOOL	HAVERFORD - DARBY RD.	11/05/71	000726	1
045	HAVERFORD TWP	GRANGE, THE	GROVE PLACE, N OF W. CITY LINE & W OF	01/11/76	000719	1
045	HAVERFORD TWP	MERION GOLF CLUB, EAST ANDWEST COURSES	ARMORE AVE	12/21/89	078577	1
045	HAVERFORD TWP	NITRE HALL	KARAKUNG DR.	12/18/70	000709	1
045	HAVERFORD TWP	PONT READING	2713 HAVERFORD ROAD, ARMORE PARK	10/26/72	000702	1
045	LANSOWNE	LANSOWNE PARK HISTORIC DISTRICT	W STRATFORD AVE, OWEN AVE, BALTIMORE PIKE,	11/05/87	050700	1
045	LANSOWNE	LANSOWNE THEATRE	29 N LANSOWNE	01/06/87	071054	1
045	LANSOWNE	TWENTHIEH CENTURY CLUB OF LANSOWNE	84 SOUTH LANSOWNE AVE	07/23/80	000694	1
045	MARPLE TWP	MASSEY, THOMAS HOUSE	LAWRENCE ROAD AND SPRINGHOUSE RD., BROO	11/16/70	000712	1
045	MEDIA	MEDIA ARMORY	12 EAST STATE ST.	12/22/89	096437	1
045	MEDIA	RISLEY, DR. S.D. HOUSE	430 N MONROE ST	04/26/90	016147	1



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Suite 322
315 South Allen Street
State College, Pennsylvania 16801

April 26, 1996

Ms. Christina E. Fackler
Tri-County Regional Planning Commission
112 Market Street, 7th Floor
Harrisburg, PA 17101-2015

Dear Ms. Fackler:

This responds to your letter of March 12, 1996 requesting information about natural resources of special concern in Reed, Halifax and Upper Paxton Townships, Dauphin County, Pennsylvania. The following comments are provided pursuant to the Endangered Species Act of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.) to ensure the protection of endangered and threatened species.

The federally-listed threatened bald eagle (*Haliaeetus leucocephalus*) is known to nest on Haldeman Island in Reed Township. This breeding pair, as well as other bald eagles, utilize the Susquehanna River and surrounding habitats for foraging and roosting. In order to adequately protect bald eagles from harassment and potential harm, the Service recommends that at least a 400-meter radius buffer zone be included around all nesting, feeding, roosting and perching areas. Within this buffer zone, human activities and habitat alteration should be avoided or minimized. Further guidance regarding conservation of bald eagles, including activities within buffer zones, is available upon request from this office and from the Pennsylvania Game Commission.

With the exception of the bald eagle, no other federally listed, proposed or candidate species are known to occur within the subject townships, however, these townships are within the known range of the federally-listed endangered northeastern bulrush (*Scirpus ancistrochaetus*). Recent occurrences of this species are known from Dauphin and Perry Counties. The northeastern bulrush is typically found in ponds, wet depressions, shallow sinkholes, vernal pools, small emergent wetlands, or beaver-influenced wetlands. These wetlands are usually characterized by seasonally variable water levels. A compilation of certain federal status species in Pennsylvania is enclosed for your information.

For information regarding State resources of special concern, including State-listed endangered and threatened species, please contact the Pennsylvania Game Commission (birds and mammals; State Game Lands), the Pennsylvania Fish and Boat Commission (fish, amphibians, reptiles, aquatic invertebrates; trout streams), the Pennsylvania Department of Conservation and Natural Resources (PNDI; plants; Plant Sanctuaries; State Forests; State Parks; Natural Areas; State Wild and Scenic Rivers) and the Department of Environmental Protection (Special Protection Watersheds; wetlands).

Please contact Carole Copeyon of my staff at 814-234-4090 if you have any questions or require further assistance regarding endangered, threatened or candidate species.

Sincerely,

Charles J. Kulp
Supervisor

Enclosure

**FEDERALLY LISTED, PROPOSED AND CANDIDATE SPECIES
(in Pennsylvania)**

<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>	<u>STATUS*</u>	<u>DISTRIBUTION</u>
<u>FISHES</u>			
Shortnose sturgeon**	<i>Acipenser brevirostrum</i>	E	Delaware River and other Atlantic coastal waters
<u>REPTILES & AMPHIBIANS</u>			
Bog turtle	<i>Clemmys muhlenbergii</i>	C	Current - Adams, Berks, Bucks, Chester, Cumberland, Franklin, Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton and York Counties. Historic - Crawford, Delaware, Mercer and Philadelphia Counties
<u>BIRDS</u>			
Bald eagle	<i>Haliaeetus leucocephalus</i>	T	Entire state. Recent nesting in Butler, Crawford, Dauphin, Forest, Lancaster, Pike, Tioga, Warren and York Counties
Peregrine falcon (American)	<i>Falco peregrinus anatum</i>	E	Entire state. Recent nesting in and around Philadelphia and Pittsburgh (Allegheny, Delaware, Philadelphia and Bucks Counties)
Piping plover	<i>Charadrius melodus</i>	E	Presque Isle (Erie County). Migratory. No nesting in Pennsylvania since mid-1950s
<u>MAMMALS</u>			
Indiana bat	<i>Myotis sodalis</i>	E	Summer range: possibly state-wide in suitable habitat. Only one known winter hibernaculum (Blair County)
<u>MOLLUSKS</u>			
Clubshell mussel	<i>Pleurobema clava</i>	E	French Creek and Allegheny River watersheds; Clarion, Crawford, Erie, Forest, Mercer and Venango Counties
Northern riffleshell	<i>Epioblasma torulosa rangiana</i>	E	French Creek and Allegheny River watersheds; Crawford, Erie, Forest, Venango and Warren Counties
<u>PLANTS</u>			
Northeastern bulrush	<i>Scirpus ancistrochaetus</i>	E	Current - Bedford, Blair, Carbon, Centre, Clinton, Cumberland, Dauphin, Franklin, Huntingdon, Lackawanna, Lehigh, Mifflin, Monroe, Perry, Snyder and Union Counties. Historic - Northampton County
Small-whorled pogonia	<i>Isotria medeoloides</i>	T	Current - Centre and Venango Counties. Historic - Berks, Chester, Greene, Monroe, Montgomery, Philadelphia Counties

* E = Endangered, T = Threatened, PE = Proposed Endangered, PT = Proposed Threatened, C = Candidate

Revised 1/18/96

** Shortnose sturgeon is under the jurisdiction of the National Marine Fisheries Service



COMMONWEALTH OF PENNSYLVANIA

PENNSYLVANIA GAME COMMISSION

2001 ELMERTON AVENUE
HARRISBURG, PA 17110-9797

ADMINISTRATIVE BUREAUS:

ADMINISTRATION	717 787-5670
AUTOMOTIVE AND PROCUREMENT DIVISION	717-787-6594
LICENSE DIVISION	717 787-2084
PERSONNEL DIVISION	717 787-7836
WILDLIFE MANAGEMENT	717 787-5529
INFORMATION & EDUCATION	717-787-6286
LAW ENFORCEMENT	717 787-5740
LAND MANAGEMENT	717-787-6818
REAL ESTATE DIVISION	717 787-6566
MANAGEMENT INFORMATION SYSTEMS	717 787-4076

April 30, 1996

Ms. Christina E. Fackler
Tri-County Regional Planning Commission
Dauphin County Veterans Memorial Office Building
Harrisburg, PA 17110

In re: Susquehanna River Conservation Plan
Dauphin County, PA

Dear Ms. Fackler:

This is in response to your letter of March 12, 1996, requesting information concerning presence of important natural resources in the given corridor of the Susquehanna River.

Our office review has determined that the Bald Eagle (*Haliaeetus leucocephalus*), a Pennsylvania endangered species, and the Great Egret (*Casmerodius albus egretta*), a Pennsylvania threatened species, are known to occur within the study corridor. In addition, there are four State Game Lands (SGL) (258, 254, 290, and 211) within the corridor. SGL are owned by the Pennsylvania Game Commission and are managed for public recreation and wildlife.

If you have any questions, please contact Tony Ross of my staff at (717) 783-5957.

Very truly yours,

Denver A. McDowell, Chief
Division of Environmental
Planning and Habitat Protection
Bureau of Land Management

TR



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Suite 322

315 South Allen Street
State College, Pennsylvania 16801-4850

April 26, 1996

Mr. Richard P. Leonard, Chief
Environmental Analysis Section
Buffalo District, Corps of Engineers
1776 Niagara Street
Buffalo, NY 14207-3199

Dear Mr. Leonard:

This refers to your April 9 letter and enclosures requesting our completion of a draft scope of work for a biological survey of Gull Point, Presque Isle Peninsula, Erie, Pennsylvania.

We have reviewed the materials and discussed the project with Mr. William Butler of your Environmental Analysis Branch. The draft scope is enclosed for your review and further action.

If you have any questions regarding the draft scope of work, please call me or David Putnam at 814-234-4090.

Sincerely,

Charles J. Kulp
Supervisor

Enclosure

SCOPE OF WORK
FY96
US ARMY CORPS OF ENGINEERS/US FISH & WILDLIFE SERVICE

PROJECT: Presque Isle Peninsula, Pennsylvania, Shoreline Protection Project - Gull Point Project Year+5 Biological Survey

USFWS FIELD OFFICE: State College, Pennsylvania

USACE-BUFFALO DISTRICT CONTACT: William Butler
(Phone: 716-879-4268)
(Fax: 716-879-4355)
(E-mail: william.e.butler@usace.army.mil)

USFWS CONTACT: DAVE PUTNAM
(Phone: 814-234-4090)

PROJECT DESCRIPTION: The shoreline protection project at Presque Isle Peninsula in Erie County, Pennsylvania, was constructed in 1989-92. The project involved the construction of 55 offshore rubblemound breakwaters and the initial placement of 560,000 tons of sand beachfill along 5.5 miles of Lake Erie shoreline at Presque Isle State Park.

Throughout the planning, design, engineering and construction phases of the project, concern has been continually expressed regarding its possible effects on the growth and ecological succession of Gull Point. Gull Point is a unique 237-acre area (includes offshore zone measured 500 feet offshore) located at the eastern end of the peninsula (Figure 1).

Gull Point is designated as a bird sanctuary within Presque Isle State Park. The point is a recurved sand spit which owes its growth in recent years to annual nourishment activities by the Corps of Engineers along the park's swimming beaches to the west. The dynamic nature of the landform and its varying topography and hydrologic regimes have resulted in the development of diverse habitats including sand plains, sand ridges and dunes, ponds, wet pond margins, submerged aquatic beds, sandy mudflats, and wooded areas. This variety of habitats, combined with the comparative lack of human disturbance, have made Gull Point particularly attractive to significant concentrations of migrating shorebird populations and at least 32 plant species of special concern.

PROJECT STATUS AND PROJECTED SCHEDULE: Annual beach nourishment program is an important feature of the shoreline protection project. Annual ground surveys and aerial photographs are used to monitor the beaches, shoreline and offshore bottom contours. Then, plans are developed for placing sand to repair eroded beaches and ensure the continued growth that preserves the Gull Point ecology. In 1996, approximately 13,300 cubic yards (20,000 tons) of sand will be placed along various beaches to maintain their design profile.

USFWS EFFORTS AND DATES NEEDED: The required effort will constitute a Level One inventory which will be conducted in sufficient detail to determine general plant and animal

composition, extent and acreage of vegetative types (such as beaches, wetlands, and woodlands among others), soil types, and the presence of special concern species. "Special concern species" include any species which is listed, or proposed for listing, as threatened or endangered by the U.S. Fish and Wildlife Service under the provisions of the Endangered Species Act; any species covered by the Migratory Bird Treaty; any species designated by the USFWS as "Category 1 and 2 Candidate species" or "sensitive species"; and any species which is listed and protected by State statute in a category implying potential endangerment or extinction.

□ Task 1 (Habitat Mapping). Using May 8, 1995 and forthcoming April 1996 aerial photographs (1":400') supplied by the Buffalo District, USFWS will map the location and areal extent of aquatic, wetland, and terrestrial habitats. The following cover types will be delineated:

- Beach
- Deciduous Forest
- Herbaceous Rangeland
- Sandy Areas other than Beach
- Shrub/Brush Rangeland
- Transportation
- Aquatic Bed Wetland
- Emergent Wetland
- Forested Wetland
- Scrub/Shrub Wetland
- Water

Aerial photograph interpretation will be verified with field inspections. [20 staff/days]

□ Task 2 (Literature Review). A literature review of recent (1991-95) fish and wildlife surveys of the Gull Point area. This review will be used to document the occurrence and relative abundance of aquatic and terrestrial animal species (fish, birds, amphibians, reptiles, mammals) found at Gull Point and in the nearshore zone (i.e., 500-foot buffer zone). Specific attention will be given to the occurrence of threatened or endangered, or special status species, or their critical habitat, especially piping plover (Charadrius melodus) nesting habitat.

The results of the International Shorebird Survey will be referenced for this report. This data may be obtained from:

Manomet Bird Conservatory
P.O. Box 1770
Manomet, MA 02360
Mr. Brian Harrington (508)224-6521

Other sources of information which will be referenced include "Presque Isle State Park Pilot Geographic Information System" (PADER, October 1994) and "Presque Isle State Park Resource Management Plan" (PADER, May 1993).

Coordination/consultation will also be maintained with:

Pennsylvania Department of Environmental Resources
Presque Isle State Park
Peninsula Road
Erie, PA 16501
Harry Leslie (814)871-4251

Presque Isle Audubon Society
P.O. Box 1723
Erie, PA 16507
Patricia Maggi, President (814)454-7191

Western Pennsylvania Conservancy
316 Fourth Avenue
Pittsburgh, PA 15222
Paul G. Weigman, Director (412)288-2777

Cleveland Museum of Natural History
Wade Oval
University Circle
Cleveland, OH 44106
James K. Bissell, Curator of Botany (216)231-4600

[10 staff/days]

□ Task 3 (Report Preparation). Using the Planning Aid Report completed by the USFWS in August 1991 as a basis of analysis, conduct a comparative evaluation of relative habitat changes on Gull Point in the five years since project construction (period of analysis: Spring 1991 - Spring 1996). The report should include maps displaying the areal extent of the various habitat types existing at Gull Point, area calculations (in acres) and estimations of acreage change for each type since 1991, and an inventory of the wildlife species utilizing the area and their relative abundances. The designations "common/few/uncommon/rare" will be used to designate their relative frequency of occurrence within the study area. This inventory will be of sufficient detail to document any project-related impacts on Gull Point, or the lack thereof. The report will identify needs for any additional data/information required for future survey efforts.

Field investigations will be conducted during May-June 1996 and a draft report will be submitted to the Corps of Engineers by August 30, 1996. After review of the report and any necessary revisions, a final report will be due on September 20, 1996.

[10 staff/days]

FY96 FUNDING:

40 Staff/Days at \$ 257 /Staff/Day = \$ 10,280

Biologist
Day

Support Services (90%) = \$ 9,252

Subtotal = \$ 19,532

Overhead (38%) = \$ 7,423

TOTAL = \$ 26,955



COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA FISH & BOAT COMMISSION
Bureau of Property & Facilities Management
450 Robinson Lane
Bellefonte, PA 16823-9616
(814) 359-5152

March 29, 1996

Tri-County Regional Planning Commission
Dauphin County Veterans Memorial Office Building
Christina E. Fackler
Seventh Floor
Harrisburg, PA 17101

Subject: Susquehanna River Conservation Plan

Dear Ms. Fackler:

Enclosed is the new Fishing and Boating Map for your use. As we discussed, there are no stream habitat improvement projects located in the Susquehanna River.

If you have any questions, please call me at 814-359-5157.

Sincerely,

Richard M. Mulfinger
Richard M. Mulfinger, P.E.
Fishing & Boating Facilities
Design Section

dw

Enclosure

c: File



COMMONWEALTH OF PENNSYLVANIA
PENNSYLVANIA FISH & BOAT COMMISSION
Division of Fisheries Management
450 Robinson Lane
Bellefonte, PA 16823-9620
(814) 359-5110

IN REPLY REFER TO
PNDI# 1751

September 24, 1996

TRI-COUNTY REGIONAL PLANNING COMMISSION
Christina Fackler
112 Market Street, 7th Floor
Harrisburg, PA 17101-2015

Dear Ms. Fackler:

**RE: Environmental Assessment
Department of Conservation and Natural Resources Grant
River Conservation, Enhancement, Economic Development, Planning and Zoning
and/or Restoration Projects
Dauphin County, Pennsylvania**

I have examined the maps accompanying your recent correspondence which shows the location for the proposed above referenced projects.

Presently, none of the fishes, amphibians or reptiles we list as endangered or threatened are known to occur at or in the immediate vicinity of these study areas.

To allow faster processing of PNDI reviews in the future, we are requesting that the attached form be completed and returned to this office together with other relevant project information. Please make copies of this form and use them whenever the need arises. Please note that the PFBC conducts PNDI reviews **only for reptiles, amphibians, fishes, and aquatic invertebrates**. Reviews concerning other natural resources must be submitted to other appropriate agencies. Thank you in advance for your cooperation.

Sincerely,

Andrew L. Shiels
Nongame and Endangered Species Unit

GR/sal

Encl. (1)

COMMONWEALTH OF PENNSYLVANIA
FISH AND BOAT COMMISSION

- A. This form provides the site information necessary to perform a computer search for species of special concern listed under the Endangered Species Act of 1973, the Wild Resource Conservation Act, the Pennsylvania Fish and Boat Code or the Wildlife Code.
- B. Complete the information below and mail to:

Andrew L. Shiels
Herpetology, Endangered Species and Triploid Grass Carp Coordinator
PA Fish and Boat Commission
450 Robinson Lane
Bellefonte, PA 16823
(814) 359-5113

- C. This form and accompanying maps should be sent to the above address for environmental reviews that **only concern reptiles, amphibians, fishes and aquatic invertebrates**. Reviews for other natural resources must be submitted to other appropriate agencies.
- D. The absence of recorded information from our files does not necessarily imply actual conditions on site. Future field investigations could alter this determination. The information contained in our files is routinely updated. A review is valid for one year.

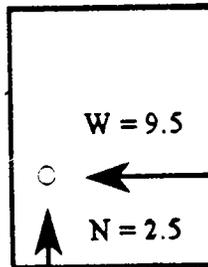
Please print or type
Applicant's Name: _____ Company: _____
Address: _____ Phone (8:00 AM to 4:00 PM): _____

Project Description: _____
Co: _____ Twp/Municipality: _____

Name of the United States Geological Survey (U.S.G.S.) 7.5 Minute Quadrangle Map Where project is located: _____
Project size (in acres): _____

Indicate the location of approximate project center on the U.S.G.S. Quad map by measuring in inches (to nearest one-tenth) from the **lower right corner** of the actual U.S.G.S. Quad map.

- North (Up) _____ inches
- West (to the left) _____ inches



(Example, not to scale)

Use only **one** form for each proposed project or location.
Attach an 8.5" by 11" photocopy (**DO NOT REDUCE**) of the section of the U.S.G.S. Quadrangle Map which identifies the project location and outlines the approximate boundaries of the project.

FOR PFBC USE ONLY



SCOPE OF WORK (DRAFT)
SUSQUEHANNA RIVER ISLAND INVENTORY
 for the
SUSQUEHANNA RIVER CONSERVATION PLAN

6600 York Road
Baltimore, Md. 21212
 (410) 377-6270
 Fax (410) 377-7144

225 Pine Street
Harrisburg, Pa. 17101
 (717) 236-8825
 Fax (717) 236-9019

P.O. Box 1981
Richmond, Va. 23216
 (804) 775-0951
 Fax (804) 775-0954

Chesapeake Regional
 Information Service:
 1-800-662-CRIS

Task 1- Background and Inventory Prep.

- Obtain Island Ownership Information (via Game Commission)
- Refine/Prepare Inventory Document and Strategy
- Obtain Inventory Base Maps, aerial photos and GPS

Task 2 - Island Inventory

Assess:

- Location
- Ownership
- Accessibility
- Noise
- Vegetation
- Existing campsites, amenities, and condition
- Fauna (consult PNDI)
- Clearings
- Site Elevation
- Soil Conditions
- Hazards
- Environmental Constraints
- Archeological (also consult PHMC)
- Misc. observations/Campsite (water trail) suitability comments

Task 3- Report and Mapping Assistance

Costs:

Staff Time: 120 hours @ \$ 20/hr =	\$2400
FICA (salary x .0765) =	184
Travel	150
Materials	450
TOTAL	\$3184

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Frances H. Flanigan

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Susquehanna River Conservation Plan
Concerns Questionnaire

Submitted by: Brook Lenker
Pennsylvania Watershed Projects Coordinator
Alliance for the Chesapeake Bay, Inc.

TOPICS OF CONCERN (ISSUE/CONCERN)

1. **Missed Recreational Opportunity**. The Susquehanna River through Northern Dauphin County is a grand resource. The river is wide and shallow. Rocky riffles interrupt calmer stretches providing exciting challenges to paddle craft. Farmlands, small towns, and mountains offer a quite scenic backdrop for river-based activities. The numerous islands (an estimated 386 in Dauphin County) contain many suitable sites for camping and day use and the majority are in public ownership. Coves and passageways around the islands beckon to be explored. Diverse wildlife, even uncommon species like Bald Eagles and Beavers, are easily observable. Historic structures and a rich heritage further enhance the area.

Unfortunately, this section of the Susquehanna has been underutilized and its full recreation potential untapped. Motorized boating and fishing are common activities. Camping also occurs. Shallow conditions, especially problematic during low-flow periods, are a natural limitation to significant expansion of motorized boating. The advent of jet-drive boats could increase use, but the cost of such watercraft may minimize their adoption. Air boats are common and renowned for their noise. They may be an unattractive option to some potential users. Damming the river would increase the depth, but with tremendous environmental impact.

The responsible encouragement of more passive use such as fishing, canoeing, kayaking, and camping is strongly recommended. The river can accommodate a notable increase in these activities without exceeding physical or social carrying capacity. The establishment of a formal water trail could stimulate such use and potentially become an important ecotourism destination. The low-impact, user stewardship ethics that characterize water trails suggest they are more in tune with the concept of sustainability.

Many economic and social benefits, beyond the obvious environmental benefits, could be derived from the encouragement of passive uses and the development of a water trail. Existing users would be complemented by new users, all of whom would need food, recreational supplies, etc... As visitation increased, canoe outfitters might locate here to take advantage of the new demand. Existing vendors, from campground owners to gas stations should see an increase in business, examples of the multiplier effect of recreational expenditures. Area youth and adults would have expanded opportunities for their leisure time; Perhaps, more healthful and restorative opportunities. Documented increases in the popularity of canoeing, kayaking, fishing, and camping lend further merit to the argument that recreational opportunities are being missed.

2. **Lack of Formal Management of the River Islands**. While several islands are privately owned, most are held by the Commonwealth of Pennsylvania. A few of the public islands are designated as State Game Lands and are managed as hunting areas by the Pennsylvania Game Commission. The other public islands are not presently administered or managed by any state agency, but recreational use of these islands is commonplace.

Several of these islands contain campsites as characterized by clearings, compacted soil, fire rings, or other amenities, sometimes including elaborate shelter structures. At some sites, overuse and/or poor camping practices may result in improper disposal of human waste, aesthetic deterioration, soil erosion, destruction of vegetation, user conflicts, and disruption of wildlife. Such occurrences may diminish the experience of the next visitor to the site. Ironically, some islands suitable for camping are not being used for recreation.

While too much use could be detrimental to the islands and the river, overall recreational carrying capacity of the islands is likely to greatly exceed current use levels. Many more people would probably participate in river recreation, including camping, if they were aware of the opportunities that are available. Some system of passive management and resource promotion (accompanied by education strategies on low-impact camping techniques) could increase recreational use and increase resource protection and stewardship.

*"Now I see the secret of the making of the best persons.
It is to grow in the open air, and to eat and sleep with the earth."*

-Walt Whitman

3. **Lack of River Awareness**. As an employee of the Alliance for the Chesapeake Bay, Inc., a group working to educate citizens about their watersheds, I am aware of general lack of public understanding of the Susquehanna River. Some "locals" may be knowledgeable of the geography of the nearest stretches of the river or they may be well versed in river-related history. Perhaps, they even know some things about local flora and fauna, but, in general, the public lacks awareness about their relationship to the river. They often do not realize how different water quality problems and ecological problems are related to their lifestyles or their land use and recreation practices. They may be ignorant of their connection to the Chesapeake Bay, including their role in polluting it. There are often gross misperceptions about the river (i.e. The river is dirty, the river is dangerous, etc...).

A water trail project would educate users about the river through publications and trail brochures and guides. Educational signage might also be used. User stewardship would be encouraged and the formation of a water trail membership organization would foster further commitment to resource protection. Through development of a formal trail, a venue for positive river experiences will have been created, a vehicle for building resource appreciation.

4. Lack of River Access. In the approximately 20 river miles from the mouth of Mahantango Creek to the Clark's Ferry Bridge at Peter's Mountain, there are only three boat launches on the East bank of the river (Dauphin County). There are no launches in Dauphin County above Millersburg (The next East bank launch is near Sunbury) . Only the Pennsylvania Fish and Boat Commission launch between Millersburg and Halifax has large-scale parking. The municipally-owned launch in Halifax is obscure and difficult to find. Much of the shoreline along these 20 miles is in private ownership limiting access for fishing and the enjoyment of river scenery.

Such a beautiful stretch of river certainly warrants additional and/ or upgraded launch facilities that beckon and welcome users, enhancing their recreational experience. More launches present opportunities to customize trip lengths to better meet the needs and or experience levels of boaters, campers, or fisherman. Adequate shoreline access would decrease the probability for conflicts with private landowners (less trespassing). Conservation and/or recreation easements, the establishment of riverside greenways, and the upgrade or acquisition of riverfront parks would alleviate access problems. The dedication of these riparian lands to parkland also preserves their aesthetic integrity and insures a more pleasant viewshed from the water.

SUSQUEHANNA RIVER CONSERVATION PLAN "KICK-OFF MEETING"

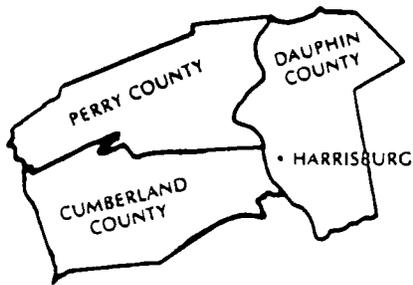
To All Project Participants:

The Department of Conservation and Natural Resources has given the "OK" to begin the River Conservation Plan project for the Susquehanna River. A meeting will be held at the Millersburg High School, Room 118, on Church Street in Millersburg Borough (see map on back), at 7:00 p.m., Wednesday, February 28, 1996.

The "Kick-Off" meeting will enable the Tri-County Regional Planning Commission to meet all interested parties and begin to develop an agenda to best suit those wanting to participate in the project. This plan is project-oriented, and we expect there will be plenty of project ideas; so bring your ideas, bring other interested parties, and most of all bring yourself. For more information, please contact Tina at 717-234-2639.

TRI-COUNTY REGIONAL PLANNING COMMISSION

Dauphin County Veterans Memorial Office Building
7th Floor, Harrisburg, Pennsylvania
Telephone 717-234-2639



FAX NO: 234-4058

DATE: 1/30/94
TO: Patriot News
ATTN: Legal Meeting Notice

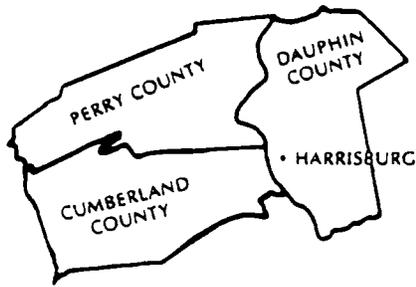
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SIGNED BY: Lina

TRI-COUNTY REGIONAL PLANNING COMMISSION



Dauphin County Veterans Memorial Office Building
7th Floor, Harrisburg, Pennsylvania
Telephone 717-234-2639

FAX NO: 234-4058

DATE: 1/30/96

TO: Upper Dauphin Sentinel

ATTN: Meeting Notice

NUMBER OF PAGES 2 (INCLUDING COVER)

RE: Please publish at your earliest convenience & send proof of publication

PROGRAM: DC-SRCP

LONG DISTANCE #: 692-2420

SIGNED BY: Lina

Proof of Publication of Notice in The Patriot and The Evening News and The Sunday Patriot-News

Under Act No. 587, Approved May 16, 1929.

Commonwealth of Pennsylvania, } ss:
County of Dauphin

..... Michael Morrow being duly sworn according to law, deposes and says:
Asst. Controller

That he is the of THE PATRIOT - NEWS CO., a corporation organized and existing under the laws of the Commonwealth of Pennsylvania, with its principal office and place of business at 812 to 818 Market Street, in the City of Harrisburg, County of Dauphin, State of Pennsylvania, owner and publisher of THE PATRIOT and THE EVENING NEWS and the SUNDAY PATRIOT-NEWS newspapers of general circulation, printed and published at 812 to 818 Market Street, in the City, County and State aforesaid; that THE PATRIOT and THE EVENING NEWS and the SUNDAY PATRIOT-NEWS were established March 4th, 1854, and February 15th, 1917 and September 18th, 1949, respectively, and all have been continuously published ever since;

That the printed notice or publication which is securely attached hereto is exactly as printed and published in their regular editions and issues which appeared on the 2nd day of February 1996.

That neither he nor said Company is interested in the subject matter of said printed notice or advertising, and that all of the allegations of this statement as to the time, place and character of publication are true; and

That he has personal knowledge of the facts aforesaid and is duly authorized and empowered to verify this statement on behalf of The Patriot-News Co. aforesaid by virtue and pursuant to a resolution unanimously passed and adopted severally by the stockholders and board of directors of the said Company and subsequently duly recorded in the office for the Recording of Deeds in and for said County of Dauphin in Miscellaneous Book "M", Volume 14, Page 317.

Copy of Notice or Publication

Meeting Notices

MEETING NOTICE

ALL ARE INVITED TO ATTEND!
The Tri-County Regional Planning Commission (TCRPC) is holding a meeting at the Millersburg High School, Room 118 on Wednesday, February 28, 1996, 7:00 p.m.
The Department of Conservation and Natural Resources has awarded a grant to the DCRPC for the conservation of the Susquehanna River Corridor. All municipal officials, interested groups, or citizens are urged to attend. This project "KICK-OFF" meeting will invite all to participate in the planning process. Please contact TCRPC at 717-234-2639 for additional information.

[Signature]

Sworn to and subscribed before me this 8th day of February A. D. 1996

Notary Seal
Terry L. Russell, Notary Public
Harrisburg, Dauphin County
My Commission Expires June 6, 1998
Member, Pennsylvania Association of Notaries

[Signature]
Notary Public

My commission expires

Statement of Advertising Costs

Tri-County Regional Planning Commission
Harrisburg, PA 17101
To THE PATRIOT-NEWS CO., Dr.

For publishing the notice or publication attached hereto on the	
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Probating same - - - - -	\$..... 1.00
Total - - - - -	\$..... 44.96

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THE PATRIOT-NEWS CO.

By

PROOF OF PUBLICATION of Notice in Upper Dauphin Sentinel

510 UNION STREET, MILLERSBURG, PA.

(Under Act. No. 587. Approved May 16, 1929, P.L. 1784 As Amended)

State of Pennsylvania }
County of Dauphin } ss:

Kocher Enterprises, Inc.

The owner of the Upper Dauphin Sentinel, of the County and State aforesaid, being duly sworn and according to law, deposes and says that the Upper Dauphin Sentinel, published in the Borough of Millersburg, County and State aforesaid, was established in the month of June, 1884, and since that date has been regularly issued in said County, and that the printed notice or publication attached hereto is exactly the same as was printed and published in the regular editions and issues of the said Upper Dauphin Sentinel on the following dates, viz:

February 6, 1996.

Affiant further deposes that he is the owner of the Upper Dauphin Sentinel, a periodical of general circulation, to verify the foregoing statement under oath, and that neither the affiant nor the Upper Dauphin Sentinel is interested in the subject matter of the aforesaid notice or advertisement, and that all allegations in the foregoing statement as to time, place and character of publication are true.

MEETING NOTICE

All are invited to attend!

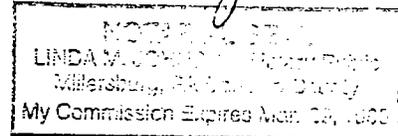
The Tri-County Regional Planning Commission (TCRPC) is holding a meeting at the Millersburg High School, Room 118 on Wednesday, February 18, 1996, 7:00 p.m.

The Department of Conservation and Natural Resources has awarded a grant to the DCRPC for the conservation of the Susquehanna River Corridor. All municipal officials, interested groups, or citizens are urged to attend. This project "Kickoff" meeting will invite all to participate in the planning process. Please contact TCRPC at 717-234-2639 for additional information.

2-6-1t

Ben L. Koehler
Sworn to and subscribed before me this, 7th
Day of February, 1996.

Linda M. Johnson



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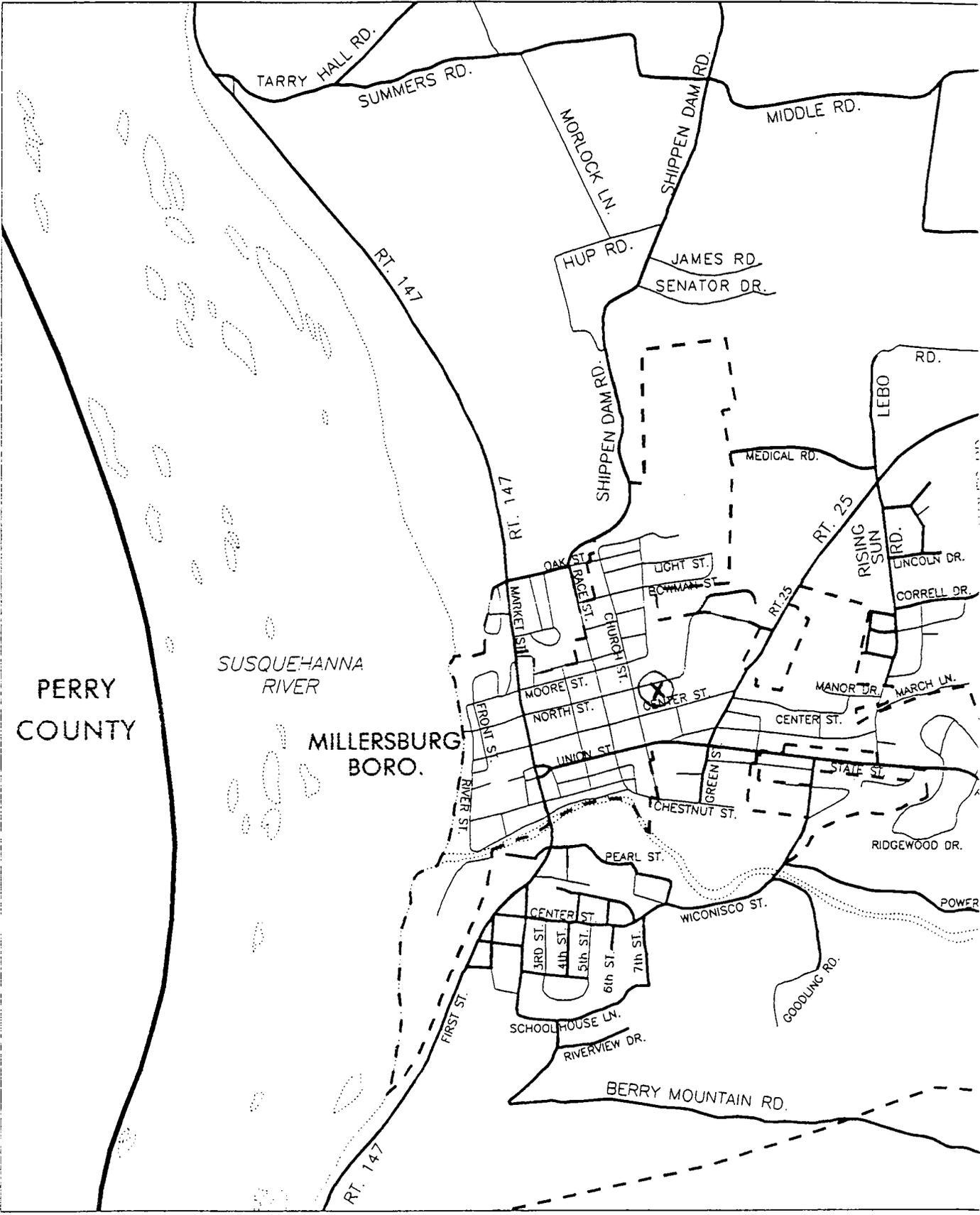
By Ben L. Koehler
UPPER DAUPHIN SENTINEL

MEETING NOTICE

ALL ARE INVITED TO ATTEND!

The Tri-County Regional Planning Commission (TCRPC) is holding a meeting at the Millersburg High School, Room 118 on Wednesday, February 28, 1996, 7:00 p.m.

The Department of Conservation and Natural Resources has awarded a grant to the DCRPC for the conservation of the Susquehanna River Corridor. All municipal officials, interested groups, or citizens are urged to attend. This project "KICK-OFF" meeting will invite all to participate in the planning process. Please contact TCRPC at 717-234-2639 for additional information.



PERRY COUNTY

SUSQUEHANNA RIVER

MILLERSBURG BORO.

TARRY HALL RD.

SUMMERS RD.

MORLOCK LN.

SHIPPEN DAM RD.

MIDDLE RD.

RT. 147

HUP RD.

JAMES RD.
SENATOR DR.

SHIPPEN DAM RD.

RT. 147

MEDICAL RD.

RT. 25

RISING SUN RD.

RD.

LEBO

OAK ST.

LIGHT ST.

MARKET ST.

FACE ST.

BOYMAN ST.

CHURCH ST.

MOORE ST.

NORTH ST.

CENTER ST.

CENTER ST.

STATE ST.

FRONT ST.

UNION ST.

CHESTNUT ST.

MANOR DR.

MARCH LN.

RIDGEWOOD DR.

PEARL ST.

CENTER ST.

WICONISCO ST.

POWER

3RD ST.

4th ST.

5th ST.

6th ST.

7th ST.

SCHOOLHOUSE LN.

RIVERVIEW DR.

GOODLING RD.

BERRY MOUNTAIN RD.

RT. 147

FIRST ST.

SUSQUEHANNA RIVER CONSERVATION PLAN

Initial Meeting: 2/28/96

<u>Name</u>	<u>Organization</u>	<u>Phone (optional)</u>
JOHN ORR	DAUPHIN Co. CONSERVATION DIST.	921-8100
Jim Bullock	MILLERSBURG BORO.	692-4713
Frank H. Felbaum	Ned Smith Center for Nature & Art	783-1639
* Jeff Ewlers	HALLTAX BORO	896-8074
Jouise James	Upper Dauphin Sentinel	692-4737
Jim Szymborski	TCRPC	

SUSQUEHANNA RIVER CONSERVATION PLAN

WORKSHOP DISCUSSION

- Introductions
- Develop a round table of discussion

Topics:

1. Issues of concern and their impacts
2. Discuss how to prioritize them
3. Develop a project list and start descriptions
I need: detail of project description and location and significance of the project in terms of River Conservation, economic value and community need.
4. Set up meeting dates with project contact persons for site view and photo opportunity.

MEETING MINUTES
SUSQUEHANNA RIVER CONSERVATION PLAN
February 28, 1996

Meeting Began: 6:45 P.M.

Attendees: Christina E. Fackler, TCRPC
James Szymborski, TCRPC
Jeff Enders, Halifax Borough
Jim Bullock, Millersburg Borough
John Orr, DCCD
Frank H. Felbaum, Ned Smith Center
Louise Jame, Upper Dauphin Sentinel

Fackler, TCRPC, gave an extensive overview of the PA River's Conservation Program and it's 9-step process to follow. She also identified eligible projects, the program's time frame and corridor development.

Some of the initial project suggestions are:

- ▶ Halifax Borough - boat access area and river shoreline clean-up
- ▶ Millersburg Borough - Ferry boat landing improvements, park expansion and stabilization, boat access, park connection and enhancement program
- ▶ Dauphin County Conservation District - Water quality monitoring program to be associated with watershed management studies.
- ▶ Ned Smith Center - hiking, biking, rails to trails, greenbelt from Myo Park to the Ned Smith Center along the Wiconisco Creek.
Streambank stabilization.
- ▶ Tall Timbers Trail development, identify historic structures along the canal, canal restoration, bring water back to the canal for recreation purposes.
- ▶ Establish private sector groups within the corridor for economic development.
- ▶ Island tourism development for nature observation and camping.

Additional contacts were noted:

Scott Weidensaul
Paula Young- Millersburg Chamber of Commerce and Ferry Boat Association
Millersburg Boat Association
Calvin Teats, Millersburg Gun & Conservation Club
Bob Lolly, Halifax Regional Park Authority

Meeting Closed at 8:30 P.M.

Upper Dauphin Sentinel
Fax: 692-2420
Attn: Legal Notice Section

Please Publish as soon as possible and send the proof-of-publication at your earliest convenience.

PUBLIC MEETING NOTICE

The Tri-County Regional Planning Commission (TCRPC) will be holding an informal workshop for interested persons, non-profit groups or agencies, and local officials who have an interest in preserving the coastal areas of the Susquehanna River. Please be willing to involve yourself in group discussions concerning: preservation issues, area concerns and project development. All ideas are welcome where as citizen participation is a must!

The meeting will be held in the Council Meeting Room of the Halifax Borough Building located on 2nd and Armstrong Streets in Halifax Borough on June 6 at 9:00AM. Please contact Tina at the TCRPC office at 717.234.2639 for additional information.

PUBLIC MEETING NOTICE

The Tri-County Regional Planning Commission (TCRPC) will be holding an informal workshop for interested persons, non-profit groups or agencies, and local officials who have an interest in preserving the coastal areas of the Susquehanna River. Please be willing to involve yourself in group discussions concerning: preservation issues, area concerns and project development. All ideas are welcome where as citizen participation is a must!

The meeting will be held in the Council Meeting Room of the Halifax Borough Building located on 2nd and Armstrong Streets in Halifax Borough on June 6 at 9:00AM. Please contact Tina at the TCRPC office at 717.234.2639 for additional information.

PROOF OF PUBLICATION of Notice in Upper Dauphin Sentinel

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(Under Act. No. 587. Approved May 16, 1929, P.L. 1784 As Amended)

State of Pennsylvania }
County of Dauphin } ss:

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May 14, 1996.

Affiant further deposes that he is the owner of the Upper Dauphin Sentinel, a periodical of general circulation, to verify the foregoing statement under oath, and that neither the affiant nor the Upper Dauphin Sentinel is interested in the subject matter of the aforesaid notice or advertisement, and that all allegations in the foregoing statement as to time, place and character of publication are true.

PUBLIC MEETING NOTICE

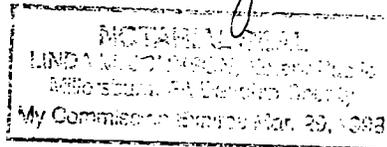
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5-14-1t

Ben L. Koehler

Sworn to and subscribed before me this 16th
Day of May, 1996.

Linda M. Johnson



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To UPPER DAUPHIN SENTINEL

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By Ben L. Koehler
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5-14-21

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n, kitchen, and living
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a month. First floor
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2 bedrooms, kitchen,
room and 2 living
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month. No pets
ad. Advanced
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Jim!!

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4-30-3p

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OR SHOE STORE. Choose:
Jean/sportswear, bridal,
lingerie, westernwear, ladies,
men's, large sizes, infant/
preteen, petite, dancewear/
aerobic, maternity, or acces-
sories store. Over 2000 name
brands. \$26,900 to \$38,900:
Inventory, training, fixtures,
grand opening, etc. Can open
15 days. Mr. Loughlin (612)
888-6555.

5-14-1p

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5-7-1txp

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NESS. Hot market! \$200
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A HAPPILY MARRIED couple
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es to the child we wish to
adopt. We offer love, security
and college education. Call
Bobbie Anne collect: 1-610-
370-3061.

5-14-1txp

POLICE CORRUPTION:
COVERUPS. Video coming
soon case Houser v Houser
vs. Harrisburg Police Dept.,
Sheriff's Dept., Allstate Ins.
Company Dresher PA actual
documents and interviews
with M. Houser, militia former
police officer, former police
informants also included
actual footage on Waco
scenes and investigative
review on the Unabomber
info. Please send \$50.00 to
Matthew Houser at P.O. Box
140, Halifax PA 17032-140.
Please allow 14 weeks for
production and delivery of
video. Your video will come
certified mail only. Reserve
your video now. 1000 videos
will be reserved in PA area.
(Due to other interested
parties and cases, we will be
adding them to the video part
#3. There will be a short
delay in production.)

5-7-2p

Personals

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CLUB. Thousands of mem-
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5-14-3p

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5-14-1txp

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betic supplies? Take advan-
tage of your Medicare bene-
fits. Call Liberty Medical
Supply. No HMOs.
Satisfaction guaranteed. 1-
800-762-8026, mention 2038.

5-14-1txp

Lost & Found

Lost & Found ads

all quantities are more or
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Proposals must be on forms
furnished by the Township.
Bid must be accompanied by
certified check or bid bond in
the amount of 10%. All mate-
rials must be in compliance
with PennDOT Regulations.
All truck drivers must be in
CDL compliance. Application
with rubber tire roller.
BIDS MUST BE RECEIVED
BY 3:00 P.M. MAY 23, 1996
at 1652 Powells Valley Road,
Halifax PA or mailed to:
Wayne Township, PO Box E,
Halifax PA 17032.

All proposals will be opened
at approximately 7:45 p.m. on
May 23, 1996 at the Wayne
Township Community Build-
ing.
The Township reserves the
right to reject any and all
bids.

Shirley B. Radel,
Sec.
Wayne Township
Dauphin County
5-7-2t

PUBLIC MEETING NOTICE

The Tri-County Regional
Planning Commission
(TCRPC) will be holding an
informal workshop for inter-
ested persons, non-profit
groups or agencies, and local
officials who have an interest
in preserving the coastal
areas of the Susquehanna
River. Please be willing to
involve yourself in group dis-
cussions concerning: pres-
ervation issues, area concerns
and project development. All
ideas are welcome where as
citizen participation is a must!
The meeting will be held in
the Council Meeting Room of
the Halifax Borough Building
located on 2nd and Arm-
strong Streets in Halifax Bor-
ough on June 6, at 9:00 a.m.
Please contact Tina at the
TCRPC office at 717-234-
2639 for additional informa-
tion.

ESTATE NOTICE

LETTERS TESTAMENTARY
in the Estate of RAY E.
HARTMAN, late of the Town-
ship of Lykens, County of
Dauphin and Commonwealth
of Pennsylvania, deceased,
having been granted to the
undersigned, all persons
debted to said Estate are
requested to make immediate
payment, and those having
claims to present the same
without delay to:

Eddie A. Hartman, Executor
PO Box 51
Gratz PA 17030
Richard R. Hartman,
Executor
PO Box 11

Bloomsburg PA 17815
William Clair Neagley
R.R.#2 Box 257
Elliotsburg PA 17029
Alma C. Gair
198 Senator Drive
Millersburg PA 17061,
CoExecutors

Or to:
Earl Richard Etzweiler, Esq.
105 N. Front Street
Harrisburg PA 17101
(717) 234-5600

ESTATE NOTICE

LETTERS TESTAMENTARY
in the Estate of SARAH I.
URICH, a/k/a SARAH IRENE
URICH, late of Halifax Town-
ship, County of Dauphin and
Commonwealth of Pennsyl-
vania, deceased, having
been granted to the under-
signed, all persons indebted
to said Estate are requested
to make immediate payment,
and those having claims to
present the same without
delay to:

Karen Sue McCormick
Executrix
264 Rutter Road
Halifax, PA 17032

Or To:
Terrence J. Kerwin, Esq.
Kerwin & Kerwin
RR01 Box 566
East Main Street
Elizabethville, PA 17023
5-14-3t

More Classifieds - Next Page

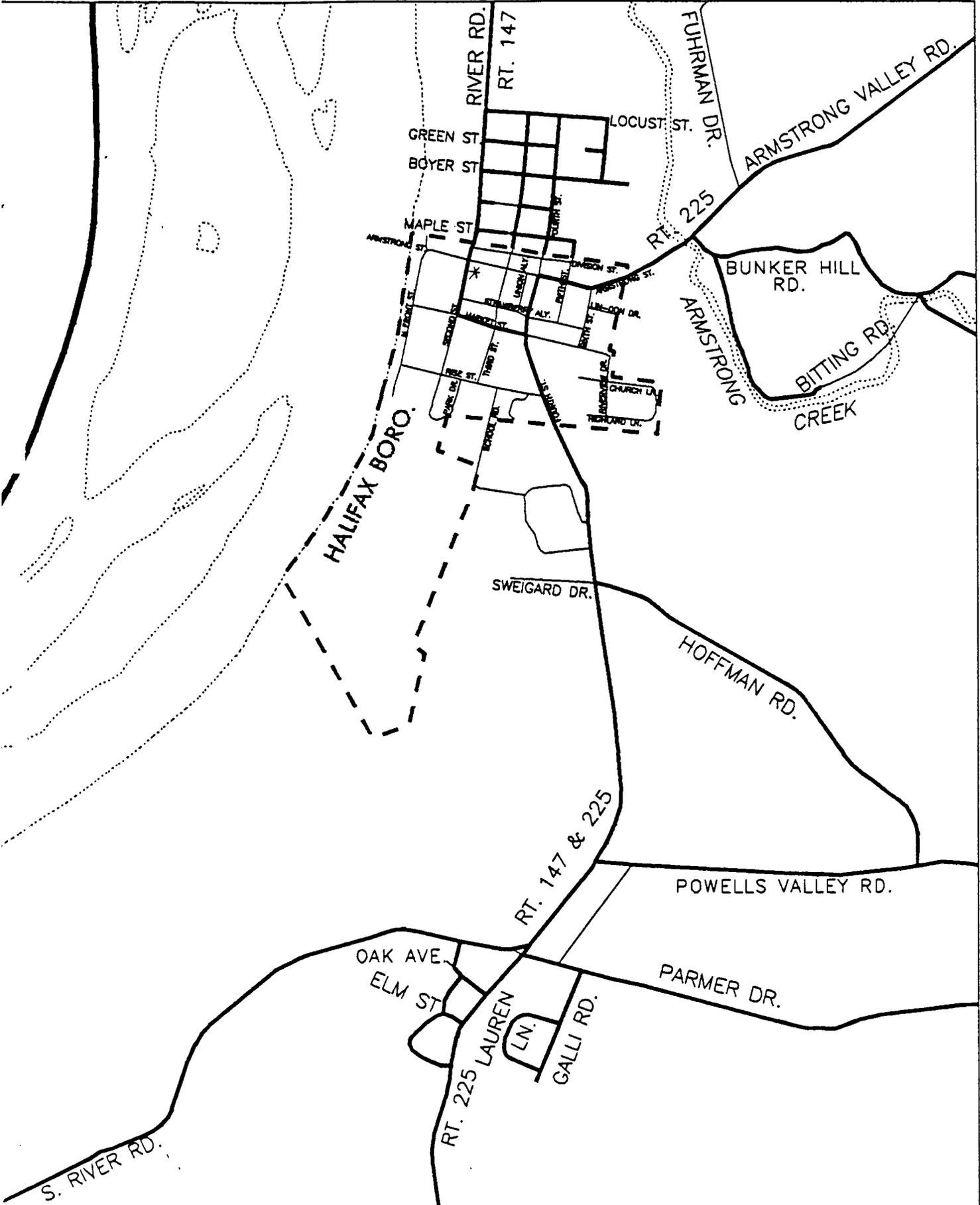
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After 5:00 P.M.

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Upstate Capital 1-800-545-5772

LOANS
CONTINENTAL
CONSUMER

* MEETING LOCATION



MEETING MINUTES
SUSQUEHANNA RIVER CONSERVATION PLAN
JUNE 6, 1996

Meeting Began: 9:15 A.M.

Attendees: Christina E. Fackler, TCRPC

James Szymborski, TCRPC

Jeff Enders, Halifax Borough

Charles Robbins, Millersburg

Jim Bullock, Millersburg Borough

Paula Young, Millersburg Chamber of Commerce and Ferry Boat Assoc.

Brook Lenker, Alliance for Chesapeake Bay

Bob Christoff, DCCD

John Orr, DCCD

Diane Hassinger, Ned Smith Center

Gil Hirshel, SRBC

Lewis Butts, PHMC

Fackler gave a brief overview of the project intent, purpose, goals, eligible projects. Critical issues and concerns were addressed (see attached handout). Fackler addressed each meeting attendee what reasons brought them to the meeting and a brief description of his or her group or organization's potential project.

Paula Young, with the Millersburg Chamber of Commerce and Millersburg Ferry Boat Association addressed the Millersburg Ferry needs. Potential projects include:

- ▶ New retaining wall for the ferry boat landing
- ▶ New ferry boat dock
- ▶ Ferry boat improvements

Ms. Young also gave Fackler a contact name (Doug McKeeby, Chair, Ferry Boat Association) for exact project details.

Mr. Bullock, Millersburg Borough Council, discussed potential projects which included:

- ▶ Improvements to the Myo Park and Riverfront Park.
- ▶ Start a Park Beatification Program to step-by-step rehabilitate and enhance the park system.
- ▶ Correct stormwater runoff and problem areas.
- ▶ Resolve the silt build up problems just south of the mouth of the Wiconisco Creek.

- ▶ Rehabilitate the coal barge landing.

Diane Hassinger, Ned Smith Nature Center, wants to connect the County Park to the River Front Park by proposing a trail (potential greenway) along the Wiconisco Creek. The center discussed a proposal to do more water quality studies and initiate stream bank protection projects and education.

Charlie Robbins, a resident of Millersburg area, has independently broke ground for his "Tall Timbers Trail" just south of the Wiconisco Creek along the old Union Canal bed. He has been clearing the trail for the past twenty years and would like assistance in finishing the trail. His ultimate goal is to connect the River Front Park in Millersburg with his "Tall Timbers Trail" and would like to enhance the trail by doing more clearing and eventually bring water back into the canal for fishing and other passive recreation and aesthetic reasons. He also is concerned about the trail being handicap accessible and access to the Susquehanna River.

Jeff Enders of Halifax Borough Council noted that the ownership of the property abutting the river is owned by the Borough. Council would like to initiate river enhancement projects such as riverfront clean-up, new boat landings and better public access.

Brook Lenker of the Alliance of the Chesapeake Bay, Rivers Coordinator, is involved with ecotourism recreation and would like to discuss the possibility of creating a Island Trail including the islands within the study corridor. The project's idea is to allow interested individuals to canoe or boat from island to island for the purpose of sightseeing, picnicing and or camping. His group is going to preliminarily map potential islands within the corridor and discuss ideas for camping facilities and corridor set-up. The main goal of the trail is to incorporate this recreation in the State's Recreation Plan and well as the Dauphin County Recreation and Open Space Plan. Lenker also noted that most of the islands are already publically owned by the PA Game Commission.

Other projects discussed were: Develop and plan additional public access points along the Susquehanna River; initiate a greenway study from Halifax to Millersburg; water quality water monitoring stations along the River; habitat restoration, and buffer creation.

Meeting adjourned 11:00 A.M.

Appointments Made:

Tuesday 11, 9:00AM meet with Jeff Enders to visit Borough property and Haldman Island

Thursday 13, 9:00 AM meet with Mr. Robbins to walk his trail and discuss his potential project.

Call Millersburg, Jim Bullock to schedule appoint to visit site and discuss projects. Ask:

- where stormwater problems are
- Ferry boat area improvements
- Park improvements
- Beautification program (what to include within it)
- Areas of silt build-up

Call Lenker for specific project details ask if addition key people could be invited.

Contact Upper Paxton and Halifax Township if they would like to schedule some time with me to discuss problem areas, concerns and potential solutions and projects

Contact Ned Smith's, Felbaum to discuss the overall connection to their mission.

Upper Dauphin Sentinel
Fax: 692-2420
Attn: Legal Notice Section

SUSQUEHANNA RIVER CONSERVATION PLAN PUBLIC MEETING NOTICE

The Tri-County Regional Planning Commission staff (TCRPC) will be holding a public meeting for all interested persons, non-profit groups or agencies, and local officials who have concerns about river preservation along the coastal areas of the Susquehanna River. The meeting will be held in the Council Meeting Room of the Millersburg Borough Municipal Building located on 101 West Street, just off the square on February 6 at 10:00 A.M.

A preliminary Findings Report revealing resource data, issues and concerns, and project information was distributed to parties of interest and each municipal governing board in the river corridor who participated. New interest groups and or municipal projects are welcome to contribute to the planning process - It's not to late!

There will be a small presentation by the TCRPC staff of the projects and report findings and a informational slide show exhibit. R.S.V.P. by mail or phone as soon as possible. Please contact Tina at the TCRPC office at 717.234.2639 for additional project and or meeting information.

UPPER DAUPHIN SENTINEL

510 Union Street
Millersburg, Pennsylvania
17061
692-4737



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84 As Amended)

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Commission

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7171

Sus. River Conservation plan public meeting

Dauphin Sentinel, of the County and State
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nce that date has been regularly issued in
s was printed and published in the regular

Affiant further deposes that he is the owner of the Upper Dauphin Sentinel, a periodical of general circulation, to verify the foregoing statement under oath, and that neither the affiant nor the Upper Dauphin Sentinel is interested in the subject matter of the aforesaid notice or advertisement, and that all allegations in the foregoing statement as to time, place and character of publication are true.

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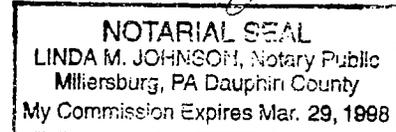
RECEIPT FOR A
The Upper Dc
certifies that tl

1-21-11

Ben L. Kaley

Sworn to and subscribed before me this 22nd
Day of January, 1997.

Linda M. Johnson



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attached hereto on the above
stated dates \$ 26.55
Probating same \$ 2.50

To UPPER DAUPHIN SENTINEL

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Probating same \$ 2.50
Total \$ 29.05

general circulation, hereby acknowledges receipt of the aforesaid notice and publication costs and

By *Ben L. Kaley*
UPPER DAUPHIN SENTINEL

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510 UNION STREET, MILLERSBURG, PA.
(Under Act. No. 587. Approved May 16, 1929, P.L. 1784 As Amended)

State of Pennsylvania } ss:
County of Dauphin

Kocher Enterprises, Inc., The owner of the Upper Dauphin Sentinel, of the County and State aforesaid, being duly sworn and according to law, deposes and says that the Upper Dauphin Sentinel, published in the Borough of Millersburg, County and State aforesaid, was established in the month of June, 1884, and since that date has been regularly issued in said County, and that the printed notice or publication attached hereto is exactly the same as was printed and published in the regular editions and issues of the said Upper Dauphin Sentinel on the following dates, viz: _____

January 21, 1997

Affiant further deposes that he is the owner of the Upper Dauphin Sentinel, a periodical of general circulation, to verify the foregoing statement under oath, and that neither the affiant nor the Upper Dauphin Sentinel is interested in the subject matter of the aforesaid notice or advertisement, and that all allegations in the foregoing statement as to time, place and character of publication are true.

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There will be a small presentation by the TCRPC staff of the projects and report findings and an informational slide show exhibit. R.S.V.P. by mail or phone as soon as possible. Please contact Tina at the TCRPC office at 717-234-2639 for additional project and or meeting information.

Ben L. Koehler
Sworn to and subscribed before me this 22nd
Day of January, 1997
Linda M. Johnson

NOTARIAL SEAL
LINDA M. JOHNSON, Notary Public
Millersburg, PA Dauphin County
My Commission Expires Mar. 29, 1998

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By Ben L. Koehler
UPPER DAUPHIN SENTINEL

Meeting Minutes

February 6, 1997

Meeting Began: 10:00A.M.

Attendees: Christina E. Fackler, TCRPC
Jim Bullock, Millersburg Borough
John Orr, DCCD
Ed Chubb, Dauphin County Parks and Recreation
Ken Masser, Halifax Township Planning Commission
Charles Funk, Halifax Township Planning Commission
Darla B. Graff, Millersburg Borough Council
Gil Herschel, Susquehanna River Basin Commission
Brook Lenker, Alliance for the Chesapeake Bay

Fackler, TCRPC, gave a status update on the project and the Preliminary Findings Report. The report was distributed for evaluation and comment. An issues and recommendations matrix worksheet was given to each of the meeting attendees.

Fackler asked Halifax Township how their proposed project could be improved upon. Charlie Funk, Halifax Township Planning Commission, discussed the acquisition project be broken down into several planning phases. The first step or phase was to acquire the properties on the north and south sides of the Armstrong Creek. The location of the properties are at the mouth of the Creek along the Susquehanna River. The second step would involve the development of a park plan. Mr. Funk noted the plan should include a riverside trail and public access and the restoration of a lime kiln furnace located on one of the properties. The third step would be implementation of the park plan elements.

Jim Bullock, of Millersburg, identified the restoration of the Canal walls and the stabilization of the Wiconisco Creek banks to decrease existing and future silt build-up problems. Mr. Bullock also commented on the lack of funding for such projects and the need for park maintenance and partnerships. Ed Chubb mentioned the available volunteer efforts, and funding opportunities of state and local organizations such as the county prison Conservation Works Program, Central Pennsylvania Conservancy funding, Central Pennsylvania Conservation Corps, Dauphin County Challenge Grants, and the Bureau of Forestry who could help provide trees for parks and riparian buffer development projects.

Brook Lenker, Alliance for the Chesapeake Bay (ACB), gave comments on the Preliminary Findings Report. ACB would like to institute demonstration sites for Riparian Buffer development projects for lands owned by municipalities or conservation groups. Lenker wanted this to be included in the plan as potential implementation project(s). Lenker also recapped the Island Water Trail project. The trail project will involve island designation, information and educational signage, use

guidelines, trail association development, and management options. Lenker notes one management option could be "adopt an Island" where a municipality or conservation group would adopt and maintain an island. The largest obstacle of the project is undeveloped islands issues. ACB stressed the project's recreational and economic benefits.

Fackler asked if there were any issues the meeting attendees would like to add. Railroad abandonment for the rail line traversing the corridor. Charlie Funk of Halifax Township mentioned this line as a possible candidate for abandonment. Halifax Township is interested in purchasing that easement if the abandonment became a reality.

Fackler introduced the idea of a corridor conservation committee to look at specific regional issues such as:

- Parks and recreation planning
- Public access
- Economic development
- Railroad r-o-w easement purchase
- Agricultural and open space conservation planning

Fackler discussed the steps necessary to complete the conservation plan. A final draft Susquehanna River Conservation Plan would be completed and distributed. Each municipality would be given 30-40 day review period. A workshop will be held to discuss any changes or amendments. A final Public Hearing will be held and a transcript of the meeting will be prepared.

Meeting adjourned: 12:00P.M.

SIGN-UP SHEET

<u>NAME</u>	<u>MUNICIPALITY / GROUP</u>	<u>#</u>
1. Ed Chubb	Danville Co. Parks & Rec.	255-1369
2. CHARLES FUNK	HALIFAX TOWNSHIP PLANNING	896-378
3. Jim Bullard	Imby Cove.	672-4713
4. Ken Masser	Halifax Twp. P.C.	896-3192
5. Carla S. Chaff	Imby Cove	692-4713
6. Gil Hirschel	SRBC	238-0423
7. BROOK LENKER	ALLIANCE FOR THE CHESAPEAKE BAY	236-8825

SUSQUEHANNA RIVER CONSERVATION PLAN

PUBLIC MEETING AGENDA

I. Preliminary Findings Report

- Give a brief overview of the report's five (5) sections
- Discuss issues and concerns
- Review project proposals
- Review the preliminary alternative management matrix

II. Rate Issues and Concerns

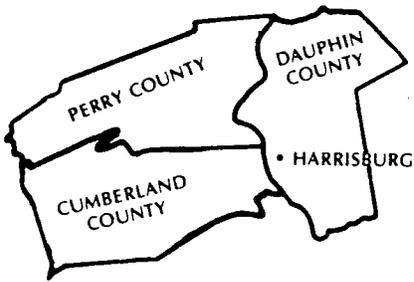
- Choose the top five (5) issues
- Rate the top five (5) issues

III. Project Prioritization

- Relate priority issues to project proposals

TRI-COUNTY REGIONAL PLANNING COMMISSION

Dauphin County Veterans Memorial Office Building
7th Floor, Harrisburg, Pennsylvania
Telephone 717-234-2639



FAX NO: 234-4058

DATE: 8/13/97

TO: Upper Dauphin Sentinel

ATTN: Legal Notice Section & Press Release

NUMBER OF PAGES 1 (INCLUDING COVER)

RE: Susquehanna River Cessw. Plan

PROGRAM: Sp. Proj. - SRCP

FAX NUMBER: 692-2420

SIGNED BY: Jina Fackler

Please publish as soon as possible both
Legal & as a Press Release. Forward the
proof-of-publication at your earliest
convenience.

Upper Dauphin Sentinel
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Attn: Legal Notice Section

SUSQUEHANNA RIVER CONSERVATION PLAN PUBLIC MEETING NOTICE

The Tri-County Regional Planning Commission staff (TCRPC) will be holding a public meeting for all interested persons, non-profit groups or agencies, and local officials who have concerns about river preservation along the coastal areas of the Susquehanna River. The meeting will be held in the Halifax Township Building located on 214 North River Road, adjacent to Wilets on September 18, 7:00 P.M.

The draft plan will be presented to the public through a slide show presentation followed by open discussions. Project information was distributed to parties of interest and each municipal governing board in the river corridor. New interest groups and or municipal projects are welcome to contribute to the planning process - It's not to late!

R.S.V.P. by mail or phone as soon as possible. Please contact Tina at the TCRPC office at 717.234.2639 for additional project and or meeting information.

PROOF OF PUBLICATION of Notice in Upper Dauphin Sentinel

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(Under Act. No. 587. Approved May 16, 1929, P.L. 1784 As Amended)

State of Pennsylvania } ss:
County of Dauphin

Kocher Enterprises, Inc., The owner of the Upper Dauphin Sentinel, of the County and State aforesaid, being duly sworn and according to law, deposes and says that the Upper Dauphin Sentinel, published in the Borough of Millersburg, County and State aforesaid, was established in the month of June, 1884, and since that date has been regularly issued in said County, and that the printed notice or publication attached hereto is exactly the same as was printed and published in the regular editions and issues of the said Upper Dauphin Sentinel on the following dates, viz: _____

August 19, 1997.

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PUBLIC MEETING NOTICE

The Tri-County Regional Planning Commission staff (TCRPC) will be holding a public meeting for all interested persons, non-profit groups or agencies, and local officials who have concerns about river preservation along the coastal areas of the Susquehanna River. The meeting will held in the Halifax Township Building located on 214 North River Road, adjacent to Willets, on September 18, 7:00 PM.

The draft plan will be presented to the public through a slide show presentation followed by open discussions. Project information was distributed to parties of interest and each municipal governing boards in the river corridor. New interest groups and projects are still welcome in the planning process - It's not too late!

R.S.V.P. by mail or phone as soon as possible. Please contact Tina at the TCRPC office at 717-234-2639 for additional project and/or meeting information.

8-19-11

[Signature]
Sworn to and subscribed before me this 20th
Day of August, 1997.

Linda M. Johnson

NOTARIAL SEAL
LINDA M. JOHNSON, Notary Public
Millersburg, PA Dauphin County
My Commission Expires Mar. 29, 1998

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By [Signature]
UPPER DAUPHIN SENTINEL

Tri-County commission to hold public meeting

HALIFAX - The Tri-County Regional Planning Commission staff (TCRPC) will hold a public meeting for all interested people, non-profit groups or agencies and local officials who have concerns about river preservation along the coastal areas of the Susquehanna River.

The meeting will be held in the Halifax Twp. Building located at 214 N. River Road, adjacent to Willits Thursday, Sept. 18 at 7 p.m.

The draft plan will be presented to the public through a

slide show presentation followed by open discussions. Project information was distributed to parties of interest and each municipal and governing boards in the river corridor. New interest groups and projects still are welcome in the planning process.

People who are interested are urged to RSVP by mail or phone as soon as possible. Contact Tina at the TCRPC office at 234-2639 for additional project and/or meeting information.

PUBLIC MEETING ANNOUNCEMENT

SUSQUEHANNA RIVER CONSERVATION PLAN

The Tri-County Regional Planning Commission staff (TCRPC) will be holding a public meeting for all interested persons, non-profit groups or agencies, and local officials who have concerns about river preservation along the coastal areas of the Susquehanna River. The meeting will be held in the Halifax Township Building located on 214 North River Road, adjacent to Wilets on September 18, 1997, 7:00 p.m.

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R.S.V.P. by mail or phone as soon as possible. Please contact Tina Fackler at the Tri-County Regional Planning Commission office at 717-234-2639 for additional project and/or meeting information.

Sign Inx

<u>Name</u>	<u>Address / Affiliation</u>	<u>#</u>
Eugene Tobias	519 S. Market St Mbg, Pa.	
Charles Robbins	837 Rising Sun Lane Mbg	
Gil Hirschel	SRBC, 1721 N. Front St. Harrisburg Pa 17102	
Pat Devlin	Alliance for the Ches. Bay 225 Pine St. Hbg 17101	
John Orr	1451 Petros Mt. Rd Dauphin Co. Co Assessor Dauphin, PA 17018	
Tom Lauer	932 N. Lima Rd Halifax Twp, Superior	
CHARLES FUNK	HALIFAX TOWNSHIP PLANNING COMM	
LARRY KAUFMAN	Halifax Twp Planning Comm	
Jim Bullock	Mbg Ferryboat Assoc.	
Darla Graf	Millersburg - Berco	

MEETING MINUTES
SUSQUEHANNA RIVER CONSERVATION PLAN
SEPTEMBER 18, 1997

Meeting Began: 7:00 p.m.

Attendees: Eugene Tobias
Charles Robbins
Gil Hirschel
Pat Devlin
John Orr
Tom Laurer
Charles Funk
Larry Kaufman
Jim Bullock
Darla Graff

An overall explanation of the program and its planning process was discussed and shown through a slide presentation.

The slide presentation included:

- Project issues and concerns
- Possible projects
- Matrix of the types of projects, solutions and potential funding sources

An Alternative Management Options Matrix was distributed and discussed.

The meeting became open to questions and/or changes to the plan.

Specific changes to the plan were:

- Meeting minutes of June 6th change. The Millersburg Ferry Association has reservations concerning the language associated with the Millersburg Ferry proposed projects. The section of the minutes discussing a new retaining wall should be deleted. The State Historic Preservation Office may have concerns if the boat or landing area changes. Portions of the text should also be changed in page 3-3 and 5-4. The retaining wall issue remained a topic of concern. Charles Robbins and Jim Bullock gave suggestions on future retaining wall solutions. Tina Fackler (TCRPC) noted the Army Corps of Engineers should be notified of any proposals.
- Charlie Funk and Larry Kaufman of the Halifax Township Planning Commission expressed their concerns over property acquisition and/or easement purchase. Problems to overcome are: private property issues; wetland disturbance; and rail line abandonment.

Project Fundability.

Meeting attendees addressed the issue of future funding sources. Monies for ordinance adjustment, easement and/or land acquisition. Tina Fackler noted the Rivers Conservation Plan would always be a source of funding as long as the project is included in the plan.

Millersburg Ferry Boat Association noted their interest.

Tina Fackler asked if there were any further questions. The time schedule for plan submission was tentatively set for December or January. It was noted that Tina Fackler will answer questions or comments personally or they can be sent or faxed to the Tri-County Planning Commission Office.

Meeting adjourned: 8:20 p.m.

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NOTICE Public Hearing set for Susquehanna River Conservation Plan

The Tri-County Regional Planning Commission has completed the final draft of the Susquehanna River Conservation Plan and will be holding a Public Hearing at the Millersburg Borough Building on 101 West Street at 7:00 p.m. January 27, 1998. A brief discussion of the plan and a slide presentation will take place at the meeting.

Please take time to come to the meeting and support your municipality or group in the development of future conservation and recreation projects. The public hearing will be the last chance to discuss any final concerns and changes to the plan you may have.

A few of the projects proposed in the plan include:

- Regional, Intermunicipal and Local Planning
- Halifax Borough Riverfront Park Plan
- Millersburg Borough Park Beautification Plan
- Millersburg Ferry Boat-Landing access design and construction.
- Coal Barge Removal in Millersburg

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Susquehanna River Conservation Plan

Sign In.

Name	Org. address	Telephone #
JOHN ORR	DAUPHIN COUNTY CONSERVATION DIST 1451 PEARMES MT. RD. DAUPHIN PA 17018 35 S. THIRD ST. HALIFAX PA 17032	921-8100
Durward Miller		896-3693
ROBERT BLOSSER	POB-X, HALIFAX PA 1556 ARMSTRONG C VLY RD HALIFAX, PA	896-8800
CHARLES FUNK	411 North St Millersburg	896-3783
Mark L Hoffman		692-2887
Laurie James	Sentinel M Bury Dauphin Co. Parks & Rec	692-737
Ed Chubb	100 FORT HUNTER RD HDG Sus. R. Basin Commission 1721 N Front St. Harrisburg Pa 17102 P.O. Box 93 (Millersburg Ferry Boat)	599-5188
Gil Hirschal		238-0423
Beth Allen	Millersburg, PA 17061	692-2442
Dale B Shaff	442 Center St millersburg PA 17061	692-4711
Jeff Euders	HALIFAX Bc 10 17032	896-8074

1/27/98

PUBLIC HEARING AGENDA

What is the plan about?

- Give slide presentation
- Discus project potentials and management options
- Open meeting to a formal comment period

Where do we go from here?

After final comments are given, considered and incorporated - January - the project will move into step 8. Resolutions of Support.

Step 9 requires Tri-County Planning Commission to formally submit to DCNR with the petition for inclusion into the PA River's Conservation Registry.

When can municipalities and or groups apply for grant monies?

The petition review process may take several months - March through May. However if a municipality feels they are able to prepare a proper grant application and secure 50% of the funding DCNR is willing to accept project submissions in August. The grant round begins in August and closes in November.

What are submission requirements?

DCNR requires every application to include a resolution of project support from that municipality or non-profit group. Each application takes approximately 3 months to prepare. The grant will be awarded in March (approximate date). One million dollars is earmarked for 1998's grant round and there is no maximum amount set per application requirement. A municipality may apply for one planning grant and one acquisition or development grant during one grant round.

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NOTICE

Public Hearing set for Susquehanna River Conservation Plan

The Tri-County Regional Planning Commission has completed the final draft of the Susquehanna River Conservation Plan and will be holding a Public Hearing at the Millersburg Borough Building on 101 West Street at 7:00 p.m. January 27, 1998. A brief discussion of the plan and a slide presentation will take place at the meeting.

Please take time to come to the meeting and support your municipality or group in the development of future conservation and recreation projects. The public hearing will be the last chance to discuss any final concerns and changes to the plan you may have.

A few of the projects proposed in the plan include:

- Regional and Municipal Conservation Educational Planning
- Riparian Buffer Development Study
- Riverside Greenway Plan
- Susquehanna River Island Water Trail

Please contact Tina Fackler at (717) 234-2639 for plan or meeting information.

12-30-11

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certifies that

Ben L. ...

Sworn to and subscribed before me this 31st
Day of December, 1997

Diane E. Wiest

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DIANE E. WIEST, Notary Public
Elizabethville Boro, Dauphin County
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PUBLIC HEARING SET FOR
SUSQUEHANNA RIVER CONSERVATION PLAN

Please mark your calanders to attend the Public Hearing for the Susquehanna River Conservation Plan. The meeting will be held at the Millersburg Borough Municipal Building on 101 West Street at 7:00 p.m. on January the 27th.

A brief discussion of the plan and a slide presentation will take place. A public statement period will be held to allow for final public input.

Please take the time to come and support your municipality and or group in the finalization of the Plan and to formally prepare a submission to the Department of Conservation and Natural Resources.

1 TRI-COUNTY REGIONAL PLANNING COMMISSION

2 PUBLIC HEARING

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Verbatim transcript of public
hearing held at 101 West Street,
Millersburg, Pennsylvania, on
Tuesday,

10

11

January 27, 1998

12

7:07 p.m.

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* * *

14

15 PRESENTED BY: CHRISTINA E. FACKLER, Planner III

16 ATTENDANCE:

17 John Orr, Dauphin County Conservation District

Durward Miller, Halifax

18 Charles Funk, Halifax

Mark L. Hoffman, Millersburg

19 Louise James, Sentinel, Millersburg

Ed Chubb, Dauphin County Parks & Recreation

20 Gil Hirschel, Susquehanna River Basin Commission

Beth Allen, Operations Manager, Millersburg Ferry Boat

21 Association

Darla B. Groff, Millersburg

22 Jeff Enders, Halifax Borough

23

CAPITAL CITY REPORTING SERVICE

8150 Derry Street, Suite C

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PUBLIC HEARING AGENDA

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1 MS. FACKLER: I am going to call this
2 meeting to order so we can get to see if there's any
3 last concerns that we have of the project, and open it
4 up for formal public comment, and then I would like to
5 go from there as far as where do we go from here, the
6 steps that are lastly involved, and have final rap up
7 of the meeting.

8 Tonight's our public hearing. This is the
9 last phase of what we need to do with this project.

10 The project started probably in March of
11 96. I held it up a little bit because I had a baby,
12 but just a little bit, and so this is the last phase,
13 and the whole project deals with conservation of the
14 Susquehanna River, and we chose this stretch of the
15 Susquehanna River because of the fact that development
16 and local ordinances -- there really wasn't that
17 pressure -- that development pressure like there is
18 and was down the southern links within Dauphin County
19 of the Susquehanna River.

20 So the Dauphin County Commissioners thought
21 this would with be a good idea to set in place a plan
22 for those municipalities if they want to apply for
23 future funding for conservation measures for the river
24 area, that this funding would be available to them in
25 future years.

1 So while I was putting the project together,
2 I thought it would be really nice to present
3 everything in a slide show because sometimes pictures
4 say a lot more so than words do, and there is a
5 planning process I had to go through to meet DCNR's
6 basic standards to put this plan together. So some of
7 it is formal, but some of it is informal when it deals
8 with the actual project work that may come out of this
9 plan.

10 And so I will sort of just go into the slide
11 show, and really if you have any time that you want to
12 stop me or tell me anything or discuss anything, you
13 may do that, but with the public hearing process,
14 after the slide show is over, I would like to formally
15 open it up for public comment, and then if you are
16 going to make any comments about the plan, any
17 amendments or things you would like to add to the
18 plan, please state your name for the record because
19 all this transcript has to put as part of the
20 document.

21 So when I first started on the plan, I
22 thought it would be really nice to go out and actually
23 see the river. I had never actually been on a boat or
24 even on the river before, so it was interesting for me
25 to have a project like this not knowing much about the

1 Susquehanna River.

2 (New slide.)

3 So within DCNR's Rivers Conservation Program
4 there is a planning process I had to go through, and
5 when we first began, I put together the basic purpose
6 of the whole project, its objectives, and the type of
7 eligible projects within the scope of this grant --
8 this particular grant program.

9 And the basic purpose at first was to
10 coordinate a study group or team, which I did, identify
11 the significant natural and cultural features of the
12 area, the impacts of development -- existing
13 development that has occurred to recommended policies
14 and actions for conservation and restoring and
15 enhancing the river, and develop a conservation plan.

16 The basic objective to this plan is to get
17 this particular plan on the River Conservation
18 Registry to open this up for future funding for local
19 municipalities or we have a nonprofit agency who is
20 also involved within this plan to apply for grants and
21 get projects completed.

22 And this plan is a project oriented plan,
23 which is unique of DCNR's new objective in that not
24 everything is a planning document that may sit on the
25 shelf. This is one that is geared towards project

1 completion. Project initiation and completion I
2 should say.

3 So a lot of projects came out during the
4 planning process, and these are the types of projects
5 that were eligible, stream improvements, public access
6 projects, flood limitation, green way development,
7 ordinance development, anything dealing with
8 recreational development, clean up projects, water
9 quality monitoring, and any type of easement
10 purchasing.

11 (New slide.)

12 And within this planning process there is a
13 9 step -- what DCNR has this 9 step planning process,
14 and right now we are on No. 7. We are holding a
15 public hearing. We will record all the testimony and
16 everything that comes up night, and what I will do
17 after that is I will put together all the comments and
18 concerns, put them all together, and decide if they
19 were enough to initiate another meeting. If not, I
20 will incorporate those into the plan as much as I can,
21 and then we will formally submit it to DCNR.

22 With that formal submission requires
23 resolutions from various municipalities to support the
24 project being delivered over to DCNR, and then I will
25 also put together this rivers conservation petition to

1 be put on the registry.

2 (New slide.)

3 So when I first began the project, I had to
4 designate -- you know, I had this corridor, I had this
5 stretch from Upper Paxton Township down to Reed
6 Township, and I had to discover what's the most
7 important parts of the corridor. I didn't think it
8 was fair to actually designate a corridor say fifty
9 feet in or a hundred feet in from the river's edge, so
10 I took a look at all the significant features dealing
11 with hydric features, and the other environmental
12 features that I thought were pertinent to the area.
13 So I looked at wetlands, I looked a flood plane areas
14 and hydric soils.

15 It's kind of hard with this map, but I did
16 -- I have mapping up here, and I did send out copies
17 to individual persons or municipalities for them to
18 look at a little better. This is the only slide that
19 really it didn't come out on.

20 And then I overlaid that with other
21 important things like woodlands, soils that weren't
22 suitable for homes, state game lands, and slopes of
23 fifty percent or more. So when I did that overlay, it
24 sort of generated a corridor, and that's basically how
25 I came up with it, with an Atlas GIS system that we

1 have in our office.

2 (New slide.)

3 And these are some of the issues and
4 concerns that came up, flood plane development, water
5 quality, erosion, and storm water run off, and the
6 list goes on, and the concerns we had with each one of
7 those. You know, what was the problem with recreation
8 that in some areas there was a lack of recreation or a
9 formal development of any committees to do such
10 things.

11 (New slide.)

12 These are also in the plans that I sent to
13 the municipalities and interested persons in the
14 public who asked for a copy of the document. These
15 are also in there.

16 (New slide.)

17 So then we got into some project work. We
18 look here at Millersburg Borough, possibly -- and I
19 kind of named -- I gave the project a name because I
20 thought it looked better going into DCNR that, if we
21 are going to a plan, that I thought when I was talking
22 to Bullock, Jim Bullock, he had said some years ago
23 that they had talked about putting a parks
24 beautification plan in, so I just went along with
25 that, and just kept naming it that.

1 And that it was that plan -- say Millersburg
2 recreation department wants to -- decides to put
3 together this plan because they want to see all the
4 projects that might come out of it. Even though I
5 don't have an idea of what some of those projects may
6 be, DCNR has the idea within this plan, that it's
7 written in there, that they want to put this park plan
8 together, and they want to do implementation of these
9 project in years to come. So this allows then for
10 that possible fifty percent funding that they might
11 need or be looking for in the future. Do more
12 recreation for this area.

13 (New slide.)

14 And that may involve, you know, possibly the
15 development of a trail, something that is more
16 feasible for people to walk on, as well as possibly
17 being handicapped accessible.

18 (New slide.)

19 Here's just some other photos.

20 (New slide.)

21 A big project throughout all the
22 municipalities that were public assess, having better
23 public access because, as you know, the only formal
24 one really is one in Halifax Township.

25 (New slide.)

1 And I think that kind of project would
2 really require some type of interest group or local
3 municipalities gathering a couple of people together
4 and really discussing public access, where those
5 access points would go, and what all would be going
6 into development of the public access point.

7 There's some areas along the borough here
8 where things collect that I think clean up might be a
9 good idea, and some way of stopping other types of
10 things from collecting in those areas.

11 (New slide.)

12 I would like to have a look at that as far
13 as maybe the potential in the future if the park plan
14 came up with possibly boat slips or something like
15 that, they wouldn't have continuous line ups of boats
16 or if that's a problem with the borough, I don't
17 know.

18 (New slide.)

19 Some stream bank stabilization. As you
20 know, there's a swinging bridge in now. There wasn't
21 when I took this photo. The walls of the Wiconsico
22 Creek continuously year after year erode at the mouth
23 of the Wiconsico and into the Susquehanna. And
24 there's efforts every year to build backup those
25 walls, but I think some continued efforts as far as

1 something more formalized might be able to help that
2 problem.

3 (New slide.)

4 Then I kind of just wanted to note some of
5 the erosion that's taken place along some of the river
6 banks here.

7 (New slide.)

8 And this is kind of an old slide because
9 this happened right after the flood, and everything
10 was kind of I guess, you know, put okay with the park
11 again. But this is the MYO Park, and I guess if we
12 wanted to discuss any improvements to the MYO Park
13 tonight, anything else you maybe wanted to add to
14 that, we could possibly do that if maybe one had
15 discussed that at all.

16 (Two new slides.)

17 Then there's the Millersburg ferry board
18 launch and the landing area. I know we spent some CBG
19 monies to fix up the ferry boat this year, and
20 hopefully that will continue by possibly putting in a
21 launch. That really would involve the --

22 MS. ALLEN: No. That won't be this year.
23 That will have to be discussed.

24 MS. FACKLER: As far as?

25 MS. ALLEN: Any alterations made to the

1 launch or the launch site would have to be -- excuse
2 me. My name is Beth Allen. I'm the Operations
3 Manager for the Millersburg Ferry Boat Association.

4 MS. FACKLER: I would think anything you do
5 would have to go through a formal process.

6 MS. ALLEN: Well, not only that, but the
7 ferry has been turned into the register -- the
8 National Register nomination for the ferry boat.

9 MS. FACKLER: And the whole landing area,
10 right?

11 MS. ALLEN: And the whole landing area. In
12 January to the Ferry Boat Associations. So that
13 anything done will have to be within -- if we make the
14 registry, will have to be within the National
15 Register's guidelines.

16 MS. FACKLER: Yes, I'm well aware of that,
17 and I think it's good, but I think, if when the time
18 comes when you do want to formally do some more work
19 to the launch within the required limits that you
20 have --

21 MS. ALLEN: That it's there.

22 MS. FACKLER: -- that the source of funding
23 is there for you, and I don't want to eliminate it out
24 of the scope of this project.

25 MS. ALLEN: Okay.

1 MS. FACKLER: Do you understand that?

2 MS. ALLEN: Yes.

3 MS. FACKLER: Okay.

4 (New slide.)

5 And there's just another picture of the
6 area.

7 (New Slide.)

8 There's also a coal barge here that
9 Mr. Bullock had discussed that possibly it picks up
10 some debris, and possibly looking at that as a future
11 clean up project.

12 (New slide.)

13 And there's also the toe path of the Tall
14 Timbers Trail as Mr. Robertson likes to call it, which
15 is a beautiful trail that's unfinished. I think that
16 gentleman would like to see it finished, but it really
17 has to be the works of the recreation department and
18 the Council to make that a reality as far as what they
19 want to do with that trail, and how they want to
20 maintain it.

21 (New Slide.)

22 As you can see, the trail is just a
23 beautiful trail to walk through.

24 (Two new slides.)

25 And there's an overlook from the trail.

1 (New Slide.)

2 And that used to be the canal -- well, that
3 is the canal, just not used.

4 (New slide.)

5 And that's kind of where the trail ends.
6 There's a lot of brush, and he's just too tired to
7 continue with it.

8 (New slide.)

9 And there's kind of some areas where other
10 people have started to try to make the trail continue.

11 (New Slide.)

12 But it's not safe for most of hikers to walk
13 on.

14 (New Slide.)

15 And that's just a historical and cultural
16 remnant that's located within that trail. I think it
17 used to be -- he talked about it, but I'm not quite
18 sure as far as it's a coal type of thing, landing
19 thing. I'm not quite sure what it is.

20 MS. ALLEN: The coal came by rail from the
21 top, and then it was dumped.

22 MS. FACKLER: There was a spur -- a special
23 spur for that.

24 MS. ALLEN: There also limestone -- old
25 remnants of limestone.

1 MS. FACKLER: I think there's that ashy
2 stuff all over the place too from that. There's some
3 type of ash that lays around down there, and the
4 actual park actually kind of loops and comes back to
5 the MYO Park. So it's a very feasible project to have
6 done to finish that trail off.

7 (Two slides.)

8 And there we are coming back to the park.

9 (New slide.)

10 And then we have some ideas for Halifax
11 Borough, and the River Front Park Plan possibly to put
12 in this plan.

13 (New slide.)

14 Maybe some park clean up projects.

15 (Three new slides.)

16 Possibly some type of trail or something for
17 residents to be able to use and see the river a little
18 bit more.

19 (New slide.)

20 Possibly have more seating areas or
21 something created, some time of meetings areas.

22 (New slide.)

23 That's just a lookout from Halifax Borough.
24 They have got some really nice areas of the river to
25 look at from.

1 (New slide.)

2 Possibly a public access point somewhere in
3 the borough.

4 (Two new slides.)

5 And then we have a project that is supported
6 by the Alliance for the Chesapeake Bay. They have
7 been -- had a grant already approved to do a section
8 from Halifax, from the boat launch down in Halifax
9 Township to go down to the island, and this is to
10 continue it the whole up through northern Dauphin
11 County.

12 So they would like to designate -- well, the
13 word isn't designate any more -- it's to formally put
14 together some mapping that would have some islands
15 that might be better for camping than other islands
16 would be. So they are kind of starting to put
17 together this task force. Would you call it a task
18 force?

19 UNIDENTIFIED SPEAKER: More like a planning
20 committee.

21 MS. FACKLER: A planning committee to get I
22 guess thoughts and feelings on this on what would be a
23 good ideas for this island, try and hash out some of
24 the existing problems that might be with the island
25 trail, but it's a very feasible project that the state

1 and the Alliance for the Chesapeake Bay would have to
2 work together with to come up with the best solutions
3 for this, but some of the views from the river -- it
4 was a very interesting idea and concept to come up
5 with this island trail.

6 (New slide.)

7 But these are some of the views where you
8 take your boat through the different islands, and it
9 is really beautiful.

10 (Four new slides.)

11 Sometimes the river at points got really
12 low. We had to kind of walk the canoe over certain
13 areas, but I guess that probably happens yearly as far
14 as some of the water getting really low in some parts
15 of the river.

16 (Three new slides.)

17 And this is a project, the Susquehanna
18 Riverside Green Way, that most municipalities involved
19 have all thought this could potentially -- this was
20 kind of a dream kind of project, but I still thought,
21 you know, we can include it in this, and if some
22 interest and spark ever came with it, that the county
23 would be there to market the project, possibly help
24 fund the project, and, to some degree, a percentage of
25 it.

1 And I think it's a good project that could
2 see headway even as far as dealing with some rail line
3 acquisitions of those trails, making them a rails to
4 trails kind of thing, and possibly relating that to
5 the river, spurring off, and buying limited areas
6 access as it may continue in the future. I don't
7 know, but --

8 (New slide.)

9 So I have some pictures of the river side of
10 Susquehanna.

11 (New slide.)

12 I think down there is Reed Township that is
13 a sloped area. Sort of ends right in the middle of
14 Reed Township before that big slope area begins.
15 There isn't really much area to have a trail.

16 (Four new slides.)

17 There's Ed Chubb out there.

18 (New slide.)

19 This is a picture actually looking kind of
20 from land to water as far as where the trail could
21 possibly be, and what it would look like as you were
22 hiking it. I sort of thought -- but, of course, a lot
23 of it is privately owned, and I only did it on lands
24 that, you know, municipalities own.

25 (Three new slides.)

1 And at the end of this the matrix now looks
2 a lot different from that, but when I was first
3 putting up this management options matrix, I wasn't
4 quite sure of what DCNR wanted and time periods, and
5 within the plan it became a little more general
6 because municipalities -- I didn't want to put a time
7 line as to what people wanted to do because I thought
8 that was too definite, so I totally took that out, but
9 as far as the types of projects that are discussed,
10 and possibly implementation recommendations are very
11 similar, and I have a plan up here if anyone actually
12 wants to see exactly what the matrix looks like now.

13 I think the matrix actually sums up all the
14 projects, and possible recommendations for what they
15 should do, and then I also have a separate column for
16 future funding sources.

17 And I would like after this is approved by
18 DCNR to make slides available for exactly what the
19 matrix looks like now.

20 (Two new slides.)

21 And that's it with that.

22 So as for tonight, this is now a chance if
23 anyone wants to discuss any comments that they have
24 with the plan, any changes they would like to make,
25 they can stand up, say their name for the record, and

1 we will try to capture all those, and discuss them if
2 we need to tonight, and I would like to formally open
3 that up for any comments or questions that anyone
4 has.

5 We may not. We have rehashed this plan over
6 and over again, but this is the formal process I would
7 like.

8 MR. FUNK: Yes. My name is Charles Funk,
9 from Halifax Township Planning Commission.

10 A question I have the grant -- the 50
11 percent grant funding that would be available for
12 projects, could that be tied into something with the
13 conservation district as a grant for like repairing a
14 buffer or some such project if this ties into, you
15 know, the corridor that we are talking about?

16 MS. FACKLER: Yes. And I want to make it
17 clear too for the eligible -- like that funding, 50
18 percent would be available -- whatever that project
19 costs, would be available from DCNR. That other 50
20 percent, however you may feel you can come up with
21 that. Like I know PP&L puts out grants for whatever.
22 You can use municipal funds. You could use -- there
23 could be -- we haven't yet, but the Commissioners want
24 to use like a municipal challenge grant I believe they
25 are calling them. So those funding in combination

1 with DCNR's may help the effort also. That that may
2 not just be -- it's definitely not based municipally,
3 just they have to have only municipal funds to meet
4 that match. I think it could be a combination of
5 various funding sources.

6 MR. FUNK: Could I ask one other question?

7 MS. FACKLER: Sure.

8 MR. FUNK: When you say 50 percent funding,
9 you have a project approved for this funding, the
10 other 50 percent, does it have to be actual cash money
11 or can be added value in the form of somebody donates
12 supplies, somebody donates time?

13 MS. FACKLER: Yes, it can be.

14 MR. FUNK: So the grant is open to
15 interpretation, so when you apply you --

16 MS. FACKLER: You have to show that that
17 other 50 percent will be made up whether it be a
18 dollar value and, as you said, supplies. Whatever
19 that dollar amount of that amount would be for that,
20 you have to account for if anything voluntary was
21 coming about or even voluntary help if that -- a
22 dollar figure would somehow have to be matched with
23 that.

24 MR. FUNK: Right. And DCNR then would make
25 that make that distinction --

1 MS. FACKLER: Right.

2 MR. FUNK: -- that that applies.

3 MS. FACKLER: Well, and the way they have
4 their application set up, it setup so here's DCNR's
5 match, and where is yours coming from, and the lines
6 for all the different sources, whether they be
7 voluntary or actual cash.

8 And I kind of have a little thing talking
9 about like as far as how to apply for those funds
10 after this too. I have some information for those
11 local municipalities wanting to do anything. I have
12 that kind of speech prepared for that. DCNR kind of
13 -- Cave got me up to speed on what I should be
14 telling everybody on the amount of monies that is
15 available, and when to apply, and all that kind of
16 thing.

17 Is there any questions about the plan
18 itself?

19 MS. ALLEN: My name is Beth Allen. I'm
20 Operations Manager of the Millersburg Ferry Boat
21 Association.

22 I have a question in that is this similar to
23 the type of -- like the Heritage Region Park corridors
24 that DCNR has been working within an overview? I'm
25 coming in on this late.

1 MS. FACKLER: To this date, no.

2 MS. ALLEN: No.

3 MS. FACKLER: At this date. I think
4 eventually it could have an intermesh with it, but
5 right now for the fundability of the various projects
6 it's not really connected to that program. It could
7 be because of all this project working in the future.

8 MS. ALLEN: -- tied to Heritage you -- some
9 of the projects within the local municipalities,
10 correct?

11 MS. FACKLER: Could you say that again?

12 MS. ALLEN: I don't know how to say it.
13 Like the area of the river front park in Millersburg,
14 the Gun Conservation Club, some of the other areas
15 that form a more cultural landscape or a more -- that
16 are more of a historical factor, can they be expanded
17 on as well as all the green way and conservation?

18 MS. FACKLER: Yes, but I imagine -- what
19 they are doing is so privately bound as far as what
20 they are doing, it's done with private dollars and
21 private initiatives that, if it was going to be opened
22 up into anything dealing with seed programs, they
23 would have to become more publically involved, and
24 work more --

25 MS. ALLEN: Okay. So if it was taking the

1 Millersburg river front and how it integrated with the
2 community on an historical basis, and what was once
3 there, and opening that up to interpretation as far as
4 signage programs?

5 MS. FACKLER: Oh, yes. They would have to
6 really work with the municipality as far as become
7 more involved with the public because like what you
8 are thinking about it's done privately, and that if
9 that was going to opened up publicly, I'm sure they
10 would be available for, you know, other types of
11 funding, and other types of I guess initiatives as far
12 as planning-wise.

13 I guess that's all I have to say on that. I
14 would have to really understand more of what you are
15 asking, but --

16 MS. ALLEN: I guess I'm not understanding
17 it. It's kind of one of those -- I guess an example I
18 can give is say the Millersburg Ferry Boat Association
19 wanted to run some educational seminars that would
20 incorporate possibly people from the Fish and Boat
21 Commission, people from the historical society, people
22 from the Ned Smith group, that would happen as an
23 educational process to offer programs to schools.

24 MS. FACKLER: Right. Okay.

25 MS. ALLEN: Is that something that could be

1 grant funded possibly through this program?

2 MS. FACKLER: Yes, right. And I have
3 discussed it in the matrix in the back as far as
4 recreational programs, and that, in itself, was one of
5 the top issues as far as future planning and
6 education.

7 So I'm hoping that kind of part of it takes
8 off a little bit too, and I think the county can be
9 involved in that. I'm hoping that after this is done,
10 like I did for this project, I will probably go back
11 to the County Commissioners and market one of these
12 projects that the county can feasibility -- can
13 possibly do, that just to spur on -- because I know
14 there's a couple of projects that are ready to go with
15 either local municipalities or say the Alliance for
16 the Chesapeake Bay, but I would like the county to
17 have an implementation part of this too. So I'm going
18 to market that next year. Go back again.

19 MS. ALLEN: Thank you. That's basically
20 what I was --

21 MS. FACKLER: Okay.

22 MS. ALLEN: I'm coming into this very new,
23 and I'm just still trying to figure out the scope
24 of --

25 MS. FACKLER: Actually it's very plan and

1 educationally based let alone the projects because
2 those two, in itself, are projects that hopefully will
3 come out of this plan.

4 Anything else?

5 Okay. Then I want to close that part of the
6 agenda.

7 And I noted in the slide show as far as
8 where I go from here. We have the resolution part to
9 go through and this petition that I will formally be
10 submitting it, and that probably looks like probably
11 at the end of February after I -- I received some
12 information from local groups, like the Game
13 Commission, that they would like to see. So I will
14 take a look at those comments and try to incorporate
15 any if I can.

16 And then I have a section on my handout
17 noted when can municipalities or groups apply for
18 grant monies? So today I was talking with my contact
19 person. He said basically the grant round I think for
20 the next couple of years will start in August and end
21 in November.

22 So you have August, September, October and
23 November, those four months to get your applications
24 together, and whoever is doing that, I mean the county
25 has been through this whole process, knows how the

1 whole grant situation works, so definitely come back
2 to the county and we will help you. You can see
3 sample grants, what we have done, and if you need help
4 preparing them, and the whole process because you will
5 need a resolution that has been put in the paper as
6 far as what you are planning to do at that municipal
7 meeting that night or your agency. It has to be
8 publicized in some way. A resolution signed, and that
9 goes along with your application into the state.

10 Okay. The grant round begins I said in
11 August ends in November, and then you will be notified
12 probably in the beginning of the year, and then by the
13 time you get all the contracts -- like there's a
14 contact then that will go between your municipality or
15 your group and the state. That contract work only
16 takes another month. So he was basically saying like
17 March. So that's the way it's going to happen for the
18 next couple of years as far as he knows. So you can
19 kind of count on those dates.

20 And then he talked about submission
21 requirements, that it takes approximately three months
22 to prepare this. Probably two months of just getting
23 all the data together, and then the formal municipal
24 project part and resolution will take another month.

25 He says for 1998 there's -- how much did he

1 say? I have it in here. -- that a million dollars
2 has been earmarked for this fund. So there's some
3 money in it to be spent on projects. So I'm hoping to
4 get in on that too.

5 And you can also apply for two grants at the
6 same time. Like say you wanted to acquire some land,
7 and you wanted to develop it. You can apply for one
8 grant and another grant at the same time, but there's
9 -- the program is setup into a planning portion, and
10 then it's also setup into acquisition and development
11 portion, and that you can apply for one in each
12 category, but you can't apply for like two planning or
13 two development. They will do one and the other, but
14 not both at the same time. Well, if you understood
15 what I said. So there you go. But that's how the
16 whole process is going to work, and what to look
17 forward to if you are going to apply.

18 Is there any last comments or questions
19 about the process?

20 And DCNR my contact person was Terry Hough.
21 That if there's any DCNR comments, they can be
22 directed towards him, and I can get you that number if
23 you need it. I don't have it offhand, but I think I
24 have it my daytime.

25 MR. FUNK: Again, Charlie Funk, Halifax

1 Township. If in the process of looking for like a
2 green belt we get involved with private landowners,
3 okay, the scope of this would include education.

4 MS. FACKLER: We have lots of different
5 planning things can go into it.

6 THE WITNESS: Purchase of easements, what
7 about the actual adding of value to their private
8 property in an effort to like, just for example,
9 repairing a buffer? Would this grant finance as part
10 of the green way an organization like a municipality
11 or a nonprofit organization --

12 MR. FACKLER: Right. As long as it's --

13 MR. FUNK: -- actually going into someone's
14 property, and saying for an agreement with this person
15 we will put in fifty foot repairing buffer along the
16 creek or the river, whatever it may be, at our
17 expense? Is that --

18 MS. FACKLER: It would have to be your
19 municipal -- it's like 50 percent of that would have
20 to be municipal.

21 MR. FUNK: I understand that.

22 MS. FACKLER: As long as the monies weren't
23 coming from a private homeowner or something. It has
24 to be through a community initiative.

25 MR. FUNK: Well, it doesn't matter that you

1 are adding value to a private owner's property with
2 that money?

3 MS. FACKLER: Oh, I wouldn't think because
4 I think this kind of thing will add value no matter
5 what we are doing with any of these projects, but most
6 of the time -- I'm not quite sure about private land.
7 I would have to really ask on that, but if you are
8 planning on acquiring it for the green way, it would
9 have to be in that conditional --

10 MR. FUNK: Well, that wouldn't happen
11 anyway unless you had an agreement for an easement.

12 MS. FACKLER: It would have to be a
13 conditional type of approval thing.

14 MR. FUNK: Conditional. They provide
15 access across the property, you would provide the
16 buffer.

17 MS. FACKLER: Right.

18 MR. FUNK: And the maintenance of whatever
19 trail or whatever green way you want to get, yes.

20 MS. FACKLER: Yes. I would make sure to
21 include that in this plan, repairing buffer, any types
22 of projects as long as they are municipally initiated
23 and funded that they are okay within this project
24 along most of the corridor.

25 Ed.

1 MR. CHUBB: Ed Chubb with Dauphin County
2 Parks & Recreation Department.

3 I think another answer to your question
4 would be if, as long as you have a conservation
5 easement with them, something that sets aside that
6 piece of ground where they continue to own it, but as
7 long as they promise never to do anything with that,
8 and that what work you do there will stay there in
9 perpetuity, I think that's -- the grant makes for
10 those kind of conditions or those kinds of
11 situations.

12 You know, that's all a conservation easement
13 is, is basically the landowner keeps the land, but he
14 promises never to use it for anything other than
15 what's designated in the easement, and that could be
16 for repairing a forest buffer, and if you just happen
17 to go in and enhance that buffer with things that you
18 are talking about, I think that's all within the scope
19 of the program.

20 MS. FACKLER: Yes. I would imagine there
21 would be some type of -- I have never seen those
22 agreements, but it's something I haven't gotten into,
23 but I imagine that would all have to be spelled out
24 what was permitted and what isn't permitted within the
25 easement.

1 Anything else?

2 Okay. If anyone doesn't have anything else
3 to say --

4 MS. ALLEN: I have a question.

5 MS. FACKLER: Go ahead.

6 MS. ALLEN: Where do you go when you decide
7 -- where do they go, who do they contact about the
8 grant process?

9 MS. FACKLER: The whole process. This
10 would will be their Rivers Conservation Program, and I
11 have some pamphlets on it in here, and this would the
12 Bureau of Recreation & Conservation. So I have some
13 pamphlets here to give to the people as far as the
14 whole program itself, and the departments have kind of
15 churned around since they have become DCNR, but this
16 program has kind of stayed the same, at least for the
17 past two years it has.

18 And this pamphlet here has all kinds of
19 information about the whole process, but you would see
20 somebody from the Department of Parks & Recreation,
21 and they will tell you all the different sources
22 because they do have different types of projects, and
23 different types of grant programs, and you have to
24 make sure that your project fits into the right
25 category because that to me in the beginning was a

1 little confusing.

2 Any other questions about any other part of
3 the project?

4 Well, this was my last meeting with this.
5 So I'm hoping to send out resolutions with the project
6 probably mid -- hopefully in the next two weeks or so,
7 sending those to your groups and municipalities, and
8 that will -- hopefully I'm going to ask that you put
9 that on the agenda of your meetings, and then you can
10 have -- you know, talk about it at your meetings, and
11 if everything looks okay, maybe you can sign it and
12 send it back into my office, and that way I can send
13 it off to DCNR with the river petition that I have to
14 put together and the plan, and that's kind of the last
15 link to this.

16 So it's been kind of a -- a very existing
17 program because our office has never done one, and the
18 Dauphin County Conversation District will be getting
19 into it with the Wiconisco. So it is a little bit
20 lengthy, but if you can derive the right participation
21 in it, and the right types of projects, it will be a
22 really good project for you.

23 Is anyone else getting involved with river
24 conversation as far as have any applications in from
25 last year?

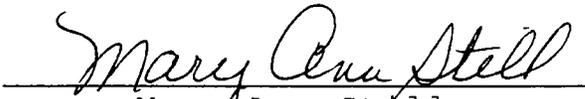
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(No response.)

Well, I guess that's it. Thank you for attending and coming out night.

(The meeting adjourned at 7:47 p.m.)

I hereby certify that the proceedings and evidence taken by me in the within matter are fully and accurately indicated in my notes, and that this is a true and correct transcript of same.


Mary Ann Still

Appendix IV - Workshop Handouts

9 - Step Planning Process

1. Conduct a informational public meeting and assemble a Study Team
2. Collect Resource Data
Physical, Natural, Institutional and Cultural data
3. Analyze and evaluate collected data
4. Develop a Preliminary Findings Report and Management Options
Including: Issues chart w/ priority rating; develop a project listing w/ descriptions, costs and financial commitments. (Workshop #2)
5. Draft Susquehanna River Conservation Plan
Including: Preliminary Findings Report, Management Options Report, Matrix of current and future projects.
6. Finalize the Plan
7. Hold Public Hearing
Record all public testimony and comments
8. Submit Plan to affected Municipalities for review
Including: Resolutions of Support
9. Submit Plan to DCNR for Approval and for Inclusion in the PA River's Conservation Registry

Public Hearing Set for Susquehanna River Conservation Plan

The Tri-County Regional Planning Commission has completed the final draft of the Susquehanna River Conservation Plan and will be holding a Public Hearing at the Millersburg Borough Building on 101 West Street at 7:00 p.m., January 27, 1998. A brief discussion of the plan and a slide presentation will take place at the meeting.

Please take time to come to the meeting and support your municipality or group in the development of future conservation and recreation projects. The public hearing will be the last chance to discuss any final concerns and changes to the plan you may have.

A few of the projects proposed in the plan include:

- Regional, Intermunicipal and Local Planning
- Halifax Borough Riverfront Park Plan
- Millersburg Borough Park Beautification Plan
- Millersburg Ferry Boat-Landing access design and construction
- Coal Barge Removal in Millersburg
- River Access Planning
- Tall Timbers Trail "Canal Tow Path" completion design and maintenance
- Streambank Stabilization
- Halifax Township Park Land Acquisition and Park Design and construction activities
- River Corridor Study Committee
- River Access Study
- Regional and/or Municipal Conservation Educational Planning
- Riparian Buffer Development Study
- Riverside Greenway Plan
- Susquehanna River Island Water Trail

Please contact Tina Fackler at (717) 234-2639 for plan or meeting information.

SUSQUEHANNA RIVER CONSERVATION PLAN

COMMUNITY PLANNING WORKSHOP

PLANNING PROCESS

PURPOSE

Coordinate a Study Team

Identify any significant physical, natural, institutional and or cultural resources found in the Susquehanna River corridor area.

Identify any threats or impacts of development.

Recommend policies and actions to conserve, restore and enhance the river's value.

Develop a Conservation Plan

OBJECTIVE

Receive Pennsylvania Rivers Conservation Registry Status

Apply for River Implementation Grants

ELIGIBLE PROJECTS

Stream Improvements/ Public Access Projects/ Flood Minimization Projects/ Greenway Development/ Ordinance Development/ Recreation Development and Equipment/ Clean-Up Projects/ Water Quality Monitoring/ Purchase of Easements

SUSQUEHANNA • RIVER • CONSERVATION • PLAN

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FEBRUARY 28 • 7:00 PM • MILLERSBURG HIGH SCHOOL

CORRIDOR DEVELOPMENT

DESCRIPTION

The Susquehanna River Conservation Plan Corridor was developed by using two primary categories: Hydric Features and Significant Environmental Features for river conservation. The two corridors overlap each other and will be eventually drawn as one depending on the outcome of workshops and public input. Existing land use was also taken into account during corridor delineation. The features of significance are as follows:

HYDRIC FEATURES

- ▶ Wetlands
- ▶ 100-Year Floodplain
- ▶ Hydric soils

OTHER ENVIRONMENTAL FEATURES

- ▶ Woodlands
- ▶ Homesite Suitability (Severe)
- ▶ State Game Lands
- ▶ Slopes of 15% or greater

ISSUES OF IMPORTANCE

SUSQUEHANNA RIVER CONSERVATION ISSUES AND CONCERNS MATRIX

RATE	ISSUES	CONCERNS
	Floodplain Development	no control over development location
	Water Quality	stormwater, nitrate and coliform contaminant levels, public health and safety
	Erosion and Stormwater runoff	uncontrolled erosion of river banks from storms or development
	Economic Opportunity	lack of promotion and river utilization
	Tourism	creation of non-residential attractions
	Natural viewshed preservation	structure and park maintenance and rehabilitation
	Recreation	lack of recreation retention and development and regional parks planning
	Land Conversions	undisturbed or agricultural lands converts to residential or commercial
	Urbanization	residential and commercial development
	Local Planning	lack of: floodplain management, buffer zone development stormwater runoff and stream bank stabilization regulation
	Regional Planning	lack regional conservation planning
		open space preservation
	Loss of Natural Buffers	riparian buffer development
	Education	conservation promotion
		river corridor preservation
		community recreation importance
		buffer creation and or retention
	Riverbank Stabilization	lack of development restraints, uncontrolled erosion, silt buildup
	Greenway Development	public support, lack of funds
	Public Access	limited access, too many unofficial temporary an ill-managed access points, public health and safety
	Protection of ecologically sensitive areas or pathways	uncontrolled development is affecting or has eliminated these areas

Rate the top seven (7) issues in order of importance. 1 Being the issue of most importance and 7 being the least.

Alternative Management Options Matrix

River Conservation Projects and Issues	Implementation Recommendations	Potential Funding Sources
Regional Intermunicipal and Local Planning	Develop a River Corridor Study Committee Regional Conservation Planning including: <ul style="list-style-type: none"> -Riverbank stabilization -Buffer zone or river corridor protection -Floodplain management -Openspace preservation -Farmland preservation -Recreation Planning -Develop a river conservation zone and model regulations 	Key 93, Planning and Implementation Grants
Halifax Borough Riverfront Park Plan	Develop a short and long term park plan.	Key 93, Planning & Implementation Grant
	Initiate volunteer educational programs for residents and the local school district involving: <ul style="list-style-type: none"> - park and tourism promotion - community clean-up projects. - conservation projects and promotion. 	<ul style="list-style-type: none"> - Key 93, Planning and Implementation Grants, - Environmental Education Grants
	Develop park management regulations for: <ul style="list-style-type: none"> - park responsibilities - park maintenance - park programs Develop a capital improvements plan to: <ul style="list-style-type: none"> - designate funding sources - annual budgeting plan 	PA Conservation Corps. (for voluntary services)
Millersburg Borough Park Beautification	<ul style="list-style-type: none"> - Develop a park plan with long and short term goals and prioritized projects. - Millersburg Ferry Boat launch design and construction. - Initiate an access study. - Analyze the existing trails and needs. Address priority of activities. - Address erosion and sedimentation control problem areas and solutions 	<ul style="list-style-type: none"> - Municipal Challenge Grant - Land and Water Conservation Fund - Key 93, Planning and Implementation Grants - Heritage Parks Program - PA Conservation Corps - PA Recreational Trails Program

Halifax Township Park Land Acquisition	<ul style="list-style-type: none"> - Acquire designated park property. - Develop a park plan. - Implement the plan's priority projects. 	<ul style="list-style-type: none"> - Key 93, Acquisition and Planning and Implementation Grants - Land and Water Conservation Fund
Initiate a River Corridor Study Committee Development	<ul style="list-style-type: none"> - Develop a list of priority issues. (public access study, conservation regulation implementation, land acquisition, stormwater management, water quality projects) 	<ul style="list-style-type: none"> - Key 93, Planning and Implementation Grant - Environmental Education Grant - Nonpoint Source Program - PA Storm Water Management Program
Regional or Municipal Conservation Education	<ul style="list-style-type: none"> - Recognize state or regional educational opportunities or municipal officials. - Organize the creation of municipal newsletters. - Initiate local or intermunicipal workshops on river corridor conservation topics. 	<ul style="list-style-type: none"> - PA Rails-to-Trails, Grant-In-Aid Program - Key 93, Acquisition Grants - Environmental Education Grant
Riparian Buffer Development	<ul style="list-style-type: none"> - Utilize the River Corridor Study Committee to designate potential sites - Design and Construction - Review current zoning to include increased design standards to conserve or replace riparian areas. 	<ul style="list-style-type: none"> - Alliance For Chesapeake Bay - Key 93, Implementation Grant - Municipal Challenge Grant - Various USDA Programs (i.e. Conservation Reserve Program, Wetland Reserve Program, Forest Stewardship Program)
Riverside Greenway Plan	<ul style="list-style-type: none"> - Utilize River Corridor Study Committee to promote project support. - Initiate fund raising and funding opportunities. - Initiate a greenway plan. - Implement the greenway plan's prioritized recommendations. 	<ul style="list-style-type: none"> - Key 93, Planning and Implementation Grants - Municipal Challenge Grants - PA Recreational Trails Program - Land and Water Conservation Fund
Alliance for Chesapeake Bay Susquehanna Island Trail	<ul style="list-style-type: none"> - Feasibility and island inventory. - Water trail association development. - Construction activities and promotional mapping (2-4 years). - Regulation development - Water trail education and promotion.(3-5 years). 	<ul style="list-style-type: none"> - Key 93, Small Community Grant - Key 93, Technical Assistance - Key 93, Planning and Implementation Grants - Land and Water Conservation Fund

Appendix V - Project and Area Press Releases



River conservation plan nears implementation

■ BY LOUISE JAMES
Staff Writer

Valentine (materials provided) at any library during regular operating hours and gave it with library staff. Identical copies will be delivered to senior citizens in Susquehanna Lutheran Village, Millersburg; Kepler Home in Elizabethtown and Berrysburg Retirement Home. The valentines must be created by Thursday, Feb. 12 for delivery. This year, the library system delivered more than 1,000 valentines through the program.

Viola "Sue" Murray visited her son Gary Blasser, his wife Janie and her grandsons Brian, Kyle and Daniel in Annandale, Va., during the Christmas and New Year's holidays. The family visited many places of interest in the Washington, D.C., area. Sue also enjoyed two snowstorms before returning to Panama, Fla., where she now resides. Sue and Gary are former Millersburg residents. Millersburg Area Senior Center will hold a public card party Thursday, Feb. 5 at 1 p.m. Refreshments will be available. There will be a seniors' bus trip to Atlantic City Tuesday, Feb. 10. Call Marie at 692-2657 for more information.

Congratulations to Drs. Jeff

Canal Towpath nature trail at MYO Park, originally carved out by resident Charles Robbins at age 93 (Sentinel, July 6, 1994), it could do so through the river conservation plan as this project was included in the study.

Under a 50/50 grant, the borough would have to put up 50 percent of the cost and would receive the balance in a grant.

Some of the other projects included in the study for preapproval were the Halifax Borough riverfront park plan; Millersburg Borough Park beautification plan; Halifax Twp. park land acquisition,

park design and construction and the Susquehanna River island water trail for boaters, canoeists and kayakers.

Christina Fackler of the Tri-County Regional Planning Commission said that the plan now is ready to submit to the state Department of Conservation and Natural Resources (DCNR) for approval and inclusion in the Pennsylvania Rivers Conservation Registry.

The state will accept applications for the grants August through November, she said.

However, a municipality may wait until next year to apply, or if it desires, it may apply both this year and next year if it has more than one

project to be completed, since matching funds are required for each project.

Once the Susquehanna River Conservation Plan has been placed on the registry, there will be no time limit in terms of years as to when a municipality may apply for grant funding for preapproved projects, Fackler said.

A million dollars has been earmarked for this grant funding, she said. This money comes to Dauphin County from the Keystone Recreation Park and Conservation Fund Act of 1993, which allows up to 10 percent of the DCNR's share of realty-transfer tax to be used for river conservation.

Ladies' auxiliary meets

MILLERSBURG — The first meeting of the year of the American Legion Auxiliary Unit No. 326 was held Jan. 21 at the American Legion Post No. 326.

An additional \$5 donation was given to the Department Scholarship Fund.

The annual Convention of the American Legion, Depart-

ment of Pennsylvania, will be held in Lancaster Thursday through Sunday, July 9 to 12. Representing American Legion Auxiliary Unit No. 326 will be Irene Hoy and Donna Black.

The next meeting of the auxiliary will be held Wednesday, Feb. 18 at the American Legion Post No. 326 at 7 p.m.

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— Chuck I

A life’s work: Preserving nature’s beauty

By Monica von Dobeneck
For The Patriot-News

At the age of 95, Charles Robbins sometimes gets tired. After two or three hours with a chainsaw, weed-whacker, shovel and wheelbarrow, he is ready to call it quits for the day.

That is one reason he would like some help in restoring the nature trail he has almost single-handedly been building through virgin timber along an old canal near MYO Park in Millersburg.

He is very proud of his trail, which he wants to name the “Tall Timbers Trail” in honor of the 150 year old trees which have “never seen ax or fire,” he says. “Look at this tree,” he said while leading a hike along the old towpath.

“You look up and it’s so tall it looks like its propping up the sky.”

Robbins is full of ideas about what to do with the trail. He would like to divert some water from the Susquehanna into the canal so the water will be clear enough to support fish instead of becoming choked with algae. He would like to build small platforms beside the canal so small children can practice fishing.

He already has the trail on the western side of the canal so smooth that a wheelchair can travel along it. He would like to make the other side just as smooth. He’d also like to clear some of the underbrush that blocks the view of the river and the mountains beyond. And he would like to research the history of the old stone foundations near the canal.

“I’m a common ordinary person, but I have imagination,” he said.

To realize his dreams, he said, he needs some government support. The trail he has cleared is on land which belongs to the borough of Millersburg, and he wants the borough to take a more active role. He has also invited representatives of the state Historical and Museum Commission and the state Department of Community Affairs to visit.

A spokesman for the Commission said the trail is not really unique enough to qualify for the national register, but suggested it might obtain some state funds through the Department of Conservation and Natural Resources, or the Dauphin County Parks and Recreation system. Official backing from the borough would

Inside

• A group of residents vision of Halifax Comm Park’s future, and they looking for funds to act that dream.—Page 21

• The Ned Smith Center Nature and Art is purch 3.8-acre site near Miller for its new home with a on a 49-acre hawk-watc site.—Page 26

help, he said.

See TRAIL — Page 1

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Information provided by Dr. Calvin Clemens and Dr. Richard Henn from Pennys Animal Clinic and Colonial Park Animal Clinic.

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Trail's not over yet, 95-year-old says

He has lots of ideas for improvements to Millersburg park

TRAIL — From Page 11

People who have worked with Robbins are already amazed at what he has accomplished. Eugene "Butch" Tobias, 75, who often drives Robbins to the park — since Robbins is legally blind — and also adds his muscle to the endeavor, remembers playing along the canal as a boy.

Robbins' wife, Sally, and brother, Earl, has also put in some time on the trail. Mostly, though, it has been Robbins.

"Can you imagine a 95-year-old man doing all this?" Tobias asked while hiking the path with Robbins.

While the towpath trail on the western side of the canal already existed, Robbins has cleared it of underbrush, filled in holes, dug up stumps, covered roots and made it smooth enough for a wheelchair. On the eastern side, he has uncovered an old roadway which was so overgrown as to be indistinguishable from the undergrowth to the sides. When he first started working there, he had to mark the path with red ribbons to find his way.

He has built several bridges over the canal with the help of nothing but a shovel and a wheelbarrow.

He has also uncovered several old structures, including the landing where freight was transferred from railroad to barge, and a "mystery room" which fascinates him. It is built of hand-hewn stone, 12 feet by 24 feet, and has an opening in one side the size and shape of a fireplace, but there is no evidence that a fire was ever built there. Maybe it was a storage room for powder used in coal mining, he speculates.

ough's shade tree commission which oversees some of Millersburg's park activities.

"I told him about the environmental club we just formed last year, and I volunteered the kids," Baker said. "It's a good experience for them. The trail is quite a resource for the community and it was neglected for a long time. It's also good for the kids to find out that 95-year-old people don't all have one foot in the ground."

"Chuck is pretty incredible. He has lots of energy, and he has a lot of good ideas," Baker said.

Baker wants to sit down with Robbins and the members of the environmental club this winter "to find out some of his dreams

and ideas."

At Borough Council meetings, councilmembers have said they support what Robbins is doing, but they can't contribute any money. Even if the borough could receive a state grant for parks, they would have to put up some of the money themselves, and money is in short supply.

"I'm on the shade tree commission, and we have such a limited budget," Baker said. "We're supposed to be in charge of trees in the parks, but we have a budget of something like \$500 a year. We have to spend most of that on pruning hazardous limbs. I'm afraid whatever happens will have to be volunteer effort."

There are also some questions about how much brush should be cleared from the banks of the canal, he said. The underbrush helps stabilize the banks, Baker said.

Robbins is no stranger to hard work. He was a maintenance supervisor for the power company before retiring 30 years ago. He has a 3,100-acre camp in Virginia, where he has cleared 46 miles of trails in the past 13 years.

And although he might be slowing down a bit, he is not about to give up on his trail. He will continue to work on it himself, and he will continue to seek outside support.

"I'm a nature guy," he said "Whenever I can I come down here and work. I like the woods."

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Top cop is again rebuffed

Halifax chief offers to quit

CHIEF — From Page 19

Perry County Prison. Of Wojciechowski, Keeler said, "I would not give him work and he shouldn't have a badge."

Council did agree to write a letter to Wojciechowski and McNeely asking them to return their equipment and badges while they are inactive.

Several citizens who attended the meeting also praised Keeler.

One of them, Keith Cooper, said he recently visited the police department and was "pleasantly surprised" by the equipment and layout. One of Keeler's first duties in Halifax was to transform an old livery stable into a modern police department at a cost of about \$400.

"Somebody is doing something right," Cooper said.

May Hoffman, whose home has been vandalized by a group of young people, said Keeler always responded promptly when he was on duty. When she calls state police, they often don't come at all, she said.

Also attending the meeting was Tom Speck, a police officer from Tower City who has applied for a job with the Halifax Police Department. Speck criticized the council for letting the investigation drag on so long.

"If there is no coverage on weekends, the kids know it," he said. "You have to take decisive action. I can't believe this has gone on as long as it has."

Keeler said that a youth gang has formed in the borough "because they know there is turmoil in the police department." One resident was beaten severely in the borough park and another was threatened with a knife, he said.

"Friday and Saturday nights are turning into a zoo," Keeler said.

Also because of the probe, some of the money from a \$19,500 grant the borough re-

Halifax parks group is working on a dream

By Monica von Dobeneck
For The Patriot-News

HALIFAX — A group of area residents has a vision of what the Halifax Community Park could become, and they are now actively seeking the funds that could help them realize their dream.

The Halifax Area Recreation Authority, which now includes members from the borough and Halifax, Reed and Wayne townships, was formed several years ago after Borough Council said Halifax could

not afford to support the park on its own.

In the last two years, the authority "got its feet on the ground and started developing plans," according to authority treasurer Robert Lawley.

"With the passage of time, the plans started coming together," he said. "We got a little momentum and then it really started to build."

Project engineer William Brubaker called the authority "very active and very committed."

Last year, the authority collected

\$35,000 from its member municipalities. This year, it is asking for \$44,000. It has also received \$20,000 through a legislative initiative grant from State Rep. Jeffrey Piccola's office, and has applied for a matching key '93 grant from the state Department of Community Affairs.

Maintenance of the park has been costing about \$10,000 a year, Lawley said, but between the budget balance and the new money coming in, the authority should have about \$35,000 to spend, even without the matching grant.

Some of the member municipalities have grumbled about the costs, and the authority has not yet heard whether Wayne and Reed townships are going to contribute. Borough Council voted to throw in its share, and Halifax Twp. has looked on the project favorably.

If all municipalities contribute their share, authority members said, there is a good chance they could achieve many of their goals even without the matching

See VISION — Page 22

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Parks group works hard to realize its dream

VISION — From Page 21

“With the passage of time, the plans started coming together. We got a little momentum and then it really started to build.”

— Authority Treasurer Robert Lawley

and are outlined.

“Nothing has been done with them for several years. It is not a pleasant experience to use them.”

Playground equipment probably will be second on the list. The authority plans to buy modular equipment, slides and swings and put proper footing underneath. The cost estimate is \$35,000.

The current playground equipment is more than 20 years old and is very user friendly. The authority has already re-

built a pavilion that collapsed under the winter snow of two years ago.

Authority members hope more people will start using the park once it becomes a nicer place. They would like eventually to hire a maintenance person to take care of the facilities, schedule bands in the evenings, and generally take a prespective stand toward attract-

ing people to the park. If that happens, one of the park's biggest problems — vandalism — could disappear. “If we have a lot of different

people using the resources, they will drive out the people vandalizing the park.”

Authority members hope to make the Halifax community a better place for everyone. I want to see a proactive approach to managing the park to bring in young kids, teenagers, young families, and people who are unable or I wouldn't be willing to spend money on this project.”

Some of the member municipalities have not been happy about having the park. Jackson has more money in the park than they have in the past. Jackson Typ. has dropped membership

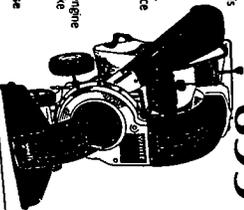
from the authority. Lawley said the authority would “welcome” the township back.

The borough of Halifax reluctantly voted to withdraw its contribution, but council questioned whether the borough would be required to donate a much every year.

Authority members said the cost of running the program are being higher than it was four years ago. The high cost of funding in the past year should not continue once the improvements are made. “I hope we can back off a little once the projects are completed,” Brubaker said. “It will cost a little more to maintain if we don't want it to fall into disrepair again, but I don't see it as much of a burden. We have had a lot of people have put in the last couple of years.”

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- Make a list of your reasons for quitting smoking and carry it with you at all times as a reminder.
- Check with your doctor about the health benefits of quitting.
- Set a definite quit date, and on that day follow the Four D's:
 - Distract yourself — keep busy
 - Deep breathing — take four slow, deep breaths in through your nose, out through your mouth.
 - Do something else — like take a walk
 - Drink water — up to 8 glasses a day. The urge to smoke will pass within 25 minutes, whether you smoke or not.

Remember, the first week is the hardest, but if you can quit for a week, you can quit for a lifetime. For information on smoking cessation classes offered to the public, call 782-4148 or 1-800-344-1007, ext. 4148.

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Conservation study planned for river

BY LOUISE JAMES
Staff Writer

MILLERSBURG - The Dauphin County Planning Commission (DCPC) kicked off its Susquehanna River Conservation Plan study with a community-planning workshop held at the Millersburg Area High School Feb. 28.

The corridor of the Susquehanna River and banks to be studied begin at the Mahantango Creek/Dauphin County line and run southward to the Clarks Ferry Bridge.

Tina Fackler, staff planner for the DCPC, said the DCPC would like to establish a greenway along this corridor of the Susquehanna.

She defined a greenway as a "publicly used corridor, mostly publicly owned or with an easement."

The state Department of Conservation and Natural Resources (DCNR) would like greenways to become more handicapped accessible, she said.

Although various municipal, environmental and other groups that could have input reportedly were invited to the community-planning workshop, only James Bullock, administrator for Millersburg Borough; Jeff Enders, Halifax Borough councilman and Frank Felbaum, president of the Ned Smith Center, attended the meeting.

In addition, John Orr, district manager of the Dauphin County Conservation District, and James Szymborski, associate director of the Tri-County Regional Planning Commission, attended.

Object of Study
Fackler said the main purpose of the study is to develop conservation plan by: identifying any significant environmental, recreational, economic, cultural and aesthetic resource and value of the river; identifying any threats; impacts of development and recommending policies and actions to conserve, restore and enhance the river's value.

The objective of such a study is to obtain Pennsylvania Rivers Conservation Registry status for this portion of the Susquehanna, Fackler said.

After the study is completed and drafted into a plan, a public hearing will be held for comments.

The plan and comments on will be reviewed by the affected municipalities, then

will be submitted to DCNR for approval and inclusion in the Pennsylvania Rivers Conservation Registry, she said.

Approval for this registry is necessary so that any proposed projects along the Susquehanna may qualify for a River Implementation Grant under the 1993 Keystone Recreation, Park and Conservation Fund (Key '93), she said.

This grant would provide the funding for community projects such as riverfront parks, Fackler said.

However, the grants are based on a 50/50 match with the governing municipality of the area (i.e., Halifax, Millersburg, etc.) putting up 50 percent of the cost, she said.

Proposed Ideas
The proposal that the DCPC submitted to the DCNR in order to receive approval for the Susquehanna River Conservation Plan study stressed physical changes and the money needed to "make it happen," Fackler said.

Some of the possible changes could be parking for fishing, public nature access, bike paths, "rehabbing" areas by buying property for parks or cleanup of existing park areas, she said.

As a part of the study, the DCPC will check to see if there are any historic properties or any endangered species in the area, she said.

"I can't do the project without the interest... and participation of others," Fackler said.

Felbaum said the project's possibilities could tie in with some of the Ned Smith Center's projects, and he could envision a hiking trail from Lykens to Halifax.

Bullock discussed Millersburg resident Charlie Robbins' proposed goals (Sentinel, July 6, 1994.) to have a handicapped-accessible hiking trail on the old towpath around the canal at MYO Park in Millersburg; and to have clean water piped from the Wiconisco Creek into the now-stagnant canal at MYO Park so it could be stocked with fish.

Further, Robbins has suggested people then could ice skate on the canal, as they did in the past, Bullock said.

Enders discussed the present boat landing and riverfront area in Halifax.

Next Meeting in April
Although the date has not yet been established, the next workshop will be held in mid- or late-April, Fackler said.

PUBLIC SALES

Every Friday at 5 p.m. at Crossroads Sale and Market, along state Route 25 between Gratz and Berrysburg will sell Miscellaneous Items. Dockey (AU-229-L) Dockey-Romberger (AU-1683-L) and Deppen (AU-1957-L), Auctioneers.

Every Tuesday evening auction will be held at Shamokin Auction House. Doors open at 5 p.m., bidding starts at 6 p.m. Located at 102 E. Independence St., Shamokin. Antiques, Collectibles, Household Items. Fredericka Williams (AU-2820-L), Auctioneer.

Thursday, March 21 at 5 p.m., located at North Market and Clearfield streets, Elizabethtown. Furniture, glassware, antiques, collectibles, tools, advertising items, toys, dishes, miscellaneous items. Richard Keister (AU-002148-L), auctioneer.

Saturday, March 23 at 10 a.m., located Fisherville Fire Co. Hall. Marlin and Frances Hockenbroch will offer 500 lots of coins. Dave Deibler (AU-001213-L) and Ed Shoop (AU-000A42-L), auctioneers.

Saturday, March 30 at 9 a.m., take Route 81 north to exit 33 and go south on Route 209 to Tower City; auction held in Cozzer's Lounge, one mile west of Tower City near Family and Friends Restaurant. Real estate consists of 2 1/2 story secluded frame home on one acre; antiques, furniture and household items. Sale ordered by Francis M. Daubert and Regina M. Zimmerman. Raymond Stump (AU-2173-L) and Suzanne Stump (AU-3132-L), auctioneers.

Saturday, March 30, show time 9 a.m. to 3 p.m., auction at 4 p.m., seventh-annual Upper Dauphin Area Farm Toy and Winross Show and Auction located at Upper Dauphin Area High School, North Church Street, Elizabethtown. Lynn Dietrich (AU-001464-L), auctioneer.

Saturday, March 30 at 10 a.m., located 511 Pottsville St., Wiconisco. Real estate, 2 1/2 story frame home with vinyl siding with five bedrooms, antiques and collectibles, household items. Estate of John M. Osman. Ethel Alvord, Executrix. Dockey (AU-229-L), Dockey-Romberger (AU-1683-L), and Deppen (AU-1957-L), auctioneers.

Saturday, March 30 at 11 a.m., located midway between Pine Grove and Schuylkill Haven, along Route 443, two miles west

of Friedensburg just off Route 443 in Wayne Twp., Schuylkill county. 36 acres with 10-room dwelling. Richard J. Gerber, owner. Mike (AU-1599-L) and George (AU-209-L) Deibert, auctioneers.

Saturday, April 6 at 9 a.m., located 175 Eighth St., Northumberland. Real estate, 2 1/2-story frame home, antiques and collectibles, collection of salt and pepper shakers, household items. Estate of Fredith A. Slear. Dockey (AU-229-L), Dockey-Romberger (AU-1683-L) and Deppen (AU-1957-L), auctioneers.

Saturday, April 6 at 9:30 a.m., located Jackson Twp., Dauphin County. From Elizabethtown take Route 225 south for one mile to Mountain House Road, go one mile to Harman Road and then one mile to sale site. Tractors, farm machinery, boats, travel trailer and camper; shop, yard and garden equipment and hand tools; guns, antique furniture and collectibles, household goods. Elsie and Lawrence E. Hoffman, owners. Faye Gelencser, power of attorney. Dave Deibler (AU-001213-L) and Ed Shoop (AU-000A42-L), auctioneers.

Saturday, April 6 at 10 a.m., located on River Street in the village of Dalmatia, Northumberland County. Lot 33x165 ft. with former double dwelling converted to single residence. Household furnishings, antiques and collectibles. 1993 Ford XLT pickup, 1989 Thunderbird. Estate of Margaret E. Bohner; Paul E. Bohner Sr., Executor. Mike (AU-1599-L) and George (AU-209-L) Deibert, auctioneers.

Saturday, April 6, at 10 a.m., Coin auction at Days Inn, located Route 11/15, Shamokin Dam near Sunbury, PA. 350+ lots of gold, silver and copper coins. Adams Auction Sales Service (AY-143-L)

Saturday, April 13 at 9 a.m., located approximately 45 miles north of Harrisburg, midway between Mandata and Dornsife, two miles south of Route 225 near the village of Urban. Real estate, Parcel No. 1 - farm, consisting of 126 acres +/- with 2 1/2 story brick and frame home; Parcel No. 2 - limestone lot. Tractors, farm equipment and related items, bee equipment, tools and miscellaneous items, vehicles, guns, antiques and collectibles, household items. Dockey (AU-229-L), Dockey-Romberger (AU-1683-L) and Deppen (AU-1957-L), auctioneers.

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EXCESS OF REVENUES				
LYKENS WATE				
DE				

CURRENT ASSETS	Cash	Demand	Time	Water Rents Receivable	Billed	Unbilled	Accrued Interest Receivable
TOTAL ASSETS							

LIABILITIES	CURRENT LIABILITIES	Notes Payable	PennVest	Accounts Payable	Due to Sewer Revenue Fund	Accrued Payroll
TOTAL LIABILITIES						
CONTRIBUTION IN AID OF FUND BALANCE						
TOTAL LIABILITIES AND FUND BALANCE						
NOT LYKENS B						

The following is a condensed results of operations and charges required by Section 8 of the M:

LYKENS SEWER CONDENSED STATEMENT YEAR EN

REVENUES	Sewer Rents	State Subsidy	Interest Income
Other			
TOTAL REVENUES			
EXPENDITURES	Operating	Administrative	Interest
TOTAL EXPENDITURES			
EXCESS OF REVENUES OR AUTHORITY EXPENSES			
AUTHORITY EXPENSES			
EXCESS OF REVENUES			
NOT LYKENS B			

The following are combined balance sheet of the Authority's results of operations for the Municipality Authorities A

LYKENS COMBIN DE

TRUST FUND ASSETS	Cash	Investments	Common Fund - U.S. Tre Obligations - at Cost
TOTAL TRUST FUND ASSETS			
LONG-TERM LEASE RECEI			
TOTAL ASSETS			

PUBLIC AUCTION



SATURDAY, AUGUST 6, 1996 AT 9:30 A.M.

LOCATED IN JACKSON TOWNSHIP, DAUPHIN COUNTY, APPROXIMATELY TWO MILES SOUTH OF ELIZABETHVILLE OR EIGHT MILES EAST OF HALIFAX. DIRECTIONS: TAKE ROUTE 225 ONE MILE SOUTH OF ELIZABETHVILLE TO MOUNTAIN HOUSE ROAD. PROCEED ONE MILE TO HARMAN ROAD, THEN ONE MILE TO SALE SITE. WATCH FOR AUCTION SIGNS.

TRACTORS, FARM MACHINERY, ETC.

TRACTORS: J.D. Model 2350 4-Cylinder Diesel Wide Front End; 3-Pl. Only 2,000 Hrs. Excellent Condition; Ford Model 800 Tractor with Souder Front End Loader Wheel Weights; New Hydraulic; Int. Farmal Super C Tractor (Rebuilt Engine Has Approx. 100 Hrs.) Live Hydraulic; Int. Farmal H Tractor with Front End Loader Live Hydraulic; Int. Farmal A Tractor (W/F/E-Very Good Condition); FARM EQUIPMENT: N.H. #66 Hay Baler; N.H. #327 130 BU Manure Spreader (PTO Driven); J.D. #300 30" Hay Elevator; J.D. 7 Scraper Blade; J.D. 3-Bottom Flow 3-Pl.; Ford 3-Bottom Flow; 3-Pl.; Int. 2-Row Corn Planter; J.D. #311 6' Bush Hog (Hydraulic Cylinder Lift); 3 Homemade Heavy Duty Wagons with Kory Running Gears; Int. Side Delivery Rake; Grain Gravity Bin Wagons; 6' Disc on Rubber (Hydraulic); J.D. 10-Hole Grain Drill on Steel; Int. Single-Row Corn Picker; Vicon Broadcast/Seeder 3-Pl.; Husky Running Gear Hydraulic Dump Wagon; 4-Section Drag Harrow 3-Pl.; Hydraulic Log Splitter for Tractor; Bale Fork 3-Pl.; Manure Spreader for Sickle Bar Mower on Steel; Homemade Dual Axle Trailer; Cement Mixer; 2-Wheel Trailer; Case 5' Sickle Bar Mower on Steel; Fertilizer Spreader on Steel; Ford Single-Row Flow, 3 Pl.; Drag Scoop, 3 Pl.; Cultivator for Super C; Front End Blade for Super C; 12' Grain Elevator on Rubber; 14' Grain Auger; Diesel Gas Tank on Skids; East Hitch Equipment; Potato Mow; Disc Sprayer with Pump; 7 Sickle Bar Mower; 2-Bottom Flow; 100 Solid State Fencers; Hole Corn Shelter; Seed Cleaner; 12' Farm Gates; 3 Int. Super; 100 Solid State Fencers; Hydraulic Cylinders; Tub Watering Trough; Fence Posts; Wagon Lots; Approximately 2 Ton Straws & 3 Ton Hay To Be Sold in Two Lots; 1977 Atlas House Trailer (As Is For Scrap); Scrap Iron; Misc. Scrap Piles & Equipment; Misc. Lumber, Rough Cut Lumber.

BOATS, TRAVEL TRAILER & CAMPER

STARRKRAFT 16' Aluminum Boat Mounted on Trailer with Mercury 650 Outboard Motor

PUBLIC AUCTION

THURSDAY EVENING, MARCH 21ST AT 5:00 PM
LOCATED AT N. MARKET & CLEARFIELD ST., ELIZABETHVILLE, PA (FORMER GOODWILL BUILDING)

FURNITURE, GLASSWARE, ANTIQUES, COLLECTIBLES, TOOLS, ADVERTISING ITEMS, MISC. ITEMS.

LE CONSISTING OF: Single Bed Box Spring & Mattress (Like New); Baby Crib; Console Heater; Hens on Nest; Depression Glass; Child's Table & Chair; Genesee; Coca-Cola Carrier & Other Coke Items; #8 Griswold Fry Pan w/Smoke; #4 Head Painted Chair; Brass Fire Ext.; Set of 4 Chrysler Hub Caps; 33-1/3; #10; Nylon Aerial Hook & Ladder Truck; Ertl Truck & Horse Trailer; Tonka; Toys in Good Shape; Erector Set; Dolls; Walking Waddy Doll; 32" Tall; Bicycle & yck; Dishes & Other Misc. Items; Some Coins And Iron Tools; Some New or Pocket Knives; Sitting Indian Statue.

DOORS OPEN AT 4:00 PM
TERMS OF SALE: CASH OR APP. CHECK
NO OUT OF STATE CHECKS.
REFRESHMENTS AVAILABLE
NOT RESPONSIBLE FOR ACCIDENTS

WE ARE NOW BOOKING AUCTIONS FOR 1996 ON SITE OR WILL MOVE TO AUCTION HOUSE. GIVE US A CALL AT 482-8822. (WE HAVE COMBINED EXPERIENCE OF 35 YEARS.) CHECK OUR COMMISSIONS BEFORE YOU SIGN. WE ARE HERE TO HELP YOU.

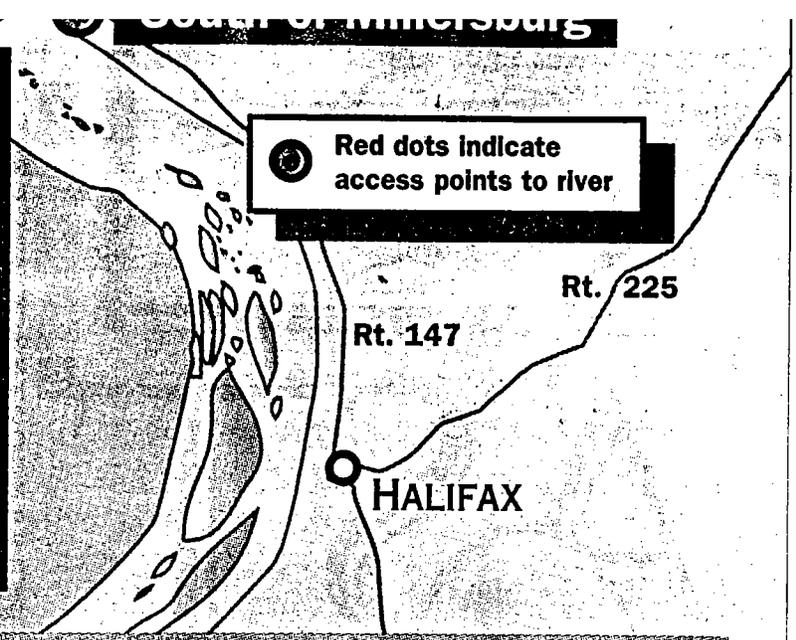
ASSIGNMENTS BEING ACCEPTED FOR FUTURE AUCTIONS (LICENSED & BONDED) PEN WEDNESDAY TO ACCEPT CONSIGNMENTS FROM 9 AM TO 1 PM.

WATER TRAIL FEATURES:

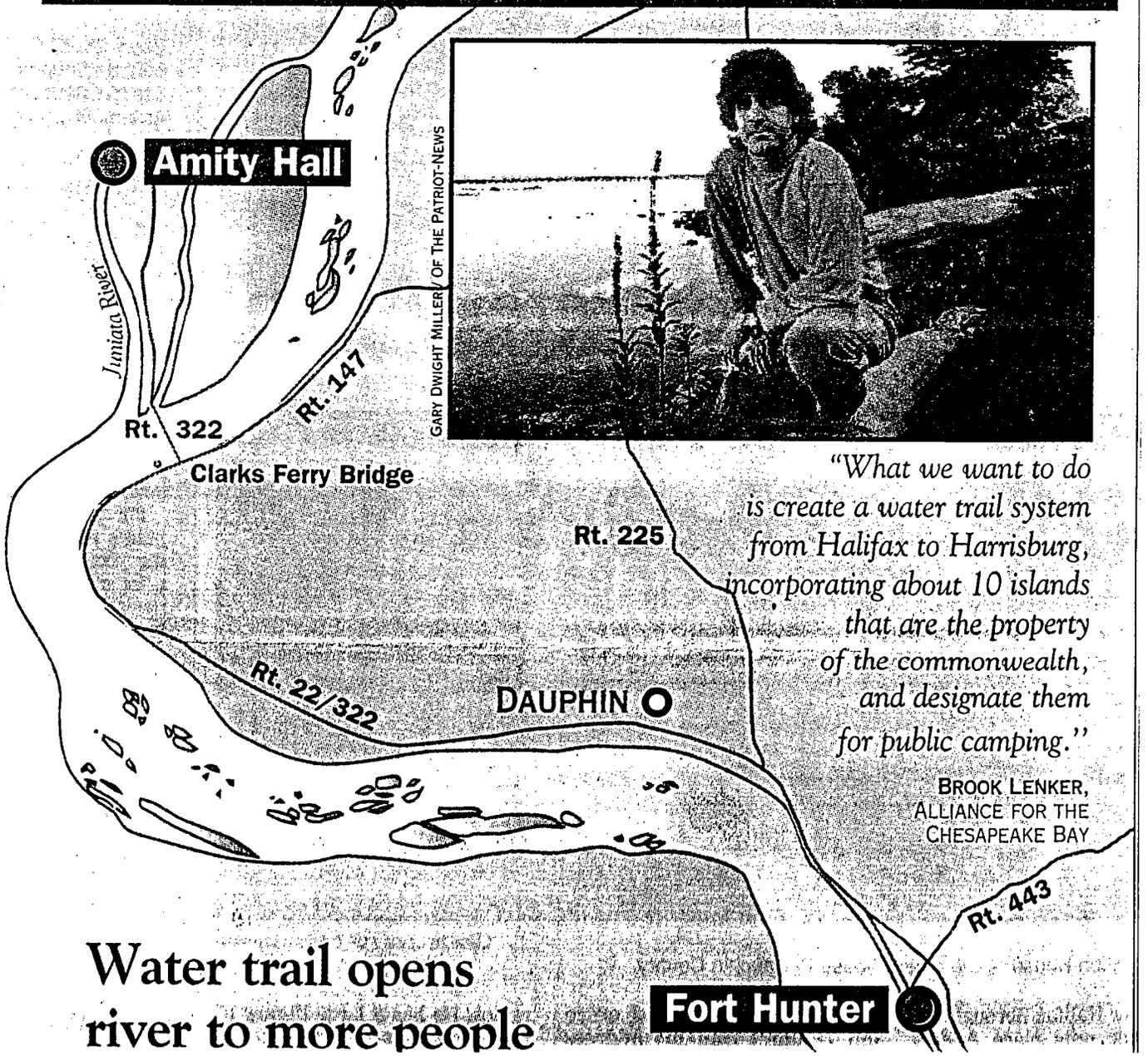
■ Planned is a trail of 10 islands, yet to be selected, that boaters can visit and camp on as they go down the river. Various launch and exit points have also been selected for the trail.

■ The trail will encompass about 25 miles of the river and be open to both power and non-power boaters. Depending on the current, a paddler can cover about two-to-three miles per hour.

■ In addition to designated camping sites, the organizers plan to provide a brochure explaining low-impact camping, describing the various plants and animals of the river, and detailing the cultural history of the river.



SUSQUEHANNA RIVER TRAIL



GARY DWIGHT MILLER / OF THE PATRIOT-NEWS

"What we want to do is create a water trail system from Halifax to Harrisburg, incorporating about 10 islands that are the property of the commonwealth, and designate them for public camping."

BROOK LENKER,
ALLIANCE FOR THE
CHESAPEAKE BAY

Water trail opens river to more people

Fort Hunter

Water trail opens river to more people

BY JACK SHERZER
OF THE PATRIOT-NEWS

Like the stepping stones of giants, dozens upon dozens of islands dot the Susquehanna River between Halifax and Harrisburg.

Harrisburg's City Island may be the most popular, but on any warm, sunny day, boaters can be seen darting in and out of coves around the other islands, enjoying the sense of privacy that comes with being surrounded by water.

Now a group made up of private citizens, conservation groups and state officials wants to take that island pleasure a step further by creating a Susquehanna River Trail.

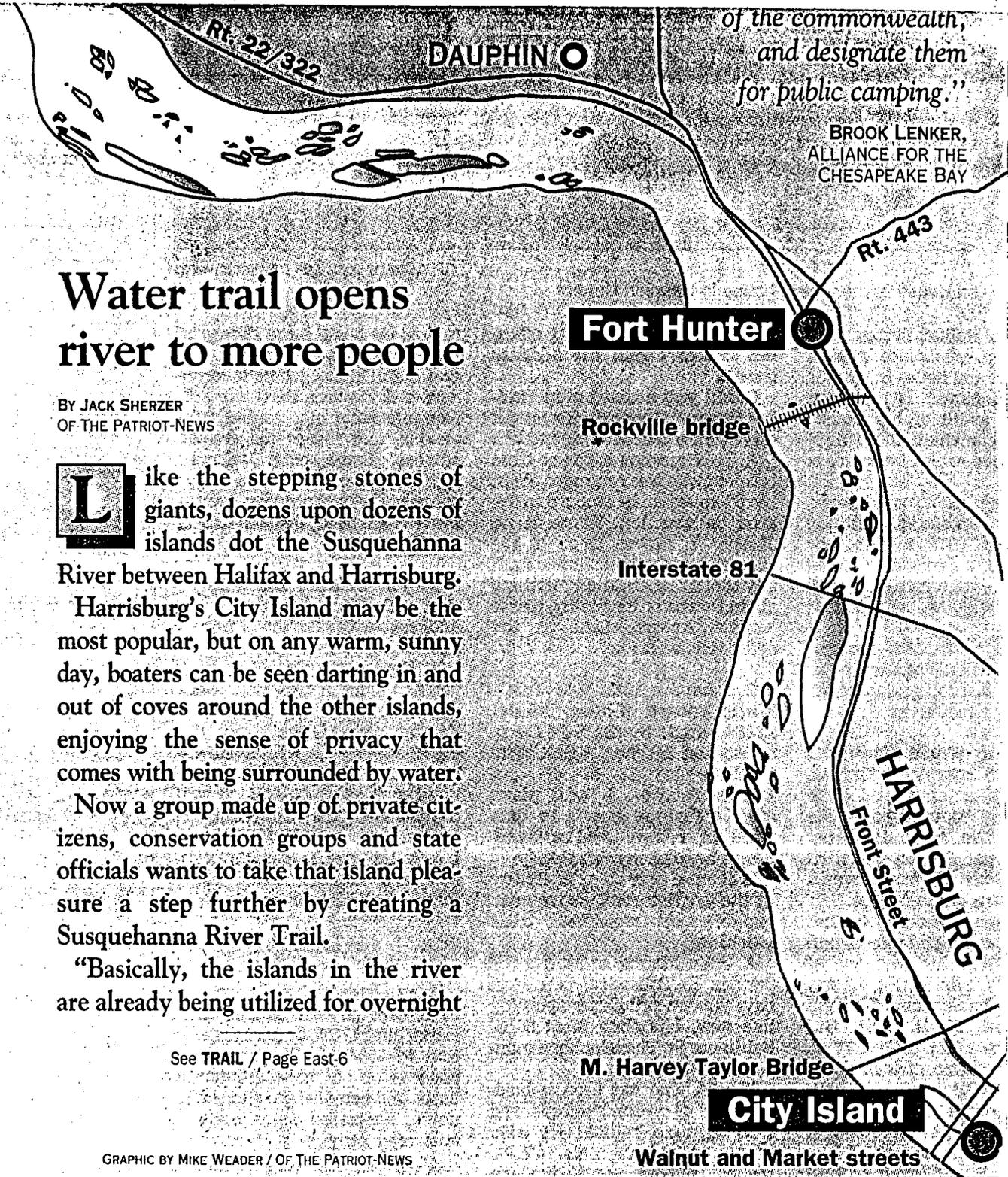
"Basically, the islands in the river are already being utilized for overnight

See TRAIL / Page East-6

GRAPHIC BY MIKE WEADER / OF THE PATRIOT-NEWS

of the commonwealth,
and designate them
for public camping."

BROOK LENKER,
ALLIANCE FOR THE
CHESAPEAKE BAY



Fort Hunter

Rockville bridge

Interstate 81

HARRISBURG
Front Street

M. Harvey Taylor Bridge

City Island

Walnut and Market streets

"I think this can really be a good thing if it is done properly," he said. "And we have

— DOUG GIBSON, OWNER OF BLUE MOUNTAIN OUTFITTERS

Island camping to be featured on r

desk. this is the jump for a story that started on the MAC. Main hed reads - Water trail opens river to more people .

Page East-1

amping and recreation, at least to some extent, said Brook Lenker, watershed project coordinator for the Alliance for the Chesapeake Bay.

What we want to do is create a water system from Halifax to Harrisburg, incorporating about 10 islands that are the property of the commonwealth, and designate them for public camping," he said.

The trail which could be a reality as early as next spring, would be more than just a dot on a map. Envisioned is a series of camps identifying the islands, designated

camping areas or a small dock, and brochures that explain the trail and point out natural features and points of interest.

"We would have information about the flora and fauna and cultural history of the river," Lenker said.

The trail guides would also have detailed information about low-impact camping.

"We're trying to educate people about the river, its importance and value and also encouraging people to tread lightly on the river, practice low-impact camping and be aware of their impact on the resource," he said.

The effort has been helped so far by a \$10,500 grant from the state's Department of Conservation and Natural Resources and a \$1,500 DuPont American Greenways grant, Lenker said.

One of the biggest tasks facing the organizers has simply been verifying ownership of the islands. Some are privately owned, and both state and county records need to be checked before the final 10 islands are selected.

The idea of an island trail accessible only by boat is not a new one. There is a water trail along the Potomac and the largest trail connects islands off the coast of Maine in a 325-mile-long coastal route, he said.

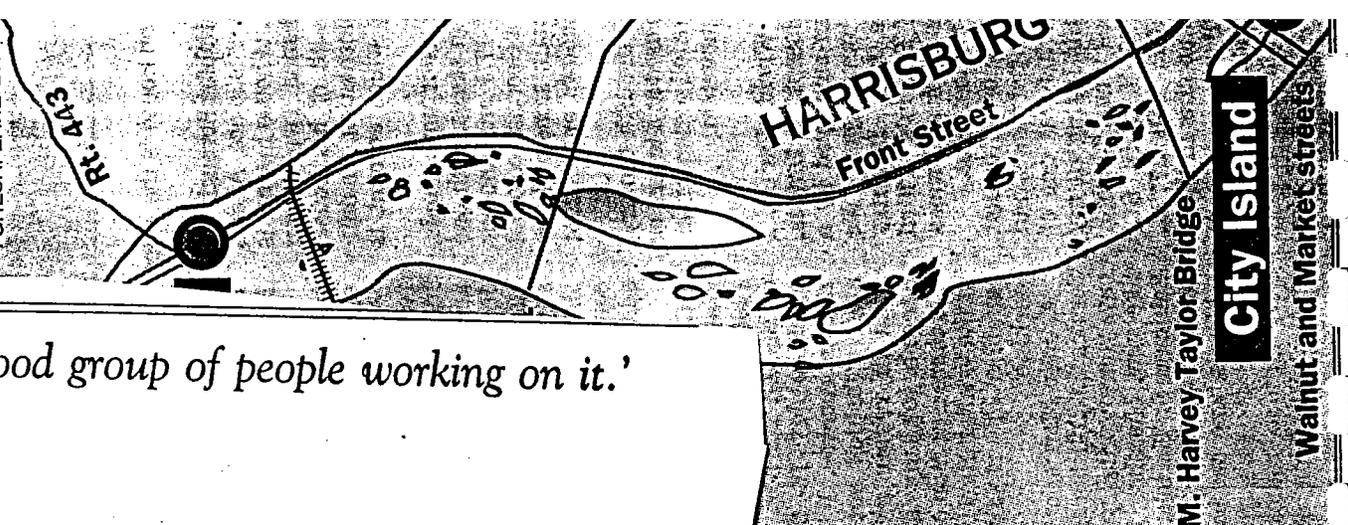
One of the hopes with this project is, if it realizes its full potential, it could be a model to be replicated in other areas of the Susquehanna, Lenker said. There is the potential for a river trail from New York to the [Chesapeake] Bay, and a water trail

project of interest.

Roland mission s overseen the projec they still and hiker Bergner s basically and other tential for

Doug G Outfitters is a conce should av land begin another or place, Gibs

commonwealth
designate them
public camping."
BROOK LENKER,
ALLIANCE FOR THE
CHESAPEAKE BAY



we a very good group of people working on it.'

river trail system

of that scale could attract national
t.
nd Bergner of the state's Game Com-
1 said that though the 19 islands
n by his agency cannot be part of
ject because no camping is allowed,
ill get use. Hunters, birdwatchers
ers routinely visit the islands, and
r said he feels the river trail plan is
y a good one. A concern that he
ers mentioned, however, is the po-
or overuse.

Gibson, who owns Blue Mountain
rs in Marysville, also said overuse
cern, but that careful monitoring
avoid any problems. Should an is-
in to show too many signs of wear
one could be selected for use in its
ibson said.

Gibson's business rents non-powered
boats to people who wish to experience the
river, launching the explorers upriver,
then picking them up at pre-arranged
points. The biggest percentage of people
come back with a positive experience
when they go out, Gibson said.

The secret is educating people about the
river before they go out, and that will be
part of the trail too, having a brochure to
help them utilize what is there.

Gibson believes the trail will make the
river more user-friendly to inexperienced
paddlers.

"I think this can really be a good thing if
it is done properly," he said. "And we have
a very good group of people working on
it."

enjoying the sense of privacy that
comes with being surrounded by water.
Now a group made up of private cit-
izens, conservation groups and state
officials wants to take that island plea-
sure a step further by creating a
Susquehanna River Trail.
"Basically, the islands in the river
are already being utilized for overnight

See TRAIL / Page East-6

GRAPHIC BY MIKE WEADER / OF THE PATRIOT-NEWS

City Island

Walnut and Market streets

M. Harvey Taylor Bridge

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 MIKE HUTCHINS • Sports Writer
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in the accounting department at American Home Foods in Milton.

Kraft, a junior accounting major at Susquehanna University, is a 1993 graduate of Williams Valley Junior-Senior High School. She is the daughter of Carol Kraft of Williamstown.

with talent, and this summer proves it.

We have musical theater productions we can visit with excitement and pride.

Travel to New York or Harrisburg? No! We don't have to go far from home at all.

There is "Forever Play" performed by Harm Express Productions at In's Place, "Peter Pan" performed by Twin Valley Players at the Halifax Area High School and "By Hex" performed by Lykens Community Theatre at Upper Dauphin Area Middle School.

As a member of one of our above production organizations,

Agency still concerns

To the Editor:
 I have been following information concerning expansion of the landfill and would like to state my opinion.

I have read the many letters of those opposed to the expansion and would like to publish their ranks.
 It's hard to imagine

Correction, clarification

Due to incorrect information supplied to the newspaper, the article, "Stephen Ridge gets \$1,000 scholarship," (Sentinel, July 9) stated incorrectly that Ridge plans to attend Connecticut College this fall.

Ridge will attend Haverford College.

An address published recently for U.S. Sen. Rick Santorum was missing a post office box number.

The complete address is:
 Sen. Rick Santorum
 Suite 221, Box 214
 Strawberry Square
 Harrisburg 17101.

Borough to give chamber funding to finish bridge

BY LOUISE JAMES
 Staff Writer

MILLERSBURG — Borough Council has agreed to provide the Millersburg Area Chamber of Commerce with the \$20,000 it needs by Wednesday, Aug. 7 to pay for steel needed to finish the replacement for the "Swinging Bridge."

At its July 11 meeting, council agreed to take the money from its reserve fund, thereby losing the 4.9 percent interest it is earning on that fund. The chamber agreed it will repay both the money and the interest.

When the chamber borrowed the money from a bank it would have charged the current rate of 8 percent, said Katy Kugler, chairwoman of the chamber's bridge-project fund. Although the borough is financing the chamber's \$20,000 at 4.9-percent repayment during a two-year period, it is not a loan, council said.

Instead, it's a financial arrangement between the two entities due to the nature of the relationship between the chamber and the borough, borough solicitor Terry Kerker confirmed. The bridge replacement is a borough project. When completed the bridge will be borough property, will be maintained by the borough and will be situated on borough-owned land.

The chamber's only role in the bridge project is to act as a fund-raising agency because the borough, by its very nature as a municipality, is saddled by state law to solic-

will be a suspension-type bridge similar in design to the original "Swinging Bridge" but it will have a stationary footpath that will not sway.

Further, the bridge will have a fence along the sides to prevent children from falling off as it will be approximately 18 feet above the Wiconisco Creek.

The bridge will connect MYO and Riverfront parks.

Guard Activity Dates

The Guard reportedly plans to be on-site, completing work on the bridge, for three additional three-day weekends this year.

Those dates are: Aug. 2, 3, 4; Sept. 12, 13, 14 and Oct. 18, 19 and 20.

Disappointed By Residents' Response To Rally

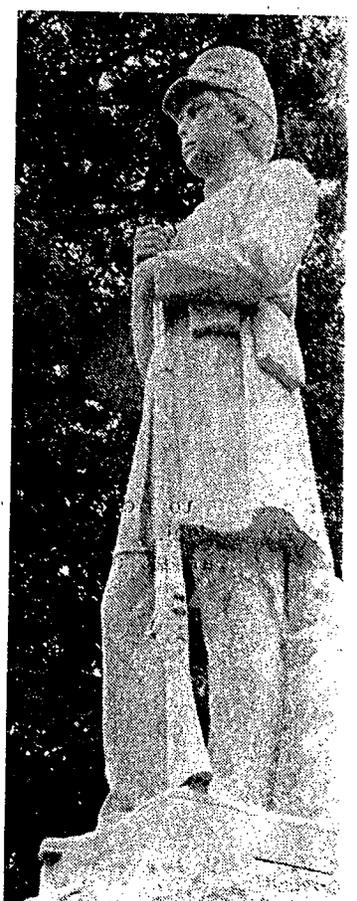
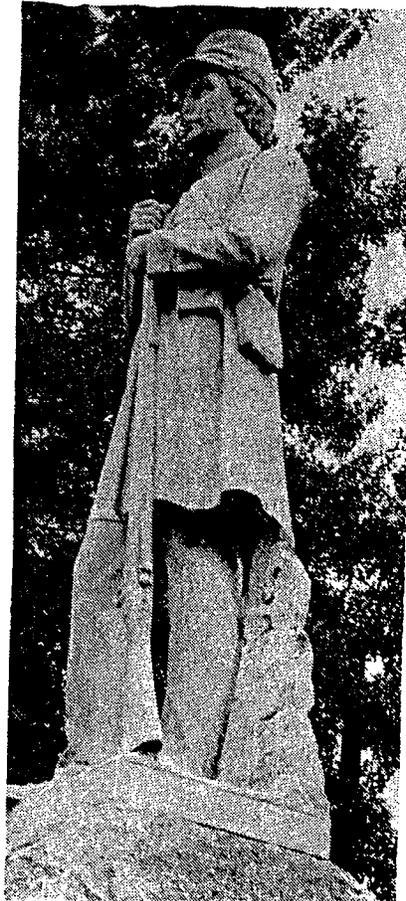
Council President Robert Koppenhaver said he attended the Upper Dauphin Area Citizens' Action Committee's (UDACAC) rally opposing the proposed expansion of Dauphin Meadows Landfill and was pleased with the turnout. (Sentinel, July 2)

However, Koppenhaver said he was "a little disappointed. I think it needed more representation from the people of Millersburg."

The UDACAC has legitimate concerns on the truck-traffic increase and on possible water pollution, he said.

"Numbers count and it costs only \$1 to join the citizens' group," he said.

"Pennsylvania is the number-one importer of waste," Councilman Mark Hoffman said.



UPPER DAUPHIN COUNTY

Nature center purchases site for home

By Manira von Doheneck
For The Patriot-News

MILLERSBURG — The Ned Smith Center for Nature and Art is purchasing a 3.8-acre site on Route 209, just east of Millersburg, for its new home.

The best part, according to president Frank Felbaum, is that the site also will give access to 300 to 500 more acres for nature trails and environmental education.

The center is buying the land from the Millersburg Area Authority for \$25,000 with what Felbaum called "a very generous financing plan." The center will pay \$3,000 a year for five years at no interest.

In addition, the center will lease more than 300 acres of watershed land from the water authority. The land runs along the Wisconsin Creek and up Berry Mountain, and already is crossed by several trails.

As an added bonus, Harold and Thelma Lenker have offered to donate another 49 acres on the top of Berry Mountain if the center is built near Millersburg. Their property, described as a perfect hawk-watching spot, is easily reached from the water authority land.

"Anybody who appreciated Ned Smith's work will be coming to Millersburg. This will do a lot for community revitalization."

— Center president Frank Felbaum

The site also is near Cumming's Swamp, an excellent location for learning about wetlands, representatives of the center say. An old railroad bed potentially connect to 15 miles of "rails to trails" land in the Lykens area. It also could connect to the Susquehanna River through MYO Park.

"The site is wonderful," said Darla Maiden, chairman of the site selection committee. "It's exactly what we were hoping. It has everything. Jim Brett (the curator at Hawk Mountain Sanctuary and a member of the site selection committee) told us we could look for another 100 years and not find a site more suitable."

The board voted unanimously to purchase the land after considering four finalists.

The Ned Smith Center was

conceived about a year and a half ago as a marriage of an art museum and a nature center. The centerpiece will be a collection of the nationally renowned wildlife artist's original paintings donated by his widow, Marie Smith. There also will be rotating exhibitions of other wildlife artists and an environmental education center for students and teachers.

Smith was born and raised in Millersburg, and received much of his inspiration from the woods and mountains around his home. The site selection committee looked at several properties throughout central Pennsylvania, but hoped they could keep the location near Smith's hometown.

"First of all we wanted a perfect site. The wonderful part is that it is in Millersburg," Maiden said.

Members of the board believe the center will be a boon to businesses in Millersburg. They think it will draw people from throughout the state and nation. Out of 250 memberships so far, about 10 percent are from outside Pennsylvania, Felbaum said.

"Anybody who appreciated Ned Smith's work will be coming to Millersburg," he said. "This will do a lot for community revitalization."

The main building will house an auditorium, galleries, classrooms, offices and a gift shop. Outside will be nature trails, pavilions, wildflower meadows, a butterfly garden trail, photo blinds and other improvements relating to environmental education and enjoyment of the outdoors.

Felbaum estimates construction costs at \$3 million. The

board has just started a feasibility study on fund raising, which should be completed by February. It will tell the board "if there is enough interest to raise \$3 million." Money is expected to come through government grants, corporations and private foundations. The center has recently raised about \$38,000 through a wildlife auction and another \$11,000 through memberships.

By next July 27, the date for the third annual Ned Smith Tribute Day, Felbaum hopes to have an architectural rendering and model of the proposed building on display. That will be the signal to kick off the fund-raising campaign next fall.

The board soon will be looking for a facilities chairman or chairwoman to start interviewing architectural firms and determining the building's needs. While the position will be volunteer at first, it could lead to a paid executive director job.

"We are so excited. We are so elated," Felbaum said. "We don't want to give the impression that this is just a museum of Ned's art. It is also a place to plant the seeds to develop future Ned Smiths."

CAR WASH SPECIALS

<p style="text-align: center;">HAPPY HOUR</p> <p style="text-align: center;">EVERY Monday, Tuesday, Wednesday, Thursday 4:00 pm to 6:00 pm</p> <p>Exterior Wash \$3.50 to \$4.99 SAVE \$2.50 ON ALL OTHER WASH PACKAGES</p>	<p style="text-align: center;">NOW ON SALE</p> <p style="text-align: center;">Buy 5 Washes - Get 6th Free</p> <p style="text-align: center;"><i>Great Gift Ideas</i> for those hard to buy for people. Beautiful gift cards and envelope. Gift certificates available for any of our great services.</p>	
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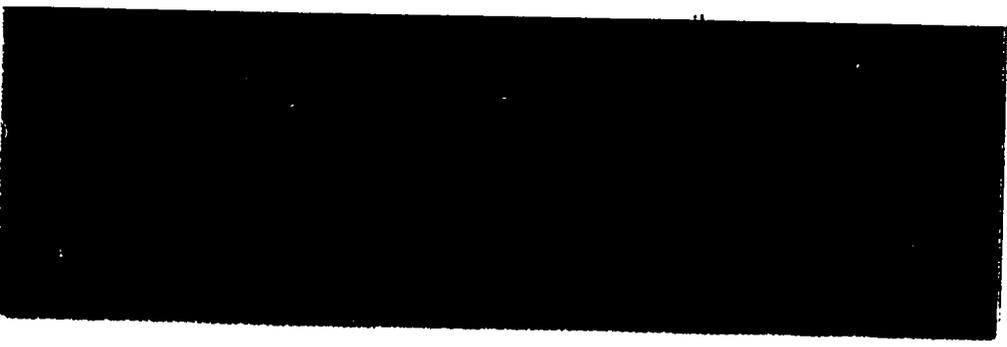
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Park hit hard; repair costs total \$30,000

■ BY LOUISE JAMES AND MIKE HUTCHINS

MILLERSBURG - On the eve of its 76th anniversary, MYO Park has been trashed by the raging Susquehanna River.

Millersburg Borough has filed a request with the Dauphin County Emergency Management Agency for approximately \$30,000 to restore the park, borough Manager James Bullock said.

The park itself will be

closed for some time, contingent on a lot of things," he said.

"Borough council will have to make a decision on what they want to do (regarding) utilization of the ballpark," he said.

The baseball-soccer field was high enough to escape the flood and ice damage, Bullock said.

However, a section of the paved road near the ballpark recently collapsed under the

See Park - Back Page



The force of the raging, ice-laden Susquehanna River was powerful enough to dislodge trees and send them crashing into the merry-go-round at MYO Park. (Sentinel photo by Mike Hutchins)

Rains cause other damage

Residents of the Sentinel's coverage area were, for the most part, spared serious property damage in the recent flooding of the Susquehanna River and its tributaries.

But besides Millersburg's MYO Park, another property that was not as fortunate was the sewage-treatment plant that serves Elizabethville Borough and parts of Washington Twp.

The plant, located along the Wiconisco Creek north of the borough, has sustained an estimated \$30,000 in damage largely to several motors, according to Dr. Andrew Hills, chairman of the Elizabethville Area Authority which operates the plant.

The basement of the plant's main building, where the motors were located, was submerged completely and there also was 2 feet of water in the first floor, Hills said.

At this point, the damage has not affected any customers on the sewer line, nor should it have an affect, according to Hills.

See Damage - Page A2



This photo from the recent flooding shows a Herndon-area mailbox in need of "help" after being surrounded by rising waters from Mahanoy Creek. (Photo courtesy of Ron Schmick)



A scarred pair of trees in MYO Park are mute reminders of the force of the flood waters - enough to peel off bark - and the water's height, as indicated by the "nicks" toward the top of each tree. (Sentinel photo by Mike Hutchins)

Tri-County Brief

She enjoys the variety her 'man's

Dianne Price finishes 1st year as Dauphin's boron

■ BY LOUISE JAMES
Staff Writer

Damage ...

Continued from Page A1

"I Feel Very Fortunate"

But for area residents who lived along the Susquehanna or other affected streams, it was time to count blessings as flood waters receded.

"When I see on the news the people that lost everything, I feel very, very fortunate," said Nancy Datres, a resident of River Road in Middle Paxton Twp.

Datres said she had about 3 feet of the Susquehanna in her basement at the flood's peak where her house was surrounded by water on three sides. Her only property losses, she said, were things she probably would have thrown out anyway.

As of last weekend there still was some mud in the basement and on the patio, Datres said.

The yard is "depressing," she said, with downed trees and uprooted bushes. It's so muddy that Datres is delaying cleanup until spring.

Datres is one of a handful of River Road residents who stayed.

"There is something about leaving your house," she said.

She lost both her heat and water and made do with a kerosene heater and an electric blanket as temperatures plummeted overnight. She also used one glass of store-bought water to wash her face and brush her teeth the next day.

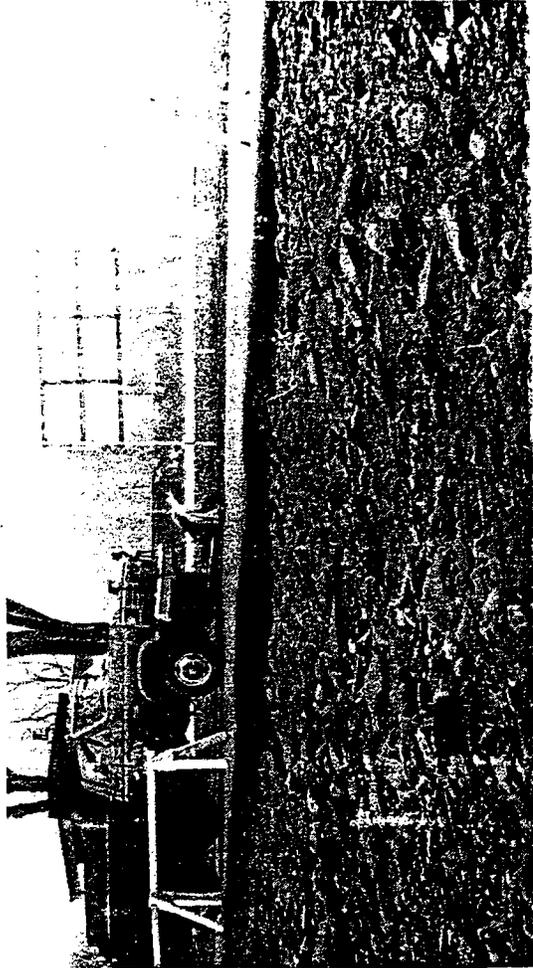
"I learned quick how much we take for granted," Datres said.

For years, winter was Datres' favorite season. No more.

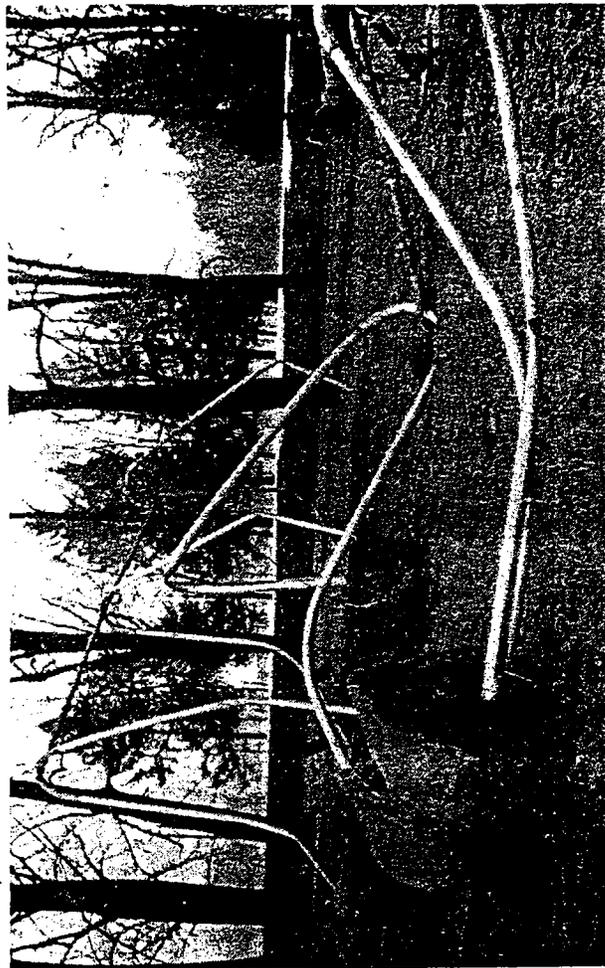
"I think this winter has ended my love affair with the season," she said.

Liz Rodda and her husband also waited out the flooding on River Road.

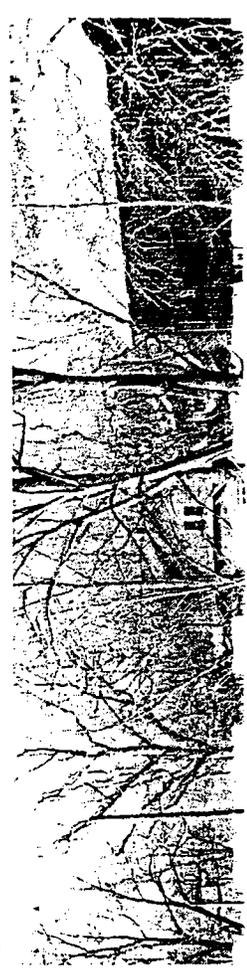
When it appeared flooding was inevitable, Rodda and her husband moved basement items to the first floor. As the waters rose, anything on the first floor was moved upstairs, she said. (Rodda said her



Flood waters also eroded the shoulder on River Street in the area of MVO Park. (Sentinel photo by Mike Hutchins)



The twisted remains of the swing set that was pulled loose from its foundation by flood waters that ravaged MVO Park. (Sentinel photo by Mike Hutchins)



• T b e U p

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There is something about leaving your house, she said. She lost both her heat and water and made do with a kerosene heater and an electric blanket as temperatures plummeted overnight. She also used one glass of store-bought water to wash her face and brush her teeth the next day.

"I learned quick how much we take for granted," Daires said. For years, winter was Daires' favorite season. No more.

"I think this winter has ended my love affair with the season," she said. Liz Rodda and her husband also waited out the flooding on River Road.

When it appeared flooding was inevitable, Rodda and her husband moved basement items to the first floor. As the waters rose, anything on the first floor was moved upstairs, she said. (Rodda said her home had about 5 feet of water in the basement.)

The residents who stayed "pulled together," Rodda said. "We went from house to house helping each other move... good will was running high."

Looters stayed away from the flooded area, Rodda said, adding that her husband checked River Road after many of the residents had left their homes.

Middle Paxton Twp. officials were "terrific" during the crisis, Rodda said. "They called quite a few times... wanting to know what (the township) could do." They also helped residents obtain potable water and trash disposal.

The cleanup "is the worst part of it," Rodda said. As of Jan. 29, water still was available for Dauphin-area residents at the ambulance building. United Water Co., which services the area, had lifted a "boil water" advisory Jan. 26.

Donations Accepted for Flood Victims
Area residents who would like to make a financial contribution to aid victims of flooding elsewhere in Pennsylvania may contact: American Red Cross Disaster Relief Fund, P.O. Box 5470, Harrisburg 17110-0740.
For more information, or to donate, visit a Creative Card. Can



The twisted remains of the swing set that was pulled loose from its foundation by flood waters that ravaged MYO Park. (Sentinel photo by Mike Hutchins)



The swollen Mahanoy Creek had surrounded Robert Spang's home and farm near Herndon at one point during the recent flood. Spang stayed awake three days so three pumps that were keeping water out of his basement wouldn't run out of gas. (Photo courtesy of Ron Schmeck)

Brief...

Grabbed her arm, according to state police at Lykens.

High school harassment
HALIFAX TWP. - Justin Bender, 18, and Craig Babinski, 18, were engaged in a verbal argument at Halifax Area High School when Bender reached into Babinski's vehicle and struck him, Jan. 22, state police at Lykens said. Bender was charged with harassment.

DUI charged
BERRYSBURG - Andrew Adams, 31, of Millersburg was charged with driving under the influence Jan. 26 as the result of a traffic stop, state

DUI
UPPER PAXTON TWP. - Dennis Chandler, 28, of Millersburg was charged with driving under the influence Jan. 28 as a result of a traffic stop at state Route 25 and Etzweiler Road, state police at Lykens said.

DUI
HALIFAX TWP. - Jeff Todd Bowman, 41, of Halifax was charged with driving under the influence, careless driving and driving under suspension Jan. 27 on state Route 147 near the Halifax Plaza, state police at Lykens said.

Police seek person shot window
MILLERSBURG - State police at Lykens are seeking the unknown person who shot a window in the home of Lynn Dockey, 133 N. Stone Road, with a pellet gun, Jan. 28 at 9 p.m.

Anyone with information is asked to call police at 362-8700

(Information in "Ti-County Brief" is obtained from law-enforcement and court agencies in the Sentinel's coverage area. Ar... who is... as ha... been arrested is presumed innocent.)

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Participating Underwrite
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Evenings & Saturdays,
All Hours by Appointment

Dr. F
559 Main
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Serving The Area With

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Williams
Hassan Khouri,
Oral Surgeon
Alex Balaci, DME

Williams
Hassan Khouri,
Oral Surgeon
Alex Balaci, DME

Park ...

weight of a borough authority truck, police officer Timothy Gruber said.

Investigation showed the flood waters had washed out the ground beneath portions of the road.

Meanwhile, only authorized borough, authority and emergency personnel will be allowed in the park, Gruber said.

The park is closed and off-limits to all others, and any unauthorized person found in the park will be arrested, he said.

Power of Ice Floes

Two Sentinel reporters were allowed to view the wreckage of the MYO with the escort of Gruber.

Those people familiar with the MYO ballpark should envision the flood's waterline up to first base.

The MYO playground looks as though a giant was on a rampage.

The amazing power of the ice sheets was displayed best by the wreckage from the former playground and pavilions, and the appearance of huge trees and logs that have been dropped and draped on the former grassland and interwoven among the park's trees.

A swing set was pulled from the ground with cement bases still on the posts, twisted and rung like a scrub rag and then discarded on the ground some 8 to 10 feet from its original position.

Posts of other swing sets were bent 6-feet above the ground, where ice floes gave them a karate chop in passing.

The wooden merry-go-round was smashed down with a heavy fist, while the metal merry-go-round and its cement pillar were lifted out of the ground and intermingled with tree limbs and other debris.

Park trees 30 to 40 feet from the riverbank carry scars on their trunks up to 6-feet above the ground, where the incoming floes scraped the bark from the trees.

"The ice took a good quantity of bark off some trees," and he is not sure just what effect this may have on them, Bullock said.

The borough has 30 picnic tables under the park pavilions, said Streets Supervisor George Fry.

"The ones we have left, there isn't much to them," he said.

There are only seven left, and they show varying degrees of destruction. One still has a large tree limb intertwined through it.

The pavilions have lost supporting posts. One pavilion is missing three posts, while another escaped with the loss of only one post.

The "lower" unpaved road under the railroad bridge which accesses the MYO area may have been partially washed away. It had not been examined because it still was covered with water (as of Jan. 25), Bullock said.

The cement abutments installed by the National Guard last year in anticipation of rebuilding the swinging bridge do not appear to be damaged, he said.

One Man's Treasure Becomes Another's Junk

The Susquehanna River still rushes menacingly past the park, growling as it carries unknown articles of loot from one bewildered town, only to contemptuously toss them aside on the shores of another weary weather-wracked city.

Among the broken relics in the park are unidentifiable pieces of junk vomited up by the river and left there when it retreated to turn its attention southward.

A small bush quivers under the weight of a carelessly flung, torn air-conditioner cover, like a bent old woman huddled within her shawl.

George Washington winks his eye from an other wise muddy quarter half-hidden in the silt, and quickly is snatched up by a passer-by.

adorning it festively for the holidays.

Trying To Restore Some Order

Meanwhile, borough employees are working to make the paved road passable. The washed-out portions are being filled with stone.

January has been demanding relentlessly of borough employees, among others.

"We haven't had a weekend off since Christmas," Fry said.

No one knows when the park may be opened. The borough has "not begun to look at a time frame," Mayor Marlin Wilt said.

Some of the factors that would affect when it opens are if, and how much, financial help and workers the borough may be able to get in order to restore the park to limited use, Bullock said.

It would be difficult to hire workers to clean up the park, considering the amount of money the borough has expended on snow removal recently, he said.

Perhaps the borough may be able to get some work-release inmates from the county to help, but that idea is still in a formative stage, he said.

Ferryboats Received Some Damage

The Millersburg ferryboats did receive some damage from the ice and flood, but the ferryboat association has been unable to determine how much damage at this time, according to Paula Young, operations manager for the association.

The pillars on which the ferryboats sat have been washed away. Due to the high waters, association officials are not sure if the ferry wall is still there or if it has been washed away also.

They believe that some of the landing area has been washed away, Young said.

"We are assuming the

Continued from

fortunate" in that the plant at the MYO did not sustain any damage, according to Jere Troutman, area manager.

There was "a little" damage to the pump house which was mopped out. The area was "very lucky," Troutman said.

MYO History

Effective Jan. 1, 1920, the borough leased 38 acres of the Pennsylvania Railroad one year at a cost of \$100,000, Bullock said.

Volunteers built the bridge that goes under the railroad bridge, and groups have raised funds.

The park officially opened Sept. 3, 1920, and the agreement was continued for nine years.

In 1929 a committee organized by the Millersburg Lumber Company and the Millersburg Motor Club negotiated with the railroad to purchase the land for the park at a cost of \$100,000.

An octagon-shaped pavilion was erected on a well-known "big bank" in the Harrisburg area. The lumber pavilion was planned by former Sheetz Lumber

Millersburg, Bullock said. The building later housed a skating rink, and was used for basketball at the local high school.

In March 1920, plans were begun for the construction of the suspension bridge. The bridge was destroyed in the flood, he said.

The bridge construction was overseen by Ralph Miller of Millersburg.

"I understand that the bridge-builder by the name of Bullock said.

The loss of the park is a sad event, "not only because of its history" but because

MILLERSBURG - The Tri-County Regional Planning Commission has completed the final draft of the Susquehanna River Conservation Plan and will hold a public hearing at the Millersburg Borough Building, 101 West St. at 7 p.m. Tuesday, Jan. 27.

A brief discussion of the plan and a slide presentation will take place at the meeting.

Area residents are urged to take time to go to the meeting and support the municipality or group in the development of future conservation and recreation projects. The public hearing will be the last chance to discuss any final concerns and changes to the plan.

A few of the projects proposed in the plan include: Regional, intermunicipal and local planning; Halifax Borough Riverfront Park Plan; Millersburg Borough Park Beautification Plan; Millersburg ferry boat-landing access design and construction; coal barge removal in Millersburg; river access planning; Tall Timbers Trail "Canal Tow Path" completion design and maintenance; streambank stabilization; Halifax Twp. park land acquisition and park design and construction activities; River Corridor Study Committee; River Access Study; regional and/or municipal conservation educational planning; Riparian Buffer Development Study; Riverside Greenway Plan and Susquehanna River Island Water Trail.

Contact Tina Fackler at 234-2639 for plan or meeting information.

3 are named to Honor Roll

HARRISBURG - Three area students attending Harrisburg Christian School have been named to the first marking period Honor Roll.

Amanda Baer, daughter of the Rev. and Mrs. Robert Baer of Halifax, earned ninth-grade honors. Rebecca and Matthew Kocher, children of Mr. and Mrs. Ben Kocher of Millersburg, earned high honors for eighth and seventh grade, respectively.

Sarah Lepley

Kory Rothermel

'Meals on Wheels' program is spared

■ BY LOUISE JAMES
Staff Writer

The Millersburg Meals on Wheels program, which was reported to be in danger of being discontinued (Sentinel Nov. 25), has been saved.

Meals on Wheels is a volunteer program sponsored by Dauphin County's Area Agency on Aging, which provides the hot meals that volunteers deliver to senior citizens five days a week.

Millersburg had a volunteer shortage which had placed the local program in jeopardy.

Della Dietrich, who has

accepted the volunteer position of coordinator for Millersburg's Meals on Wheels, said the program definitely will continue.

Coordinators keep track of the people who are scheduled to receive meals and of the volunteers who will deliver the meals.

Dietrich said Helen Klinger has accepted the position of assistant coordinator.

In addition, there were a lot of responses to the need for people to deliver the meals, Dietrich said.

The program now is in good shape, she said.

Sentinel

It's Where the News Is! (692-4737)

SIMEON UNITED LUTHERAN CHURCH OF GRATZ

Wishes To Thank The 1997 Sponsors Of Its Radio Ministry, "The Voice Of Simeon"

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"The Voice Of Simeon," A Weekly Broadcast Of The Worship Service From Simeon United Lutheran Church In Gratz, Can Be Heard Each Sunday At 7:00 A.M. On LOVE-99 FM.

is our desire and making card, etc. is to help you



SUSQ

Network of scenic water trails planned

Boaters to reap the benefits of the new statewide initiative

The Pennsylvania Fish and Boat Commission has a new outlook on the state's flowing waters.

Not only are they viewed as living, breathing, fish-holding ecosystems, but also as recreational trails that can provide unique windows into the heart and soul of Pennsylvania's history.

The PFBC this week launched a new initiative to develop a statewide network of scenic water trails.

"The benefit is going to be for the general recreationist," said Dan Tredinnick, a PFBC spokesman. "What we're going to do is gather all different types of information about the specific water trails into one package, which will be made available to the public."

Boating is an increasingly popular form of outdoor recreation in Pennsylvania, with the number of boating registrations climbing 32 percent over the past decade.

There are currently 340,000 power boats registered in Pennsylvania.

According to a census survey, about 2.5 million state residents take to the water on boats each year, and nearly 15 percent of all households own some type of watercraft.

Boating annually generates more than \$1.7 billion for Pennsylvania's economy.

"By developing a network of water trails, the commission will increase this economic impact while meeting the growing demand for enhanced boating and outdoor experiences," said PFBC Executive Director Peter A. Colangelo. "Most importantly, water trails will provide an opportunity for participants to intimately connect with the commonwealth's natural resources."

Promoting the state's water-

P. J. REILLY
Woods and Waters



ways as water trails is a new approach for the commission. Traditionally, the commission provides general information on all of the state's 53,000 miles of flowing waterways.

Under the water-trail initiative, the commission will provide specific information about designated water trails, including directions to trail "heads" — boat launch and take-out points — and background about the scenic, historic and geologic points of interest along the way.

You'll also get information about fishing, wildlife watching and camping.

"All of this information is available now, but a person would have to go to several different state agencies to collect it all for a particular river or stream," Tredinnick said. "We're planning to pull all of those agencies together and pool our information."

"It's a more efficient use of resources that are already available."

The PFBC got the idea for the scenic water trails from a project that will likely produce the first designated water trail in the state, because its development is already underway.

By next spring, the Alliance for the Chesapeake Bay plans to have informational maps and signposts ready for the 25-mile Susquehanna Island Trail.

The "trail" will extend from Halifax downriver to City Island in Harrisburg, and will connect 10

The Pennsylvania Fish and Boat Commission plans to lead them on self-guided Overlook, could be the first designated water trail.

islands along that course which are owned by the state Department of Conservation and Natural Resources (DCNR).

There are other islands in that area, but they are not all owned by DCNR.

"The map will tell people which islands are owned by DCNR and which ones are private property and which ones are owned by the game commission," said Tom Ford, PFBC aquatic resources coordinator. "Basically, unless it's posted otherwise, you can explore and camp out on the DCNR islands."

"We'd encourage 'leave no trace' camping, and ask folks to pack out everything they take in."

The trail information will describe the different types of wildlife adventures can expect to encounter, significant historical features, interesting geological formations and public access points.

"There are so many neat things that can be interpreted," said Ford.

The PFBC has received a \$5,000 federal grant for the first phase of its water trails project. And the agency will invest an additional \$5,000 of its own money to research and designate a state water trail network, develop project costs and identify information, signage and infrastructure needs.

Initially, the PFBC will probably designate one major water trail in each of the state's six regions.

"That will allow us word out about the water trails to the public, and we can decide on what works and what's missing," said Tredinnick.

Establishment of water trails is still years away. "We need to know how much this is all going to cost and where the money is going to come from," he said.

The PFBC hopes to encourage voluntary and/or infrastructure contributions from the municipalities and private entities that will benefit from the water trails.

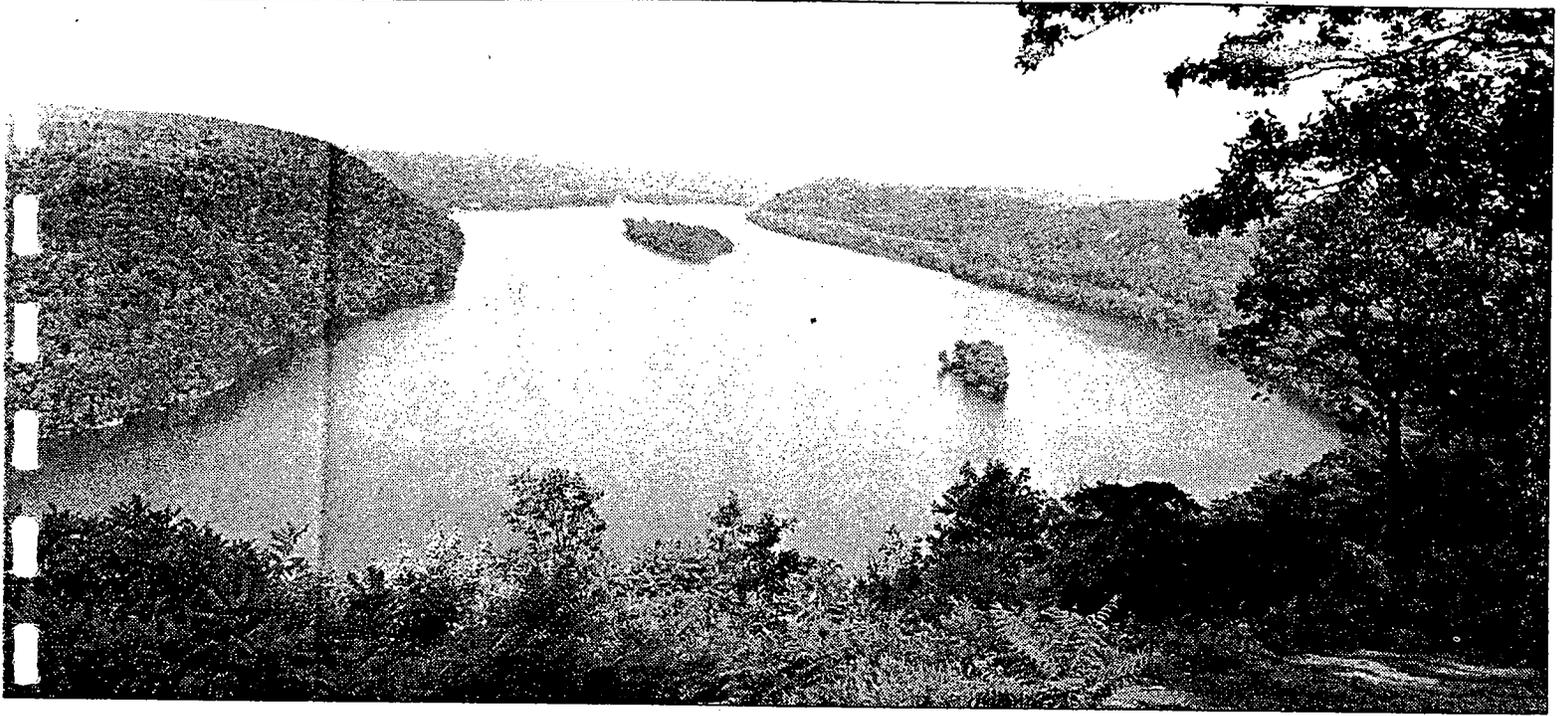
But Tredinnick said the commission recognizes it likely bear the lion's share of project costs.

The PFBC is funded through the sale of licenses and boat registration fees. Money for the water trails likely come from the budget.

Ultimately, the PFBC will designate a number of water trails throughout the state.

A series of promotional materials will then be developed to provide information to the public, themselves, and other interested parties in the area.

Some trails will be developed for use by canoeists and kayakers, but most will be developed for multiple uses and moderate powerboats.



Intelligencer Journal photo by Barry Zecher

Pennsylvania Fish and Boat Commission plans to turn rivers and streams across the state into "water trails" by providing boaters information and maps to lead them on self-guided tours. A section of the Susquehanna River, pictured above from the Pinnacle Park, could be the first designated water trail.

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"That will allow us to get the word out about the water trails to the public, and we can get a handle on what works and what we're missing," said Tredinnick.

Establishment of those first water trails is still about two years away. "We need to find out how much this is all going to cost and where the money's going to come from," he said.

The PFBC hopes to draw monetary and/or infrastructure donations from the municipal and private entities that will ultimately benefit from the water trail traffic.

But Tredinnick said the commission recognizes that it will likely bear the lion's share of the project costs.

The PFBC is funded primarily through the sale of fishing licenses and boat registrations. Money for the water trails will likely come from the boat fund.

Ultimately, the PFBC plans to designate a number of water trails throughout the state.

A series of promotional publications will then be developed to provide information on the trails themselves, and other recreation opportunities in the vicinity of each trail.

Some trails will be geared toward use by canoeists and kayakers, but most will be designed for multiple uses and to accommodate powerboats.

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Trail presents beautiful area

Stretch of river north of Harrisburg in process
of becoming better known to visitors and protected

One of the most beautiful areas of Pennsylvania lies just north of Harrisburg, where the Susquehanna River has carved gaps through the ridges we know as Blue, Second and Peters mountains.

Though long familiar to fishermen and duck hunters, this stretch of river is an underutilized recreational asset. But it is in the process of becoming better known and more visitor friendly for those who want to see it up close and personal, from the river itself.

The establishment of the Susquehanna River Trail, which stretches 24 miles from Halifax in the north to City Island in the south and encompasses numerous islands, represents formal recognition of the beauty and recreational appeal of the area.

The river trail, the first in Pennsylvania and first on the Susquehanna, should serve to help popularize the river and garner increased public support for its protection and that of the creatures that call it home.

That's in line with the trail's organizers stated objective: "To promote environmentally responsible recreation on the Susquehanna River and her islands and to encourage greater resource awareness, stewardship and conservation by river users."

The trail is a partnership of the Alliance for the Chesapeake Bay, City of Harrisburg, state Department of Conservation and Natural Resources, Pennsylvania Fish and Boat Commission and Pennsylvania Game Commission, all of which are to be commended for their participation in this worthy effort.

One of the main challenges facing the management of the trail, as its organizers well recognize, will be ensuring that the fragile environment of the islands doesn't suffer at the hands of users. Trail guidelines are intended to ensure a minimal impact, but the trail project recognizes human-waste disposal poses a particular challenge on the islands and is exploring different options and technologies.

Portable bathroom facilities are provided at the three Fish and Boat Commission-operated trail head and boat-launching sites at Amity Hall, Fort Hunter and north of Halifax.

The Susquehanna Rail Trail is an outstanding example of taking a long-overlooked and neglected environmental and recreational resource and giving it an identity that introduces it to the public in a way that wasn't widely known before.

Other stretches of Pennsylvania waterways are surely worthy of similar attention.

Appendix VI - Project Stakeholders

RESOLUTION NO. 98-8

SUSQUEHANNA RIVER CONSERVATION PLAN

SUPPORTING THE SUSQUEHANNA RIVER CONSERVATION PLAN AND LISTING THE FOLLOWING SEGMENT OF THE SUSQUEHANNA RIVER FROM THE NORTHERN BOUNDARY LINE OF DAUPHIN COUNTY TO AND INCLUDING REED TOWNSHIP ON THE PENNSYLVANIA RIVERS CONSERVATION REGISTRY.

WHEREAS, The Dauphin County Conservation District recognizes the importance of conserving the Susquehanna River to foster the quality of life in Dauphin County, and

WHEREAS, the Commonwealth of Pennsylvania, Department of Conservation and Natural Resources, Division of Conservation Partnerships (PA DCNR), has established a "Pennsylvania Rivers Conservation Registry"; and

WHEREAS, the County of Dauphin has completed a Susquehanna River Conservation Plan for the Susquehanna River which contains a number of conservation recommendations suitable for implementation, development or acquisition in and throughout the, above noted, Susquehanna River Corridor, and

WHEREAS, the Susquehanna River Conservation Plan has been reviewed and found acceptable by the Dauphin County Conservation District, and

WHEREAS, The Dauphin County Conservation District does endorse the Susquehanna River Conservation Plan, and will endeavor to take appropriate action to implement its recommendations.

NOW, THEREFORE, the Dauphin County Conservation District requests that the river segment defined above be listed on the Pennsylvania Rivers Conservation Registry.

RESOLVED THIS 8 Th DAY OF April, 1998.
Day Month

David S. Coble

President, Board of Directors

ATTEST:

Barbara A. Perkins

Secretary

RESOLUTION NO. 98- _____

SUSQUEHANNA RIVER CONSERVATION PLAN

SUPPORTING THE SUSQUEHANNA RIVER CONSERVATION PLAN AND LISTING THE FOLLOWING SEGMENT OF THE SUSQUEHANNA RIVER FROM THE NORTHERN BOUNDARY LINE OF DAUPHIN COUNTY TO AND INCLUDING REED TOWNSHIP ON THE PENNSYLVANIA RIVERS CONSERVATION REGISTRY.

WHEREAS, Halifax Borough Council recognizes the importance of conserving the Susquehanna River to foster the quality of life in Halifax Borough, and

WHEREAS, the Commonwealth of Pennsylvania, Department of Conservation and Natural Resources, Division of Conservation Partnerships (PA DCNR), has established a "Pennsylvania Rivers Conservation Registry"; and

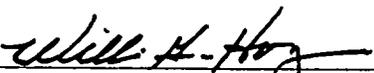
WHEREAS, the County of Dauphin has completed a Susquehanna River Conservation Plan for the Susquehanna River which contains a number of conservation recommendations suitable for implementation, development or acquisition in and throughout the entire Susquehanna River Corridor, and

WHEREAS, the Susquehanna River Conservation Plan has been reviewed and found acceptable by the Halifax Borough Council, and

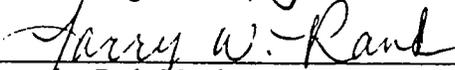
WHEREAS, Halifax Borough does endorse the Susquehanna River Conservation Plan, and will endeavor to take appropriate action to implement its recommendations.

NOW, THEREFORE, the Halifax Borough Council requests that the river segment defined above be listed on the Pennsylvania Rivers Conservation Registry.

RESOLVED THIS 6 Th DAY OF April, 1998.
Day Month



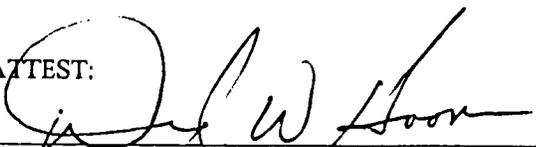
Halifax Borough Council, President



Governing Body Member



Governing Body Member

ATTEST:


Halifax Borough Secretary

4.29.98
mac

RESOLUTION NO. 98- 10

SUSQUEHANNA RIVER CONSERVATION PLAN

SUPPORTING THE SUSQUEHANNA RIVER CONSERVATION PLAN AND LISTING THE FOLLOWING SEGMENT OF THE SUSQUEHANNA RIVER FROM THE NORTHERN BOUNDARY LINE OF DAUPHIN COUNTY TO AND INCLUDING REED TOWNSHIP ON THE PENNSYLVANIA RIVERS CONSERVATION REGISTRY.

WHEREAS, the Dauphin County Board of Commissioners recognize the importance of conserving the Susquehanna River to foster the quality of life in the river area, and

WHEREAS, the Commonwealth of Pennsylvania, Department of Conservation and Natural Resources, Division of Conservation Partnerships (PA DCNR), has established a "Pennsylvania Rivers Conservation Registry"; and

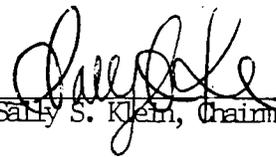
WHEREAS, the County of Dauphin has completed a Susquehanna River Conservation Plan for the Susquehanna River which contains a number of conservation recommendations suitable for implementation, development or acquisition in and throughout the Susquehanna River Corridor (in the segment noted above), and

WHEREAS, the Susquehanna River Conservation Plan has been reviewed and found acceptable by the Dauphin County Board of Commissioners, and

WHEREAS, the Dauphin County Board of Commissioners endorse the Susquehanna River Conservation Plan, and will endeavor to take appropriate action to implement its recommendations.

NOW, THEREFORE, the Dauphin County Board of Commissioners requests that the river segment defined above be listed on the Pennsylvania Rivers Conservation Registry.

RESOLVED THIS 29th DAY OF April, 1998.
Day Month


Sally S. Klein, Chairman


Russell L. Sheaffer, Vice Chairman


Anthony M. Petrucci, Secretary

ATTEST:

Thomas E. Washic, Chief County Adm./Chief Clerk