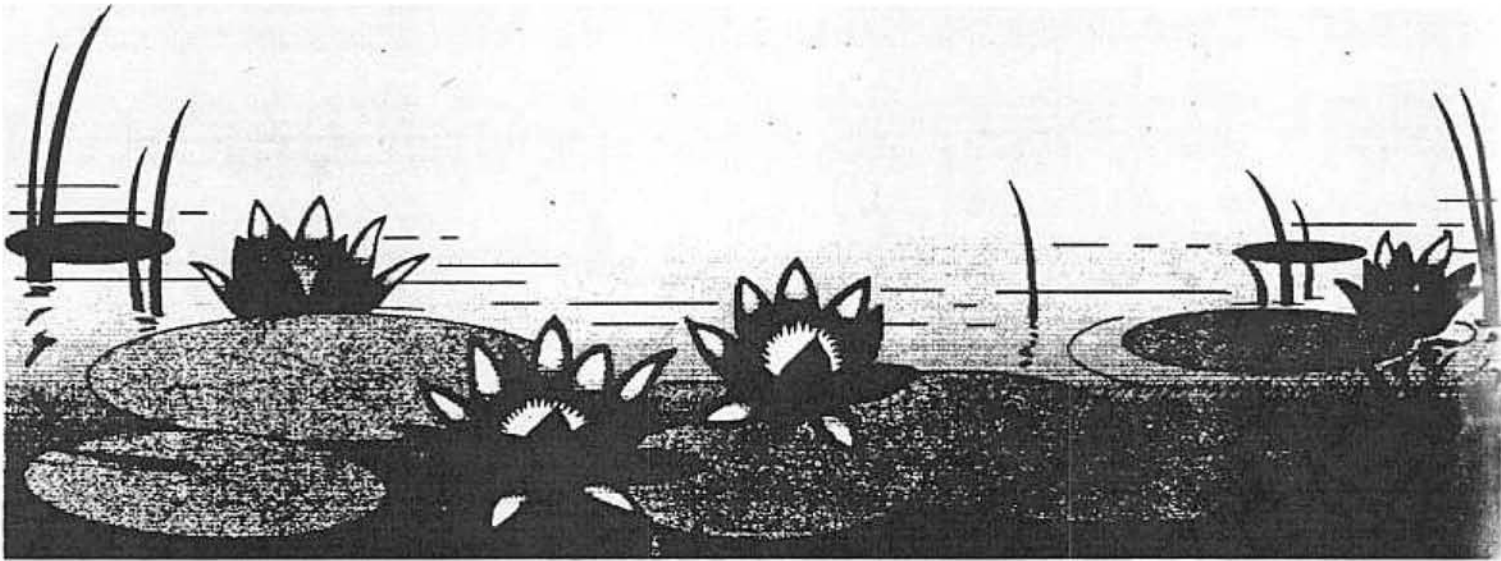




U.S. Environmental
Protection Agency
Region 2

Marine and Wetlands
Protection Branch

March 1994



PRIORITY WETLANDS

for
the State of New Jersey



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INTRODUCTION

Background

In New Jersey the loss of wetlands has been accelerating since the mid-1800's. From 1948 to 1978 the Passaic River Basin lost nearly half of its wetlands. Twelve counties have lost more than 25% of their original complement of wetlands. Passaic, Hunterdon, Mercer, Monmouth, and Sussex have lost more than half. The USDA Soil Conservation Service data for hydric soils in the state show losses of 20%, not including Essex and Hudson counties which are heavily developed. To date, nearly 40% of the state's historic wetlands base has been eliminated. Half of these losses have occurred since the 1900's. Although some wetlands were created by reservoir impoundment, beaver activity, and pond construction, these gains were minimal compared to the conversion for highways, agriculture, industrial, commercial, and residential development. Only recently have wetland regulations at the federal and state levels begun to slow these losses.

Purpose

The identification of a priority wetlands list for New Jersey is part of EPA's commitment to develop a comprehensive policy framework to establish a technically sound and consistent basis for EPA positions on proposed dredged or fill material discharges into waters of the United States, including wetlands. An important step in this effort is to focus regional resources on the identification and protection of the most important wetlands in the region.

In general, the list for New Jersey recognizes those areas identified by various federal, state and private contributors which are considered to be the most important and vulnerable wetlands in the state. This is not a comprehensive inventory; rather it is a listing of areas currently known to EPA to be important and/or under particular threat. It must be noted that failure to include any particular area on the list in no way implies that it will/should receive less than full protection under the Section 404 regulatory program. It is our intention that this list be updated periodically as discussed below.

EPA Authority Under the Clean Water Act

EPA has significant statutory authority under section 404 of the Clean Water Act to assure that dredge and fill discharges into wetlands do not result in significant adverse environmental impacts. The 404 permit program, enacted as part of the 1972 Federal Water Pollution Control Act and amended during reauthorization of the Clean Water Act of 1977, regulates the discharge of dredged or fill material into waters of the United

States. Perhaps originally conceived as a subset of the larger 402 NPDES permit program, 404 evolved from an emphasis on water quality issues into the primary federal program protecting wetlands. The increasing role of 404 in wetlands protection in the late 1970's and early 1980's was mandated by several important court decisions and by our rapidly expanding knowledge about wetlands values and losses. Most types of development or construction in the nation's waters involve some discharge of material and thus require a 404 permit. Marinas, highways, residential and industrial development, dams, bulkheads, and stream relocation typically fall under the purview of the program. "Waters of the United States" reaches to the extent permissible under the Commerce Clause of the U.S. Constitution to include rivers, lakes, streams, ponds, and wetlands (swamps, marshes, sloughs, bogs, fens, etc.). Section 404 also regulates mechanized landclearing, ditching, channelization and other excavation activities that destroy or degrade waters of the United States, including wetlands.

EPA and the Corps share program responsibilities under Section 404. The Corps administers the program on a day-to-day basis and retains final authority to issue, deny, or modify permits. EPA writes and interprets the 404(b)(1) Guidelines, the regulations which the Corps must apply in their evaluation of permit applications. EPA and the Corps have parallel authority to enforce against unauthorized discharges and violations of permit conditions.

EPA has several other authorities with which to provide additional protection to priority resources identified in this document. Under §404(c) of the Clean Water Act, EPA may prohibit or restrict dredge or fill discharges into waters of the United States, including wetlands. Although commonly thought of as our "veto" authority over Corps permits, 404(c) can be used to designate areas in advance of any discharge. EPA can also initiate a planning process called "Advanced Identification of Sites" (AVID), described in Section 230.80 of the EPA 404(b)(1) Guidelines. AVID allows EPA and the Corps, in cooperation with state and local authorities, to identify sites as being unsuitable (or suitable) for the discharge of dredged or fill material. Again, this mechanism can be used prior to the receipt of permit applications by the Corps. Unlike 404(c), an AVID designation does not prohibit or restrict work in a given area, but provides an advance indication of whether a permit application is likely to be approved or denied. Hence, AVID does not involve any formal regulatory action; its chief value is for internal program management and public education. Both authorities can protect valuable resources while reducing the controversy that now often surrounds major 404 permit applications, since developers should be aware of these designations before committing resources to a project. We normally expect to select potential AVID and 404(c) sites from

our priority list, although a site need not appear here in order to receive protection under 404(c) or AVID.

The Clean Water Act further provides that a state may assume the federal 404 program. The requirements by which the 404 program may be assumed are described under 40 CFR part 233. Not all federally regulated waters, however, may be assumed by a state. The Clean Water Act stipulates that those waters which are presently used, or are susceptible to use, in interstate or foreign commerce, shoreward to their ordinary high water mark, including all waters which are subject to the ebb and flow of the tide shoreward to their mean high water mark, including adjacent wetlands are not assumable waters. On December 22, 1993, EPA approved the state of New Jersey's application to assume authority over the 404 program; the approval became effective on March 2, 1994.

Application under New Jersey Law

In New Jersey, the Legislature has decided to incorporate the EPA Priority Wetland List into the Freshwater Wetlands Protection Act and Rules to insure that the State program complies and is consistent with the federal program. The New Jersey Freshwater Wetlands Act prohibits the use of certain general permits within areas on this list. This list replaces the former listing which was dated May 1989.

Questions regarding the use of the Priority Wetland list in the New Jersey Freshwater Wetlands Act, the designation of any particular parcel as part of a Priority Wetland, or how specific proposals may be effected by this listing should be directed to the NJDEPE Land Use Regulation Program at (609) 633-6755.

Document Construction

In developing this list, the characteristics of wetland systems throughout the state were evaluated using criteria which included the following;

1. Unique habitat for fauna of flora;
2. Unusual or regionally rare wetland types;
3. Ecologically important and under threat of development;
4. Important to surface water systems;
5. Critical to protect water supplies; and
6. Valuable for and provide flood storage capacity.

All priority areas are listed by specific geographic area

Specific geographic areas include particular wetland areas with a defined geographic boundary (e.g., Great Piece Meadows) or a particular wetland system with defined boundaries (e.g., wetlands of the Passaic River Basin).

The general category headings no longer apply to areas recognized as priority wetlands under the current listing, and are now included for informational purposes only. General categories include generic areas of concern, such as a particular type of wetland (e.g., calcareous fen) or the particular physical situation of a wetland (e.g., overlying an EPA designated sole-source aquifer). The characteristics and criteria of each general category heading and an explanation of its value and need for preservation, is included under its respective heading. Information regarding specific wetland areas which meet the description and criteria of the general category headings are being solicited by EPA. Specific wetland areas which meet these descriptions and criteria will be considered for future addition to the list as specific geographic areas.

Interpretation of Priority Wetland Extent and Boundary

Please note that the text generally describes the specific geographic areas listed and the attached maps are for illustrative purposes only. All federally regulated "Waters of the United States" located within a given priority wetland area are designated priority wetlands unless otherwise specified. "Waters of the United States," including wetlands, are defined under 40 CFR 230.3(s). Although priority wetland boundaries are generally located as outlined in the list, wetlands contiguous to priority wetlands, in the vicinity of their boundary, may be defined as belonging to that priority wetland on a case by case basis. Such factors as wetland complex continuity will be considered when interpreting specific priority wetland boundaries. Interpretation of the specific boundaries on any particular parcel should be gained, by EPA's agreement with New Jersey, from the NJDEPE office listed above.

Updating

EPA intends to update the list periodically to take into account new information that may become available regarding the listed areas as well as other wetland areas which may be candidates for inclusion.

If you have any questions concerning EPA's authority with regard to priority Wetlands please contact Mr. Mario Del Vicario, Chief of EPA Region II's Marine and Wetlands Protection Branch at the above address or by phone at (212) 264-5170.

General Category Headings

General Category Headings

NOTE: The following "General Category Heading" listings are for informational purposes only and should not be considered as EPA priority wetlands. Specifically defined individual wetlands which possess the below criteria may form the basis of future EPA "Specific Geographic Area" Priority Wetlands.

GENERAL CATEGORY HEADING

NAME: Natural Heritage Program Rare Wetland Communities

GENERAL LOCATION: Throughout New Jersey

CHARACTERISTICS/CRITERIA: These wetlands have been identified through the Natural Heritage Program as being rare in New Jersey. These wetlands, through their rarity, are intrinsically vulnerable and valuable. These wetlands often contain rare, threatened or endangered species. For further information, contact: NJDEPE, Office of Natural Lands Management, Natural Heritage Database, CN 404, Trenton, NJ, 08625.

GENERAL CATEGORY HEADING

NAME: Calcareous Fen

GENERAL LOCATION: Within the great valley of the Ridge and valley physiographic province in Sussex and Warren Counties, New Jersey

CHARACTERISTICS/CRITERIA: A calcareous fen is typically formed in low areas where calcareous groundwater seepage is continually present. This seepage frequently supports a shrub and herb community containing unique species adapted to these conditions. Few communities of this type remain in New Jersey. For further information, contact: NJDEPE, Office of Natural Lands Management, Natural Heritage Database, CN 404, Trenton, NJ, 08625.

KNOWN/POTENTIAL

THREATS TO RESOURCE:

- o Dependent* on continued supply of calcareous groundwater seepage which may be diverted
- o Pesticide applications in the vicinity
- o Ditching and draining for agriculture
- o Filling for commercial/housing developments
- o Flooding by beaver
- o Human trampling

General Category Headings

GENERAL CATEGORY HEADING

NAME: Inland Acidic Seep

GENERAL LOCATION: Kittatinny Mountains in Sussex County, New Jersey.

CHARACTERISTICS/CRITERIA: These wetlands occur as an open Graminoid/herb dominated community occurring on hillsides where cold groundwater emerges in a diffuse pattern. The presence of a shallow fragipan in the soil may contribute to the emergence of the groundwater. This wetland type is rare, occurring only in the area described above. For further information, contact: NJDEPE, Office of Natural Lands Management, Natural Heritage Database, CN 404, Trenton, NJ, 08625.

KNOWN/POTENTIAL

THREATS TO RESOURCE:

- o Human trampling
- o Changes in quality or quantity of groundwater in the vicinity

GENERAL CATEGORY HEADING

NAME: Sole Source Aquifers

GENERAL LOCATION: Throughout New Jersey

CHARACTERISTICS/CRITERIA: These wetlands overlay or are adjacent to designated Sole Source Aquifers. This heading refers only to those wetlands which provide groundwater recharge to Sole Source Aquifers. These wetlands provide protection to drinking water supplies through recharge of groundwater and through protection of aquifer water quality. For further information, contact: N.J. Geological Survey, Bureau of Groundwater Resources Evaluation, CN 427, 29 Arctic Parkway, Trenton, NJ, 08625-0427

KNOWN/POTENTIAL

THREATS TO RESOURCE:

- o Discharge of fill material for commercial or residential development
- o Contamination from pesticides
- o Changes in quality or quantity of receiving water.

Atlantic County

Atlantic County

Name: Atlantic Goose Ponds

Category: Specific Geographic Area

Location: Hamilton, Galloway, and Mullica Twps.,
Atlantic County.

U.S.G.S. Quadrangle(s): E ; Harbor City

Resource Value:

- o Good population of the state listed Pine Barrens treefrog.
- o Three globally imperiled and several state imperiled plant species.
- o Exemplary natural wetland community.

Known/Potential
Threats to Resource:

- o Development pressure.
- o Excessive unmanaged recreational use

Comments: The Atlantic Goose Ponds site is a component of the Mullica River Wetlands listing. All Wetlands within the boundaries of the Atlantic Goose Ponds listing are considered priority wetlands.

Name: Bill Henry Pond

Category: Specific Geographic Area

Location: Egg Harbor Township, Atlantic County

U.S.G.S. Quadrangle(s): Mays Landing

Resource Value:

- o Good quality rare natural community.
- o Several state significant plant species.

Known/Potential
Threats to Resource:

- o ORV use.
- o Development.
- o Trash dumping.

Atlantic County

Name: Brigantine Island

Category: Specific Geographic Area
Location: Galloway Township, Atlantic County
U.S.G.S. Quadrangle(s): Oceanville
Resource Value: o High quality site for state endangered bird species.
 o Contains several additional state endangered or threatened animals and rare plant species.
Known/Potential
Threats to Resource: o Overuse by recreational vehicles.

Name: Five Acre Pond

Category: Specific Geographic Area
Location: Estell Manor City, Atlantic County
U.S.G.S. Quadrangle(s): Tuckahoe
Resource Value: o Two globally rare plants.
 o One state listed rare plant.
 o Exemplary natural wetland community.
Known/Potential
Threats to Resource: o Development pressure.

Name: Hospitality Branch

Category: Specific Geographic Area
Location: Foldsom Twp., Atlantic County
U.S.G.S. Quadrangle(s): Newtonville
Resource Value: o Globally and state rare flora.
Known/Potential
Threats to Resource: o Alteration of the hydrology and loss of water quality as a result of development of adjacent properties.

Atlantic County

Name: Malibu Beach Complex

Category: Specific Geographic Area

Location: Egg Harbor Twp., Atlantic County

U.S.G.S. Quadrangle(s): Ocean City

Resource Value:

- o 300 acres of coastal wetlands, tidal creeks and pools, and beach.
- o Complex has been listed as one of the 20 most important migratory shorebird habitats east of the Rocky Mountains.
- o Wetlands are used extensively by state and federally listed species, most notably the piping plover.

Known/Potential

Threats to Resource:

- o Area is continually threatened by development.

Atlantic County

Name: Maurice River System: Maurice River, Manumuskin Creek, Manatico Creek, and Muskee Creek

Category: Specific Geographic Area

Location: Atlantic, Cumberland, Gloucester, and Salem Counties. Various municipalities.

U.S.G.S. Quadrangle(s): Bridgeton, Buena, Cedarville, Dividing Creek, Elmer, Five Points, Heislerville, Milleville, Newfield, Pitman East, Pitman West, Port Elizabeth, Port Norris

Resource Value:

- o Wetlands of this drainage are amongst the most pristine natural areas in New Jersey.
- o Supports major wintering population of the federally endangered bald eagle and provides historically suitable nesting habitat for this species, which is hoped will once again provide habitat for additional nesting pairs.
- o Other state listed species present include ospreys, red-shouldered hawks, southern gray and pine barrens treefrogs, and barred owls.

Known/Potential Threats to Resource:

- o Development pressures and human encroachment.

Comments: All Tributary wetlands of the Maurice River system are considered part of this priority listing. Much of the Maurice River and its tributaries have been federally designated as part of the National Wild and Scenic Rivers system.

Note - The Pole Tavern listing is located within the boundaries of the Maurice River priority wetland. See the Pole Tavern listing for further information.

Atlantic County

Name: Mullica River wetlands (Overall System)

Category: Specific Geographic Area

Location: Atlantic, Burlington, Camden, and Ocean County

U.S.G.S. Quadrangle(s): Atsion, Brookville, Chatsworth, Clementon, Egg Harbor City, Green Bank, Hammonton, Indian Mills, Jenkins, Medford Lakes, New Gretna, Newtonville, Oceanville, Oswego Lake, Pleasantville, Tuckerton, West Creek, Williamstown, Woodmansie

Resource Value:

- o Large areas of estuarine and palustrine wetlands.
- o An area of high water quality
- o Used as a restoration area for shellfish, especially for shellfish depuration.
- o Features a diversity of game and nongame wildlife.

Known/Potential Threats to Resource:

- o Extreme pressure to develop the area south of the bay which may negatively impact the area.
- o Geologically within the pinelands.
- o Features a high water table and sandy soils. As a result, the groundwater may be subject to contamination, which could lead to further contamination of estuary.

Comments: All tributary wetlands of the Mullica River system are considered part of this priority listing. Much of the drainage is protected by public lands (e.g. Brigantine NWR, Lebanon and Bass River State Forests, and the Pinelands National Reserve.

Note - The Atlantic Goose Ponds and Oswego River priority wetlands are located within the boundaries of the Mullica River Wetlands listing. See these listings for further information

Atlantic County

Name: Oceanville Bog

Category: Specific Geographic Area

Location: Oceanville Twp., Atlantic County

U.S.G.S. Quadrangle(s): Oceanville

Resource Value: ○ Rare orchid species, several of which are state imperiled or rare.
 ○ Venus fly-trap population and several other state rare plants.
 ○ Population of the state listed pine Barrens treefrog.

Known/Potential
Threats to Resource: ○ Development of adjacent upland areas and wetlands.

Name: Reega

Category: Specific Geographic Area

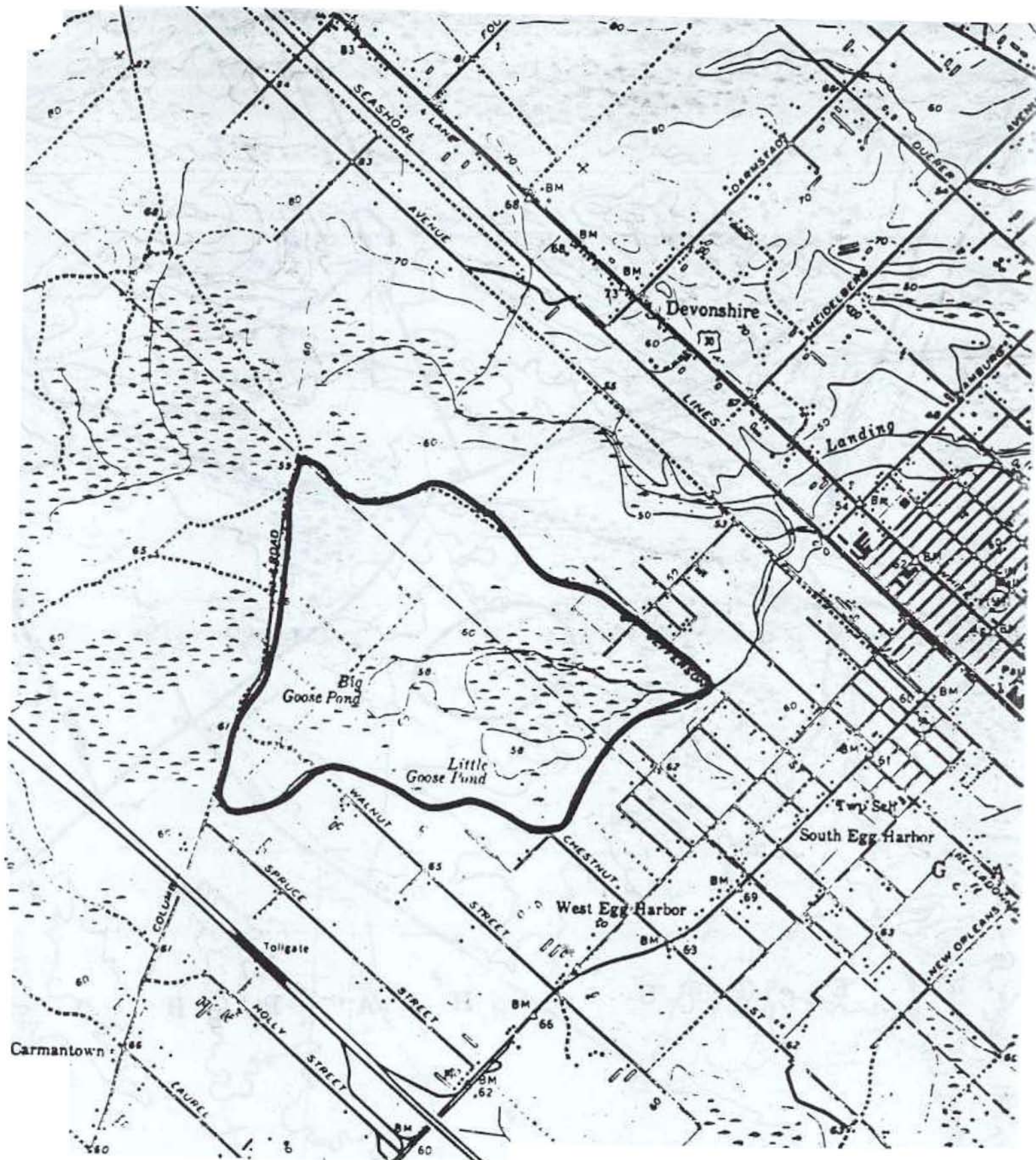
Location: Atlantic County

U.S.G.S. Quadrangle(s): Mays Landing

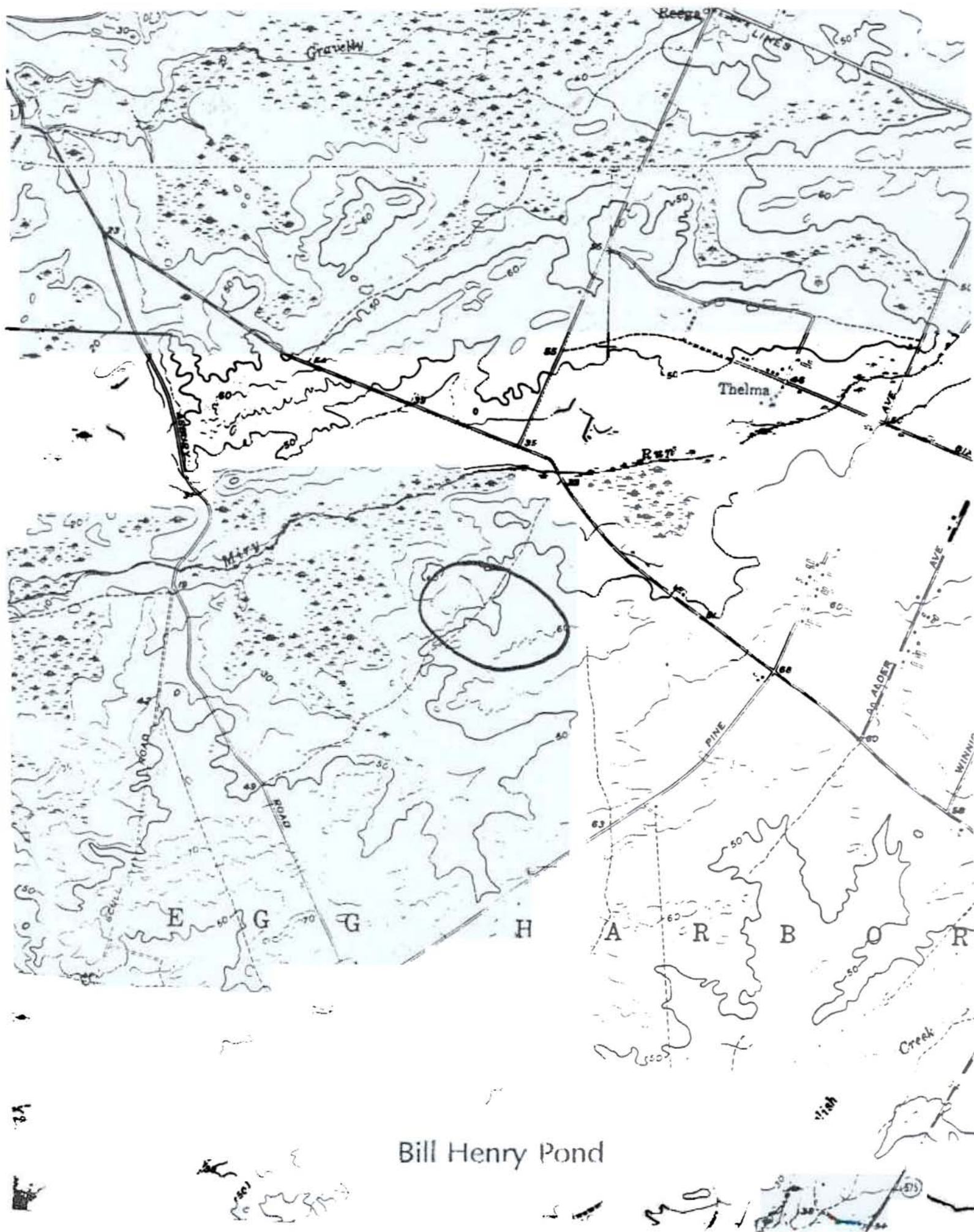
Resource Value: ○ Extensive occurrence of critically imperiled global plant species.

Known/Potential
Threats to Resource: ○ Trash dumping.
 ○ Dirt bikes.

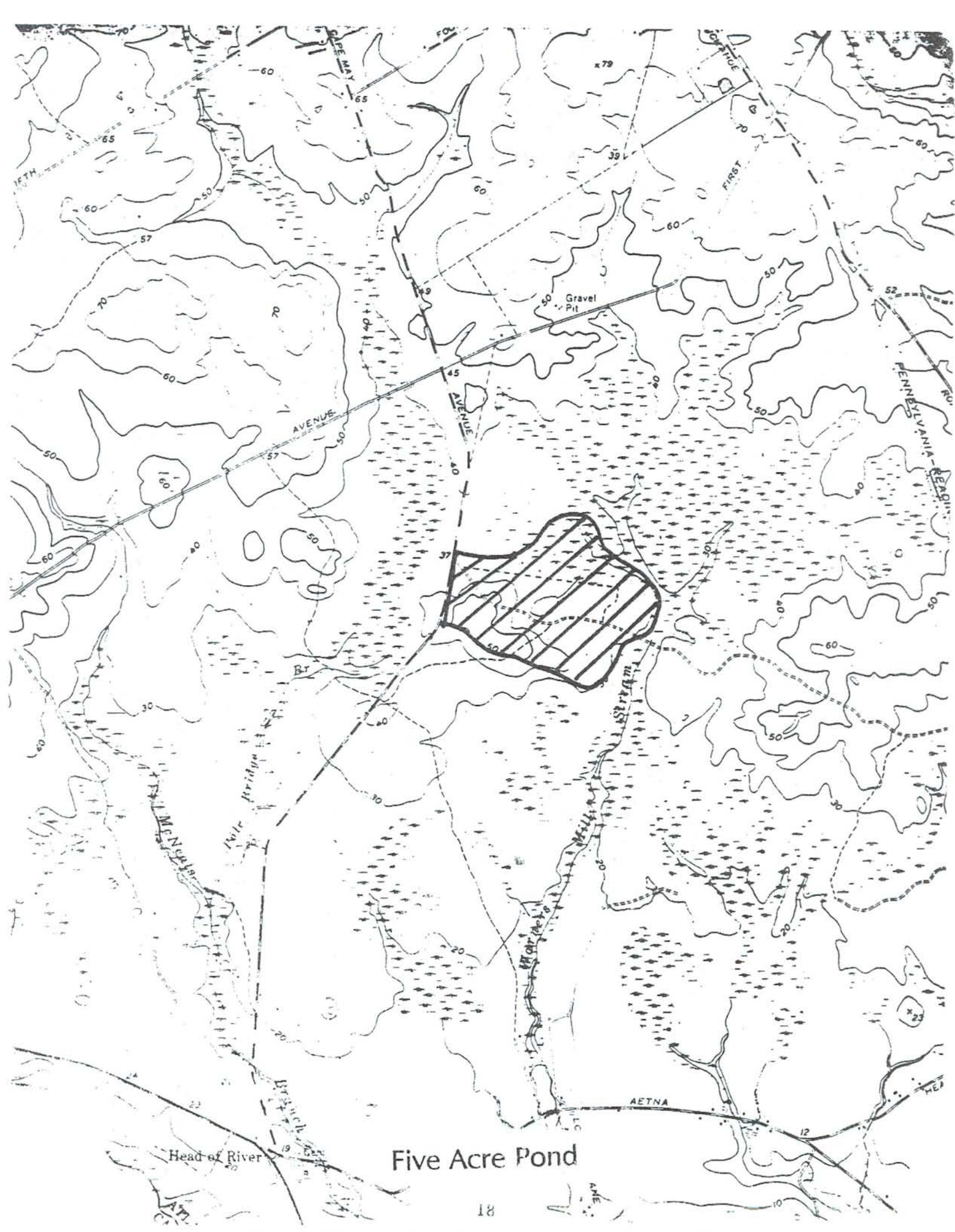
Comments This site is located within the Pinelands Preservation Area.



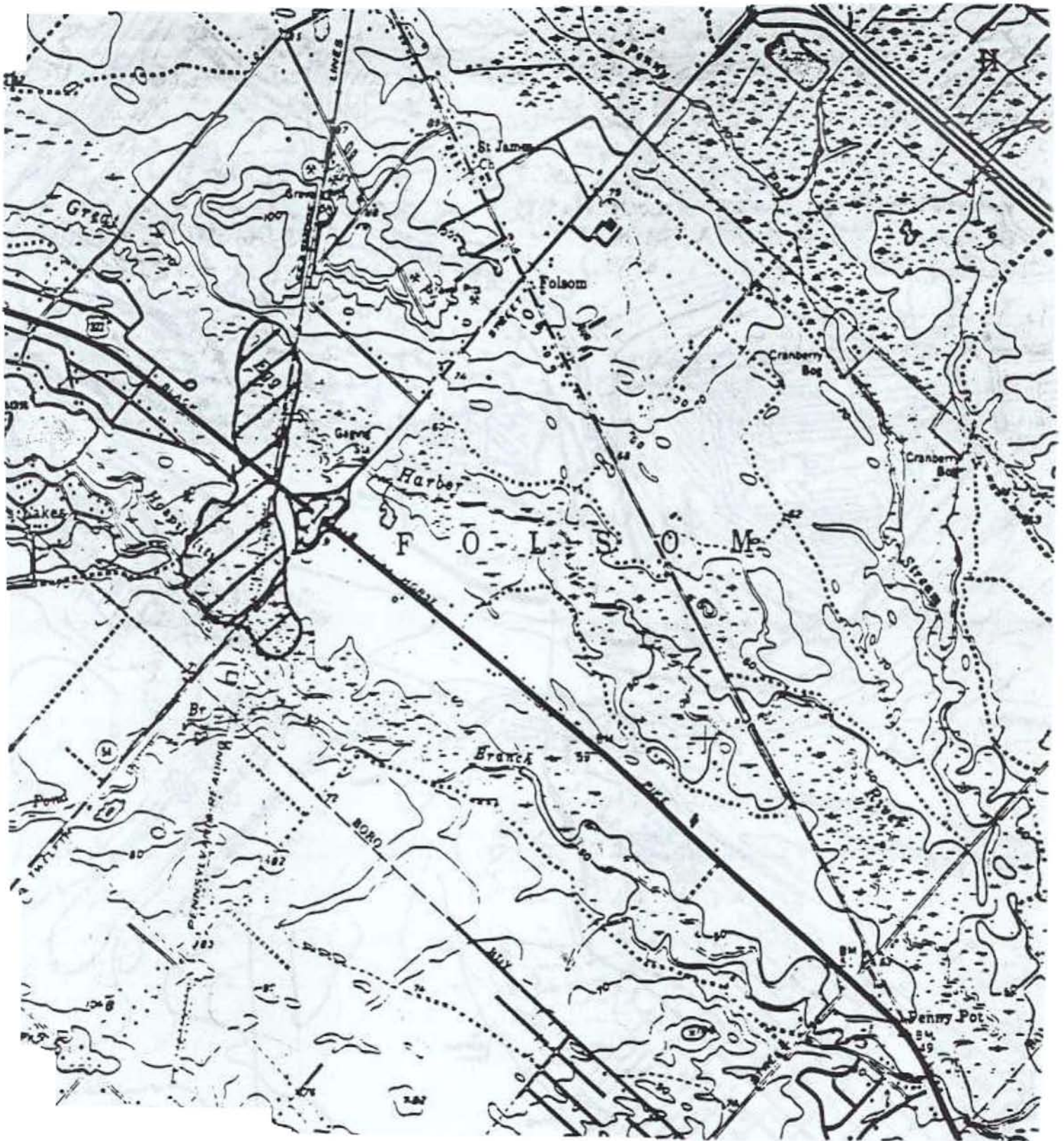
Atlantic Goose Ponds





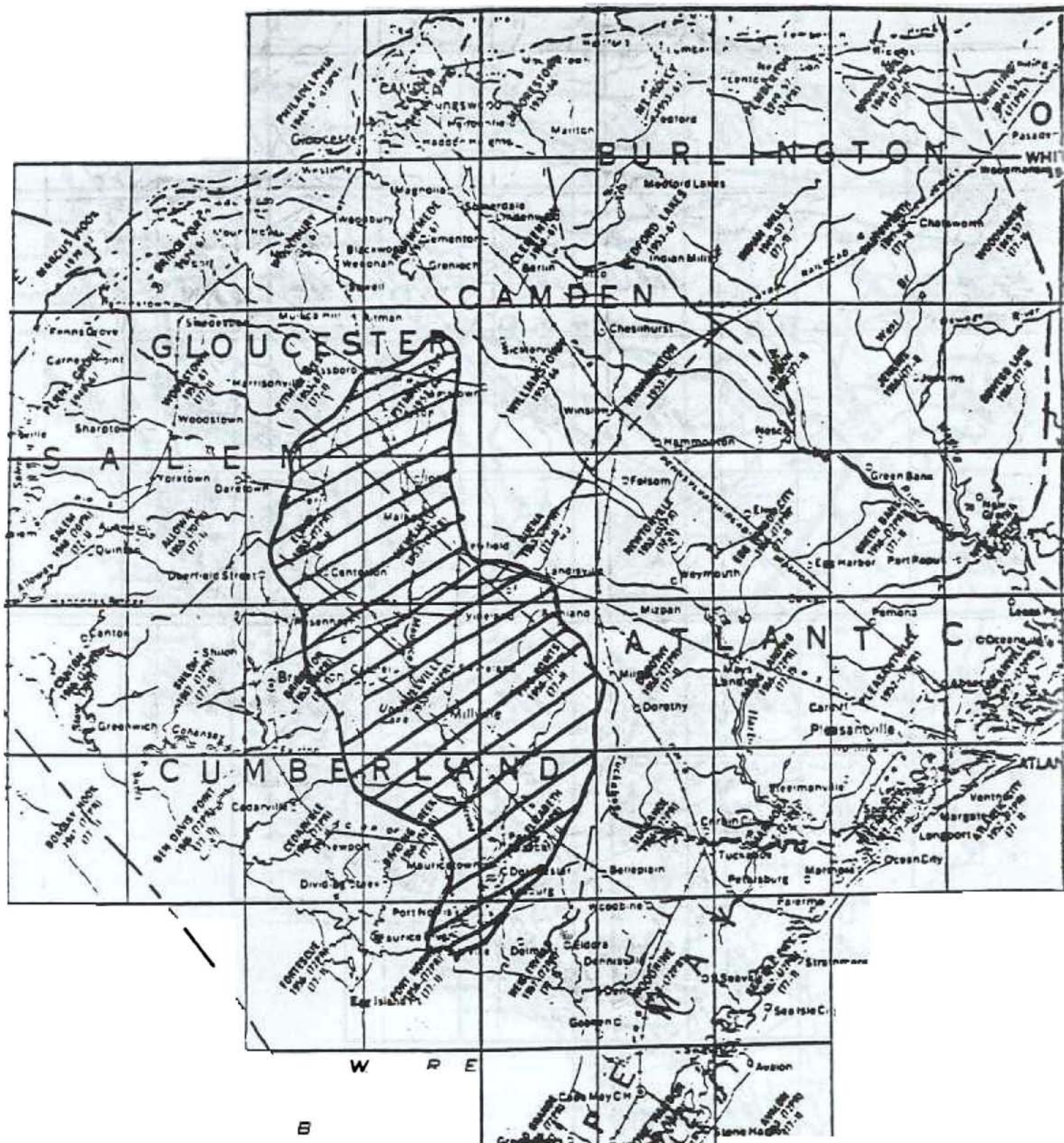


Five Acre Pond

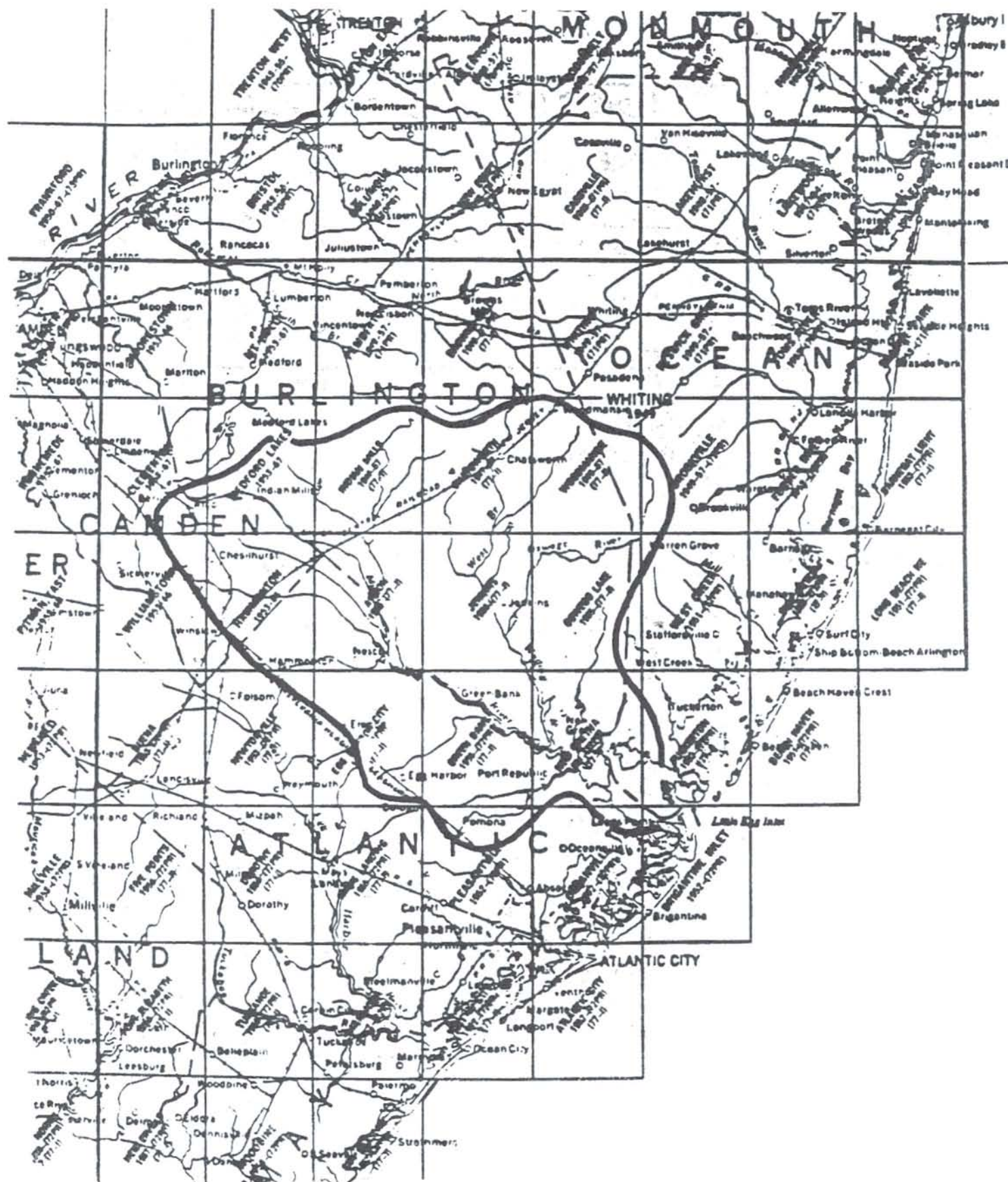


Hospitality Branch

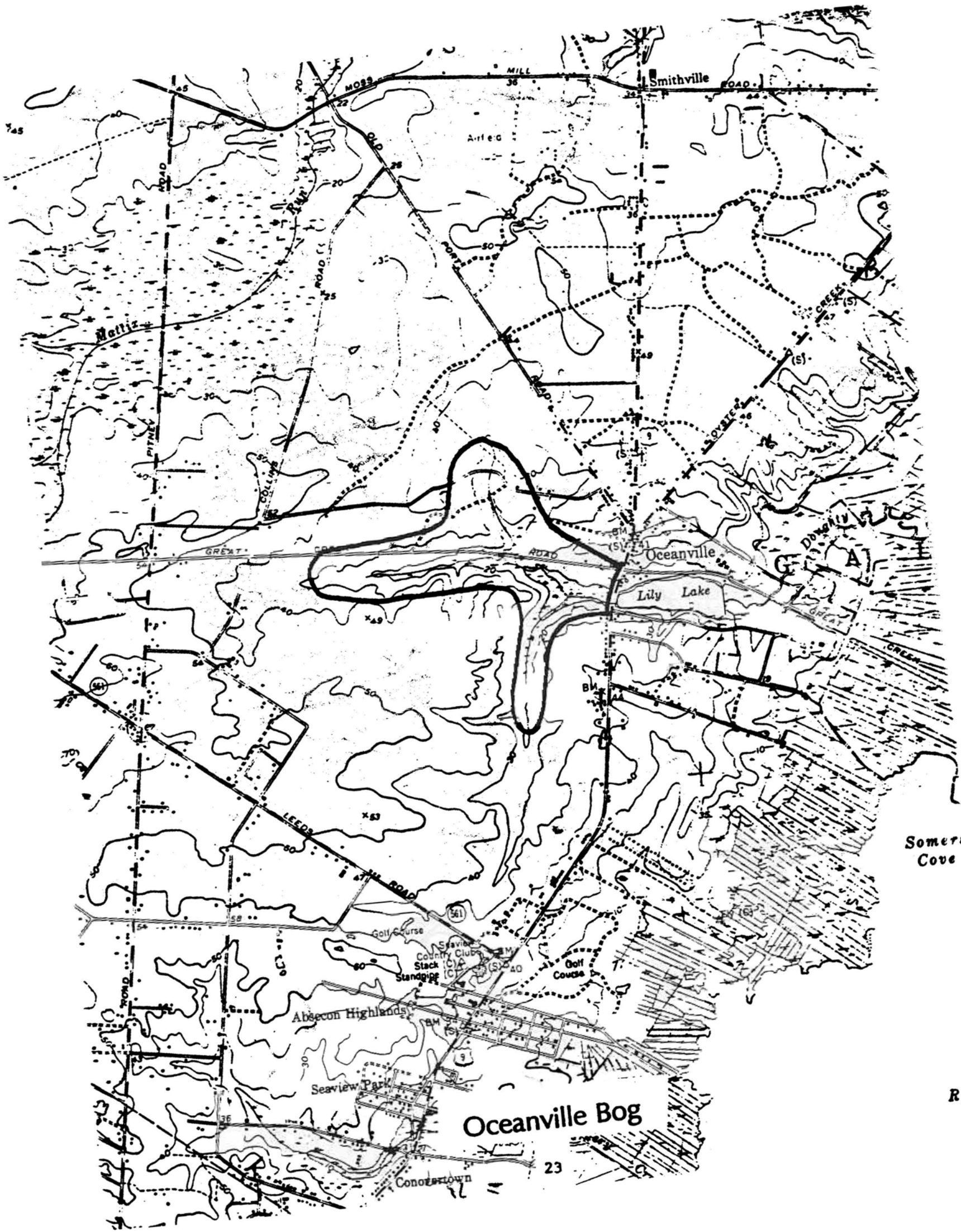




Mauric River System



Mullica River wetlands (Overall System)



REE

Bergen County

Bergen County

Name: Bear Swamp

Category: Specific Geographic Area

Location: Park Ridge and Montvale Township, Bergen County. Located approximately at Spring Valley Road and Brae Boulevard.

U.S.G.S. Quadrangle(s): Park Ridge

Resource Value:

- o Unique habitat, specimen-sized trees.
- o Features an exemplary red maple-swamp azalea community of considerable age for New Jersey.
- o Rare plants.
- o Habitat for State threatened and endangered bird species.

Known/Potential
Threats to Resource:

- o Commercial and residential development totally surrounds the wetland and has already infringed on all borders. Aerial extent of resource has decreased and can be expected to decrease further. Threat to resource is increasing due to the development of a fast-growing high quality office center in this immediate area.

Bergen County

Name: Hackensack Meadowlands

Category: Specific Geographic Area

Location: Various townships including Kearny, N. Arlington, and Woodbridge Twps., Hudson and Bergen Counties.

U.S.G.S. Quadrangle(s): Elizabeth, Hackensack, Orange, Weehawkin

Resource Value:

- o Diverse array of palustrine and estuarine wetlands.
- o Provides significant habitat for waterfowl, including the only NJ breeding population of American Coots, and raptors (e.g. northern harriers, short-eared owls).
- o Features floodwater storage for the Hackensack River and several tidal and non-tidal streams.

Known/Potential Threats to Resource:

- o Intense development pressure from surrounding communities and land speculators.

Comments: This Priority listing includes all wetlands within the Hackensack Meadowlands.

Bergen County

Name: Passaic River Basin

Category: Specific Geographic Areas

Location: Northeastern New Jersey (i.e. Bergen, Essex, Hudson, Morris, Passaic, Somerset, Sussex, Union Counties) and New York (Orange and Rockland Counties).

U.S.G.S. Quadrangle(s): Bernardsville, Boonton, Boundbrook, Caldwell, Chatham, Dover, Franklin, Greenwood Lake, Hackensack, Hamburg, Mendham, Morristown, Newfoundland, Orange, Paterson, Plainfield, Pompton Plains, Ramsey, Roselle, Sloatsburg, Wanaque, Wawayanda, Weehawkin

Resource Value:

- o Flood control.
- o Water supplies and water quality maintenance.
- o Important habitat for waterfowl, raptors, passerines, herptiles, furbearers, and fish, including various state and federally listed species.

Known/Potential

Threats to Resource:

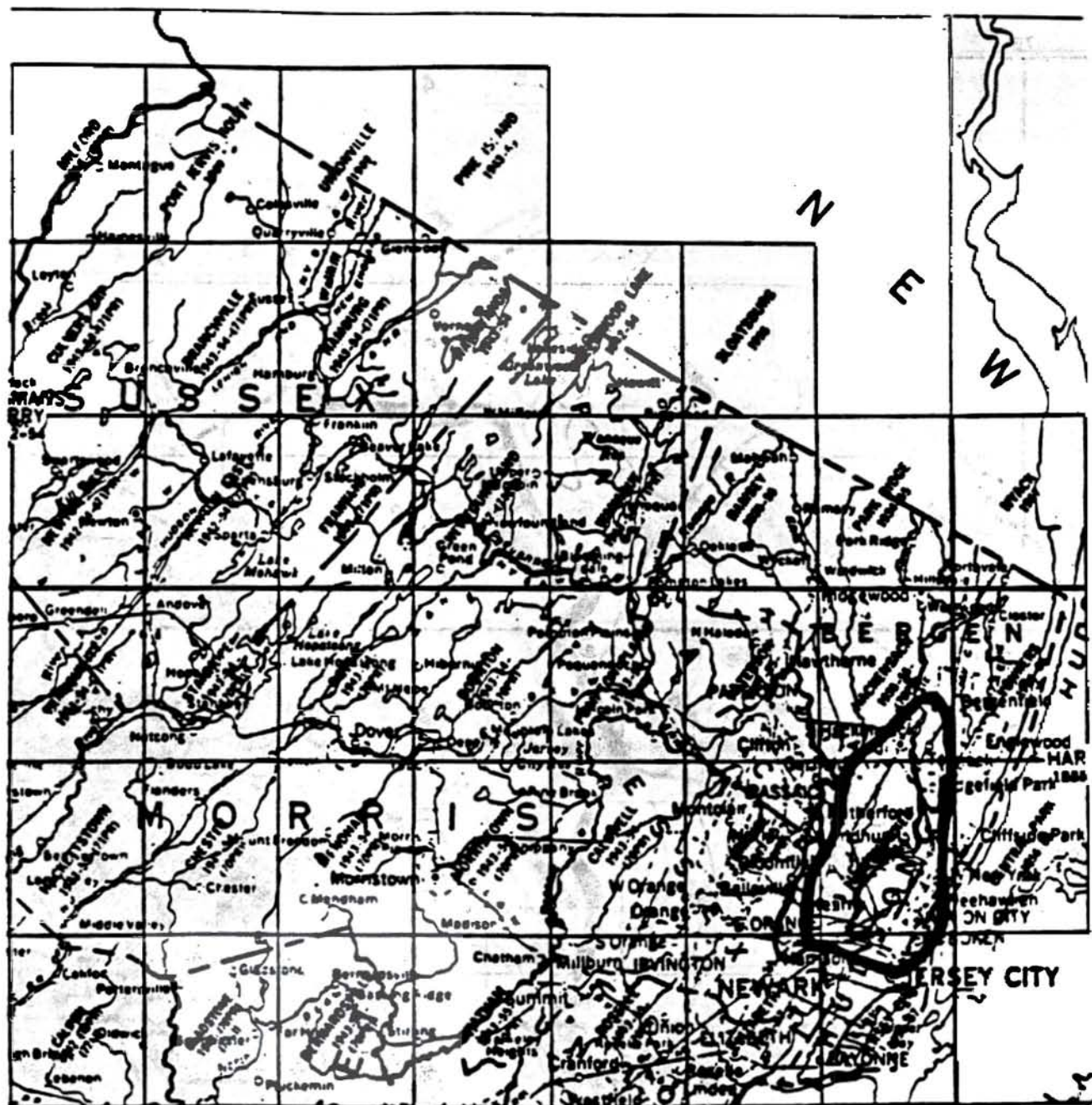
- o Proposed Passaic River tunnel project, New York ACOE.
- o Urbanization.
- o Routes 46, 10, 80, and 24 run through these wetlands and have had major impacts.
- o Encroachment and the continuation of filling in flood zone areas.

Comments:

This listing applies to all wetlands within the Passaic River Basin except for isolated wetlands which occur outside of the 100 year floodplain, as defined by either the Federal Emergency Management Agency's 100 year flood elevation or the New Jersey 100 year flood elevation, whichever is higher. The Passaic River drains 935 square miles of New Jersey and New York. Average annual population growth is estimated at 0.34% and 2.50% for the upper and lower portions respectively. **Note** - The Beech Brook, Big Pine Swamp and Washington Valley priority wetlands are located within the boundaries of the Passaic River Basin listing. See these listings for further information.



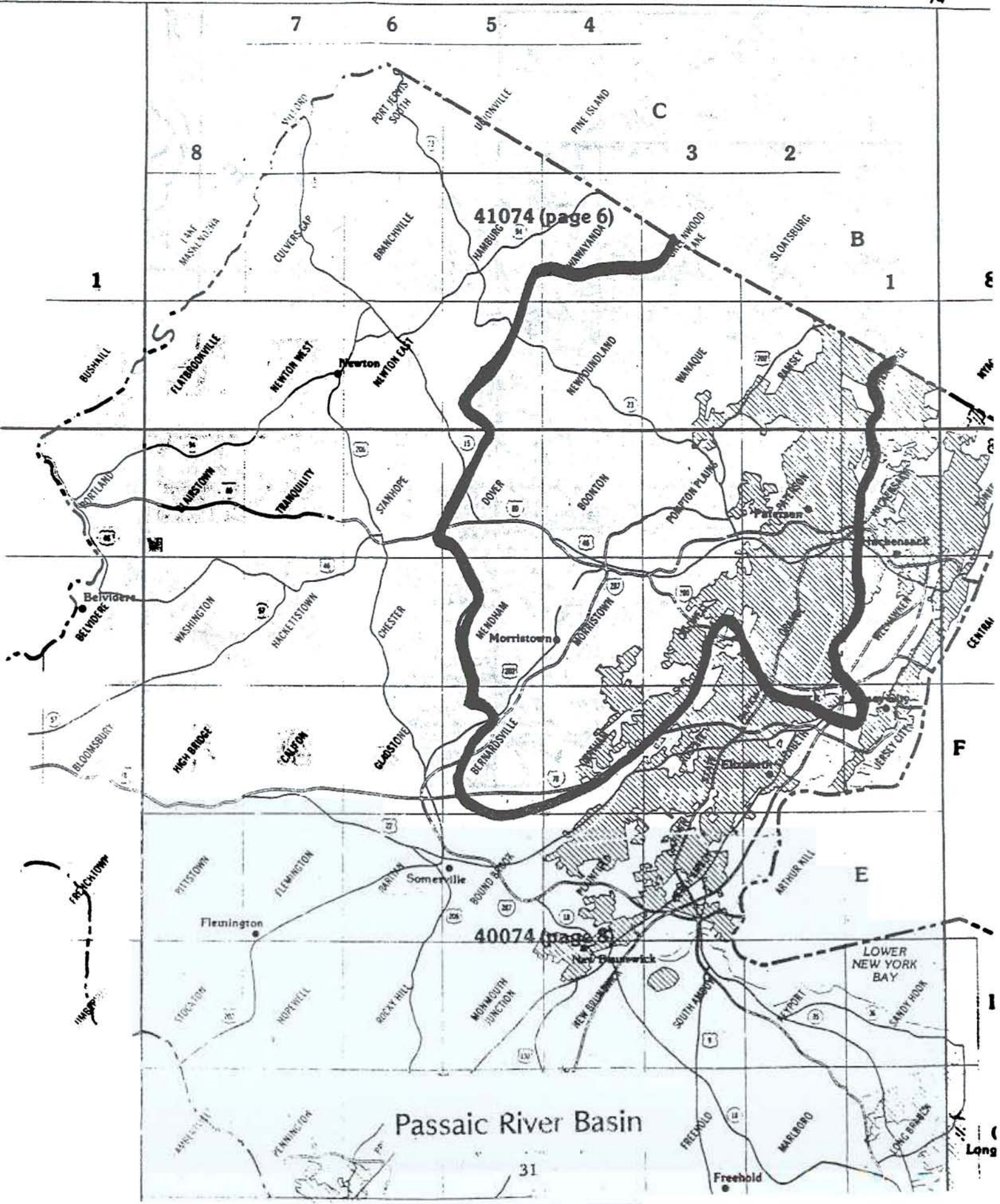
Bear Swamp



Hackensack Meadowlands

75°

74°



Passaic River Basin

Burlington County

Burlington County

Name: Barnegat Bay and its Tributaries (Overall System)

Category: Specific Geographic Area

Location: Burlington County, Bass River Twp., Monmouth County, Millstone Twp. and Howell Twp., Ocean County, various municipalities. From the Metedeconk River watershed south to Great Bay, including the barrier islands to the east.

U.S.G.S. Quadrangle(s): Adelphia, Barnegat Light, Beach Haven, Brookville, Cassville, Farmingdale, Forked River, Keswick Grove, Lakehurst, Lakewood, Long Beach NE, New Gretna, Oswego Lake, Point Pleasant, Roosevelt, Seaside Park, Ship Bottom, Toms River, Tuckerton, West Creek, Whiting, Woodmansie

Resource Value:

- o Fishery and nursery habitat.
- o Shellfish nursery and habitat.
- o Estuarine and palustrine wetlands.
- o Wildlife habitat for game and nongame species, including indigenous state listed herptiles (Pine Barrens treefrog, tiger salamander).

Known/Potential

Threats to Resource:

- o Intense pressure for dredge and fill due to the popularity of the area.
- o Has undergone rapid development, severely threatened by residential and commercial development.

Comments:

All wetlands which are a component of the Barnegat Bay tributary system are considered part of this priority listing. Much of the area of this listing is within CAFRA jurisdiction and is the subject of a watershed management plan.

Note - The Manahawkin Swamp, Manahawkin Lake and Reedy Creek/Herring Point priority wetlands are located within the boundaries of the Barnegat Bay listing. See these listings for further information.

Burlington County

Name: Hamilton Marsh

Category: Specific Geographic Area

Location: Mercer and Burlington Counties,
immediately south of Trenton.

U.S.G.S. Quadrangle(s): Trenton East

Resource Value:

- o Breeding area for the state listed Pied-billed grebe.
- o Supports a variety of game and nongame species.
- o Fish habitat for the Federally endangered Shortnose Sturgeon.
- o Enhances water quality run-off to the Delaware River.

Known/Potential
Threats to Resource:

- o Adjacent residential development.
- o Impacted by the Trenton Complex highway project.

Name: Kirbys Mill Site

Category: Specific Geographic Area

Location: Medford Township, Burlington County.

U.S.G.S. Quadrangle(s): Mount Holly

Resource Value:

- o Provides habitat for a state critically imperiled species.

Known/Potential
Threats to Resource:

- o Adjacent development.

Burlington County

Name: Lake Pines

Category: Specific Geographic Area

Location: Evesham Twp., Burlington County

U.S.G.S. Quadrangle(s): Clementon

Resource Value:

- o Large contiguous block of palustrine forest, scrub-shrub, and emergent wetlands.
- o Provides important food and cover for surface-feeding ducks, furbearers, passerines, raptors, deer, and small mammals.

Known/Potential
Threats to Resource:

- o Development pressures from surrounding communities.

Burlington County

Name: Mullica River wetlands (Overall System)

Category: Specific Geographic Area

Location: Atlantic, Burlington, Camden, and Ocean County

U.S.G.S. Quadrangle(s): Atsion, Brookville, Chatsworth, Clementon, Egg Harbor City, Green Bank, Hammonton, Indian Mills, Jenkins, Medford Lakes, New Gretna, Newtonville, Oceanville, Oswego Lake, Pleasantville, Tuckerton, West Creek, Williamstown, Woodmansie

Resource Value:

- o Large areas of estuarine and palustrine wetlands.
- o An area of high water quality
- o Used as a restoration area for shellfish, especially for shellfish depuration.
- o Features a diversity of game and nongame wildlife.

Known/Potential

Threats to Resource:

- o Extreme pressure to develop the area south of the bay which may negatively impact the area.
- o Geologically within the pinelands.
- o Features a high water table and sandy soils. As a result, the groundwater may be subject to contamination, which could lead to further contamination of estuary.

Comments:

All tributary wetlands of the Mullica River system are considered part of this priority listing. Much of the drainage is protected by public lands (e.g. Brigantine NWR, Lebanon and Bass River State Forests, and the Pinelands National Reserve.

Note - The Atlantic Goose Ponds and Oswego River priority wetlands are located within the boundaries of the Mullica River Wetlands listing. See these listings for further information

Burlington County

Name: Ongs Hat Site

Category: Specific Geographic Area
Location: Southampton Township, Burlington County
U.S.G.S. Quadrangle(s): Pemberton
Resource Value: o Provides habitat for federally listed species.
Known/Potential
Threats to Resource: o Hydrologic threats

Name: Oswego River Wetlands

Category: Specific Geographic Area
Location: Bass River, Washington, and Woodland Twps., Burlington County.
U.S.G.S. Quadrangle(s): Jenkins, Oswego, Woodmansie
Resource Value: o Features 2 state listed herptile species (pine barrens treefrog, bog turtle).
 o More than 15 globally rare plants and many more state rare species.
Known/Potential
Threats to Resource: o Excessive, unmanaged recreational activity.
 o Agricultural development.

Comments: The Oswego River listing is a component of the Mullica River priority wetlands. All wetlands within the boundaries of the Oswego River listing are considered priority wetlands.

Burlington County

Name: South Valley/Strawbridge Wetlands

Category: Specific Geographic Area

Location: Block 276, 277 (lots 3-5), and 278 (lots A-MM) Moorestown Twp., Burlington County.

U.S.G.S. Quadrangle(s): Moorsetown

Resource Value:

- o Reported breeding area for the red-shouldered hawk (threatened) and the red-headed woodpecker (threatened), both state listed species.

Known/Potential Threats to Resource:

- o Development pressure for industrial use. Stormwater runoff from adjacent developed areas.

Comments: Portions of the site have been donated to the NJ Natural Lands Trust.

Name: Walnford Floodplain

Category: Specific Geographic Area

Location: Chesterfield, North Hanover, Hamilton, and Upper Freehold Twps., Burlington, Mercer, and Monmouth Counties.

U.S.G.S. Quadrangle(s): Allentown

Resource Value:

- o Exemplary natural wetland community.
- o State imperiled plant species.

Known/Potential Threats to Resource:

- o Development pressure

Burlington County

Name: Whitesbog

Category: Specific Geographic Area

Location: Pemberton, Burlington County, and
Manchester Twp, Ocean County.

U.S.G.S. Quadrangle(s): Whiting, Browns Mills

Resource Value:

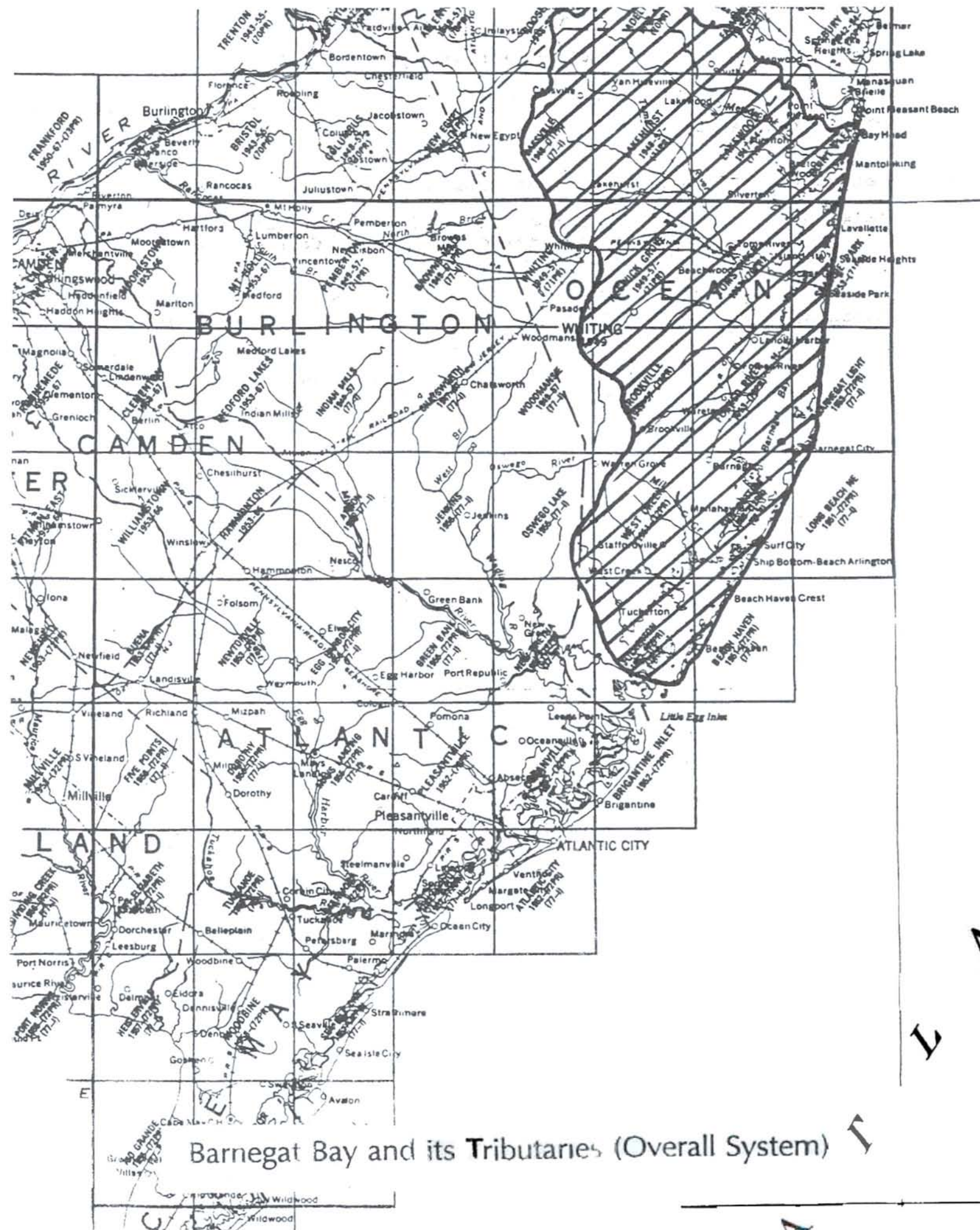
- o Contains two globally imperiled plant species.
- o Several occurrences of globally rare plant and animal species.
- o Concentration of state significant plants and animals.

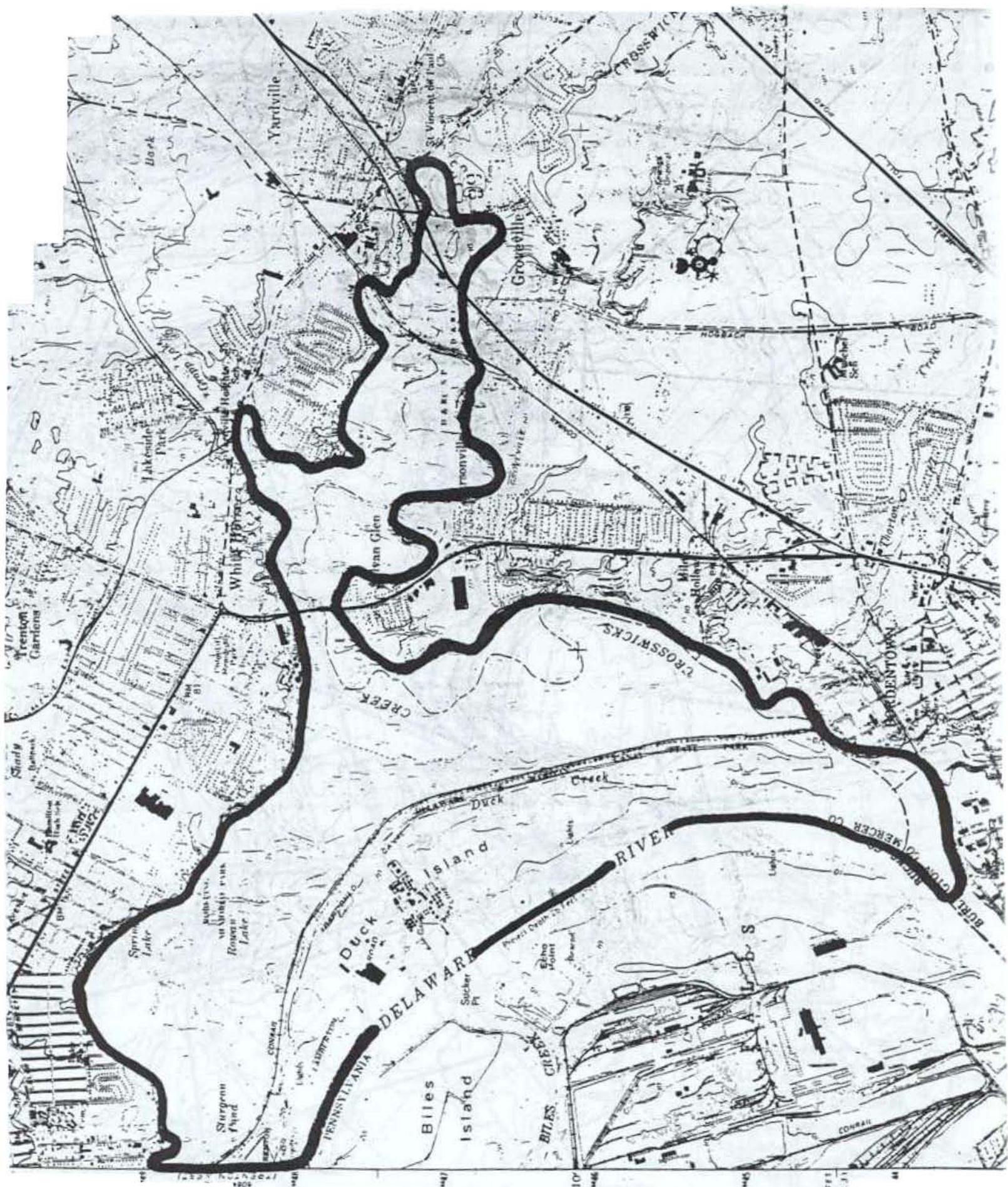
Known/Potential

Threats to Resource:

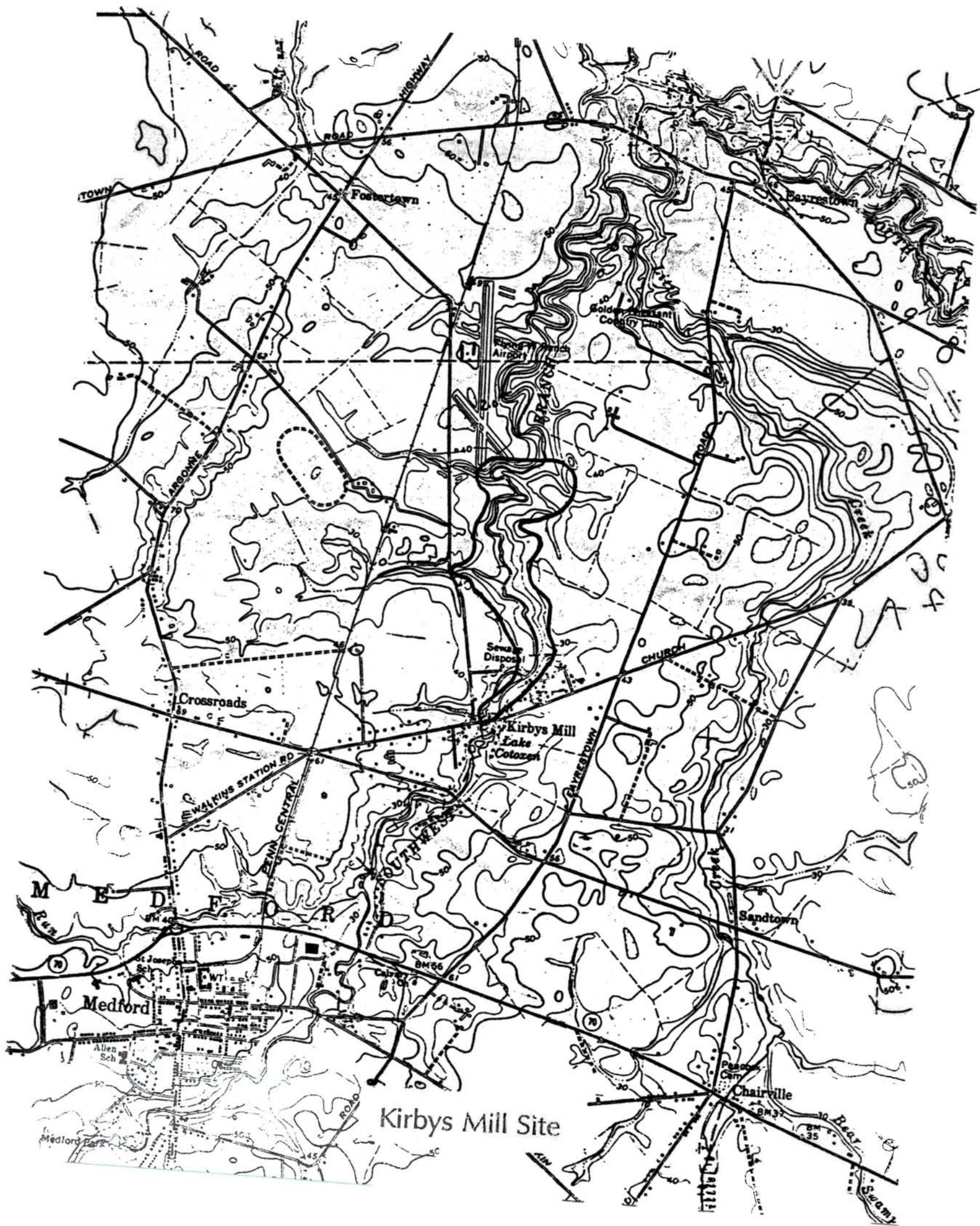
- o Roadside management.
- o Recreational development.
- o Collecting.

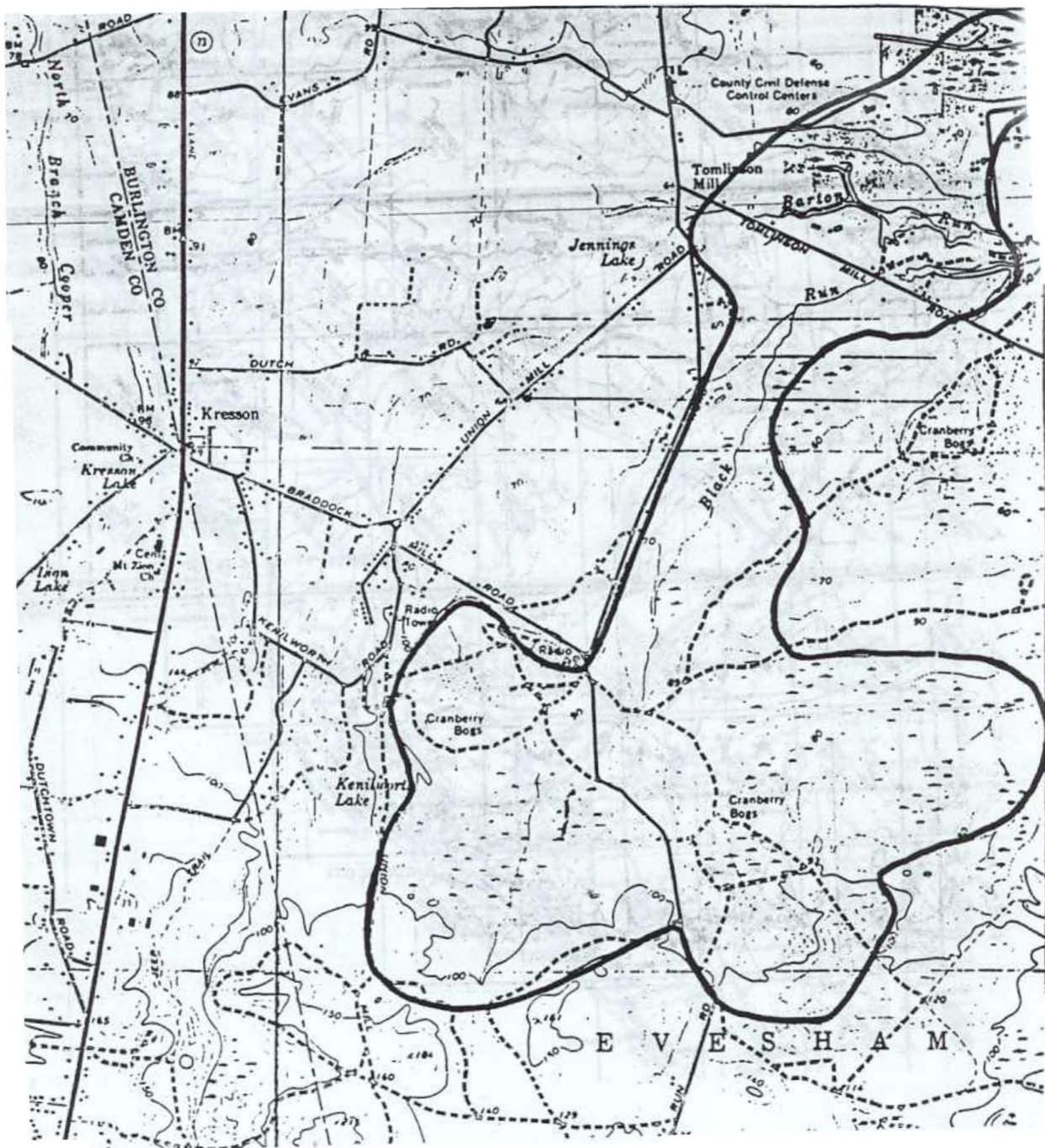
Comments: This site is located within the
Pinelands National Reserve.



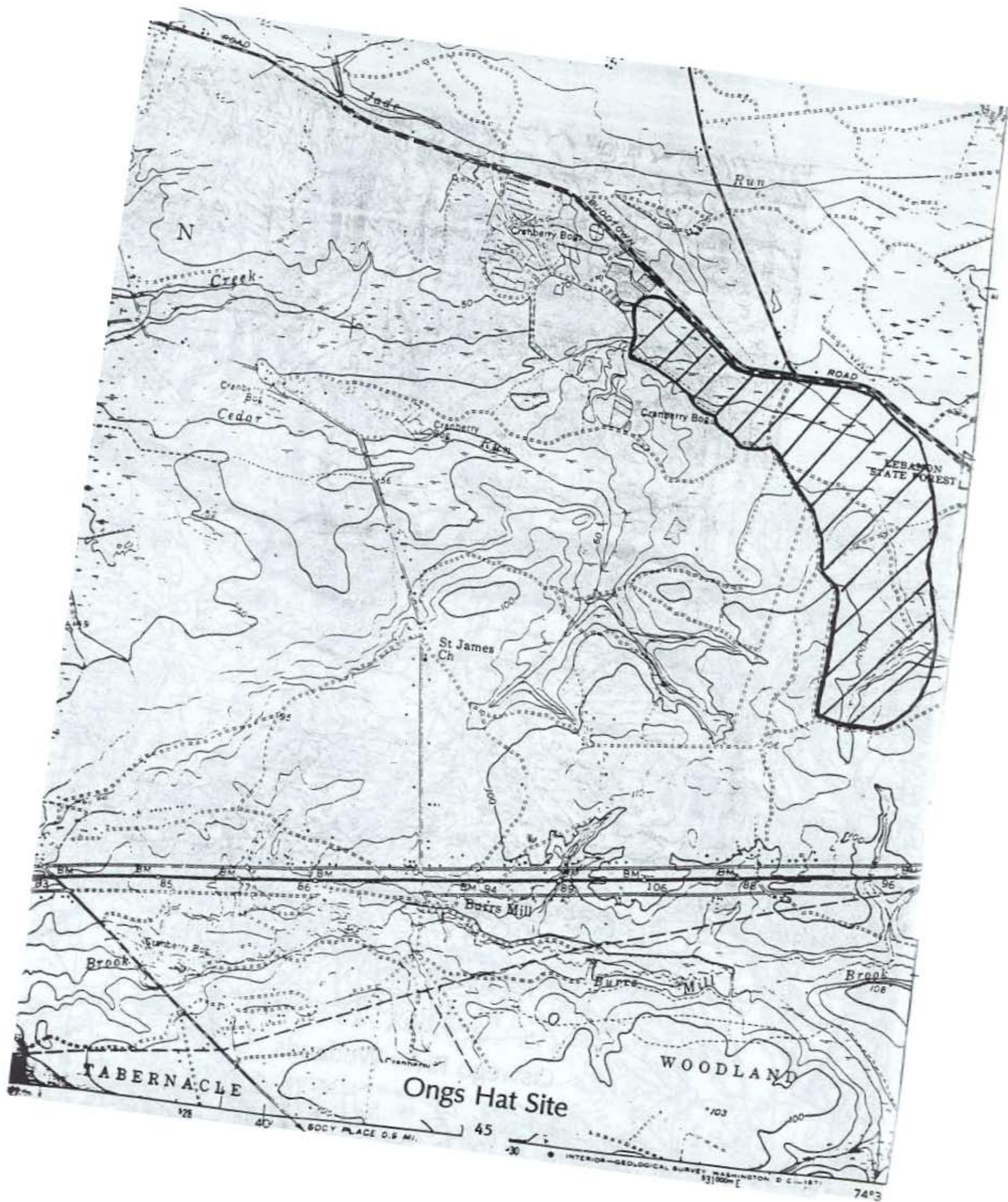


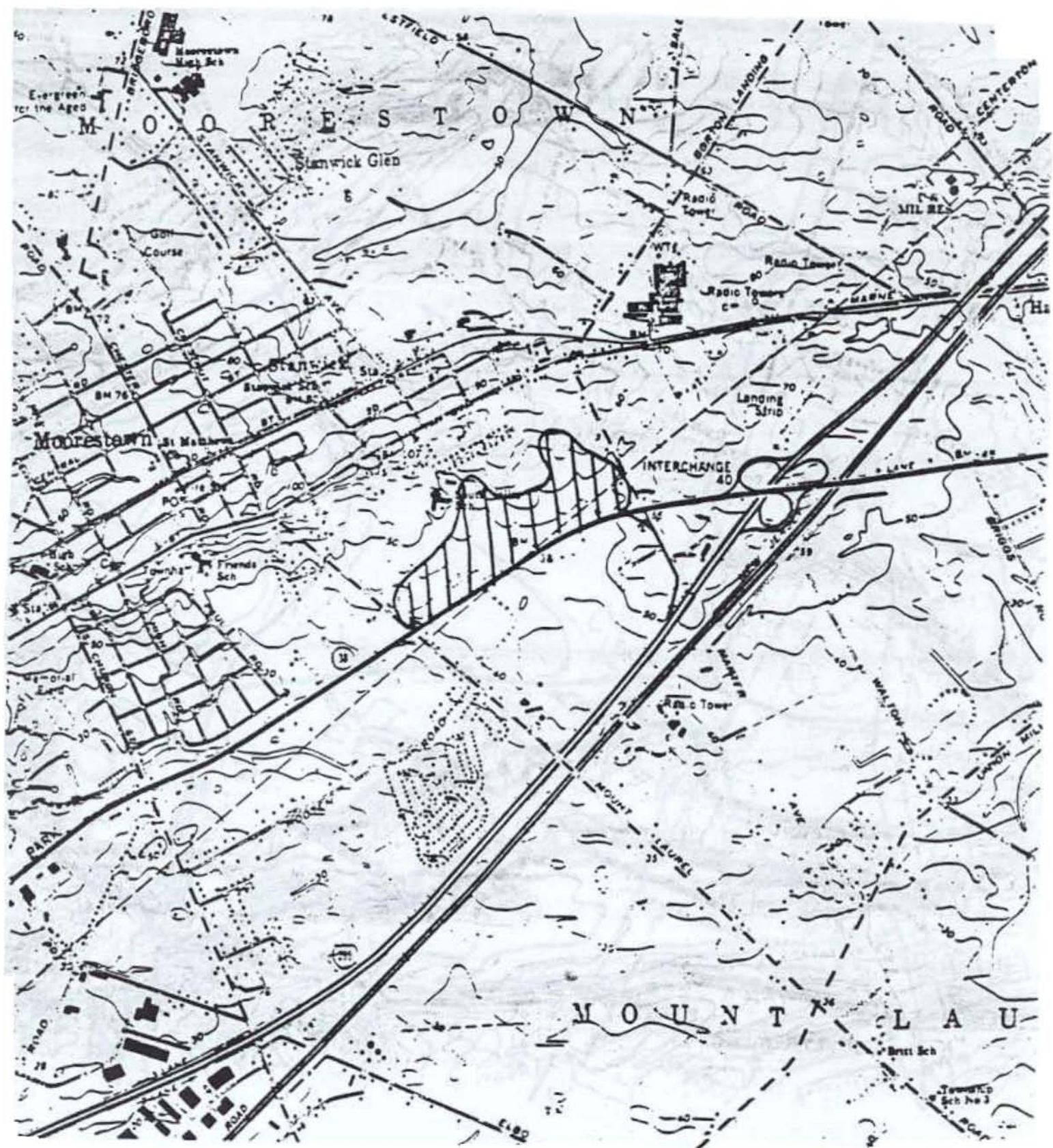
Hamilton Marsh





Lake Pines





South Valley/Strawbridge Wetlands



Walnford Floodplain



Camden County

Camden County

Name: Beagle Club Woods

Category: Specific Geographic Area

Location: Voorhees Twp., Camden County

U.S.G.S. Quadrangle(s): Clementon

Resource Value: ○ Wetlands support federally listed threatened and endangered plant species and state rare plant species.

Known/Potential

Threats to Resource: ○ Development pressure.
 ○ Potential for degradation to result from recreational use of the site.

Name: Campus Swamp

Category: Specific Geographic Area

Location: Gloucester Township, Camden County

U.S.G.S. Quadrangle(s): Runnemede

Resource Value: ○ Excellent occurrence of globally rare plant species.

Known/Potential

Threats to Resource: ○ Recreational overuse.
 ○ Problems with adjacent land use

Name: Hidden Lake

Category: Specific Geographic Area

Location: Gloucester Township, Camden County

U.S.G.S. Quadrangle(s): Runnemede

Resource Value: ○ Provides habitat for a federal and state listed species.

Known/Potential

Threats to Resource: ○ Development pressure.

Camden County

Name: Mullica River wetlands (Overall System)

Category: Specific Geographic Area

Location: Atlantic, Burlington, Camden, and Ocean County

U.S.G.S Quadrangle(s): Atsion, Brookville, Chatsworth, Clementon, Egg Harbor City, Green Bank, Hammonton, Indian Mills, Jenkins, Medford Lakes, New Gretna, Newtonville, Oceanville, Oswego Lake, Pleasantville, Tuckerton, West Creek, Williamstown, Woodmansie

Resource Value:

- o Large areas of estuarine and palustrine wetlands.
- o An area of high water quality.
- o Used as a restoration area for shellfish, especially for shellfish depuration.
- o Features a diversity of game and nongame wildlife.

Known/Potential

Threats to Resource:

- o Extreme pressure to develop the area south of the bay which may negatively impact the area.
- o Geologically within the pinelands.
- o Features a high water table and sandy soils. As a result, the groundwater may be subject to contamination, which could lead to further contamination of estuary.

Comments:

All tributary wetlands of the Mullica River system are considered part of this priority listing. Much of the drainage is protected by public lands (e.g. Brigantine NWR, Lebanon and Bass River State Forests, and the Pinelands National Reserve.

Note - The Atlantic Goose Ponds and Oswego River priority wetlands are located within the boundaries of the Mullica River Wetlands listing. See these listings for further information.

Camden County

Name: Pine Hill BSA Site

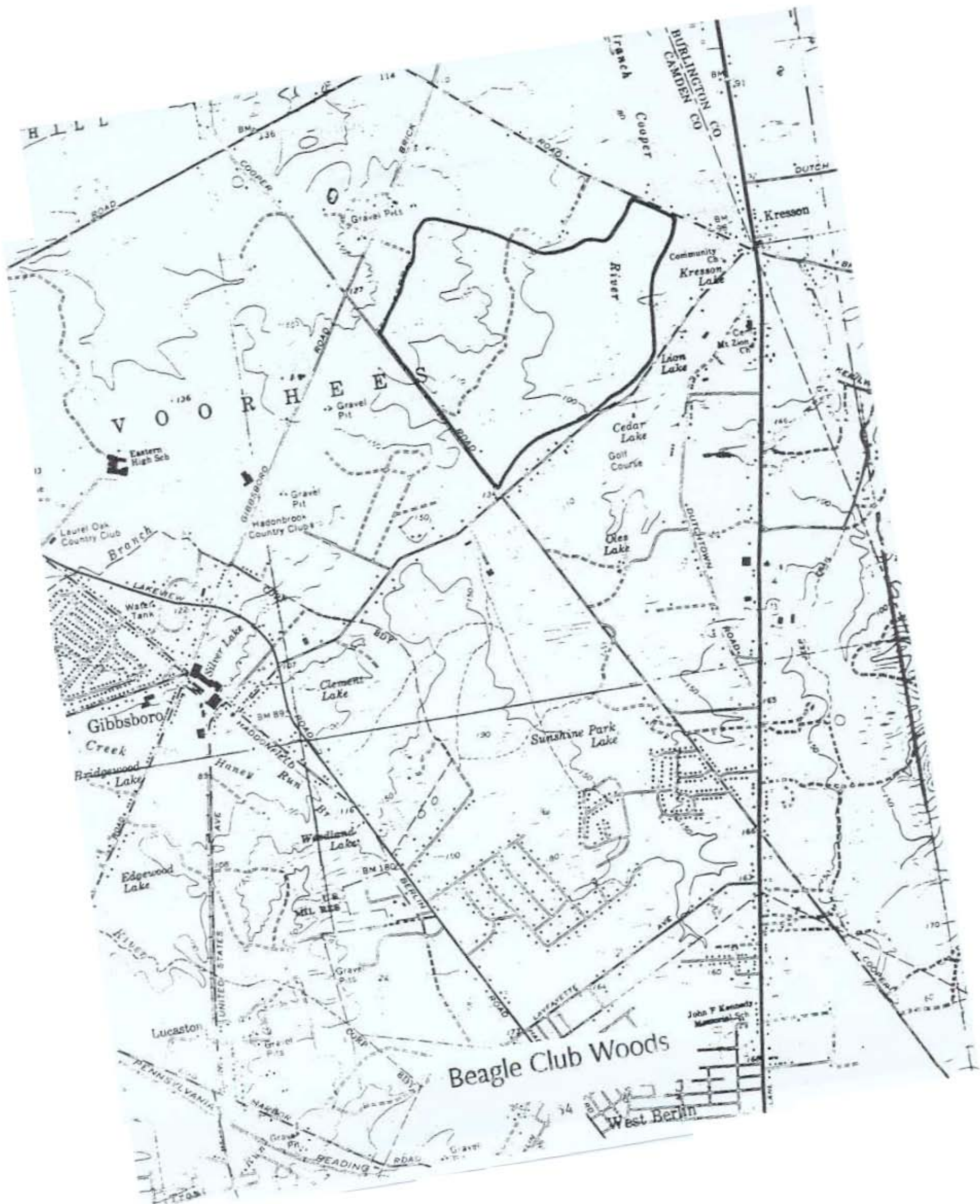
Category: Specific Geographic Area
Location: Pine Hill, Camden County
U.S.G.S. Quadrangle(s): Clementon
Resource Value: o Contains quality populations of a globally imperilled plant and a globally rare plant species.
Known/Potential
Threats to Resource: o Adjacent golf course development.

Name: United States Avenue Site

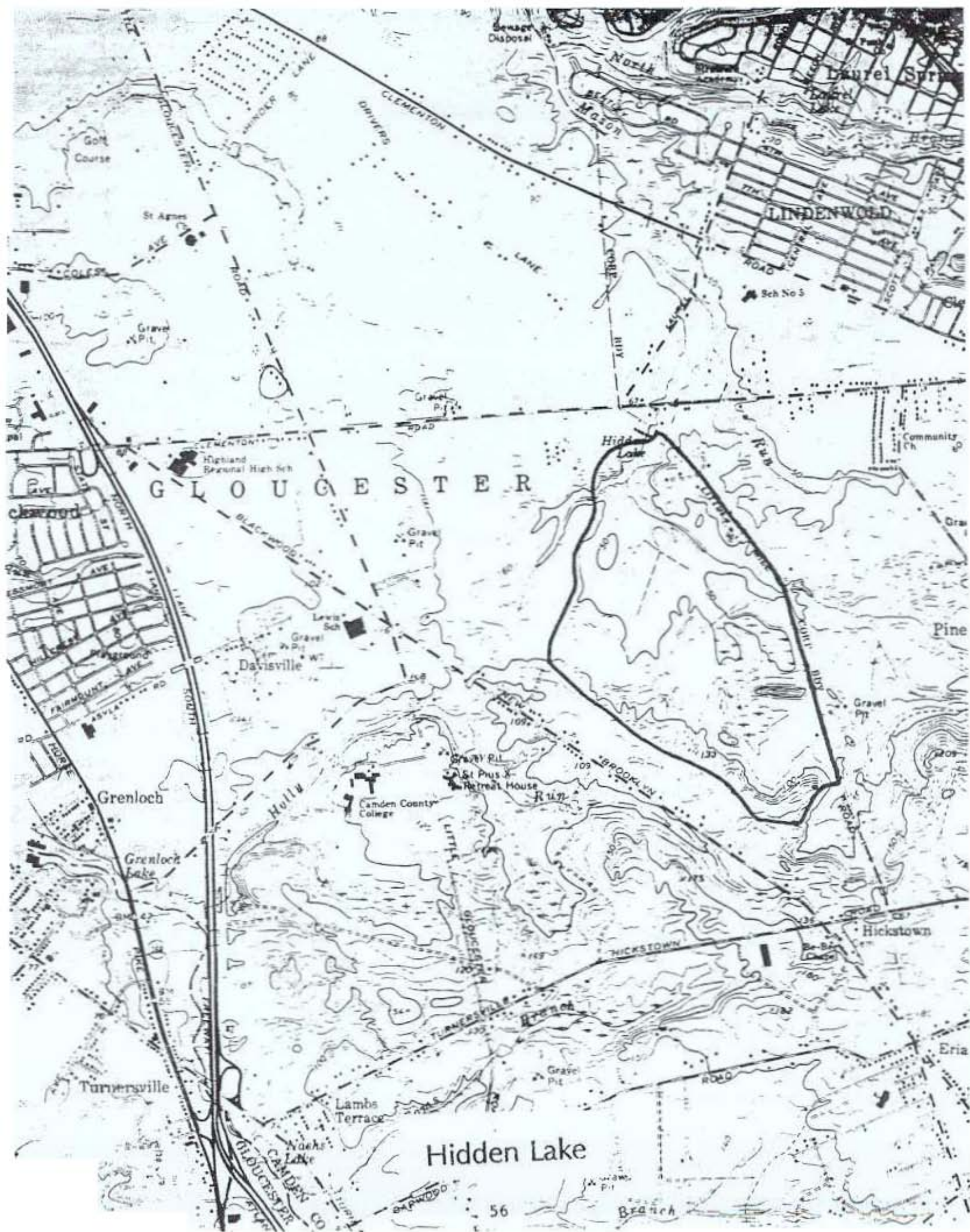
Category: Specific Geographic Area
Location: Gibbsboro and Lindenwold, Camden County
U.S.G.S. Quadrangle(s): Clementon
Resource Value: o Provides habitat for a federally listed species.
Known/Potential
Threats to Resource: o Development pressure.

Name: Winslow Pond

Category: Specific Geographic Area
Location: Winslow Township, Camden County
U.S.G.S. Quadrangle(s): Williamstown, Hammonton
Resource Value: o Excellent occurrence of a globally rare plant species.
Known/Potential
Threats to Resource: o Development pressure.
Comments: This site is located within the Pinelands National Reserve.



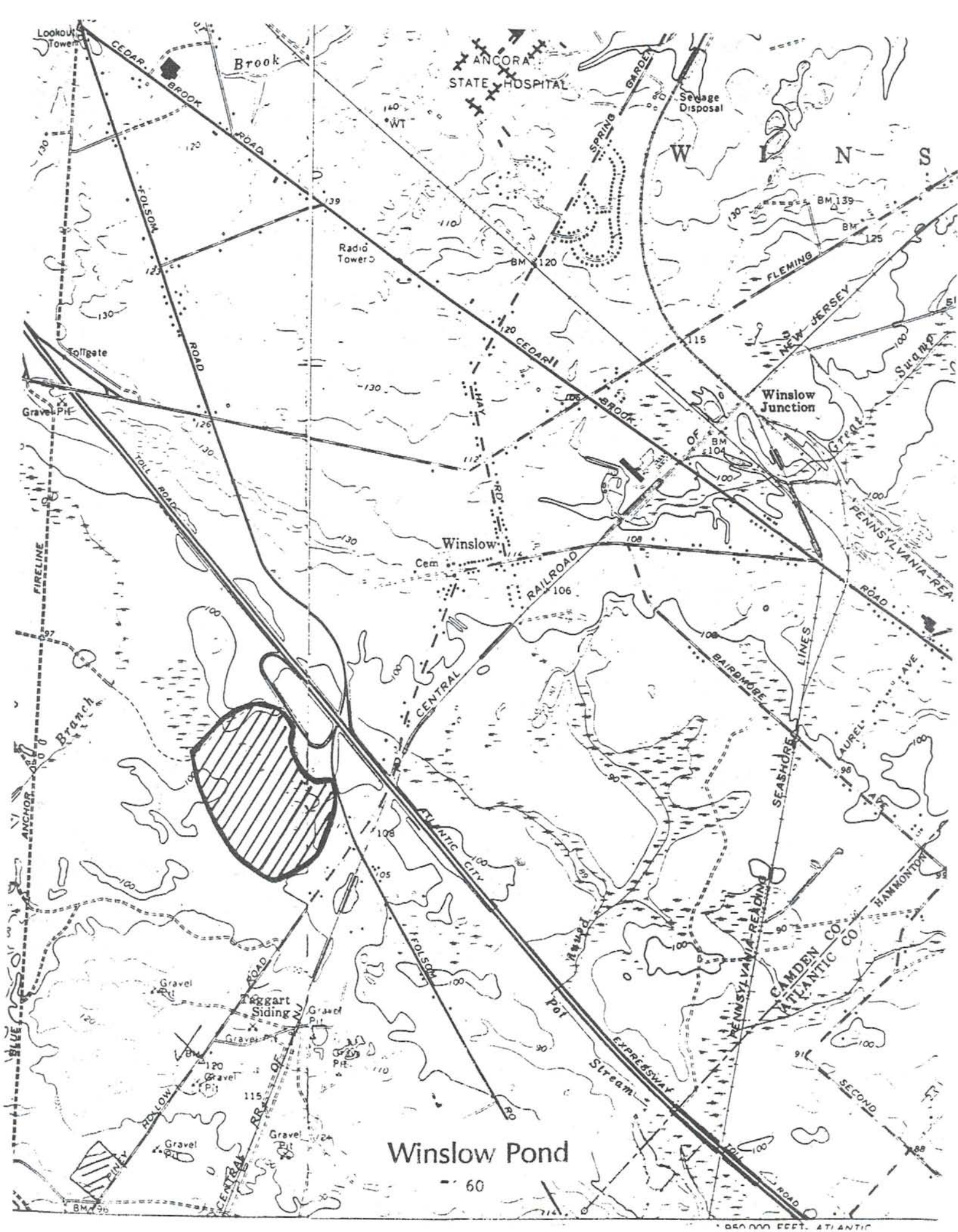






Pine Hill BSA Site





Cape May County

Cape May County

Name: Belleplain Pond South

Category: Specific Geographic Area

Location: Dennis Township, Cape May County

U.S.G.S. Quadrangle(s): Port Elizabeth

Resource Value:

- Contains a good occurrence of a globally rare wetland natural community.
- Excellent population of a globally rare plant species.

Known/Potential Threats to Resource:

- Potential ORV use

Comments: This site is located within Belleplain State Forest and the Pinelands National Reserve.

Name: Bennetts Bog

Category: Specific Geographic Area

Location: Lower Twp., Cape May County

U.S.G.S. Quadrangle(s): Cape May

Resource Value:

- Features several state rare plant species and the state endangered southern gray treefrog.
- High quality vernal pond natural community.

Known/Potential Threats to Resource:

- Surrounded by development. Threatened by subsequent disturbance, pollution, and alteration of water quality and the water table.
- Subject to pesticide applications.

Comments: Owned by the Nature Conservancy.

Cape May County

Name: Cape May Meadows

Category: Specific Geographic Area

Location: Lower Twp., Cape May County

U.S.G.S. Quadrangle(s): Cape May

Resource Value:

- 500 acres of beach, dunes, and emergent and palustrine forest wetlands.
- Provides significant habitat for migratory passerines, raptors, and waterfowl.

Known/potential

Threats to Resource:

- Development threats from adjacent communities.

Name: Crooked Creek

Category: Specific Geographic Area

Location: Middle Township, Cape May County

U.S.G.S. Quadrangle(s): Stone Harbor

Resource Value:

- Supports federally listed plant species and state rare flora.
- Provides habitat for migratory birds.
- Provides flood protection to surrounding Cape May Court House community.

Known/potential

Threats to Resource:

- Commercial development.
- Alteration of hydrology and loss of water quality as a result of development of adjacent properties.

Cape May County

Name: Delaware Bayshore Macrosite

Category: Specific Geographic Area

Location: Various communities, Cumberland and Cape May Counties within 0.5 miles of the Delaware Bay.

U.S.G.S. Quadrangle(s): Ben Davis Point, Cape May, Cedarville, Fortescue, Heislerville, Port Norris, Rio Grande

Resource Value:

- o High quality concentrations of spring migratory shorebirds. One of the most significant staging areas for these birds in the western hemisphere.
- o A number of state significant animal species present.

Known/Potential Threats to Resource:

- o Development pressure
- o Oil spills.
- o Disturbance.

Comments: Various State Wildlife Areas are located within this listing.

Cape May County

Name: Great Cedar Swamp and Indian Trails Swamp

Category: Specific Geographic Area

Location: Upper, Dennis, and Middle Twps., Cape May County

U.S.G.S. Quadrangle(s): Marmora, Sea Isle City, Woodbine

Resource Value:

- o 15,000 acres of forested, scrub-shrub, and emergent wetlands.
- o Provides important staging area resources for waterfowl, woodcock, raptors, and other migratory birds that utilize the Cape May peninsula during migration.
- o Features resident populations of threatened or endangered species (e.g. barred owl, red-shouldered hawk).
- o Indian Trail Swamp portion features 2 globally rare plant species and other state rare species.
- o Exemplary lowland forest natural community.

Known/Potential

Threats to Resource:

- o Development pressures from surrounding communities, especially in fringe areas of the NWR.

Name: Lizard Tail Swamp

Category: Specific Geographic Area

Location: Lower Twp., Cape May County

U.S.G.S. Quadrangle(s): Stone Harbor

Resource Value:

- o Federally listed, globally and state imperiled flora.
- o Exemplary lowland forest natural community.

Known/Potential

Threats to Resource:

- o Development pressure

Cape May County

Name: Rio Grande Swamp

Category:	Specific Geographic Area
1. Environmental Impact	North America
2. Economic Development	Europe
3. Cultural Heritage	Asia
4. Technological Innovation	Africa
5. Social Equality	Oceania
6. Political Stability	South America
7. Healthcare Access	Central America
8. Education Quality	Caribbean
9. Infrastructure Development	South Asia
10. Environmental Conservation	East Asia
11. Economic Globalization	South East Asia
12. Cultural Integration	Central Asia
13. Technological Advancement	North East Asia
14. Social Mobility	South East Asia
15. Political Cooperation	Central Asia
16. Healthcare Innovation	North East Asia
17. Education Reform	South East Asia
18. Infrastructure Modernization	Central Asia
19. Environmental Sustainability	North East Asia
20. Economic Resilience	South East Asia
21. Cultural Renaissance	Central Asia
22. Technological Integration	North East Asia
23. Social Inequality	South East Asia
24. Political Instability	Central Asia
25. Healthcare Disparities	North East Asia
26. Education Access	South East Asia
27. Infrastructure Challenges	Central Asia
28. Environmental Degradation	North East Asia
29. Economic Stagnation	South East Asia
30. Cultural Isolation	Central Asia
31. Technological Lag	North East Asia
32. Social Stratification	South East Asia
33. Political Corruption	Central Asia
34. Healthcare Shortages	North East Asia
35. Education Quality	South East Asia
36. Infrastructure Development	Central Asia
37. Environmental Conservation	North East Asia
38. Economic Globalization	South East Asia
39. Cultural Integration	Central Asia
40. Technological Advancement	North East Asia
41. Social Mobility	South East Asia
42. Political Cooperation	Central Asia
43. Healthcare Innovation	North East Asia
44. Education Reform	South East Asia
45. Infrastructure Modernization	Central Asia
46. Environmental Sustainability	North East Asia
47. Economic Resilience	South East Asia
48. Cultural Renaissance	Central Asia
49. Technological Integration	North East Asia
50. Social Inequality	South East Asia
51. Political Instability	Central Asia
52. Healthcare Disparities	North East Asia
53. Education Access	South East Asia
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56. Economic Stagnation	South East Asia
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87. Political Corruption	Central Asia
88. Healthcare Shortages	North East Asia
89. Education Quality	South East Asia
90. Infrastructure Development	Central Asia
91. Environmental Conservation	North East Asia
92. Economic Globalization	South East Asia
93. Cultural Integration	Central Asia
94. Technological Advancement	North East Asia
95. Social Mobility	South East Asia
96. Political Cooperation	Central Asia
97. Healthcare Innovation	North East Asia
98. Education Reform	South East Asia
99. Infrastructure Modernization	Central Asia
100. Environmental Sustainability	North East Asia

Location: Middle Twp., Cape May County

U.S.G.S. Quadrangle(s): Rio Grande, Stone Harbor

Resource Value:

- o State listed species, barred owl, red-shouldered hawk.
- o State rare flora and an exemplary natural community.

Known/Potential Threats to Resource: ○ Development pressure

Cape May County

Name: Sewell Point Wetlands

Category: Specific Geographic Area

Location: Cape May City, Cape May County

U.S.G.S. Quadrangle(s): Cape May

Resource Value:

- o Provides valuable high quality habitat for migrating birds.
- o Site used by high concentrations and high variety of various avian species, including federal/state endangered peregrine falcon, state endangered cooper's hawk and osprey, and state threatened northern harrier, great blue heron, red-shouldered hawk, bobolink, savannah sparrow and grasshopper sparrow.
- o Site also provides habitat for state endangered southern gray treefrog as well as box turtles, fowler's toads, spring peepers and migratory monarch butterflies.
- o Site contributes to region's use by birdwatchers, and to local tourism, during spring and fall migrations.

Known/Potential

Threats to Resource: o Threatened by residential development.

Comments: This site encompasses approximately 110 acres of mostly forested, scrub-scrub, and emergent wetlands. Vegetation present provides excellent and abundant food for wildlife birds.

Cape May County

Name: Woodbine Pond

Category: Specific Geographic Area

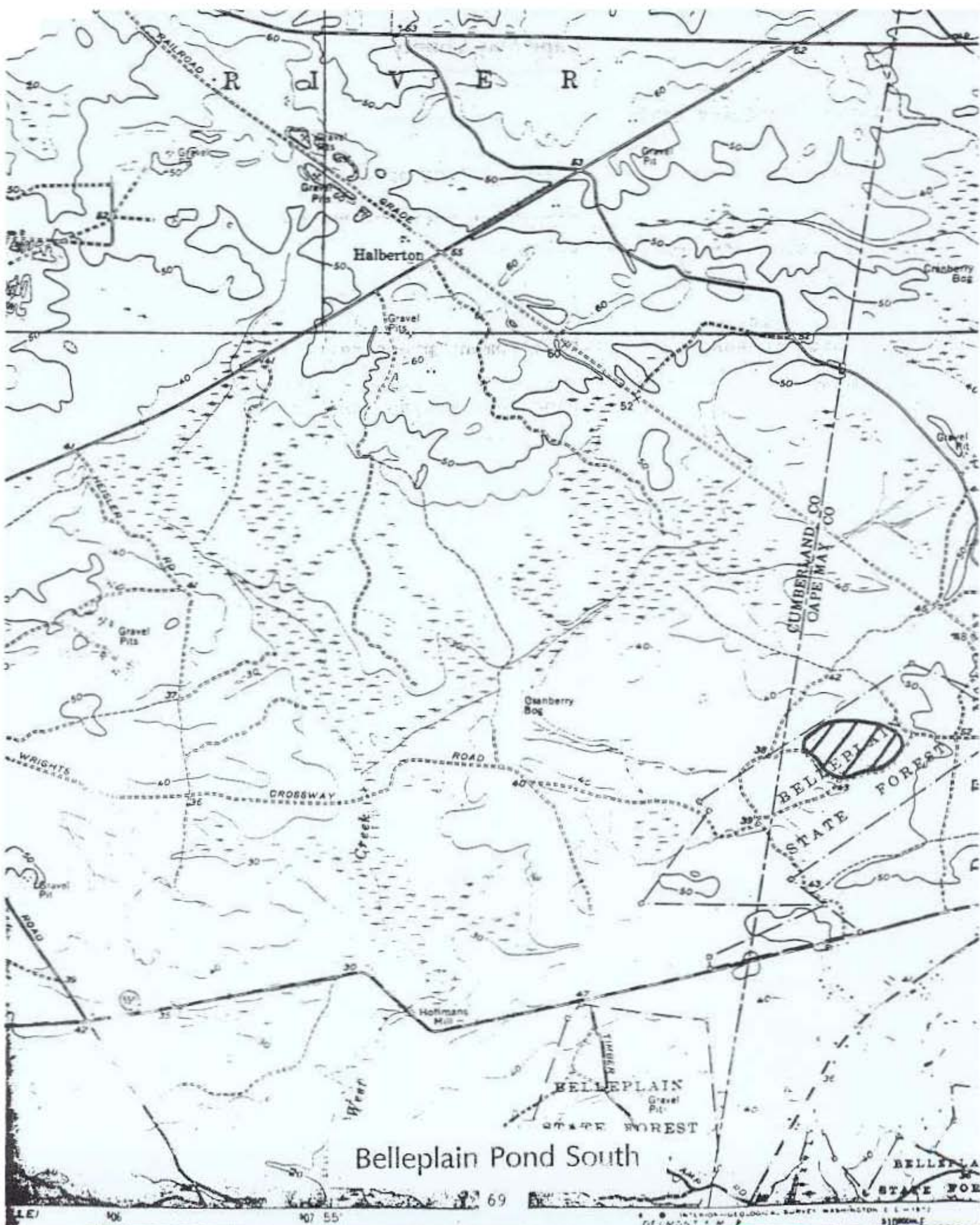
Location: Woodbine, Cape May County

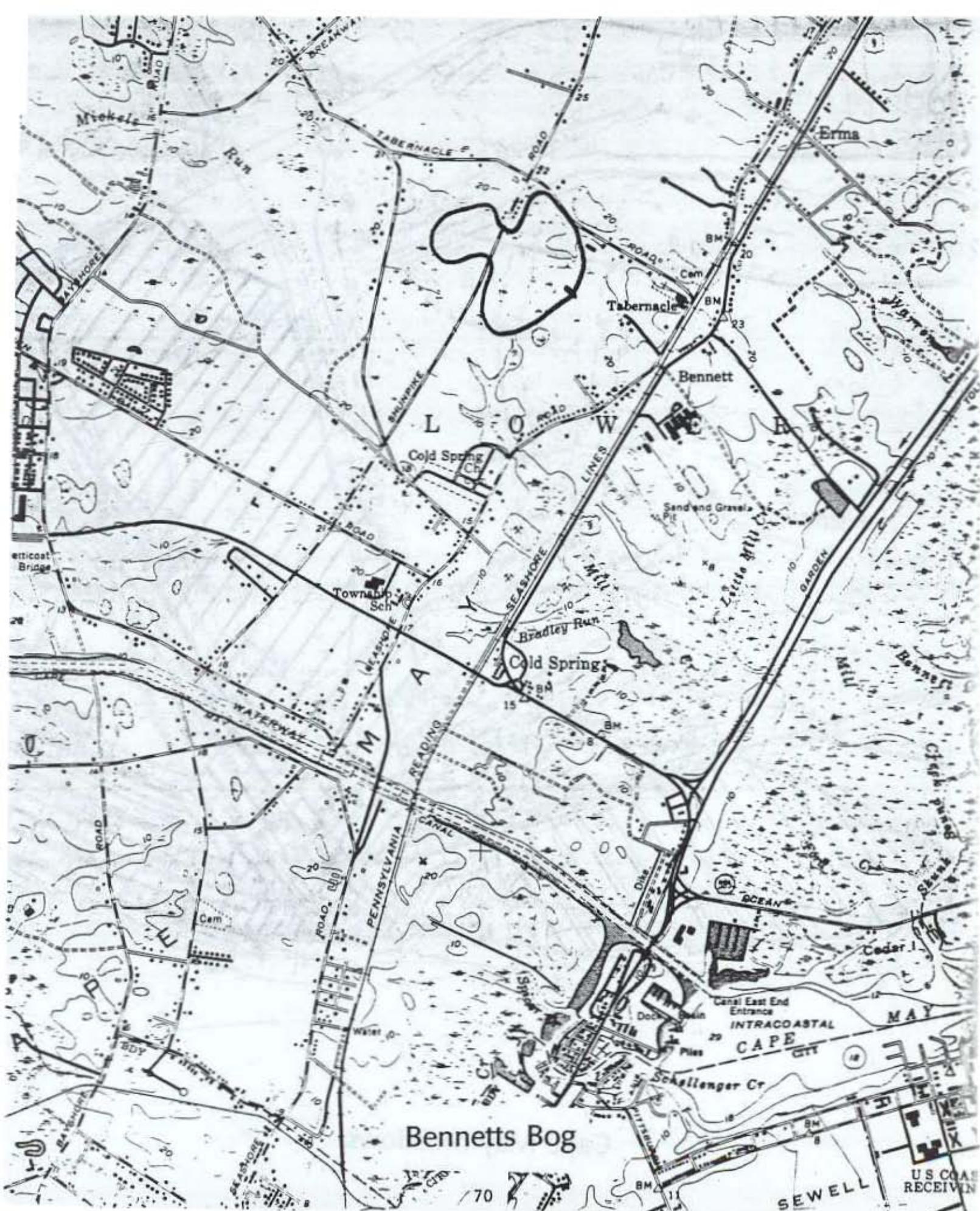
U.S.G.S. Quadrangle(s): Woodbine

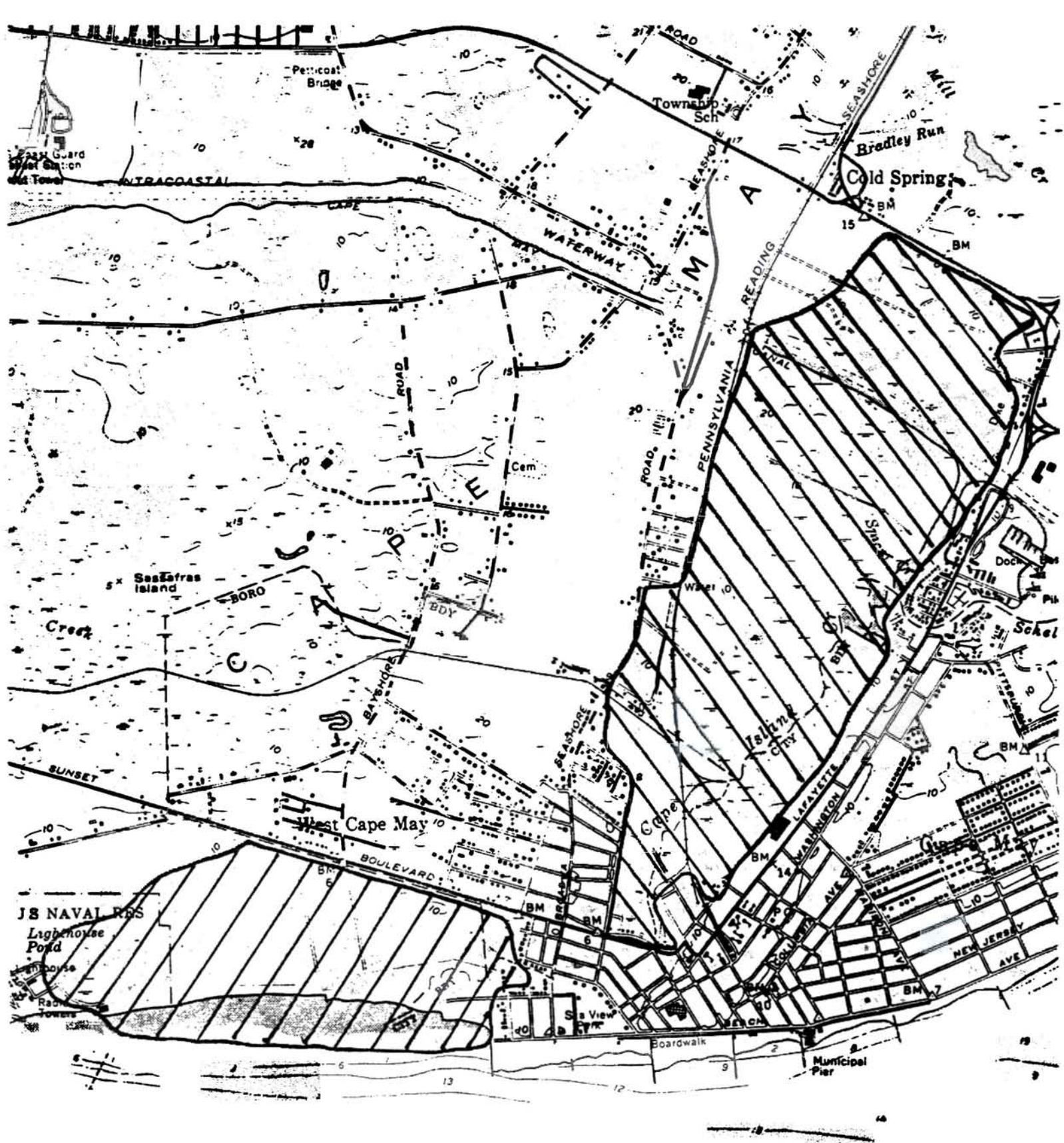
Resource Value: ○ Excellent occurrence of a globally rare plant.

Known/Potential
Threats to Resource: ○ Development pressure.

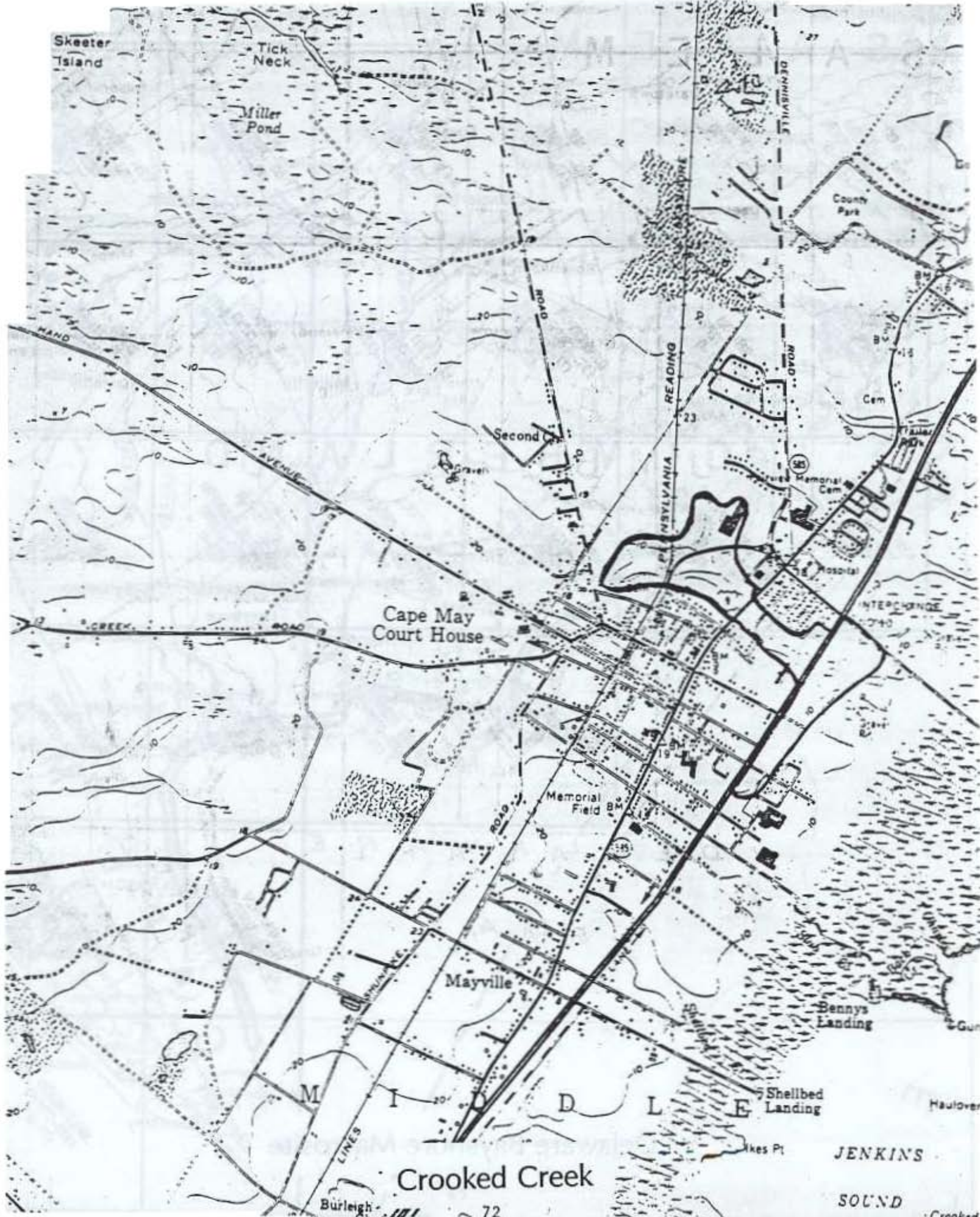
Comments: This site is located within the
Pinelands National Reserve.







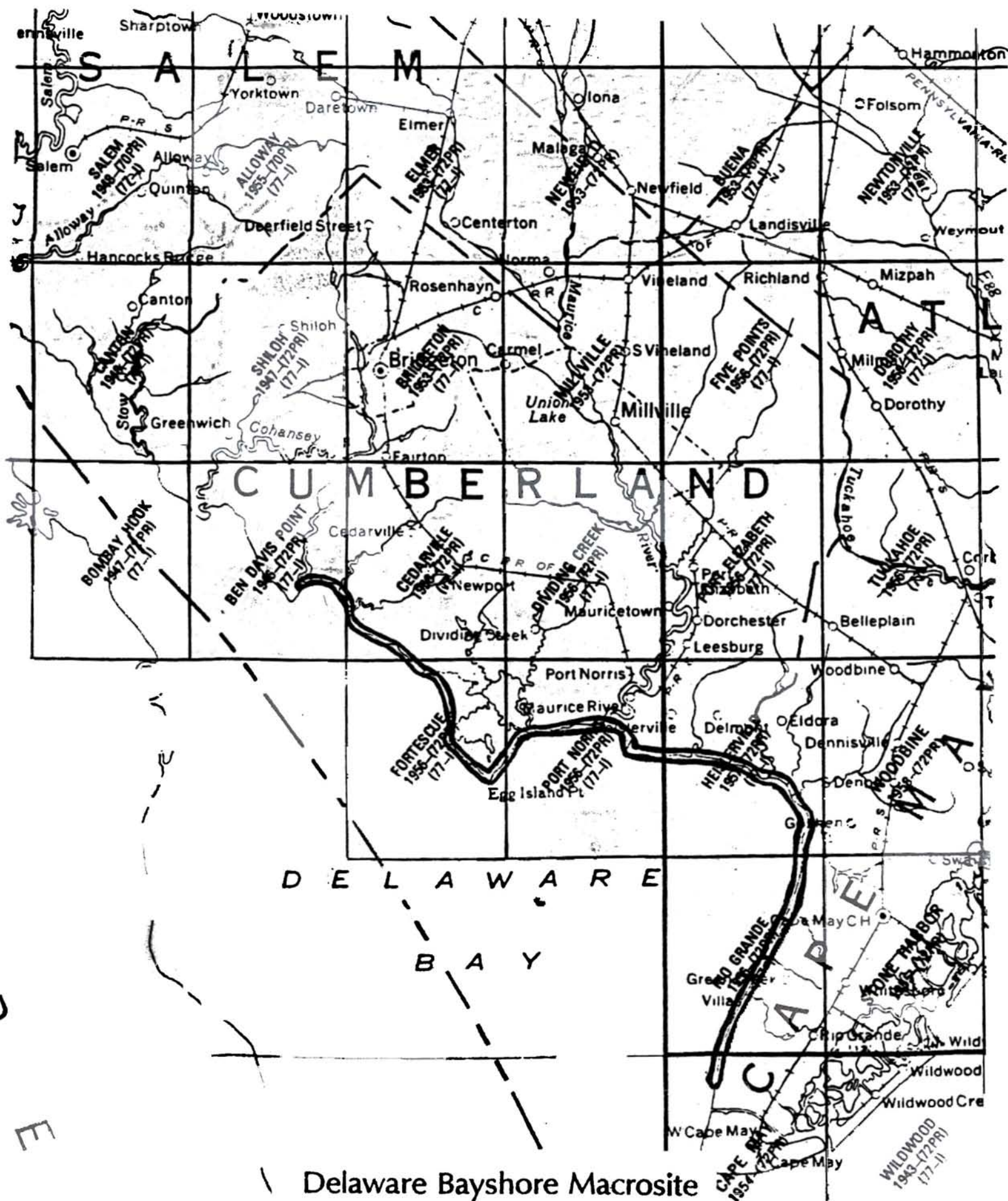
Cape May Meadows

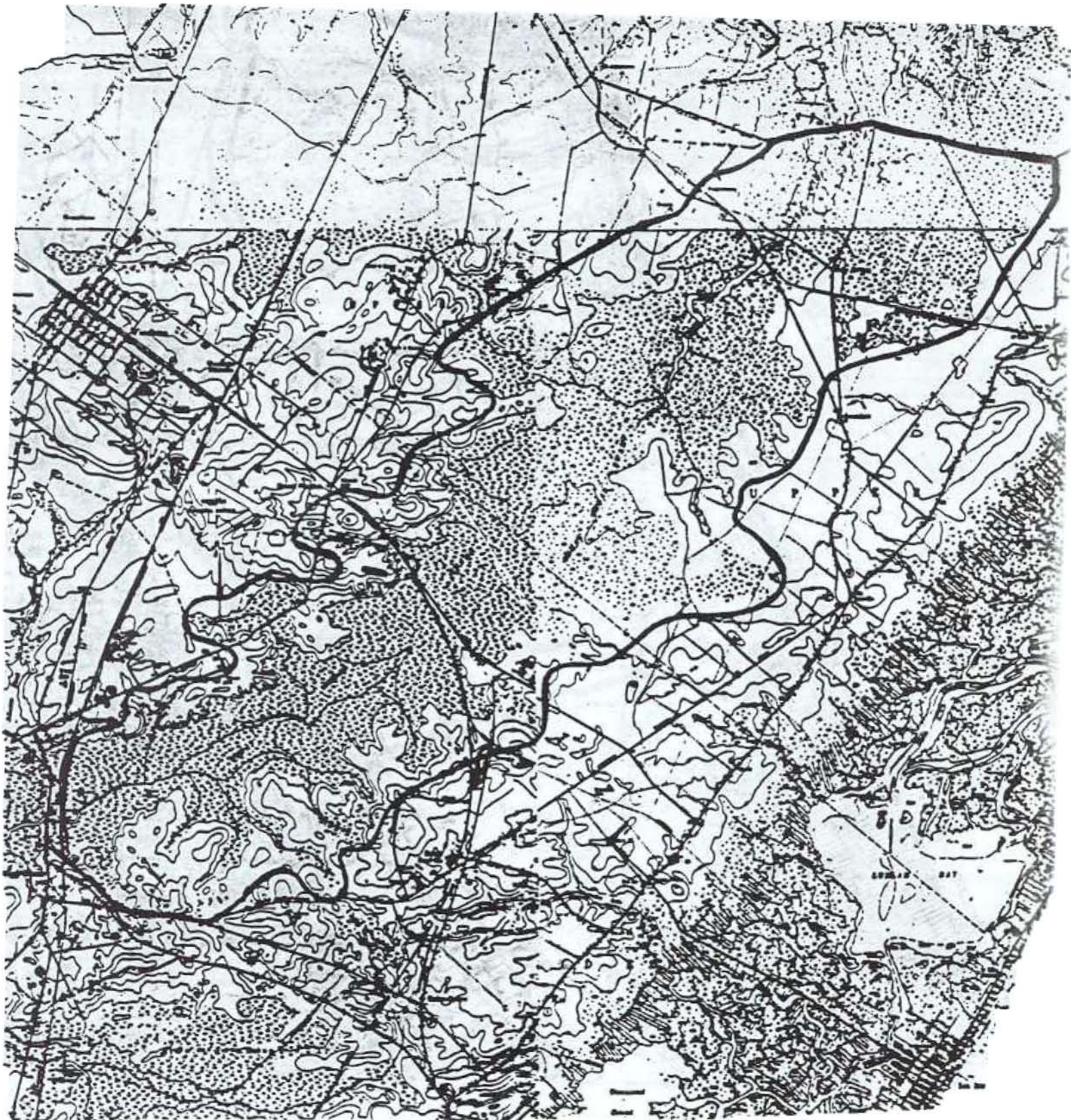


Crooked Creek

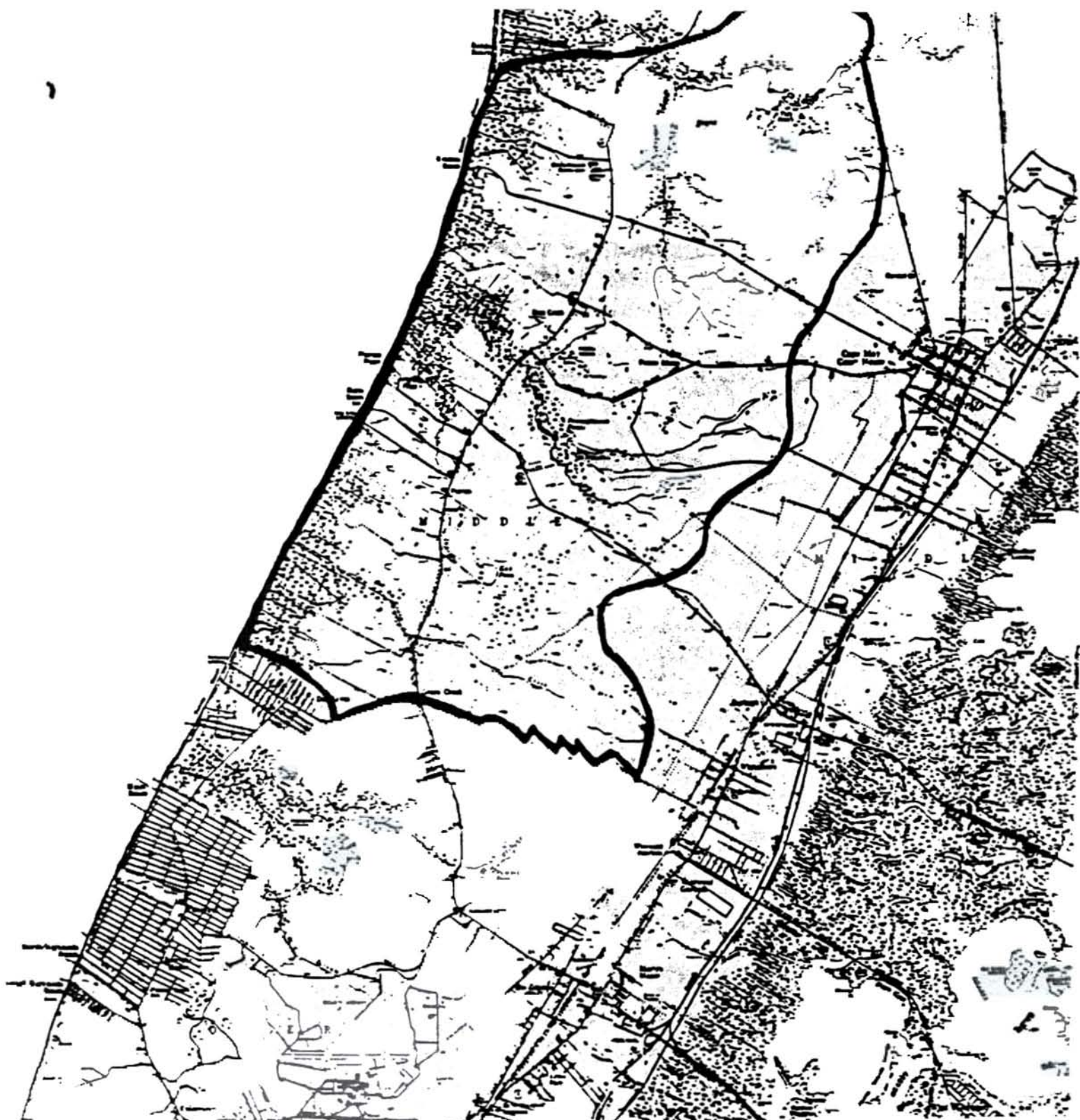
JENKINS

SOUND



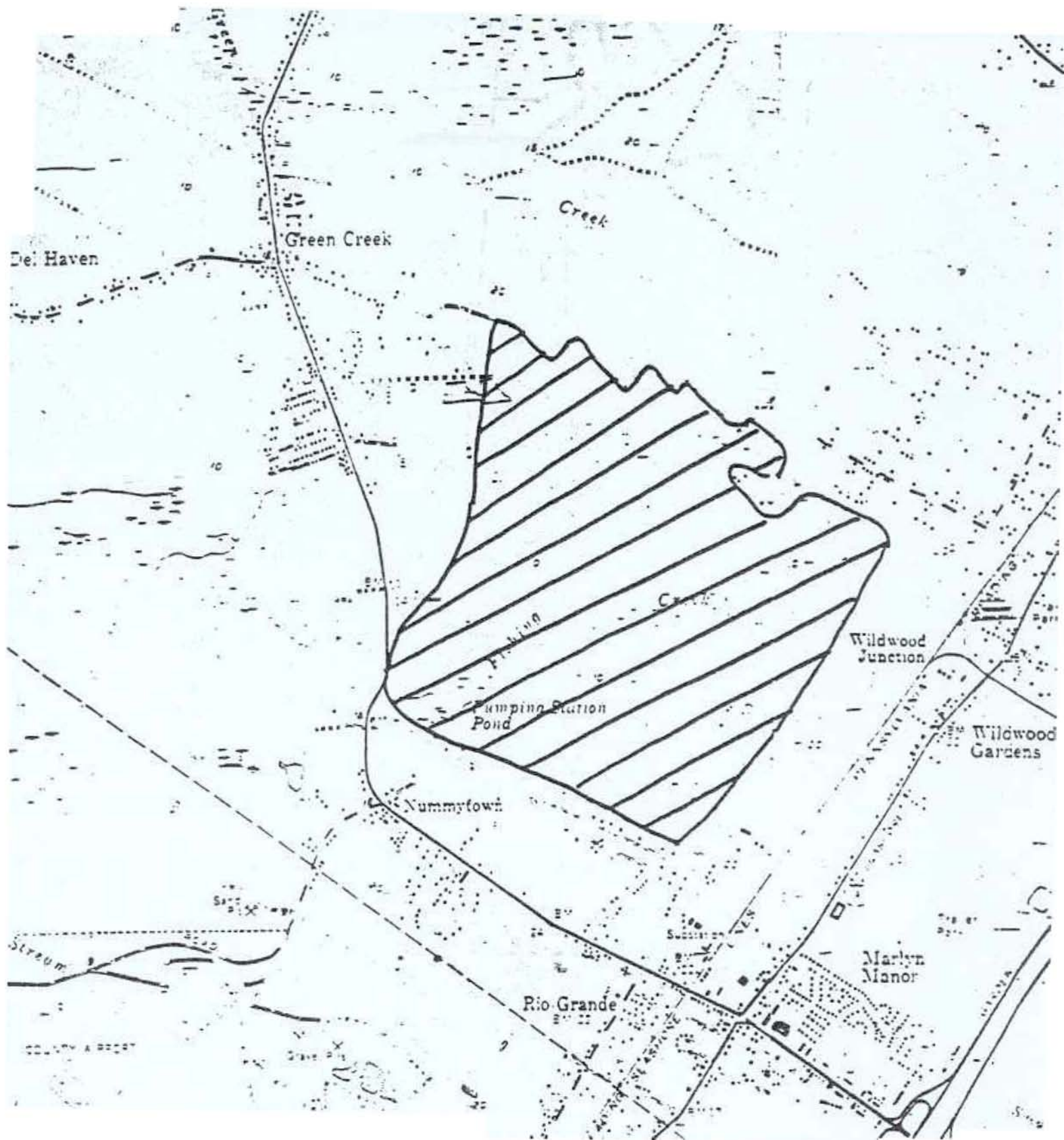


Great Cedar Swamp

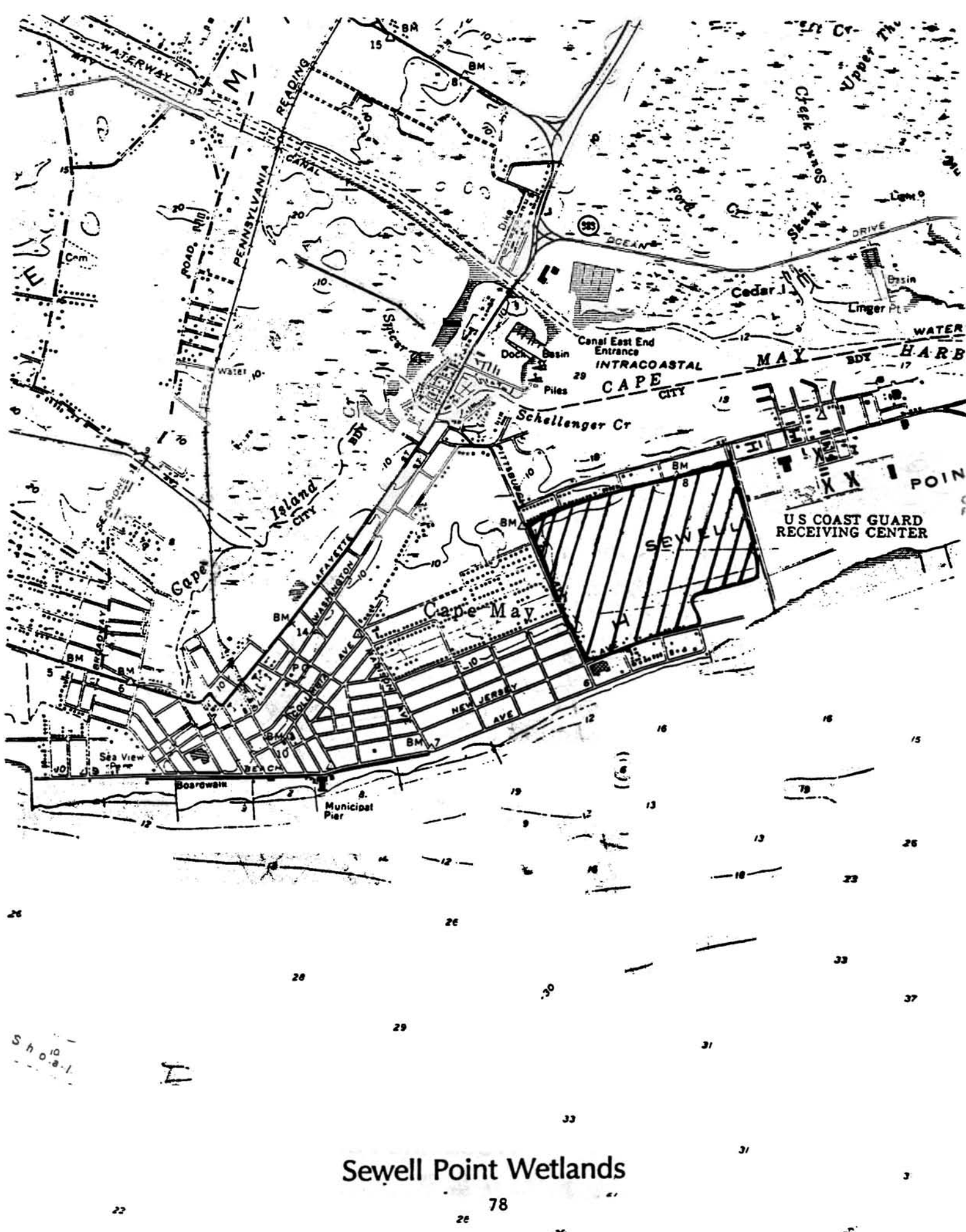


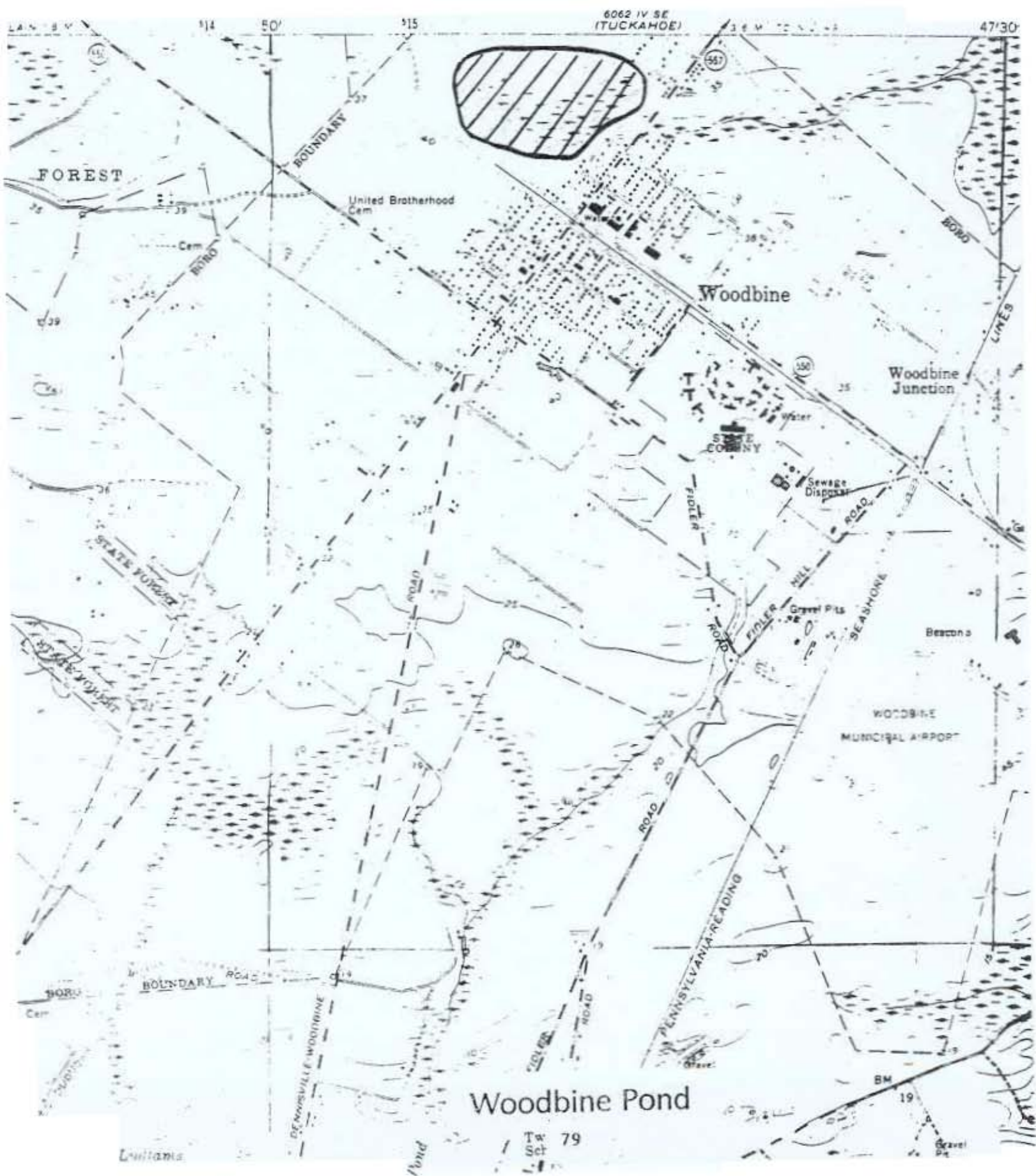
Indian Trails Swamp





Rio Grande Swamp





Cumberland County

Cumberland County

Name: Delaware Bayshore Macrosite

Category: Specific Geographic Area

Location: Various communities, Cumberland and Cape May Counties within 0.5 miles of the Delaware Bay.

U.S.G.S. Quadrangle(s): Ben Davis Point, Cape May, Cedarville, Fortescue, Heislerville, Port Norris, Rio Grande

Resource Value:

- o High quality concentrations of spring migratory shorebirds. One of the most significant staging areas for these birds in the western hemisphere.
- o A number of state significant animal species present.

Known/Potential Threats to Resource:

- o Development pressure
- o Oil spills.
- o Disturbance.

Comments: Various State Wildlife Areas are located within this listing.

Cumberland County

Name: Dividing Creek Wetland Complex (Turkey Point, Bear Swamp)

Category: Specific Geographic Area

Location: Commercial and Down Twps., Cumberland County

U.S.G.S. Quadrangle(s): Cedarville, Dividing Creek, Fortesque, Port Norris

Resource Value:

- The Bear Swamp-Turkey Point wetland complex provides valuable habitat for state and federally listed species (e.g. bald eagle, peregrine falcon, northern harrier, red-shouldered hawk, barred owl, and black rail), and various other game and nongame species.
- Area also features a primeval swamp forest natural community and several state record trees.

Known/Potential Threats to Resource:

- Threat from adjacent sand mining which could affect hydrology.

Name: Lummis Pond

Category: Specific Geographic Area

Location: Lawrence Township, Cumberland County

U.S.G.S. Quadrangle(s): Cedarville

Resource Value:

- Occurrence of a federally listed species.

Known/Potential Threats to Resource:

- Run-off from adjacent road.

Cumberland County

Name: Maurice River System: Maurice River, Manumuskin Creek, Manatico Creek, and Muskee Creek

Category: Specific Geographic Area

Location: Atlantic, Cumberland, Gloucester, and Salem Counties. . Various municipalities.

U.S.G.S. Quadrangle(s): Bridgeton, Buena, Cedarville, Dividing Creek, Elmer, Five Points, Heislerville, Milleville, Newfield, Pitman East, Pitman West, Port Elizabeth, Port Norris

Resource Value:

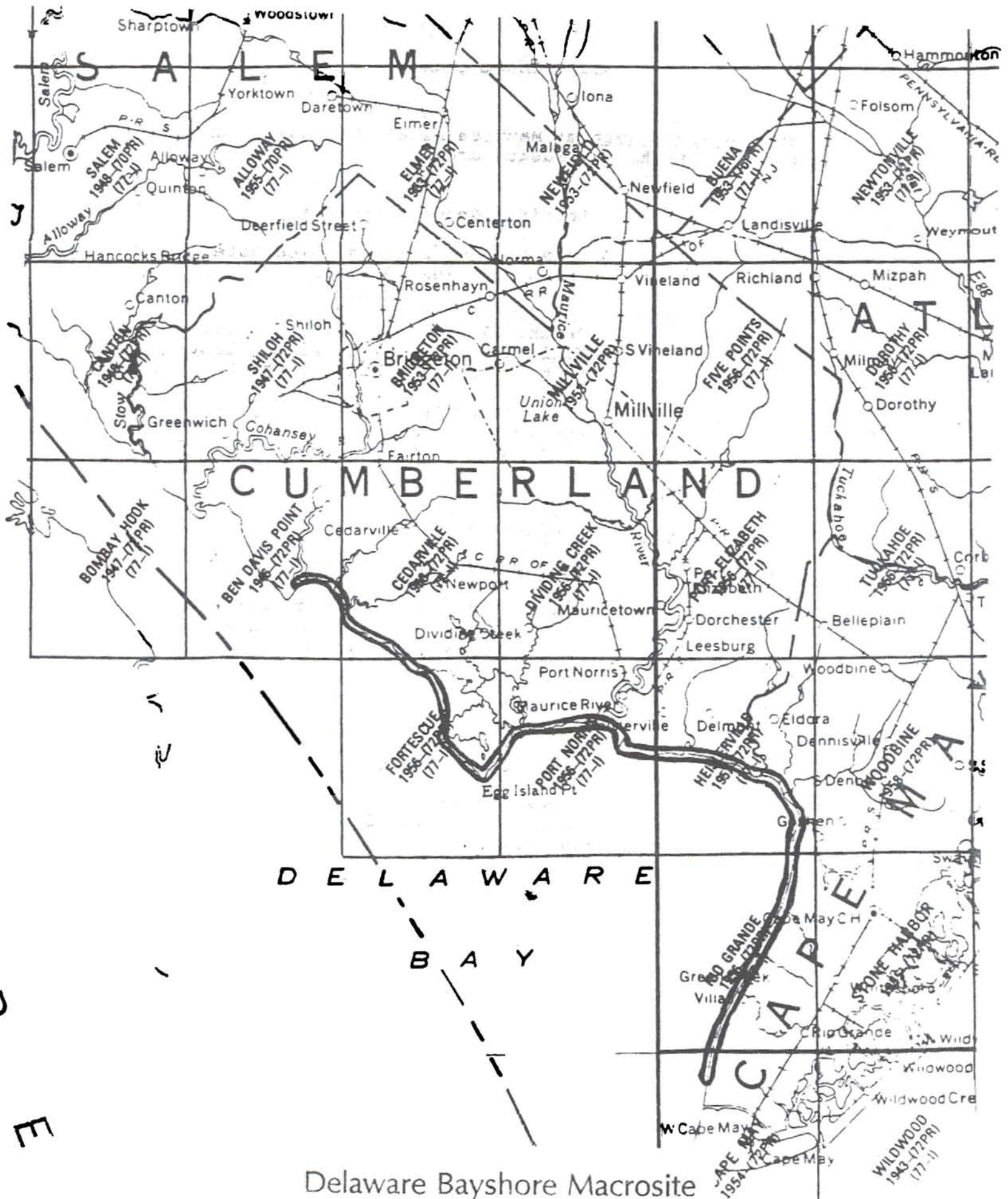
- o Wetlands of this drainage are amongst the most pristine natural areas in New Jersey.
- o Supports major wintering population of the federally endangered bald eagle and provides historically suitable nesting habitat for this species, which is hoped will once again provide habitat for additional nesting pairs.
- o Other state listed species present include ospreys, red-shouldered hawks, southern gray and pine barrens treefrogs, and barred owls.

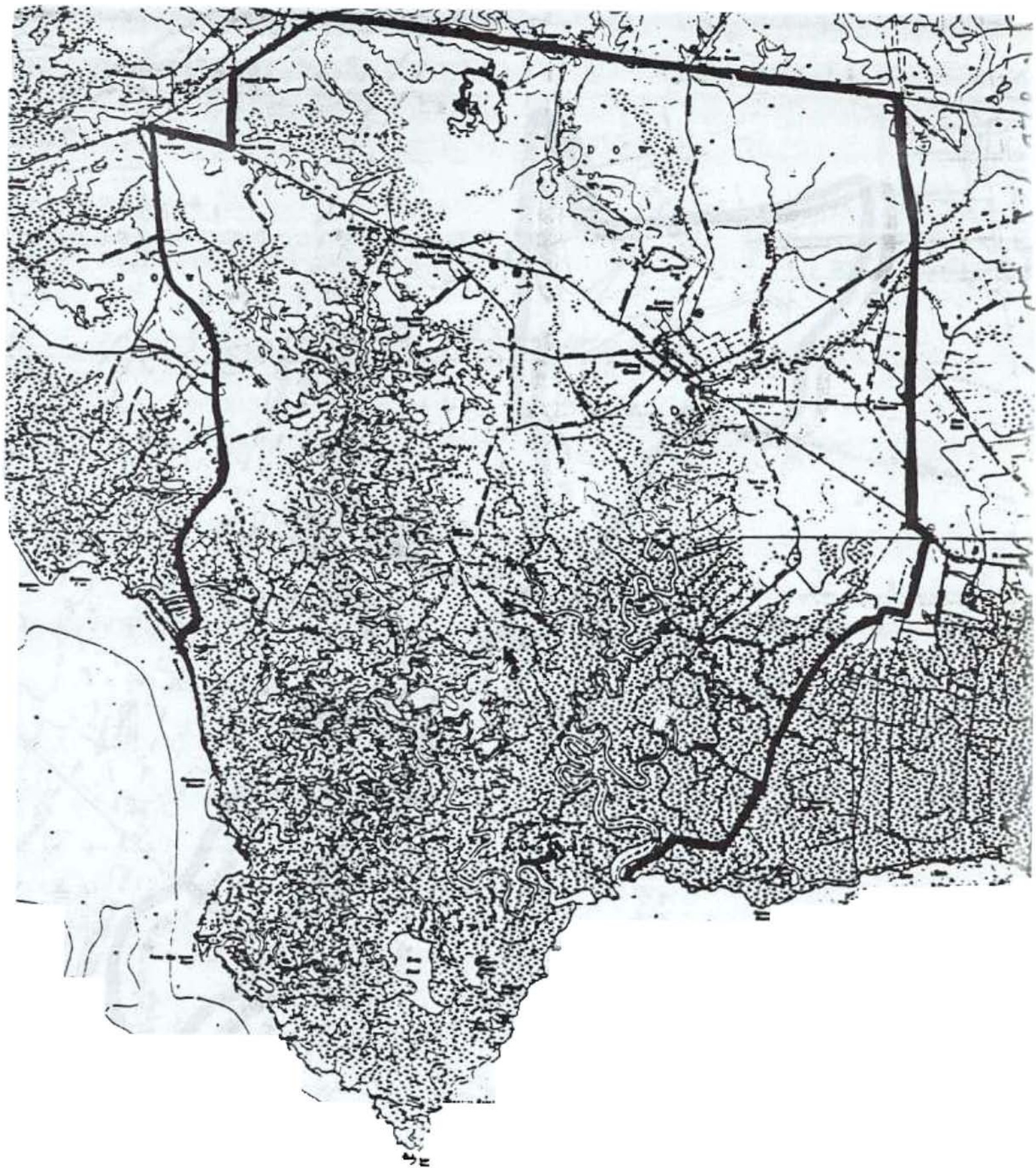
Known/Potential Threats to Resource:

- o Development pressures and human encroachment.

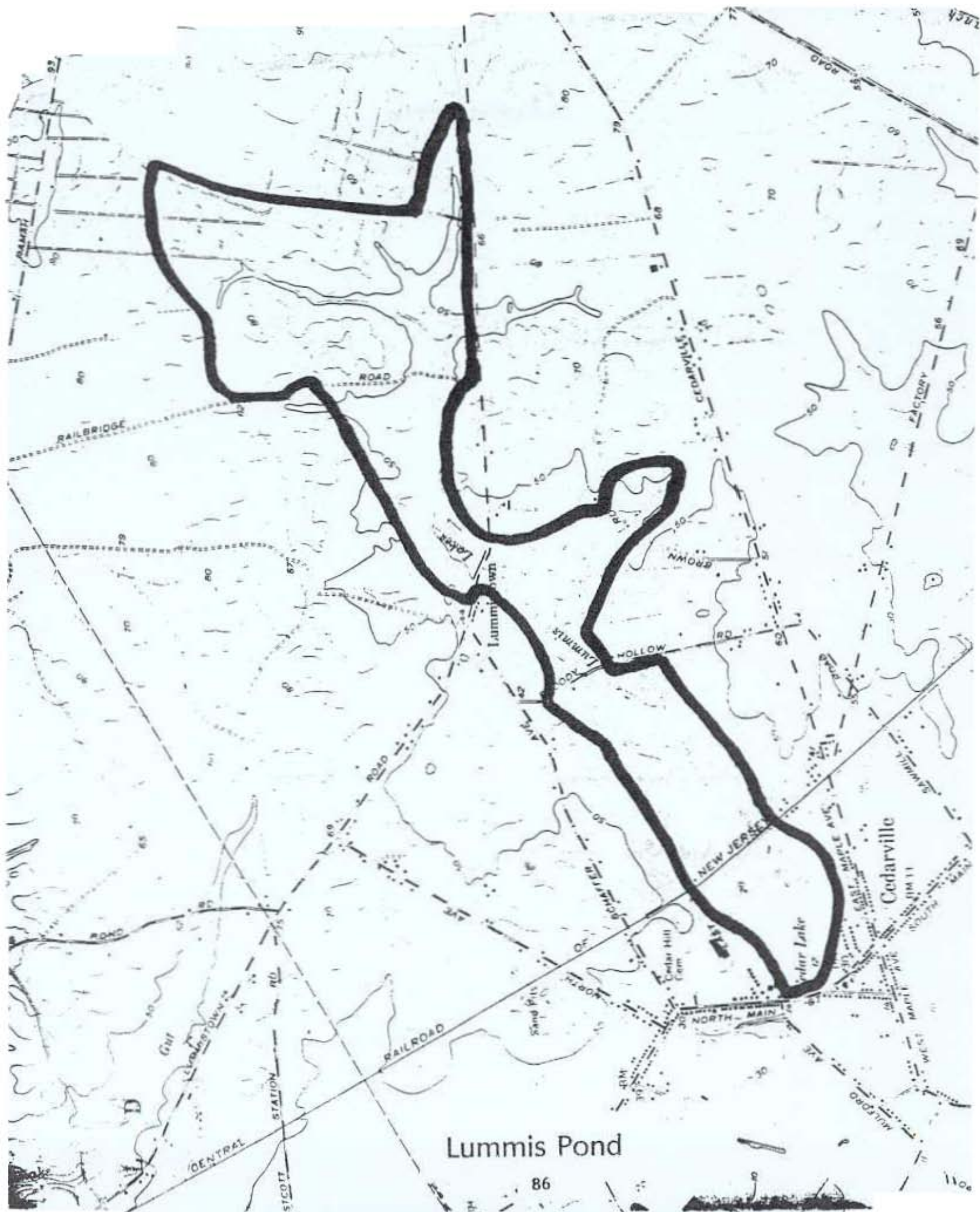
Comments: All Tributary wetlands of the Maurice River system are considered part of this priority listing. Much of the Maurice River and its tributaries have been federally designated as part of the National Wild and Scenic Rivers system.

Note - The Pole Tavern listing is located within the boundaries of the Maurice River priority wetland. See the Pole Tavern listing for further information.





Dividing Creek Wetland Complex





Maurice River System

Essex County

Essex County

Name: Passaic River Basin

Category: Specific Geographic Areas

Location: Northeastern New Jersey (i.e. Bergen, Essex, Hudson, Morris, Passaic, Somerset, Sussex, Union Counties) and New York (Orange and Rockland Counties).

U.S.G.S. Quadrangle(s): Bernardsville, Boonton, Boundbrook, Caldwell, Chatham, Dover, Franklin, Greenwood Lake, Hackensack, Hamburg, Mendham, Morristown, Newfoundland, Orange, Paterson, Plainfield, Pompton Plains, Ramsey, Roselle, Sloatsburg, Wanaque, Wawayanda, Weehawkin

Resource Value:

- o Flood control for major rivers and their tributaries.
- o Water quality maintenance.
- o Important habitat for waterfowl, raptors, passerines, herptiles, furbearers, and fish, including various state and federally listed species.

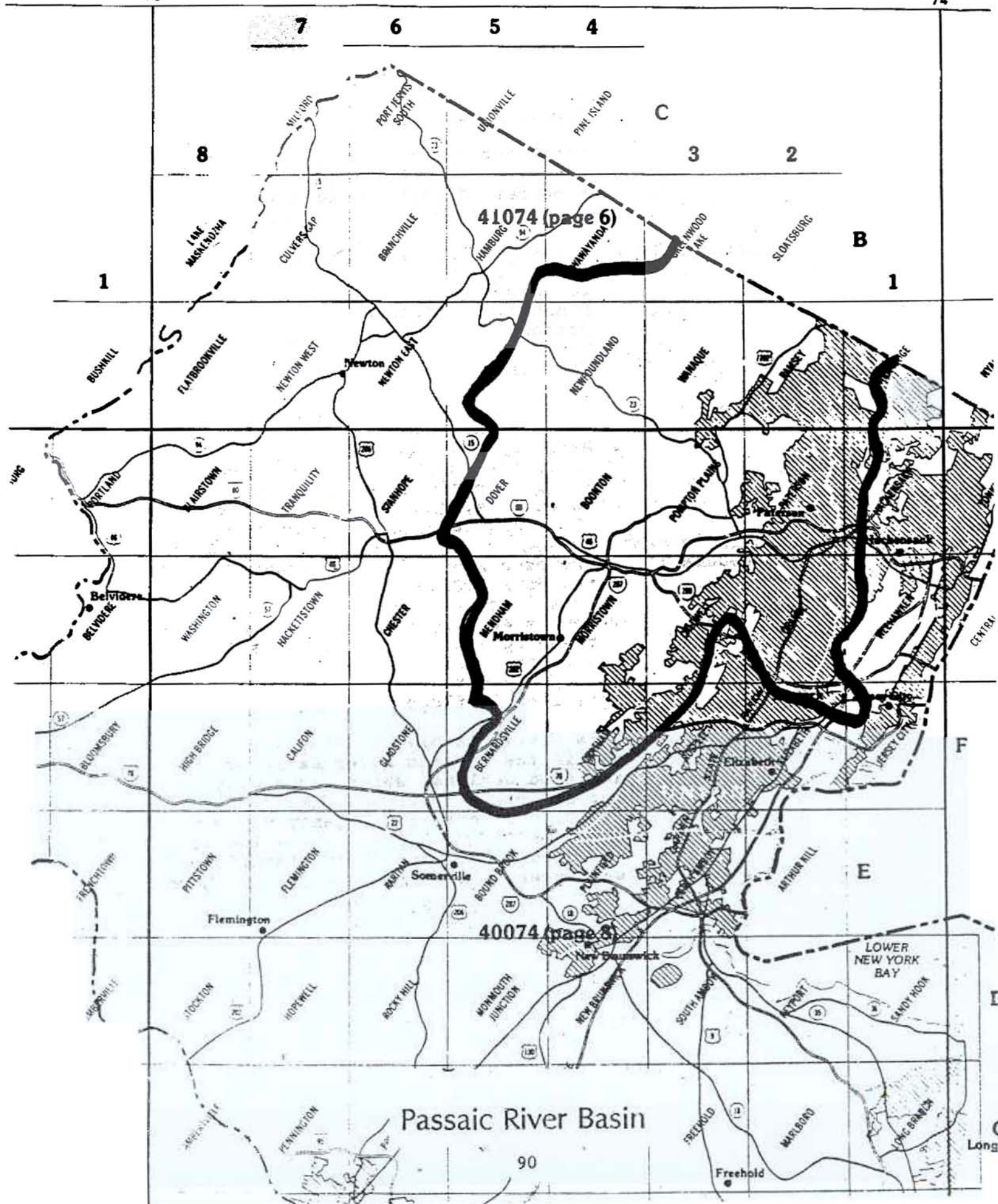
Known/Potential Threats to Resource:

- o Proposed Passaic River tunnel project, New York ACOE.
- o Urbanization.
- o Routes 46, 10, 80, and 24 run through these wetlands and have had major impacts.
- o Encroachment and the continuation of filling in flood zone areas.

Comments: This listing applies to all wetlands within the Passaic River Basin except for isolated wetlands which occur outside of the 100 year floodplain, as defined by either the Federal Emergency Management Agency's 100th year flood elevation or the New Jersey 100 year flood elevation, whichever is higher. The Passaic River drains 935 square miles of New Jersey and New York. Average annual population growth is estimated at 0.34% and 2.50% for the upper and lower portions respectively. **Note** - The Beech Brook, Big Pine Swamp and Washington Valley priority wetlands are located within the boundaries of the Passaic River Basin listing. See these listings for further information.

75°

74°



Gloucester County

Gloucester County

Name: Maurice River System: Maurice River, Manumuskin Creek, Manatico Creek, and Muskee Creek

Category: Specific Geographic Area

Location: Atlantic, Cumberland, Gloucester, and Salem Counties. Various municipalities.

U.S.G.S. Quadrangle(s): Bridgeton, Buena, Cedarville, Dividing Creek, Elmer, Five Points, Heislerville, Milleville, Newfield, Pitman East, Pitman West, Port Elizabeth, Port Norris

Resource Value:

- o Wetlands of this drainage are amongst the most pristine natural areas in New Jersey.
- o Supports major wintering population of the federally endangered bald eagle and provides historically suitable nesting habitat for this species, which is hoped will once again provide habitat for additional nesting pairs.
- o Other state listed species present include ospreys, red-shouldered hawks, southern gray and pine barrens treefrogs, and barred owls.

Known/Potential Threats to Resource:

- o Development pressures and human encroachment.

Comments: All Tributary wetlands of the Maurice River system are considered part of this priority listing. Much of the Maurice River and its tributaries have been federally designated as part of the National Wild and Scenic Rivers system.

Note - The Pole Tavern listing is located within the boundaries of the Maurice River priority wetland. See the Pole Tavern listing for further information.

Gloucester County

Name: Oldmans Creek

Category: Specific Geographic Area

Location: Logan Twp, Gloucester County and
Oldmans, and Woolrich Twps., Salem
County

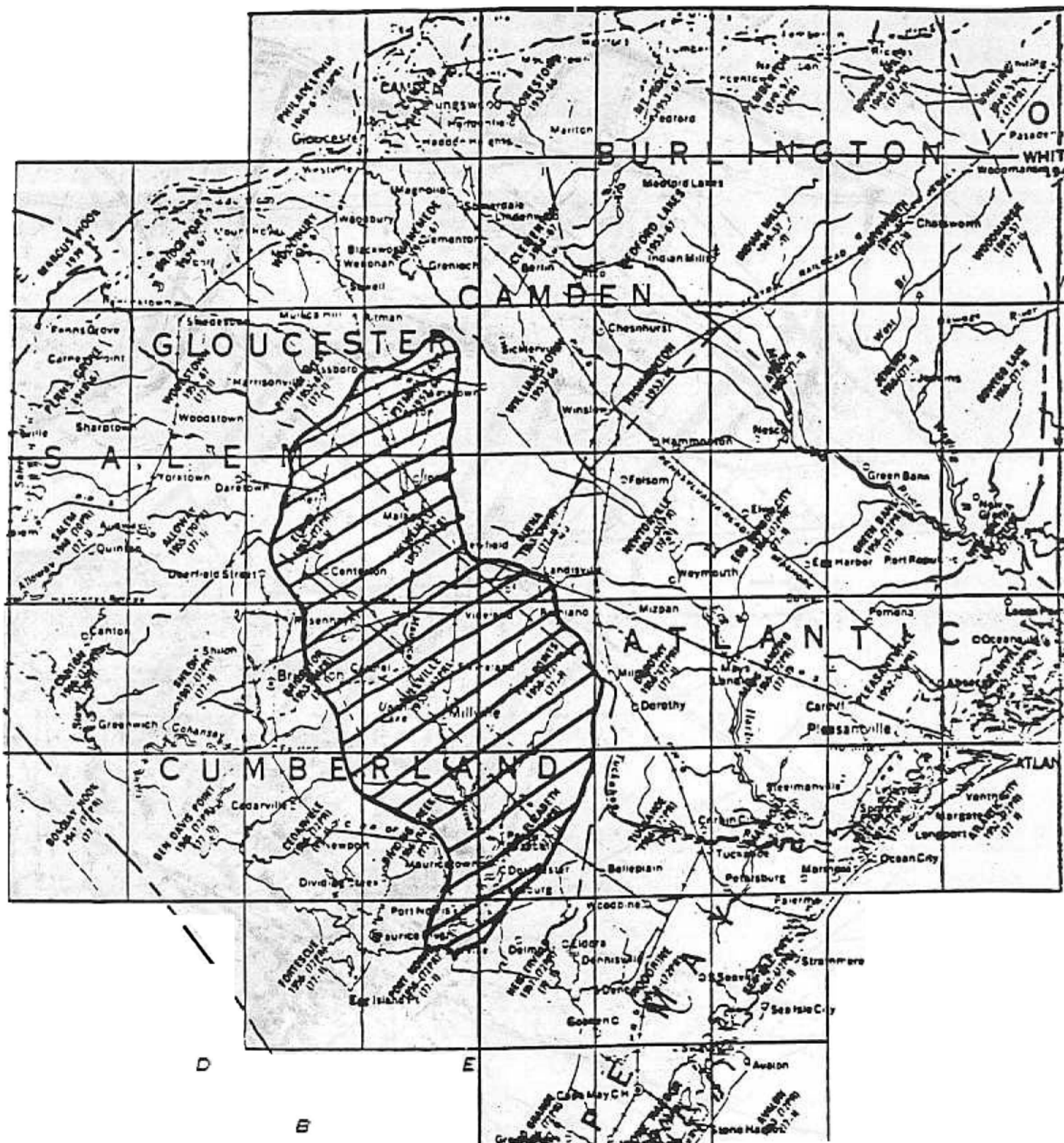
U.S.G.S. Quadrangle(s): Bridgeport, Marcus Hook, Penns Grove,
Woodstown

Resource Value:

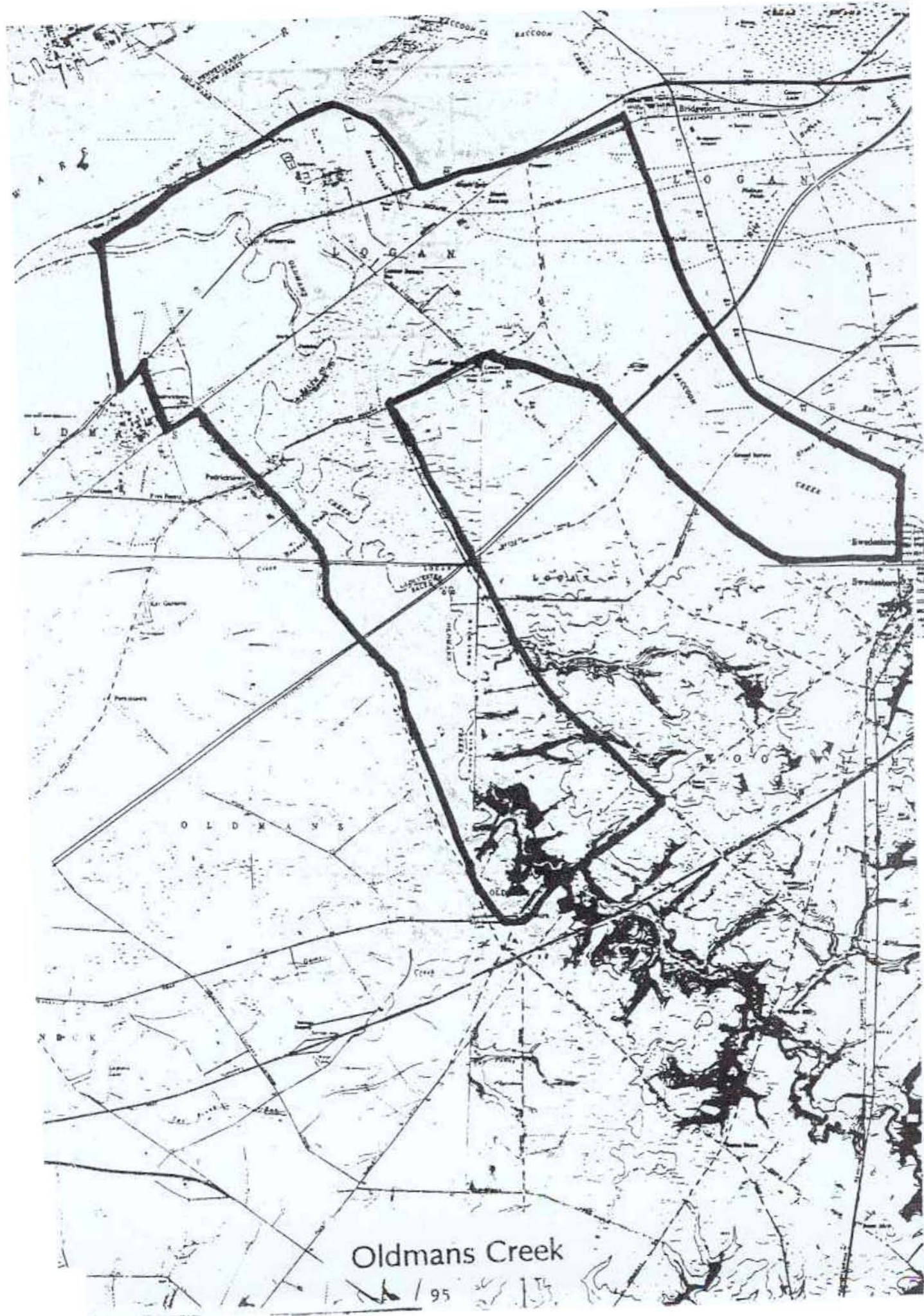
- o 6500 acres of emergent (fresh tidal) and
palustrine forest wetland.
- o Important migration stop-over for
pintail ducks and sora rail.
- o Includes Pendricktown Impoundment, which
features a breeding population of the
pied-billed grebe and other waterfowl.
- o Provides habitat for migratory,
wintering, and recent bald eagle
breeding activity.

Known/Potential

Threats to Resource: o Threatened by development.



Maurice River System



Hudson County

Hudson County

Name: Hackensack Meadowlands

Category: Specific Geographic Area

Location: Various townships including Kearny, N. Arlington, and Woodbridge Twps., Hudson and Bergen Counties.

U.S.G.S. Quadrangle(s): Elizabeth, Hackensack, Orange, Weehawkin

Resource Value:

- Diverse array of palustrine and estuarine wetlands.
- Provides significant habitat for waterfowl, including the only NJ breeding population of American Coots, and raptors (e.g. northern harriers, short-eared owls).
- Features floodwater storage for the Hackensack River and several tidal and non-tidal streams.

Known/Potential Threats to Resource:

- Intense development pressure from surrounding communities and land speculators.

Comments: This Priority listing includes all wetlands within the Hackensack Meadowlands.

Hudson County

Name: Passaic River Basin

Category:

Specific Geographic Areas

Location:

Northeastern New Jersey (i.e. Bergen, Essex, Hudson, Morris, Passaic, Somerset, Sussex, Union Counties) and New York (Orange and Rockland Counties).

U.S.G.S. Quadrangle(s):

Bernardsville, Boonton, Boundbrook, Caldwell, Chatham, Dover, Franklin, Greenwood Lake, Hackensack, Hamburg, Mendham, Morristown, Newfoundland, Orange, Paterson, Plainfield, Pompton Plains, Ramsey, Roselle, Sloatsburg, Wanaque, Wawayanda, Weehawkin

Resource Value:

- o Flood control.
- o Water supplies and water quality maintenance.
- o Important habitat for waterfowl, raptors, passerines, herptiles, furbearers, and fish, including various state and federally listed species.

Known/Potential

Threats to Resource:

- o Proposed Passaic River tunnel project, New York ACOE.
- o Urbanization.
- o Routes 46, 10, 80, and 24 run through these wetlands and have had major impacts.
- o Encroachment and the continuation of filling in flood zone areas.

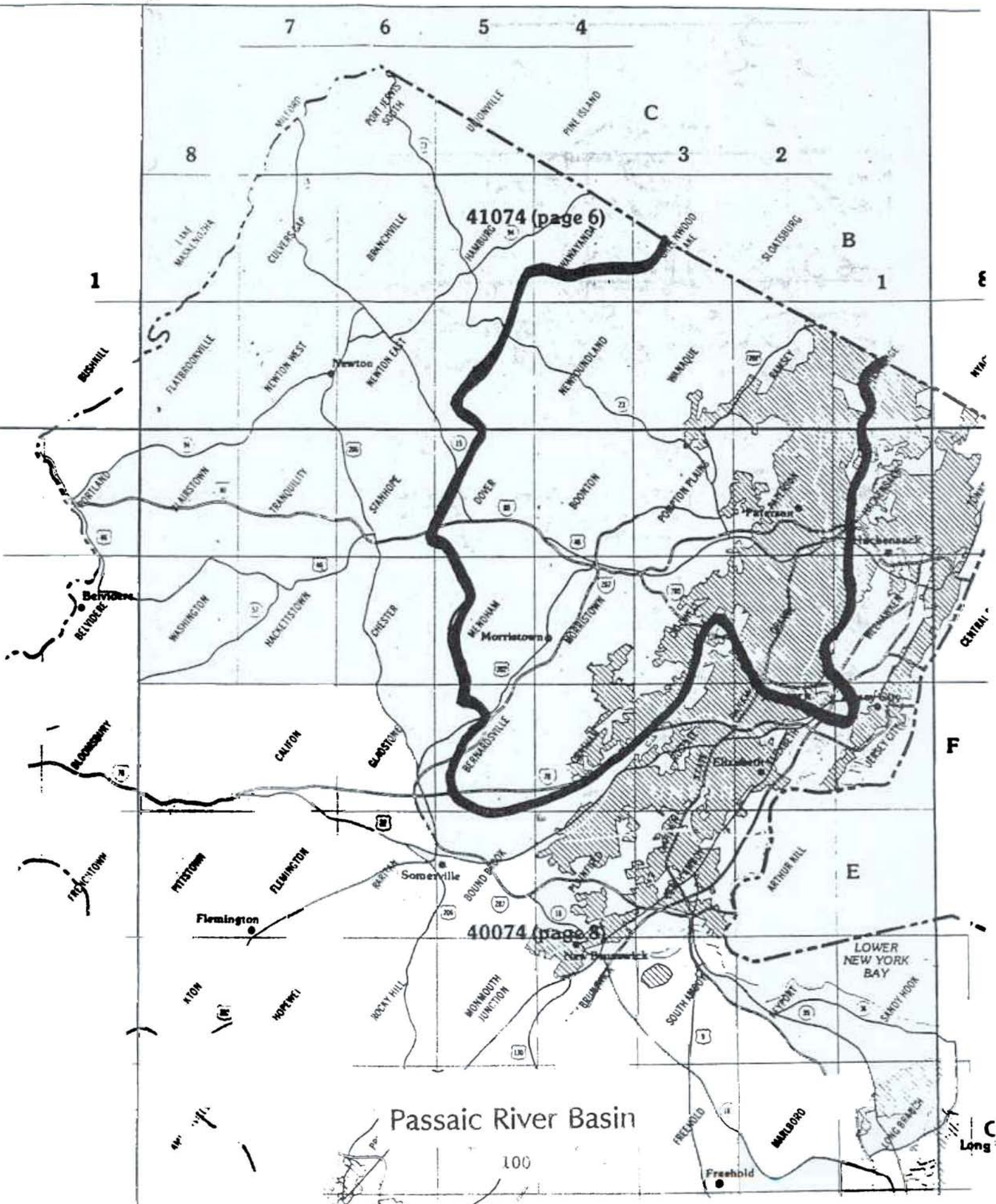
Comments:

This listing applies to all wetlands within the Passaic River Basin except for isolated wetlands which occur outside of the 100 year floodplain, as defined by either the Federal Emergency Management Agency's 100 year flood elevation or the New Jersey 100 year flood elevation, whichever is higher. The Passaic River drains 935 square miles of New Jersey and New York. Average annual population growth is estimated at 0.34% and 2.50% for the upper and lower portions respectively. **Note** - The Beech Brook, Big Pine Swamp and Washington Valley priority wetlands are located within the boundaries of the Passaic River Basin listing. See these listings for further information.



Hackensack Meadowlands

75°



Hunterdon County

Hunterdon County

Name: Spruce Run Reservoir Tributary Wetlands

Category: Specific Geographic Area

Location: Feeder streams and associated wetland areas to Spruce Run, Rocky Run, Willoughby Brook, Black Brook, and Mulhockaway Creek in Hunterdon County

U.S.G.S. Quadrangle(s): Bloomsbury, Frenchtown, Highbridge, Hackettstown, Pittstown

Resource Value:

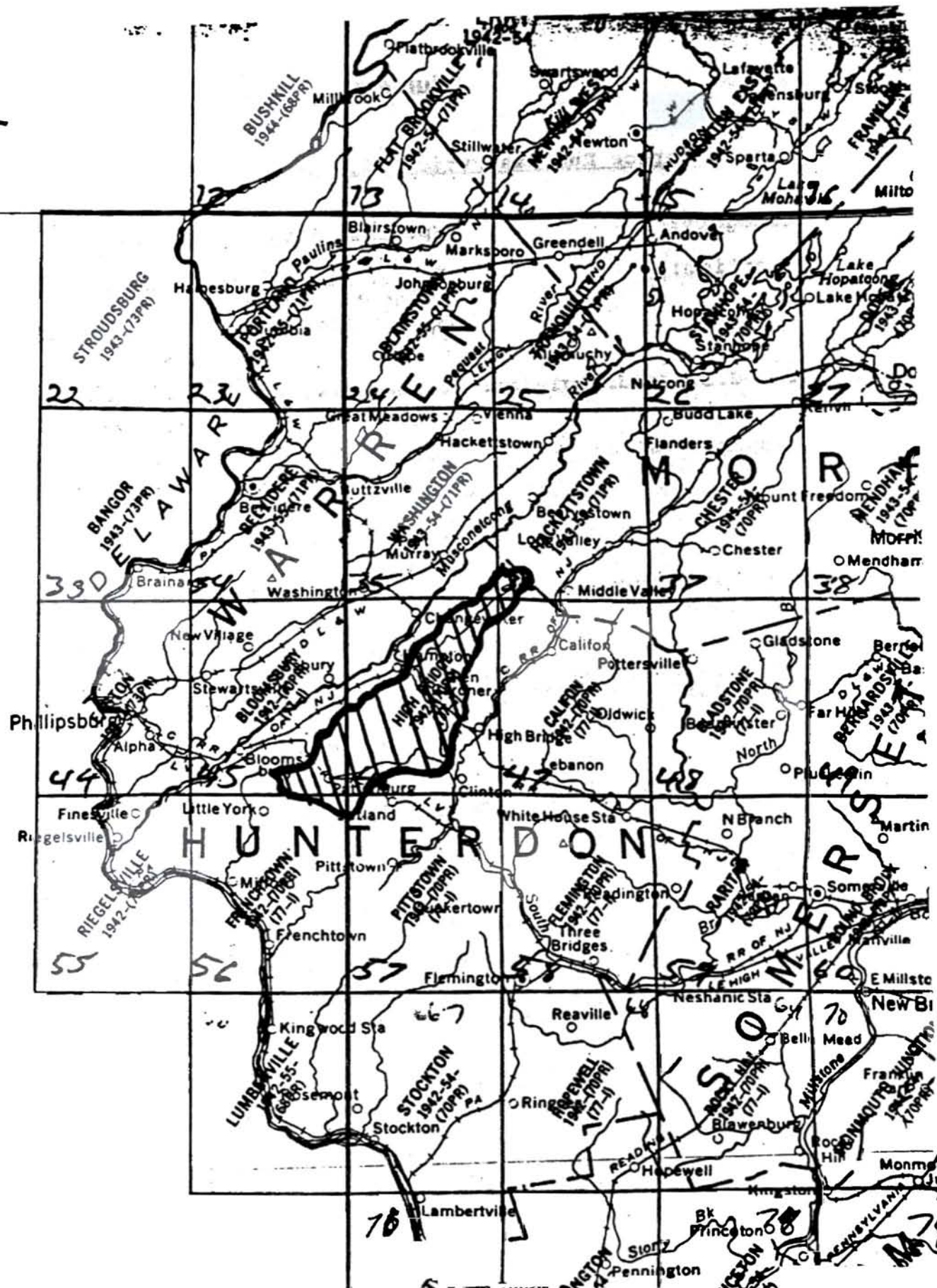
- o Important public water supply source (Elizabeth Town Water Company).
- o Various tributary streams contain trout production waters.
- o Features state listed Bog, and Wood turtles.

Known/Potential Threats to Resource:

- o Development pressure.
- o Potential threat to water supply from non-point source pollution.

Comments: All wetlands associated with the Spruce Run Reservoir tributary system are considered part of this priority listing.

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Spruce Run Reservoir Tributary Wetlands

Mercer County

Mercer County

Name: Hamilton Marsh

Category: Specific Geographic Area

Location: Mercer and Burlington Counties,
immediately south of Trenton.

U.S.G.S. Quadrangle(s): Trenton East

Resource Value:

- Breeding area for the state listed Pied-billed grebe.
- Supports a variety of game and nongame species.
- Fish habitat for the Federally endangered Shortnose Sturgeon.
- Enhances water quality run-off to the Delaware River.

Known/potential

Threats to Resource:

- Adjacent residential development.
- Impacted by the Trenton Complex highway project.

Name: Walnford Floodplain

Category: Specific Geographic Area

Location: Chesterfield, North Hanover, Hamilton,
and Upper Freehold Twps., Burlington,
Mercer, and Monmouth Counties.

U.S.G.S. Quadrangle(s): Allentown

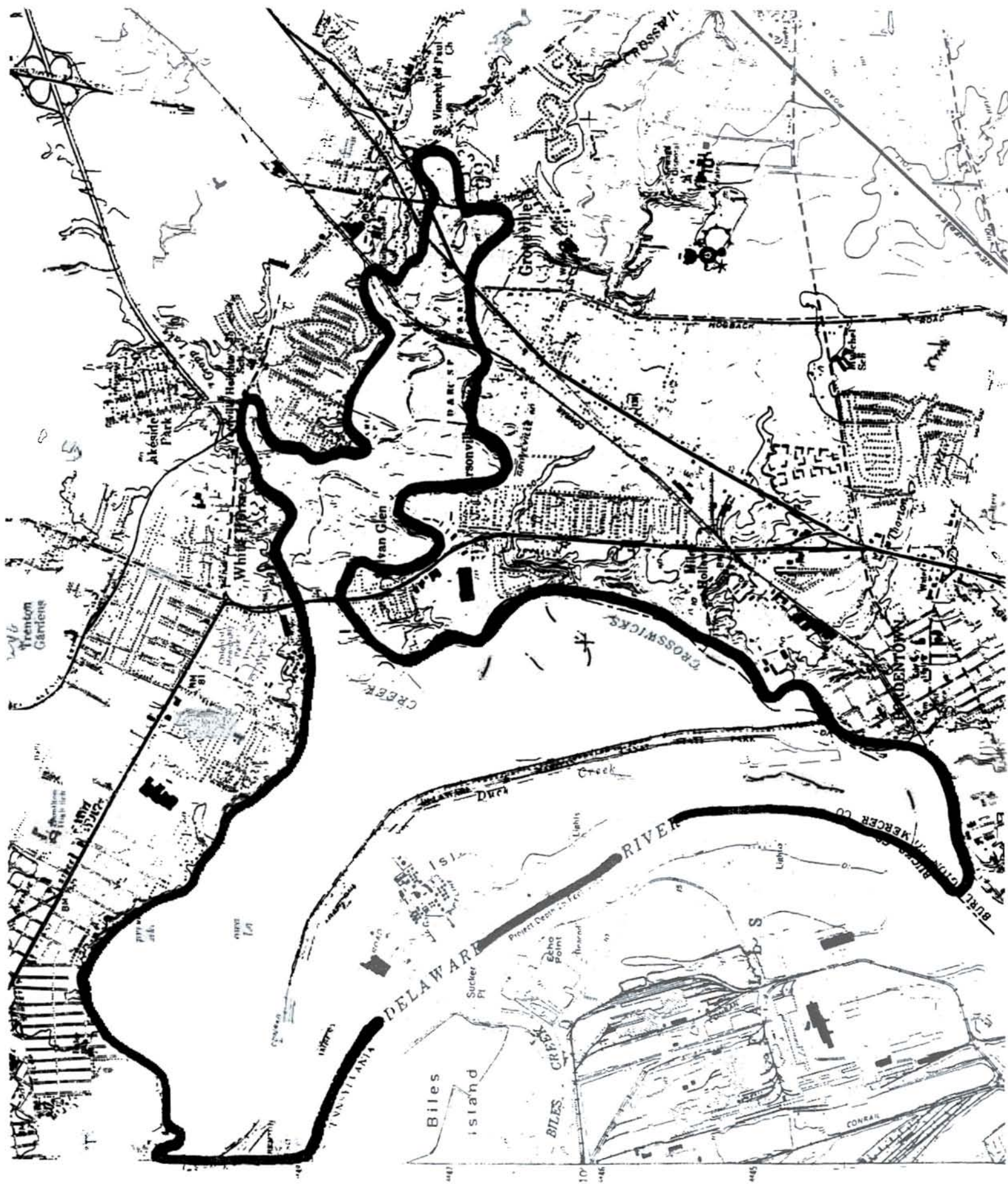
Resource Value:

- Exemplary natural wetland community.
- State imperiled plant species.

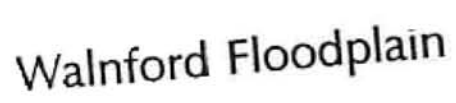
Known/Potential

Threats to Resource:

- Development pressure.



Hamilton Marsh



Middlesex County

Middlesex County

Name: Dismal Swamp

Category: Specific Geographic Area

Location: Edison Twp., Middlesex County

U.S.G.S. Quadrangle(s): Plainfield

Resource Value:

- o 200 acres of Palustrine forest, scrub-shrub, and emergent wetlands.
- o Provides important resources for passerines, raptors, American woodcock, deer, squirrels, opossum, raccoon, and various small mammals.

Known/Potential

Threats to Resource:

- o Area is threatened by severe residential/industrial development.

Name: Helmetta

Category: Specific Geographic Area

Location: Helmetta Boro, Middlesex County

U.S.G.S. Quadrangle(s): Jamesburg, New Brunswick

Resource Value:

- o Regionally rare wetland area due to Pine Barrens characteristics.
- o Features a diversity of herptiles (e.g. carpenter frogs, diamondback terrapins).
- o Significant site for songbirds (e.g. warblers, summer tanager, whip-poor-wills).

Known/Potential

Threats to Resource:

- o Subject to degradation from human disturbance. Threatened by changes in the quantity and quality of groundwater in the vicinity.

Middlesex County

Name: Metro Park Wetlands

Category: Specific Geographic Area

Location: Edison and Woodbridge, Middlesex County

U.S.G.S. Quadrangle(s): Perth Amboy

Resource Value:

- o Provides habitat for 90 species of breeding and migratory birds, including the Red Shouldered hawk.
- o Provides flood protection within heavily developed area. Greater than 50% of site lies within 100-year floodplain.

Known/Potential Threats to Resource:

- o Heavy commercial and residential development pressure.

Comments: Contains approximately 55 acres of palustrine forested wetlands associated with the South Branch of the Rahway River. Designated as a Priority Site by the New Jersey Audubon Society.

Name: Pigeon Swamp

Category: Specific Geographic Area

Location: South Brunswick Twp., Middlesex County

U.S.G.S. Quadrangle(s): Monmouth Junction, New Brunswick

Resource Value:

- o 1250 acres of palustrine forest, scrub-shrub, and emergent wetlands in an highly urbanizing county.
- o Features an exemplary red maple-sweet gum swamp forest.

Known/Potential Threats to Resource:

- o Development threat from private landowners and impacts generated by adjacent gravel mine (i.e. potential changes in the hydrologic regime).

Comments: Listed in the National Registry of Natural Landmarks.

Middlesex County

Name: Raritan Bay Estuary Wetlands

Category: Specific Geographic Area

Location: Middlesex, Monmouth, and Union Counties

U.S.G.S. Quadrangle(s): Arthur Kill, Elizabeth, Keyport, Long Branch, Marlboro, New Brunswick, Perth Amboy, Plainfield, Sandy Hook, South Amboy

Resource Value:

- Fishery and nursery habitat.
- Important migratory bird habitat for hawks, passerines, waterfowl, loons and grebes.
- Provides habitat for shorebirds and federally listed piping plover and peregrine falcon.
- Filtering and absorption of pollutants.
- Regional scarcity of estuarine wetlands in area.

Known/Potential

Threats to Resource:

- Extreme pressure from commercial and residential development.

Comments:

Raritan Bay contains large populations of bluefish, fiddler crabs, killifish and other marine organisms. The Bay's wetlands, located on the east coast flyway, are an important migratory bird resource. All tidally influenced estuarine wetlands within the boundaries of this listing are considered priority wetlands.

Note - The Raritan Center listing is located within the boundaries of the Raritan Bay Estuary priority wetland. See the Raritan Center listing for further information.

Middlesex County

Name: Raritan Center

Category: Specific Geographic Area

Location: Edison Twp., Middlesex County

U.S.G.S. Quadrangle(s): Perth Amboy, South Amboy

Resource Value:

- Approximately 930 acres of palustrine emergent wetlands, ponds, and tidal creeks.
- Provides essential habitat for waterfowl, shorebirds, colonial waterbirds, (including the state listed yellow-crowned night-heron), raptors, passerines, furbearers, and anadromous fish in a highly urbanized area.

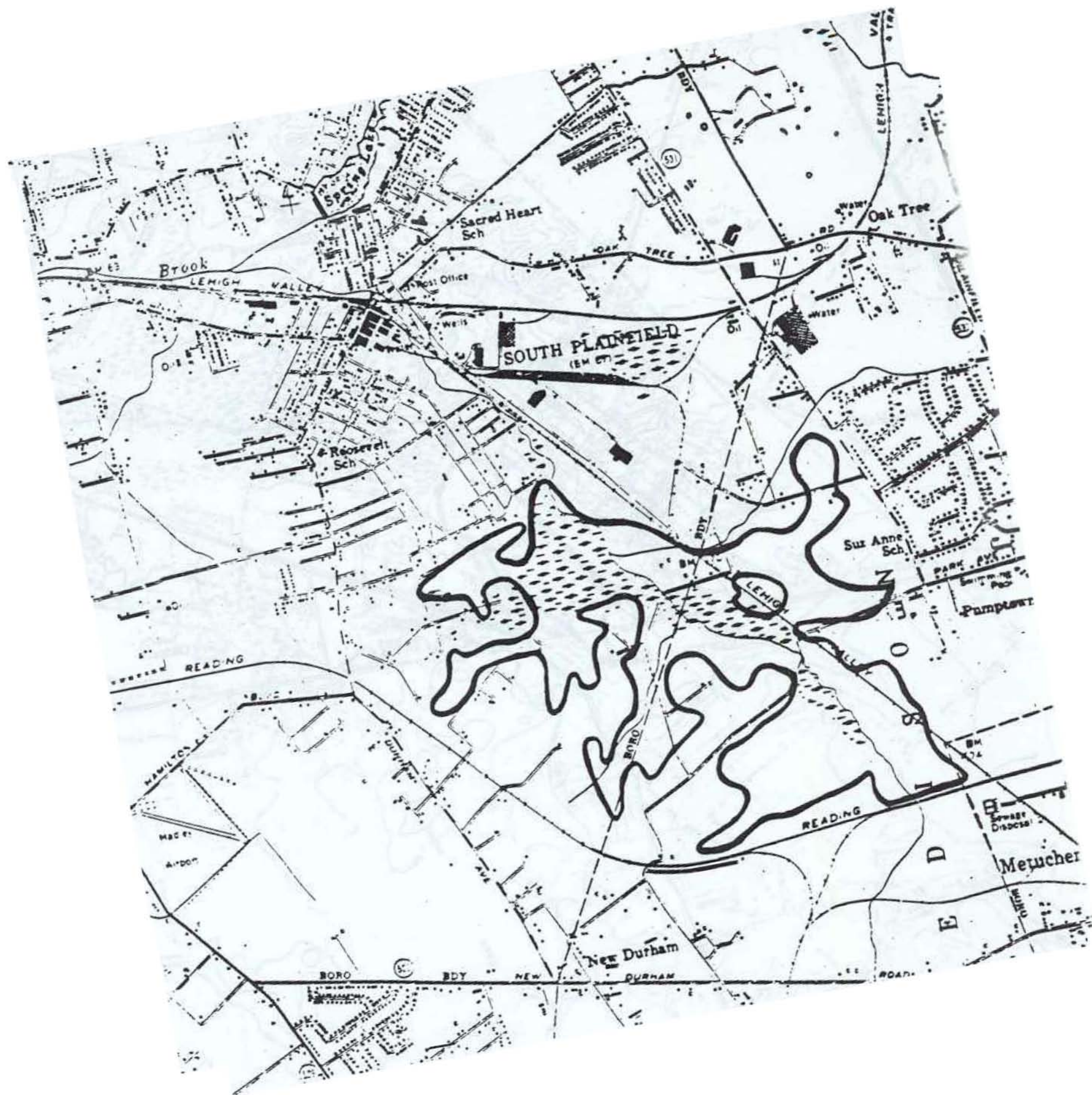
Known/Potential

Threats to Resource:

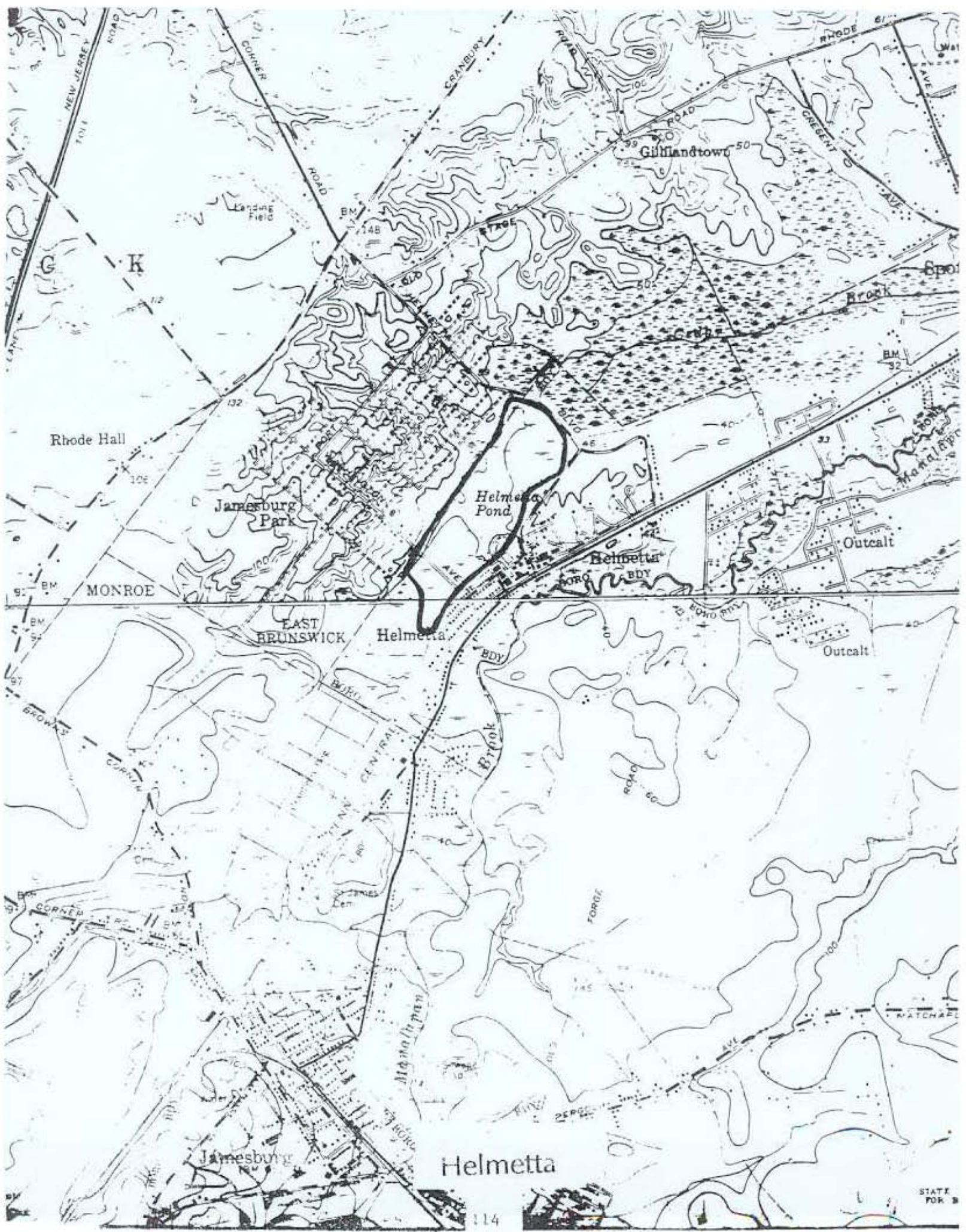
- Wetlands are in imminent danger of destruction from numerous unauthorized fills and degradation of adjacent wetlands from erosion of fill material.

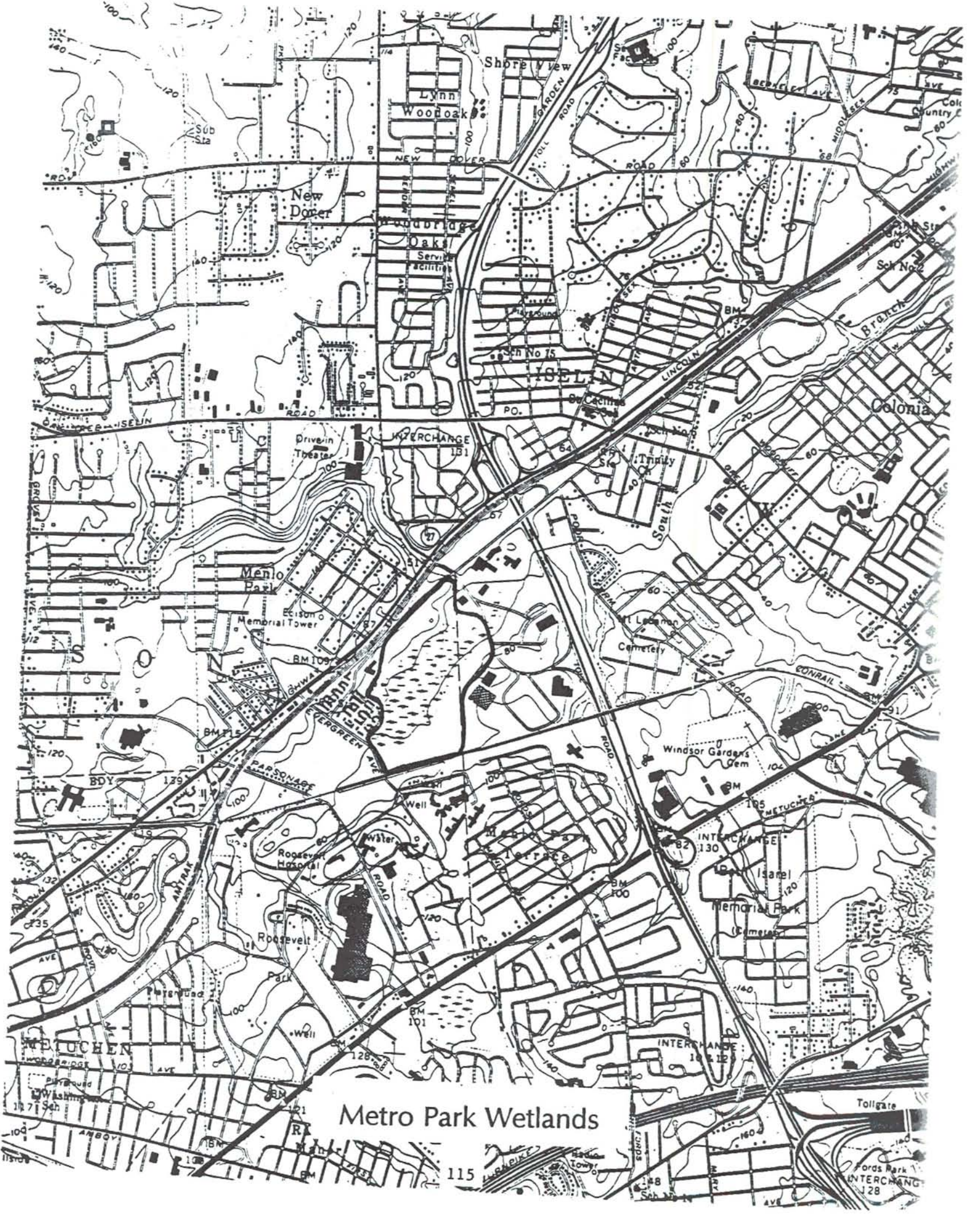
Comments:

The Raritan Center listing is a component of the Raritan Bay Estuary priority wetland. All wetlands within the boundaries of the Raritan Center listing are considered priority wetlands.



Dismal Swamp

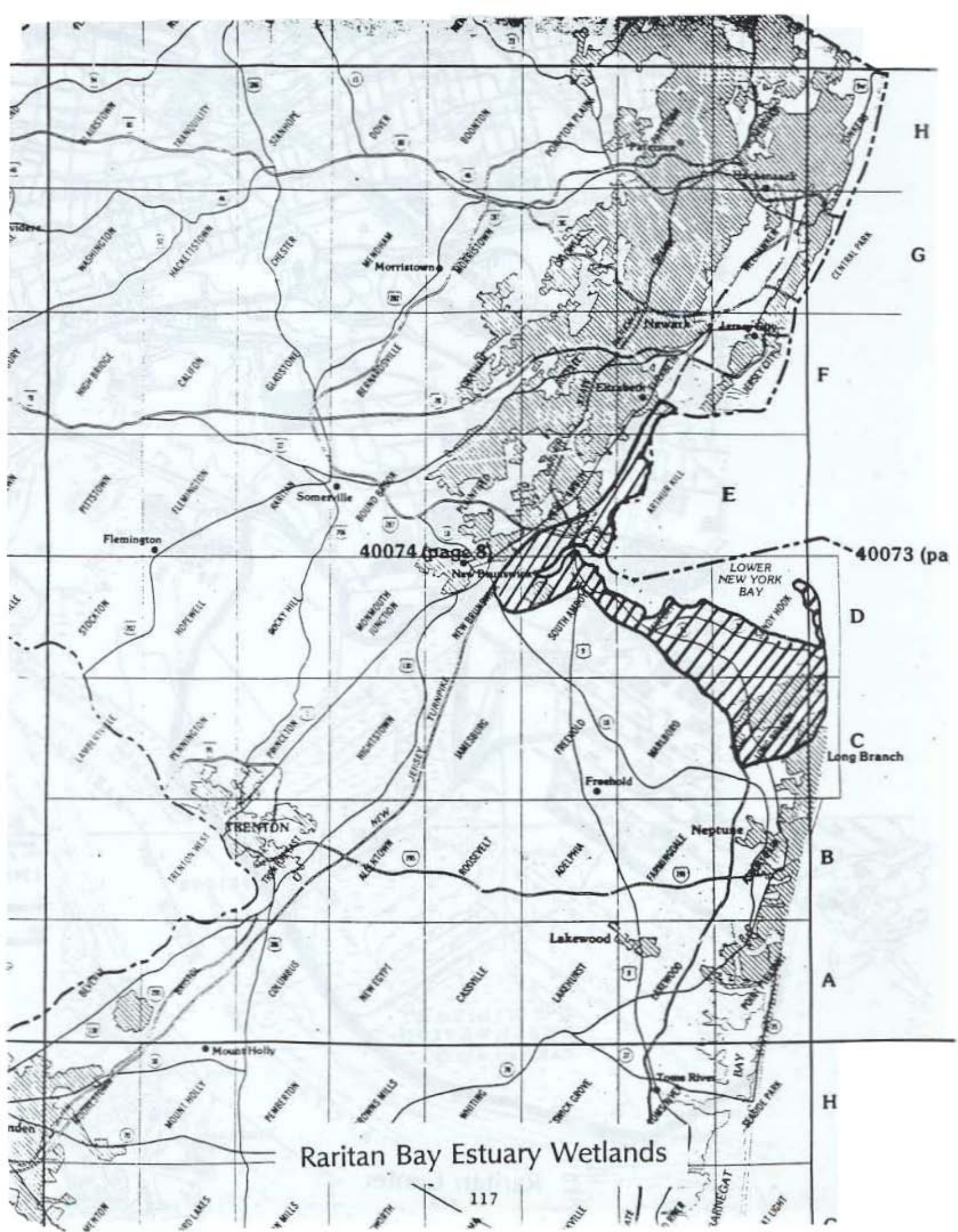


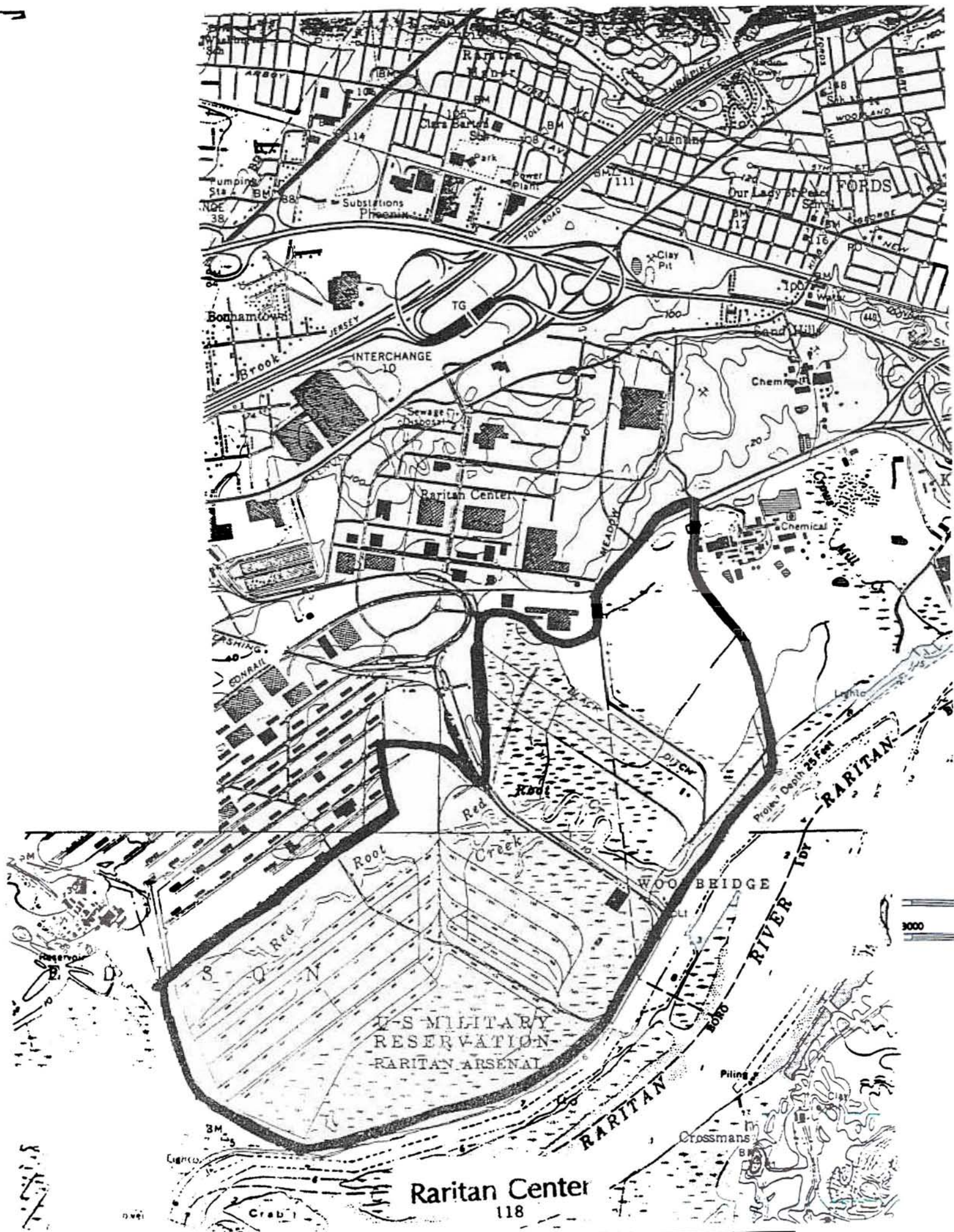


Metro Park Wetlands



Pigeon Swamp





Monmouth County

Monmouth County

Name: Barnegat Bay and its Tributaries (Overall System)

Category: Specific Geographic Area

Location: Burlington County, Bass River Twp., Monmouth County, Millstone Twp. and Howell Twp., Ocean County, various municipalities. From the Metedeconk River watershed south to Great Bay, including the barrier islands to the east.

U.S.G.S. Quadrangle(s): Adelphia, Barnegat Light, Beach Haven, Brookville, Cassville, Farmingdale, Forked River, Keswick Grove, Lakehurst, Lakewood, Long Beach NE, New Gretna, Oswego Lake, Point Pleasant, Roosevelt, Seaside Park, Ship Bottom, Toms River, Tuckerton, West Creek, Whiting, Woodmansie

Resource Value:

- o Fishery and nursery habitat.
- o Shellfish nursery and habitat.
- o Estuarine and palustrine wetlands.
- o Wildlife habitat for game and nongame species, including indigenous state listed herptiles (Pine Barrens treefrog tiger salamander).

Known/Potential Threats to Resource:

- o Intense pressure for dredge and fill due to the popularity of the area.
- o Has undergone rapid development, severely threatened by residential and commercial development.

Comments: All wetlands which are a component of the Barnegat Bay tributary system are considered part of this priority listing. Much of the area of this listing is within CAFRA jurisdiction and is the subject of a watershed management plan.

Note - The Manahawkin Swamp, Manahawkin Lake and Reedy Creek/Herring Point priority wetlands are located within the boundaries of the Barnegat Bay listing. See these listings for further information.

Monmouth County

Name: Raritan Bay Estuary Wetlands

Category: Specific Geographic Area

Location: Middlesex, Monmouth, and Union Counties

U.S.G.S. Quadrangle(s): Arthur Kill, Elizabeth, Keyport, Long Branch, Marlboro, New Brunswick, Perth Amboy, Plainfield, Sandy Hook, South Amboy

Resource Value:

- Fishery and nursery habitat.
- Important migratory bird habitat for hawks, passerines, waterfowl, loons and grebes.
- Provides habitat for shorebirds and federally listed piping plover and peregrine falcon.
- Filtering and absorption of pollutants.
- Regional scarcity of estuarine wetlands in area.

Known/Potential

Threats to Resource:

- Extreme pressure from commercial and residential development.

Comments:

Raritan Bay contains large populations of bluefish, fiddler crabs, killifish and other marine organisms. The Bay's wetlands, located on the east coast flyway, are an important migratory bird resource. All tidally influenced estuarine wetlands within the boundaries of this listing are considered priority wetlands.

Note - The Raritan Center listing is located within the boundaries of the Raritan Bay Estuary priority wetland. See the Raritan Center listing for further information.

Monmouth County

Name: Shark River Station Site

Category: Specific Geographic Area

Location: Wall Township, Monmouth County

U.S.G.S. Quadrangle(s): Farmingdale

Resource Value: ☐ Contains one critically imperilled species and other global and state rare plant species.

Known/Potential

Threats to Resource: ☐ Development pressure.
 ☐ Powerline Maintenance.

Name: Walnford Floodplain

Category: Specific Geographic Area

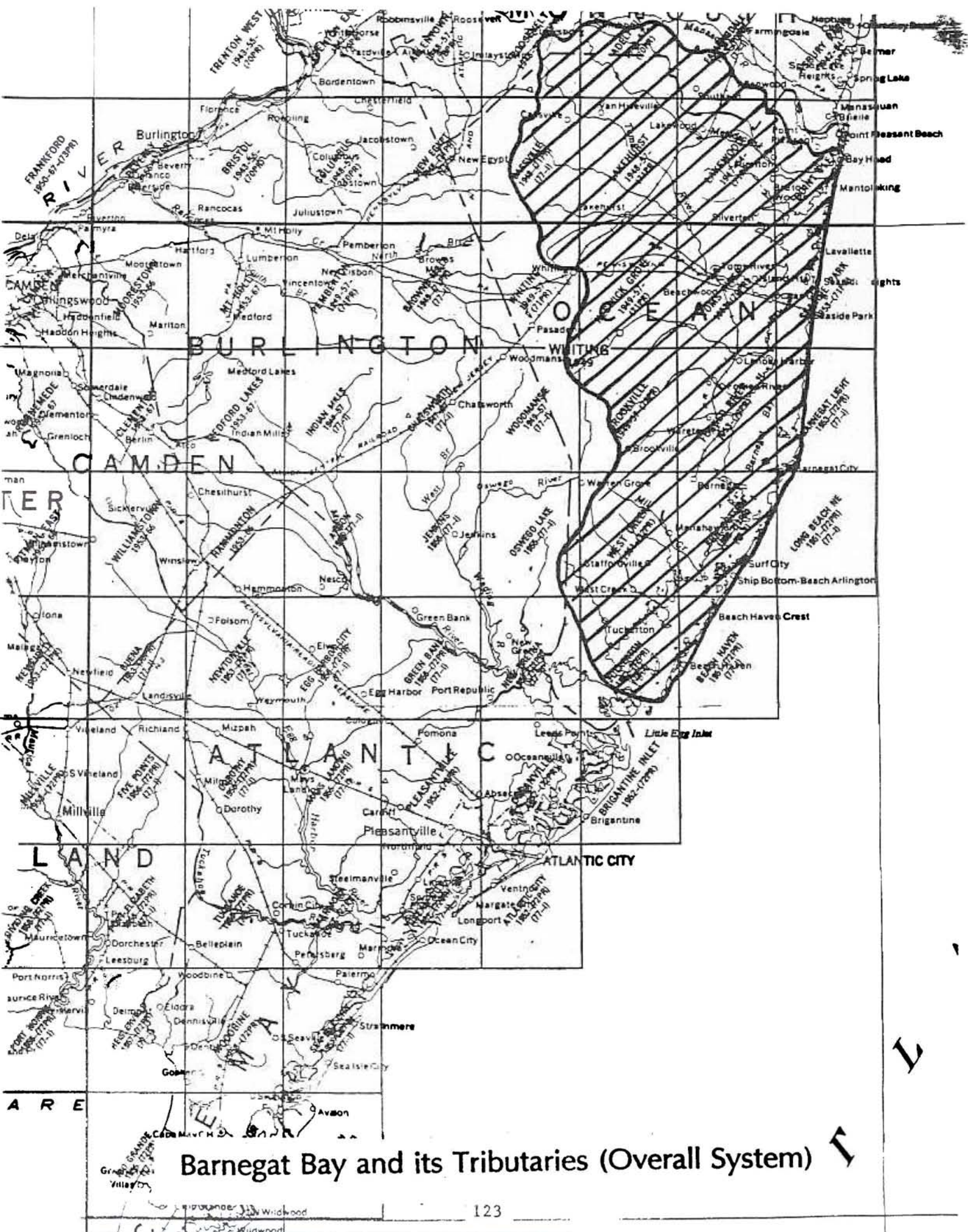
Location: Chesterfield, North Hanover, Hamilton and Upper Freehold Twps., Burlington, Mercer, and Monmouth Counties.

U.S.G.S. Quadrangle(s): Allentown

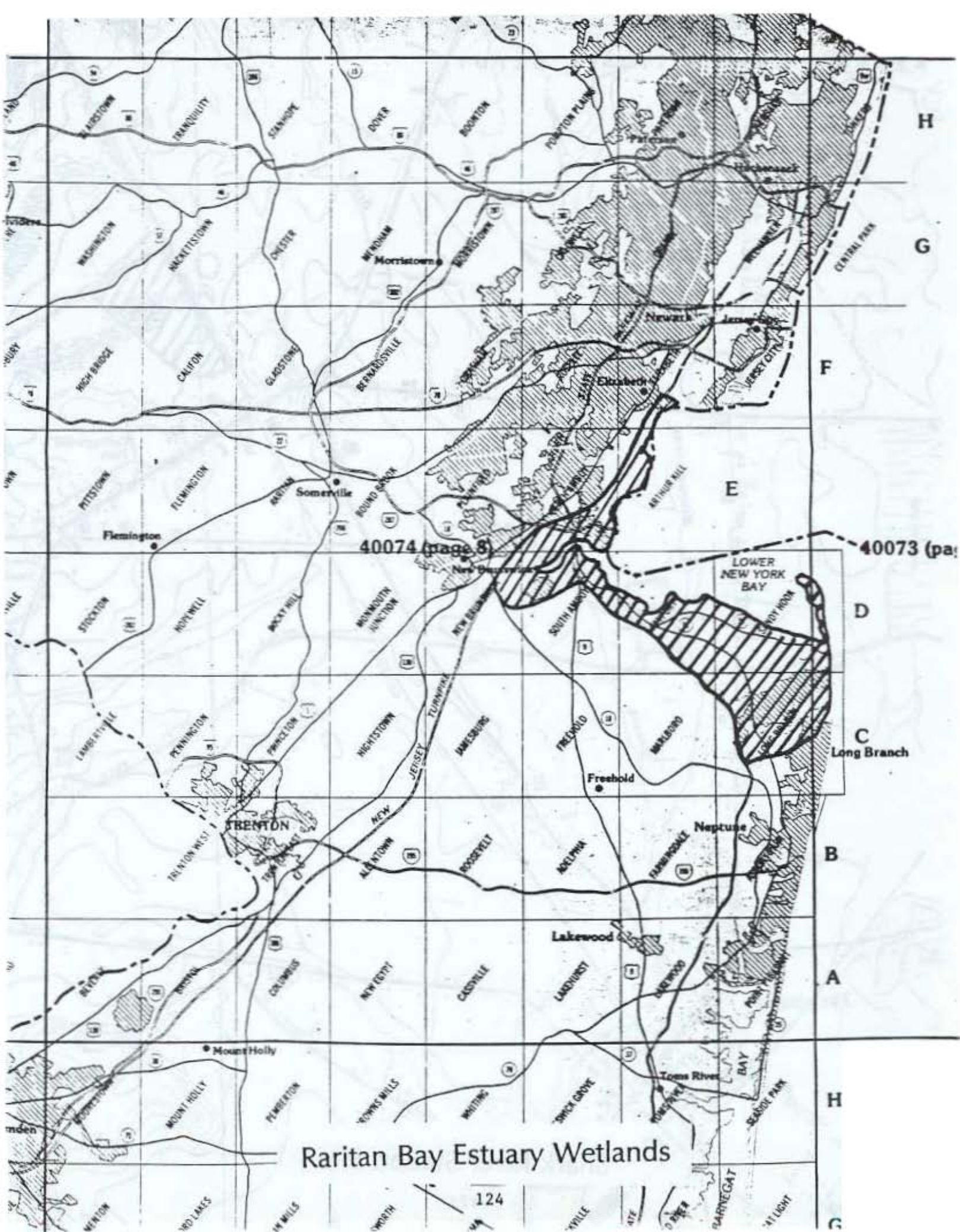
Resource Value: ☐ Exemplary natural wetland community
 ☐ State imperiled plant species.

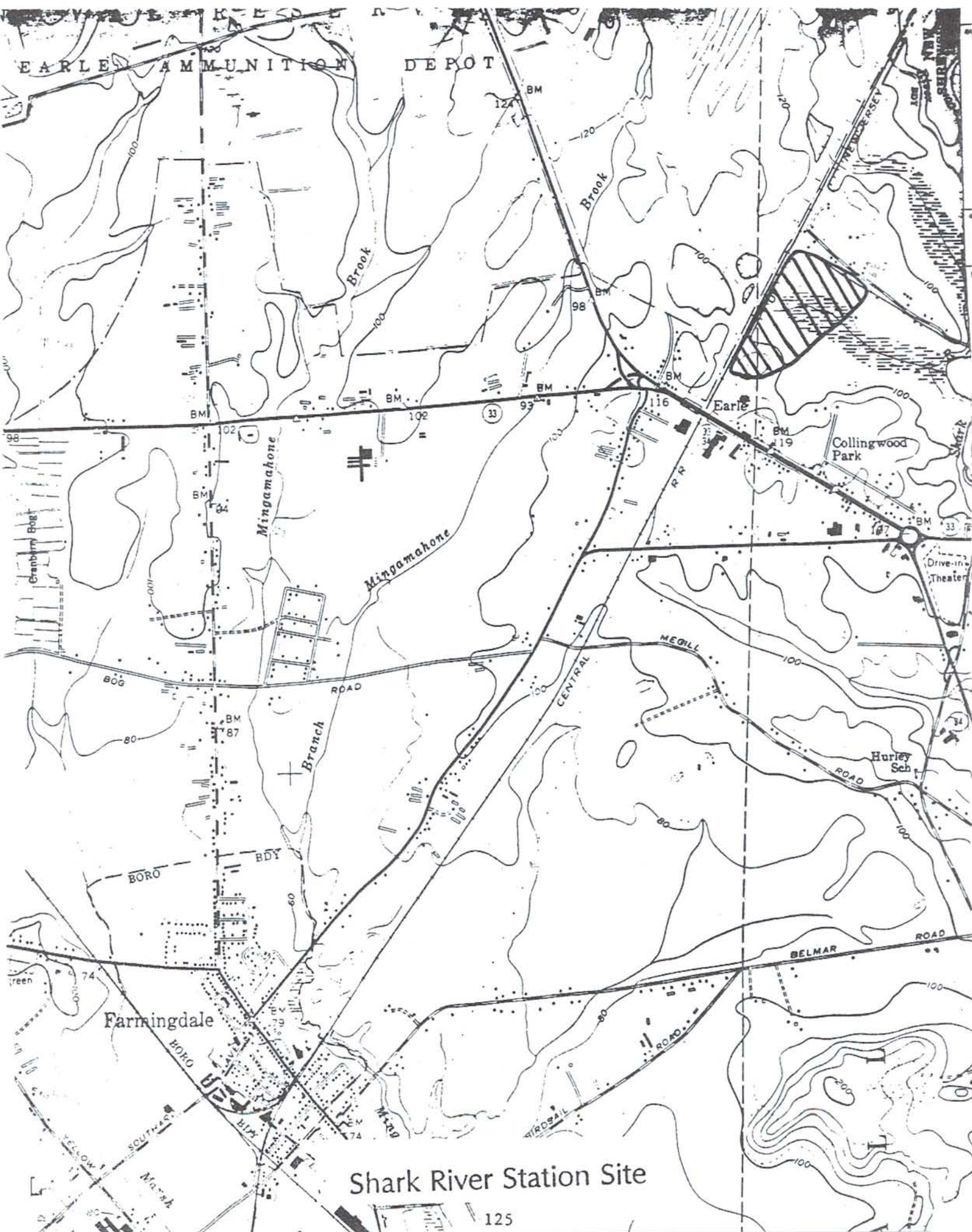
Known/Potential

Threats to Resource: ☐ Development pressure



Barnegat Bay and its Tributaries (Overall System)







Wainford Floodplain

Morris County

Morris County

Name: Big Pine Swamp

Category: Specific Geographic Area

Location: Jefferson Township, Morris County;
Sparta Township, Sussex County

U.S.G.S. Quadrangle(s): Franklin

Resource Value: ○ Wetland features nesting state listed
Northern goshawks and Barred owls.
○ Also features a wide variety of breeding
warblers and other passerines.

Known/Potential

Threats to Resource: ○ Much is part of Jefferson Sparta
Preserve. However, inholdings and
fringe wetland areas continue to be
threatened by development.

Comments: Big Pine Swamp is a component of the
Passaic River Basin listing. All
wetlands within the boundaries of the
Big Pine Swamp listing are considered
priority wetlands.

Morris County

Name: Lake Hopatcong Watershed [REVISED AUGUST 10, 1994]

Category: Specific Geographic Area

Location: Jefferson and Roxbury Twps., and Hopatcong and Mount Arlington Boros, Morris County and Byram Twp. Sussex County. Regional wetlands are associated with the waters supplying Lake Hopatcong. Examples include:

1. Mountain Inlet
2. Lees Cove watershed
3. Jaynes Brook watershed
4. Weldon Brook watershed
5. Liffy Island waterway
6. Hopatcong Canals/waterways
7. Beaver Brook watershed
8. Great Cove watershed
9. Mt. Arlington Knolls watershed

U.S.G.S. Quadrangle(s): Dover, Franklin, Stanhope

Resource Value: o High water quality, for important fish spawning and public water supply.
 o Wildlife habitat for various game and nongame species, including the state listed barred owl.

Known/Potential
Threats to Resource: o Threat of development

Comments: All wetlands associated with the Lake Hopatcong tributary system are considered part of this priority listing.

Morris County

Name: Lamington River (Black River) Watershed

Category: Specific Geographic Area

Location: Roxbury Twp. (Succasunna) to Chester Twp. (Hacklebarney), Morris County

U.S.G.S. Quadrangle(s): Chester

Resource Value: ○ Important wildlife habitat for waterfowl and rails.
 ○ Features state listed species (e.g. Barred owl, American bittern) habitat.
 ○ Rare flora.

Known/Potential

Threats to Resource: ○ Threat of water table drawdown by wells and other development pressure to adjacent uplands.

Name: Little Spruce Swamp

Category: Specific Geographic Area

Location: Mount Olive Twp., Morris County

U.S.G.S. Quadrangle(s): Stanhope, Tranquility

Resource Value: ○ Federally listed plant species.
 ○ Numerous historic records for state imperiled and rare flora, including at least one extant record.
 ○ State rare natural community.

Known/Potential

Threats to Resource: ○ Development pressure.

Morris County

Name: Passaic River Basin

Category: Specific Geographic Areas

Location: Northeastern New Jersey (i.e. Bergen, Essex, Hudson, Morris, Passaic, Somerset, Sussex, Union Counties) and New York (Orange and Rockland Counties).

U.S.G.S. Quadrangle(s): Bernardsville, Boonton, Boundbrook, Caldwell, Chatham, Dover, Franklin, Greenwood Lake, Hackensack, Hamburg, Mendham, Morristown, Newfoundland, Orange, Paterson, Plainfield, Pompton Plains, Ramsey, Roselle, Sloatsburg, Wanaque, Wawayanda, Weehawkin

Resource Value:

- o Flood control for major rivers and their tributaries.
- o Recreational lakes and water supplies.
- o Important habitat for waterfowl, raptors, passerines, herptiles, furbearers, and fish, including various state and federally listed species.

Known/Potential

Threats to Resource:

- o Proposed Passaic River tunnel project New York ACOE.
- o Urbanization.
- o Routes 46, 10, 80, and 24 run through these wetlands and have had major impacts.
- o Encroachment and the continuation of filling in flood zone areas.

Comments:

This listing applies to all wetlands within the Passaic River Basin except for isolated wetlands which occur outside of the 100 year floodplain, as defined by either the Federal Emergency Management Agency's 100 year flood elevation or the New Jersey 100 year flood elevation, whichever is higher. The Passaic River drains 935 square miles of New Jersey and New York. Average annual population growth is estimated at 0.34% and 2.50% for the upper and lower portions respectively. **Note** - The Beech Brook, Big Pine Swamp and Washington Valley priority wetlands are located within the boundaries of the Passaic River Basin listing. See these listings for further information.

Morris County

Name: Washington Valley

Category: Specific Geographic Area

Location: Mendham Twp., Morris County

U.S.G.S. Quadrangle(s): Mendham

Resource Value:

- o 299 acres of palustrine forest, scrub-shrub, emergent, and open water wetlands.
- o Interspersion of various wetland types and ecotonal diversity between wetland and upland types provides high quality wildlife habitat to various game and nongame species.
- o Public recreation.
- o Flood storage.
- o Potential management for trout species.
- o Provides habitat to several state listed species (e.g. wood turtles, red-shouldered hawk)

Known/Potential Threats to Resource:

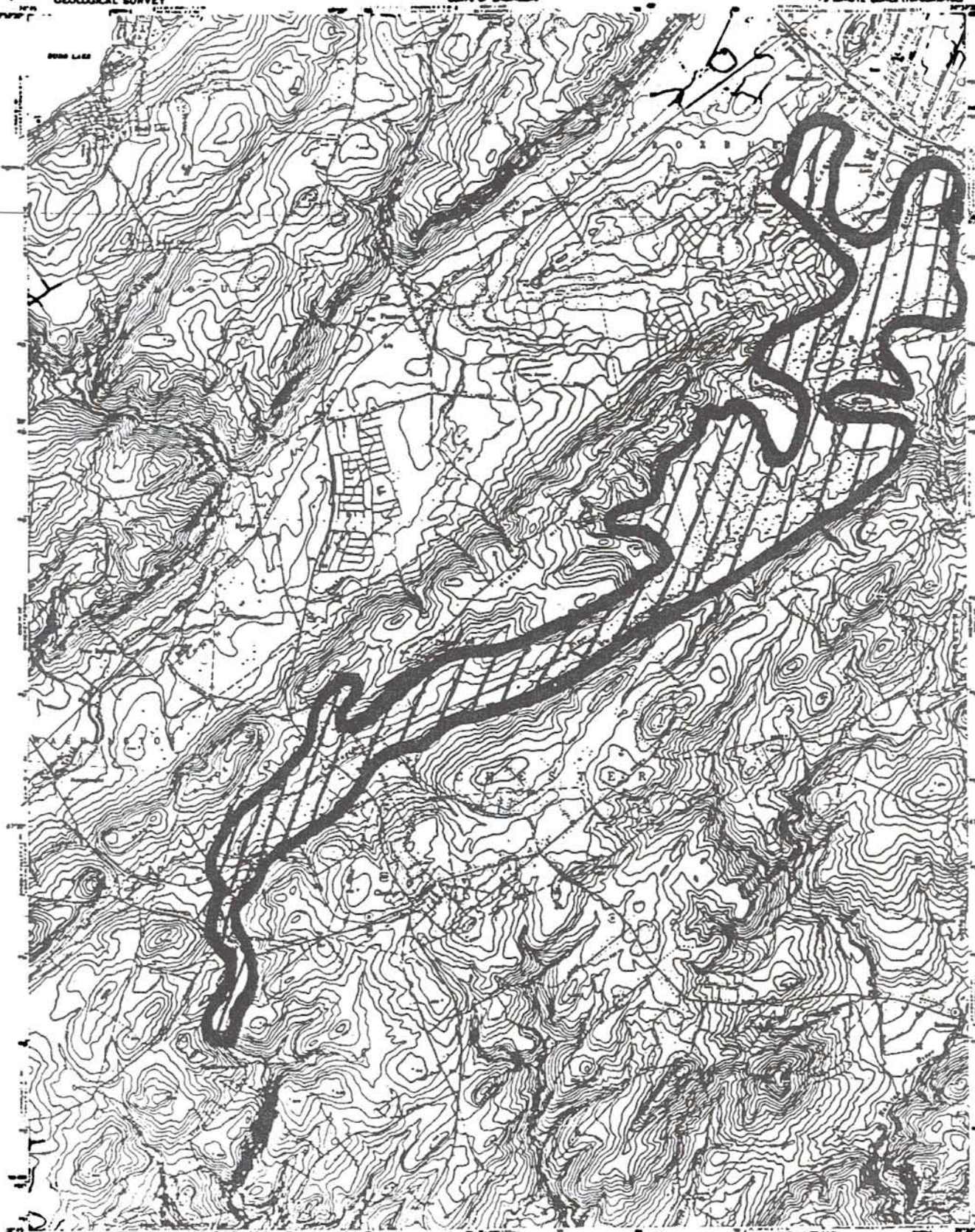
- o Continues to be threatened by proposed use as a water supply reservoir.
- o Adjacent uplands face development pressure.

Comments: Washington Valley is a component of the Passaic River Basin listing. All wetlands within the boundaries of the Washington Valley listing are considered priority wetlands.



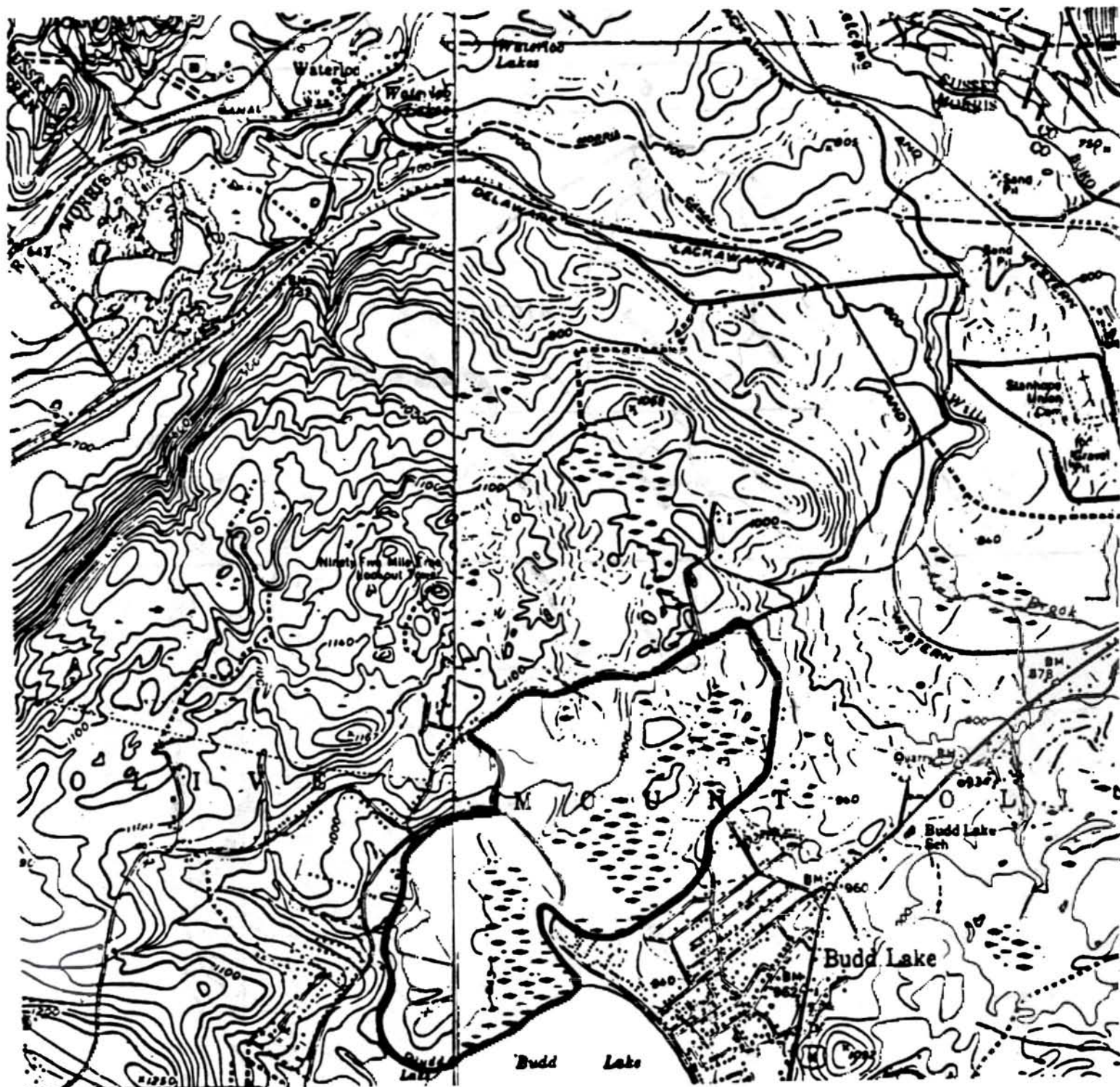
Big Pine Swamp



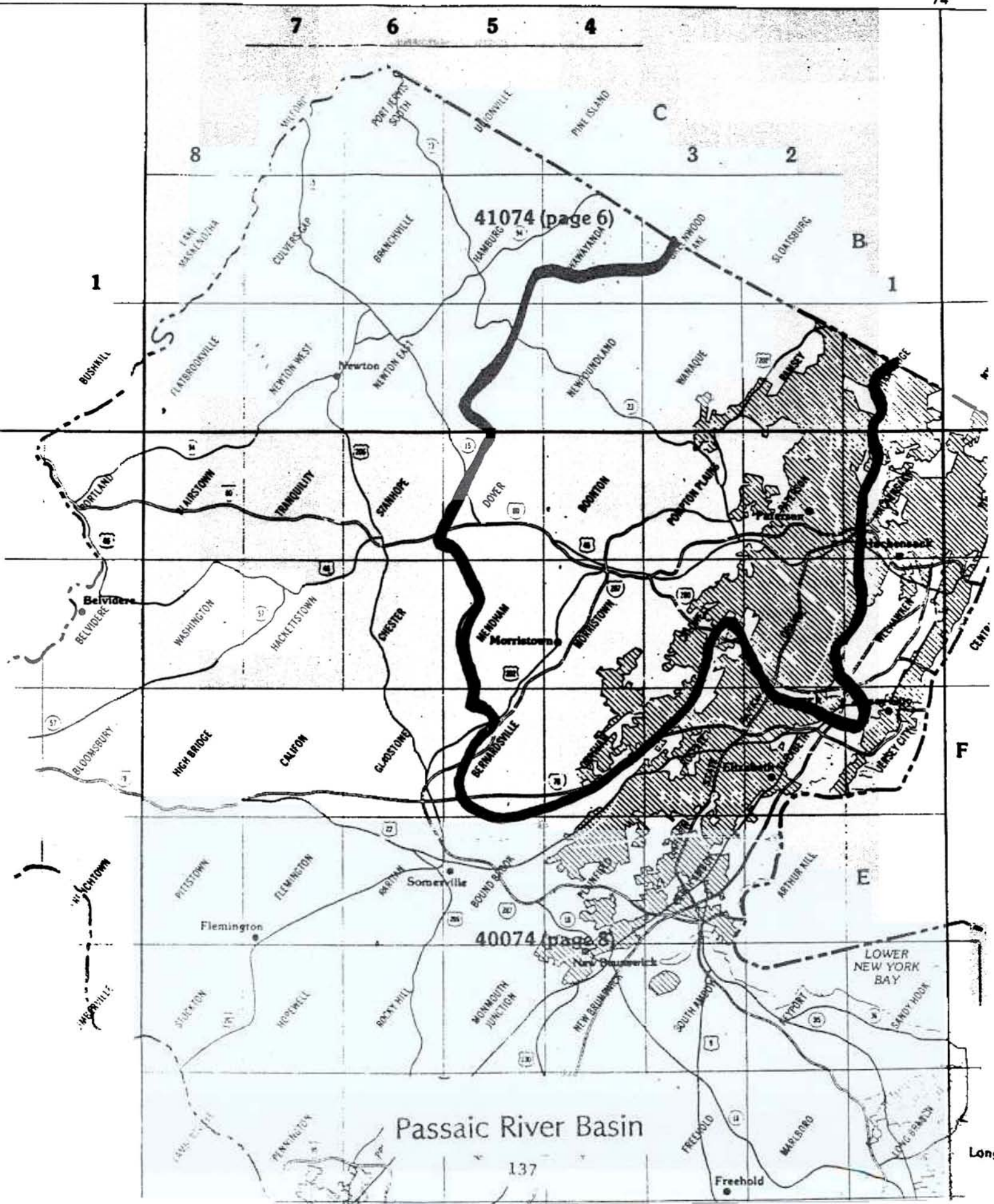


Name Surname
 Address
 City State Zip
☐ Yes ☐ No

CHESTER N. J.
BORN: 1912; 5-1-12



Little Spruce Swamp





Washington Valley

Ocean County

Ocean County

Name: Barnegat Bay and its Tributaries (Overall System)

Category: Specific Geographic Area

Location: Burlington County, Bass River Twp., Monmouth County, Millstone Twp. and Howell Twp., Ocean County, various municipalities. From the Metedeconk River watershed south to Great Bay, including the barrier islands to the east.

U.S.G.S. Quadrangle(s): Adelphia, Barnegat Light, Beach Haven, Brookville, Cassville, Farmingdale, Forked River, Keswick Grove, Lakehurst, Lakewood, Long Beach NE, New Gretna, Oswego Lake, Point Pleasant, Roosevelt, Seaside Park, Ship Bottom, Toms River, Tuckerton, West Creek, Whiting, Woodmansie

Resource Value:

- o Fishery and nursery habitat.
- o Shellfish nursery and habitat.
- o Estuarine and palustrine wetlands.
- o Wildlife habitat for game and nongame species, including indigenous state listed herptiles (Pine Barrens treefrog, tiger salamander).

Known/Potential Threats to Resource:

- o Intense pressure for dredge and fill due to the popularity of the area.
- o Has undergone rapid development, severely threatened by residential and commercial development.

Comments: All wetlands which are a component of the Barnegat Bay tributary system are considered part of this priority listing. Much of the area of this listing is within CAFRA jurisdiction and is the subject of a watershed management plan.

Note - The Manahawkin Swamp, Manahawkin Lake and Reedy Creek/Herring Point priority wetlands are located within the boundaries of the Barnegat Bay listing. See these listings for further information.

Ocean County

Name: Manahawkin Lake Wetlands

Category: Specific Geographic Area

Location: Stafford Twp., Ocean County

U.S.G.S. Quadrangle(s): West Creek

Resource Value:

- Supports State endangered Pine Barrens treefrog.
- Includes State rare flora species.
- Good population of a federally listed plant species.

Known/Potential

Threats to Resource:

- Severe threat of development, especially in upstream areas.

Comments:

Manahawkin Lake is a component of the Barnegat Bay priority wetlands. All wetlands within the boundaries of the Manahawkin Lake listing are considered priority wetlands.

Ocean County

Name: Manahawkin Swamp

Category: Specific Geographic Area

Location: Stafford Twp., Ocean County

U.S.G.S. Quadrangle(s): Ship Bottom, West Creek

Resource Value:

- o 300 acre site featuring a diversity of wetland habitat interspersed with upland areas.
- o Provides breeding sites for resident barred owls, red shouldered hawks, hooded and prothonary warblers, and acadian flycatchers.
- o Globally and state rare plant species.

Known/Potential

Threats to Resource:

- o Faces development pressure along the western edge.

Comments:

Manahawkin Swamp is a component of the Barnegat Bay priority wetlands. All wetlands within the boundaries of the Manahawkin Swamp listing are considered priority wetlands. The southern portion is listed in the National Registry of Natural Landmarks.

Ocean County

Name: Mullica River wetlands (Overall System)

Category: Specific Geographic Area

Location: Atlantic, Burlington, Camden, and Ocean County

U.S.G.S. Quadrangle(s): Atsion, Brookville, Chatsworth, Clementon, Egg Harbor City, Green Bank, Hammonton, Indian Mills, Jenkins, Medford Lakes, New Gretna, Newtonville, Oceanville, Oswego Lake, Pleasantville, Tuckerton, West Creek, Williamstown, Woodmansie

Resource Value:

- o Large areas of estuarine and palustrine wetlands.
- o An area of high water quality
- o Used as a restoration area for shellfish, especially for shellfish depuration.
- o Features a diversity of game and nongame wildlife.

Known/Potential

Threats to Resource:

- o Extreme pressure to develop the area south of the bay which may negatively impact the area.
- o Geologically within the pinelands.
- o Features a high water table and sandy soils. As a result, the groundwater may be subject to contamination, which could lead to further contamination of estuary.

Comments: All tributary wetlands of the Mullica River system are considered part of this priority listing. Much of the drainage is protected by public lands (e.g. Brigantine NWR, Lebanon and Bass River State Forests, and the Pinelands National Reserve.

Note - The Atlantic Goose Ponds and Oswego River priority wetlands are located within the boundaries of the Mullica River Wetlands listing. See these listings for further information

Ocean County

Name: Reedy Creek/Herring Point Wetlands

Category: Specific Geographic Area

Location: Brick Township, Ocean County

U.S.G.S Quadrangle(s): Point Pleasant

Resource Value:

- Provides critical habitat for numerous bird species, including the state listed great blue heron, little blue heron, osprey, cooper's hawk and barred owl. Heavy avian use during fall and summer migration periods.
- Contains federally endangered, and state protected plant species.
- Provides resident and migratory habitat for between 107-120 species of birds.

Known/Potential

Threats to Resource:

- Residential development.

Comments:

Contains approximately 1,700 acres of forested and coastal wetlands. interspersed with upland areas, providing numerous ecological communities and diverse wildlife habitat. Developmental pressure is greatest in vicinity of forested wetlands. The Reedy Creek/Herring Point listing is a component of the Barnegat Bay priority wetlands. **All wetlands within the boundaries of the Reedy Creek/Herring Point listing are considered priority wetlands.**

Ocean County

Name: Whitesbog

Category: Specific Geographic Area

Location: Pemberton, Burlington County, and
Manchester Twp, Ocean County.

U.S.G.S. Quadrangle(s): Whiting, Browns Mills

Resource Value:

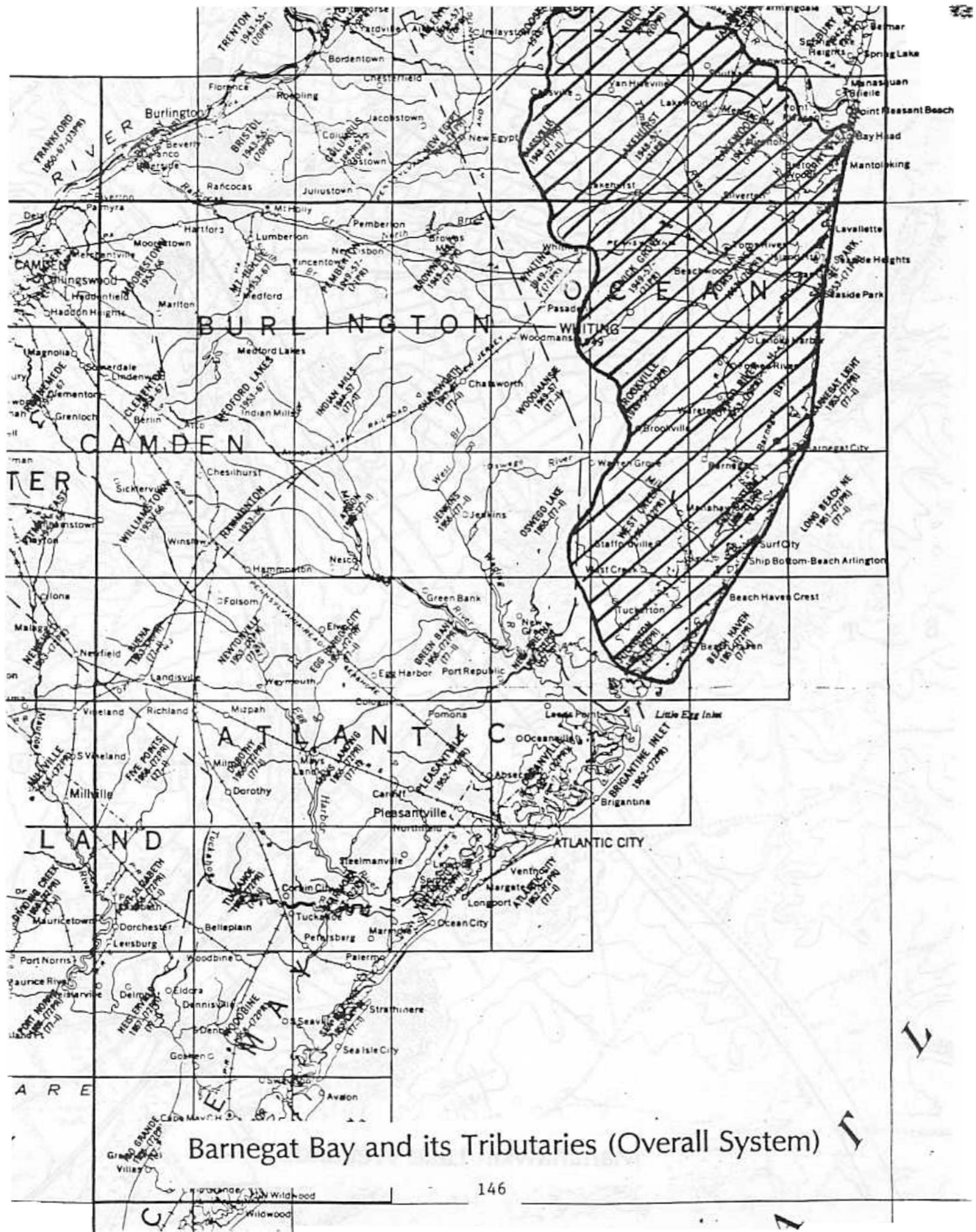
- o Contains two globally imperiled plant species.
- o Several occurrences of globally rare plant and animal species.
- o Concentration of state significant plant and animals.

Known/Potential

Threats to Resource:

- o Roadside management.
- o Recreational development.
- o Collecting.

Comments: Located in the Pinelands National Reserve.





Manahawkin Swamp

Passaic County

Passaic County

Name: Beech Brook Wetlands

Category: Specific Geographic Area

Location: Ringwood Boro and West Milford Twp.,
Passaic County (NJ). Rockland County
(NY).

U.S.G.S. Quadrangle(s): Greenwood Lake

Resource Value: ○ Features a variety of game (bear,
turkey, beaver, otter) and nongame
wildlife, including several state
listed species (timber rattlesnake,
barred owls, Cooper's hawks, and wood
turtles).

**Known/Potential
Threats to Resource:** ○ Development pressure.

Comments: Beech Brook is a component of the
Passaic River Basin listing. All
wetlands within the boundaries of the
Beech Brook listing are considered
priority wetlands.

Passaic County

Name: Passaic River Basin

Category: Specific Geographic Areas

Location: Northeastern New Jersey (i.e. Bergen, Essex, Hudson, Morris, Passaic, Sussex, Union Counties) and New York (Orange and Rockland Counties).

U.S.G.S. Quadrangle(s): Bernardsville, Boonton, Boundbrook, Caldwell, Chatham, Dover, Franklin, Greenwood Lake, Hackensack, Hamburg, Mendham, Morristown, Newfoundland, Orange, Paterson, Plainfield, Pompton Plains, Ramsey, Roselle, Sloatsburg, Wanaque, Wawayanda, Weehawkin

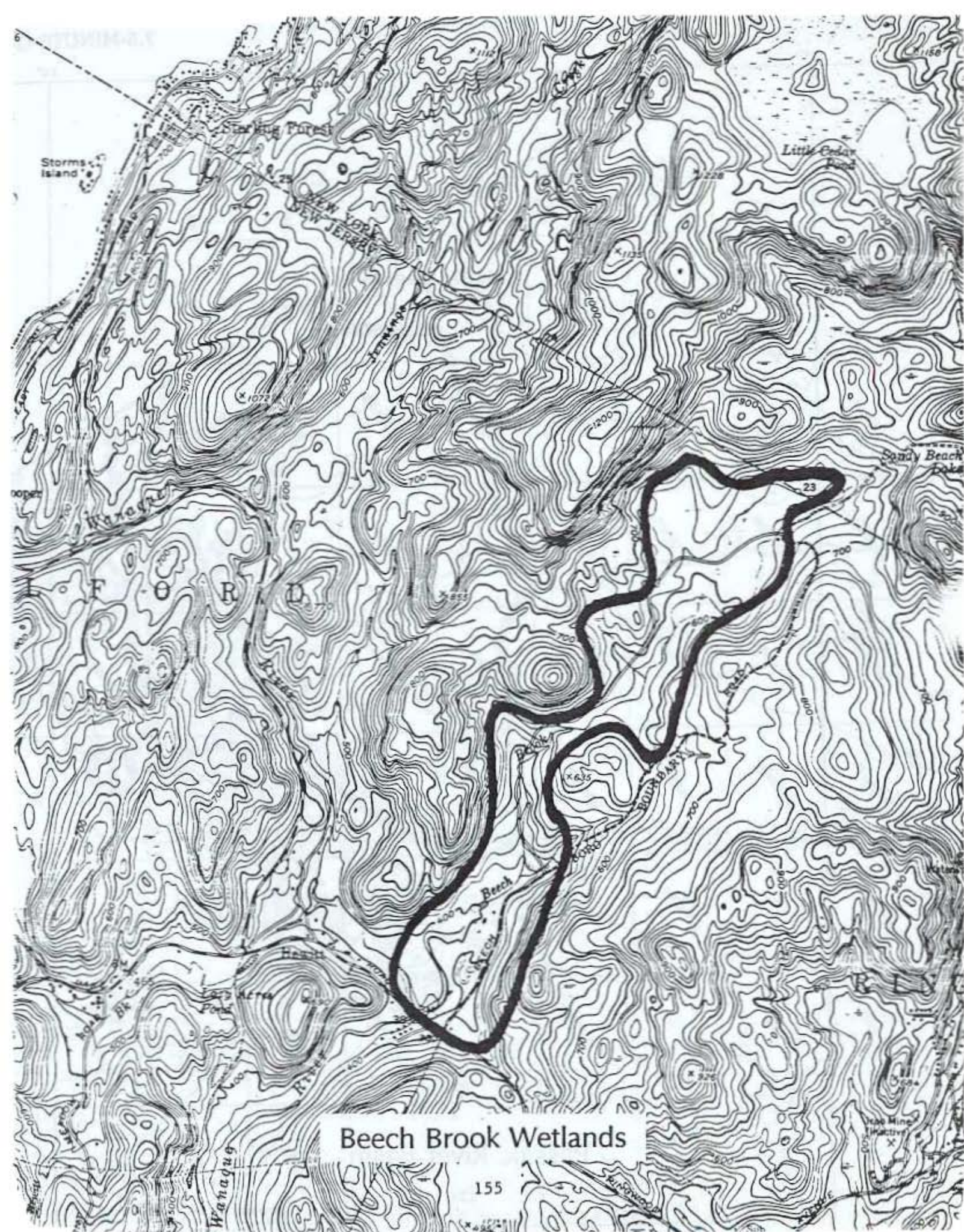
Resource Value:

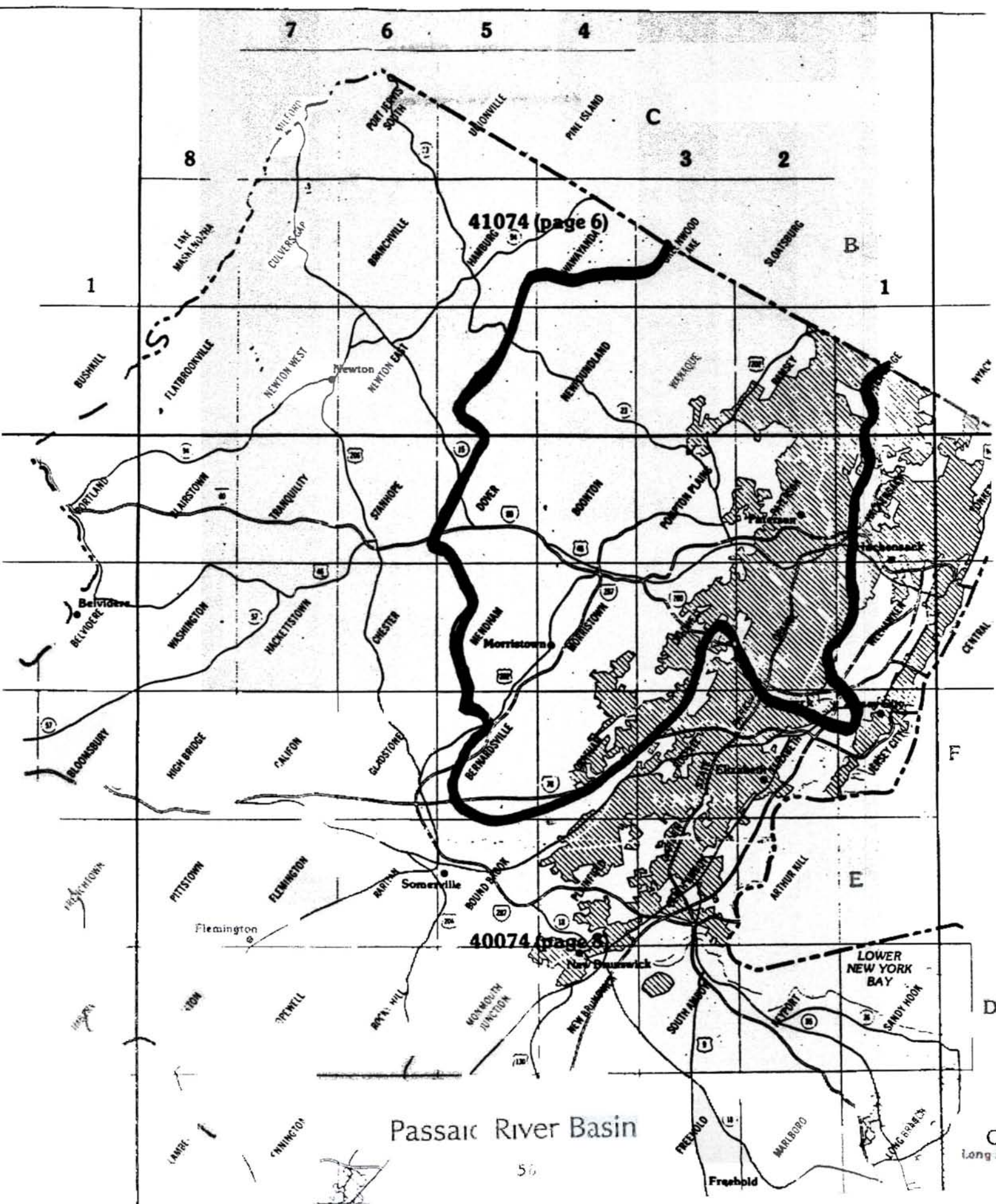
- o Flood control for major rivers and their tributaries.
- o Recreational lakes and water supplies.
- o Important habitat for waterfowl, raptors, passerines, herptiles, furbearers, and fish, including various state and federally listed species.

Known/Potential Threats to Resource:

- o Proposed Passaic River tunnel project, New York ACOE.
- o Urbanization.
- o Routes 46, 10, 80, and 24 run through these wetlands and have had major impacts.
- o Encroachment and the continuation of filling in flood zone areas.

Comments: This listing applies to all wetlands within the Passaic River Basin except for isolated wetlands which occur outside of the 100 year floodplain, as defined by either the Federal Emergency Management Agency's 100 year flood elevation or the New Jersey 100 year flood elevation, whichever is higher. The Passaic River drains 935 square miles of New Jersey and New York. Average annual population growth is estimated at 0.34% and 2.50% for the upper and lower portions respectively. **Note** - The Beech Brook, Big Pine Swamp and Washington Valley priority wetlands are located within the boundaries of the Passaic River Basin listing. See these listings for further information.





Passaic River Basin

Salem County

Salem County

Name: Majors Run

Category: Specific Geographic Area

Location: Mannington Township, Salem County

U.S.G.S. Quadrangle(s): Penns Grove, Woodstown

Resource Value: ○ Wetlands support one state critically imperiled species.

Known/Potential
Threats to Resource: ○ Development pressure.
 ○ Agricultural run-off.

Name: Mannington Meadows

Category: Specific Geographic Area

Location: Mannington and Lower Penns Neck Twps
Salem County

U.S.G.S. Quadrangle(s): Penns Grove, Salem

Resource Value: ○ Important wintering and breeding bald eagle area. May soon feature breeding activity.
 ○ Offers important waterfowl habitat.
 ○ Features state endangered pied-billed grebe.

Known/Potential
Threats to Resource: ○ Development related impacts from adjacent communities.

Salem County

Name: Maurice River System: Maurice River, Manumuskin Creek, Manatico Creek, and Muskee Creek

Category: Specific Geographic Area

Location: Atlantic, Cumberland, Gloucester, and Salem Counties. Various municipalities.

U.S.G.S. Quadrangle(s): Bridgeton, Buena, Cedarville, Dividing Creek, Elmer, Five Points, Heislerville, Milleville, Newfield, Pitman East, Pitman West, Port Elizabeth, Port Norris

Resource Value:

- o Wetlands of this drainage are amongst the most pristine natural areas in New Jersey.
- o Supports major wintering population of the federally endangered bald eagle and provides historically suitable nesting habitat for this species, which is hoped will once again provide habitat for additional nesting pairs.
- o Other state listed species present include ospreys, red-shouldered hawks, southern gray and pine barrens treefrogs, and barred owls.

Known/Potential

Threats to Resource:

- o Development pressures and human encroachment.

Comments: All Tributary wetlands of the Maurice River system are considered part of this priority listing. Much of the Maurice River and its tributaries have been federally designated as part of the National Wild and Scenic Rivers system.

Note - The Pole Tavern listing is located within the boundaries of the Maurice River priority wetland. See the Pole Tavern listing for further information.

Salem County

Name: Oldmans Creek

Category: Specific Geographic Area

Location: Logan Twp, Gloucester County and
Oldmans, and Woolrich Twps., Salem
County

U.S.G.S. Quadrangle(s): Bridgeport, Marcus Hook, Penns Grove,
Woodstown

Resource Value:

- o 6500 acres of emergent (fresh tidal) and
palustrine forest wetland.
- o Important migration stop-over for
pintail ducks and sora rail.
- o Includes Pendricktown Impoundment, which
features a breeding population of the
pied-billed grebe and other waterfowl.
- o Provides habitat for migratory,
wintering, and recent bald eagle
breeding activity.

**Known/Potential
Threats to Resource:** o Threatened by development.

Name: Pole Tavern

Category: Specific Geographic Area

Location: Upper Pittsgrove Twp., Salem County

U.S.G.S. Quadrangle(s): Elmer

Resource Value:

- o 200 acres palustrine forest.
- o Provides habitat for passerines,
raptors, American woodcock, deer,
squirrels, opossum, raccoon, and smaller
mammals.

**Known/Potential
Threats to Resource:** o Threat of development.

Comments: The Pole Tavern listing is a component
of the Maurice River priority wetlands.
All wetlands within the boundaries of
the Pole Tavern listing are considered
priority wetlands.

Salem County

Name: Riddleton

Category: Specific Geographic Area

Location: Salem County

U.S.G.S. Quadrangle(s): Alloway

Resource Value: ○ Contains one globally rare species and several state rare species.

Known/Potential

Threats to Resource: ○ Development pressure.

Name: Salem River Floodplain

Category: Specific Geographic Area

Location: Pilesgrove Twp., Salem County

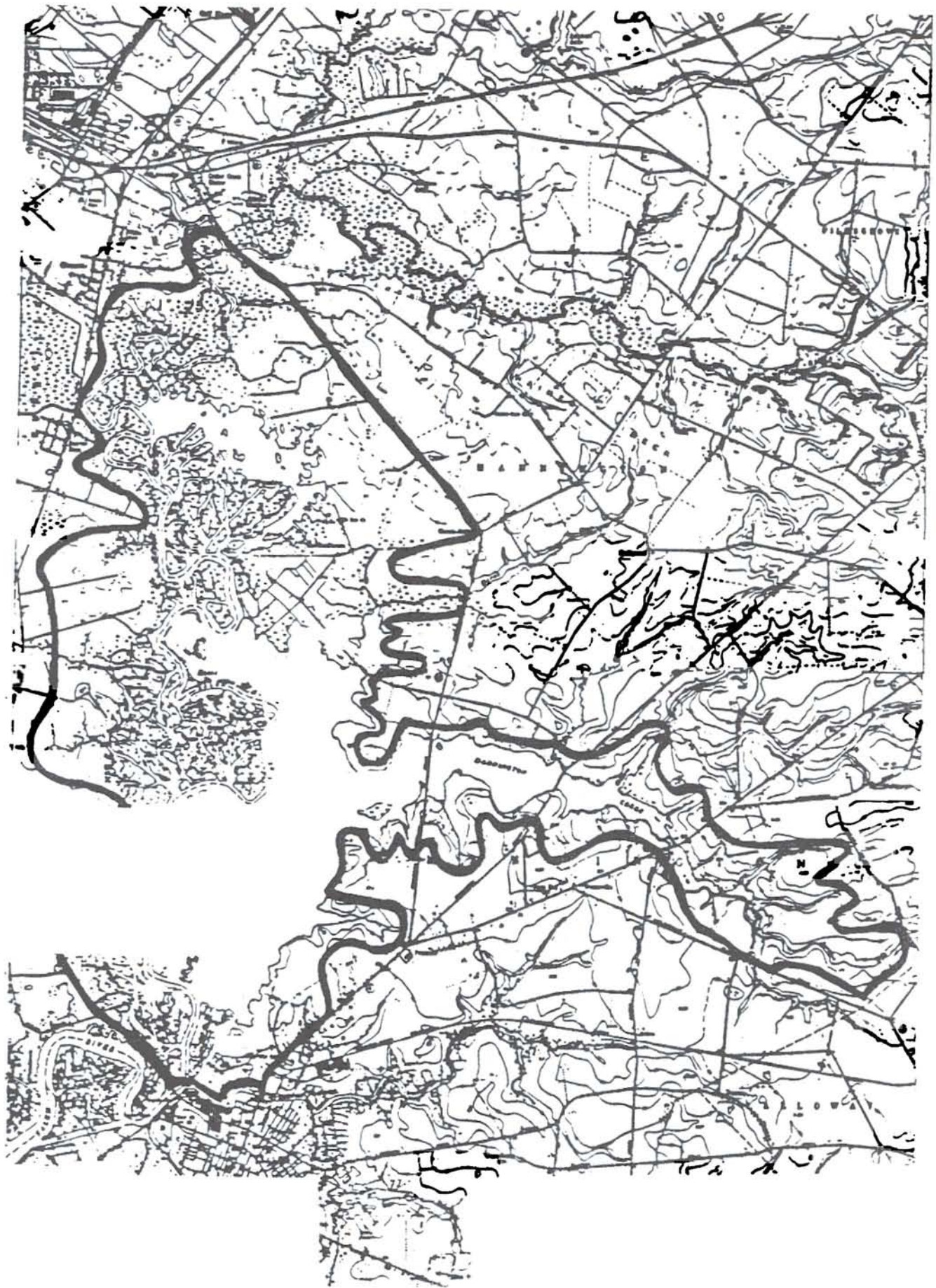
U.S.G.S. Quadrangle(s): Woodstown

Resource Value: ○ Wetlands support state listed bog turtle and several state rare plants.
 ○ Features an exemplary floodplain forest natural community.

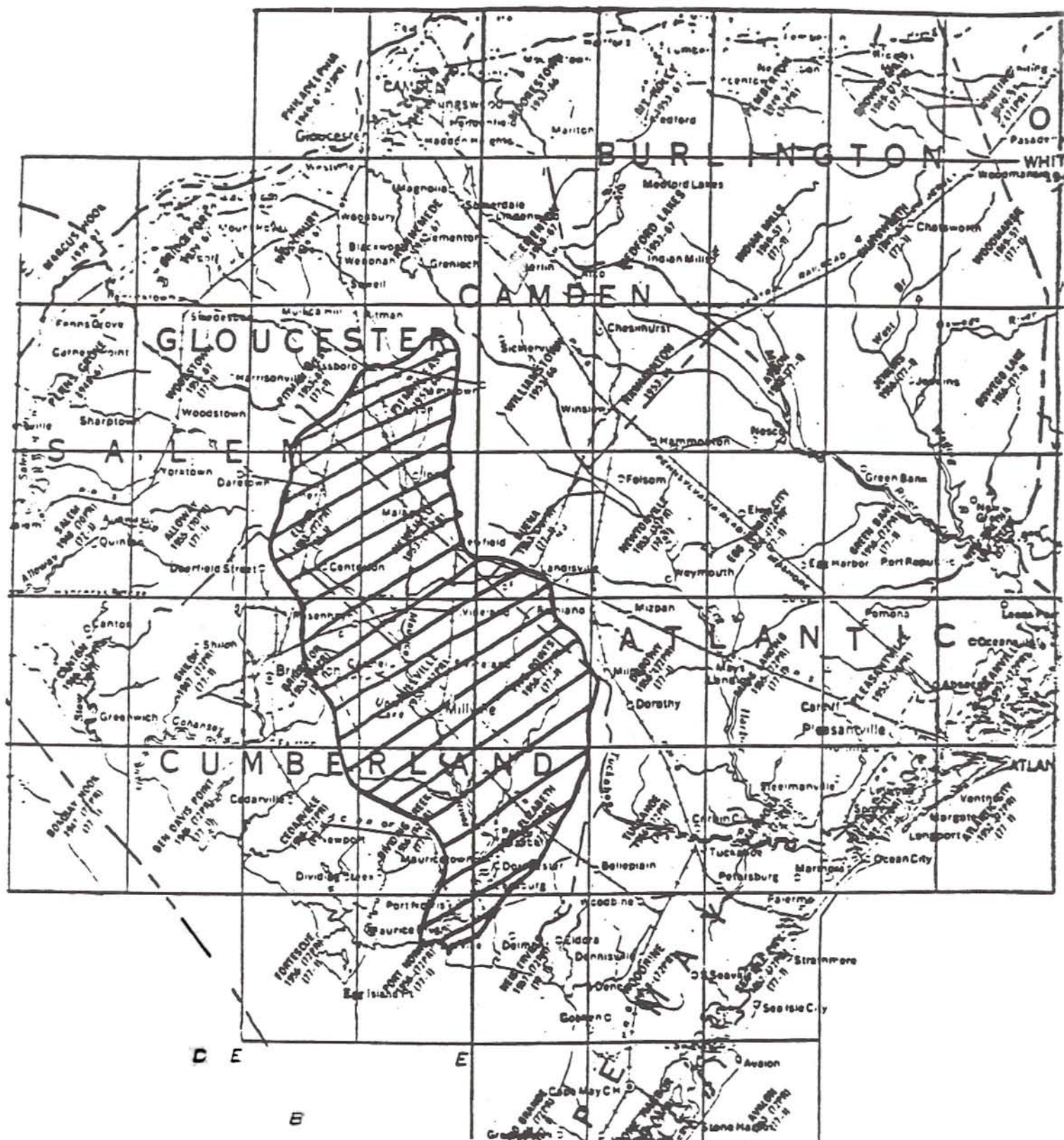
Known/Potential

Threats to Resource: ○ Development pressure.
 ○ Agricultural run-off.

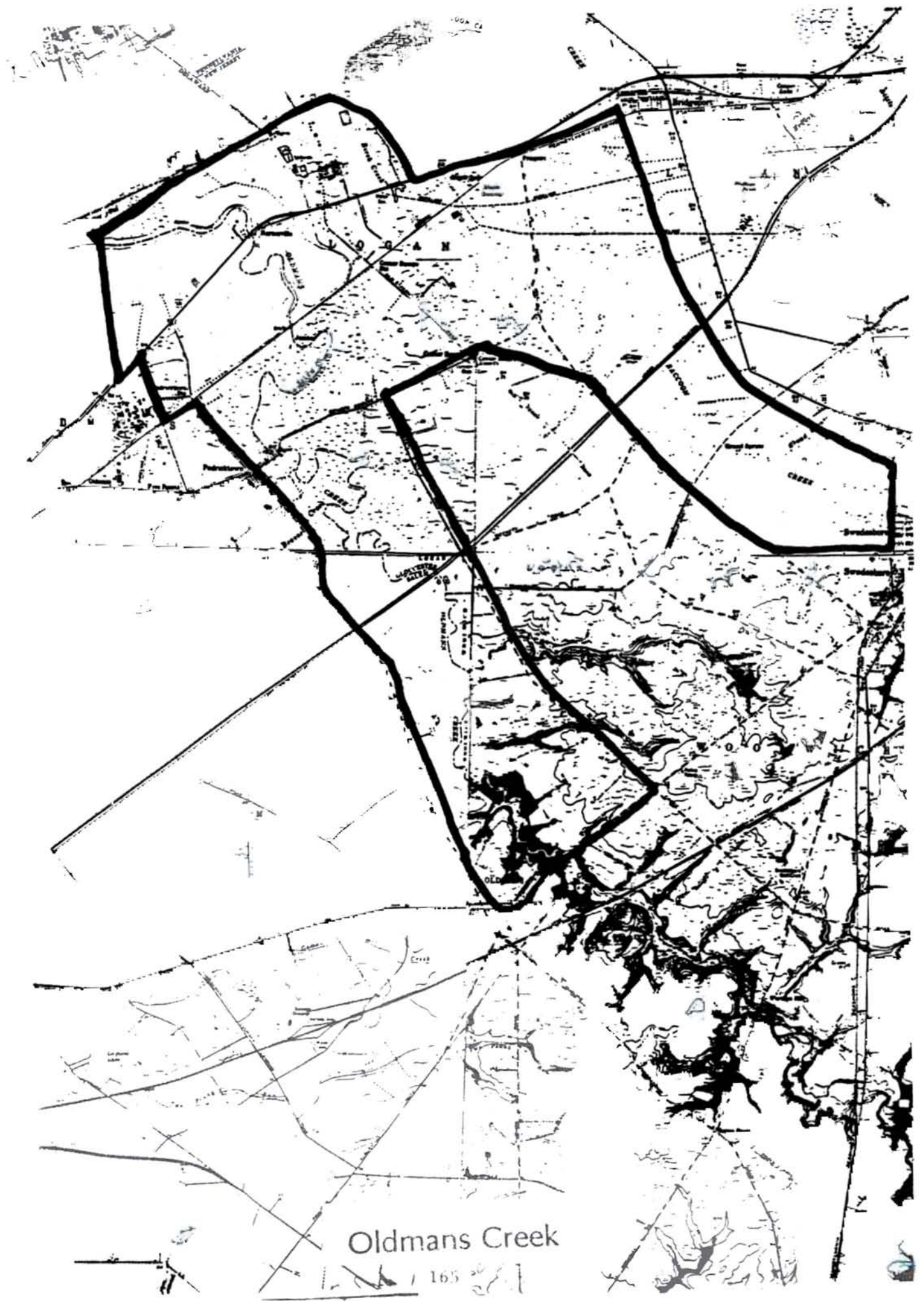


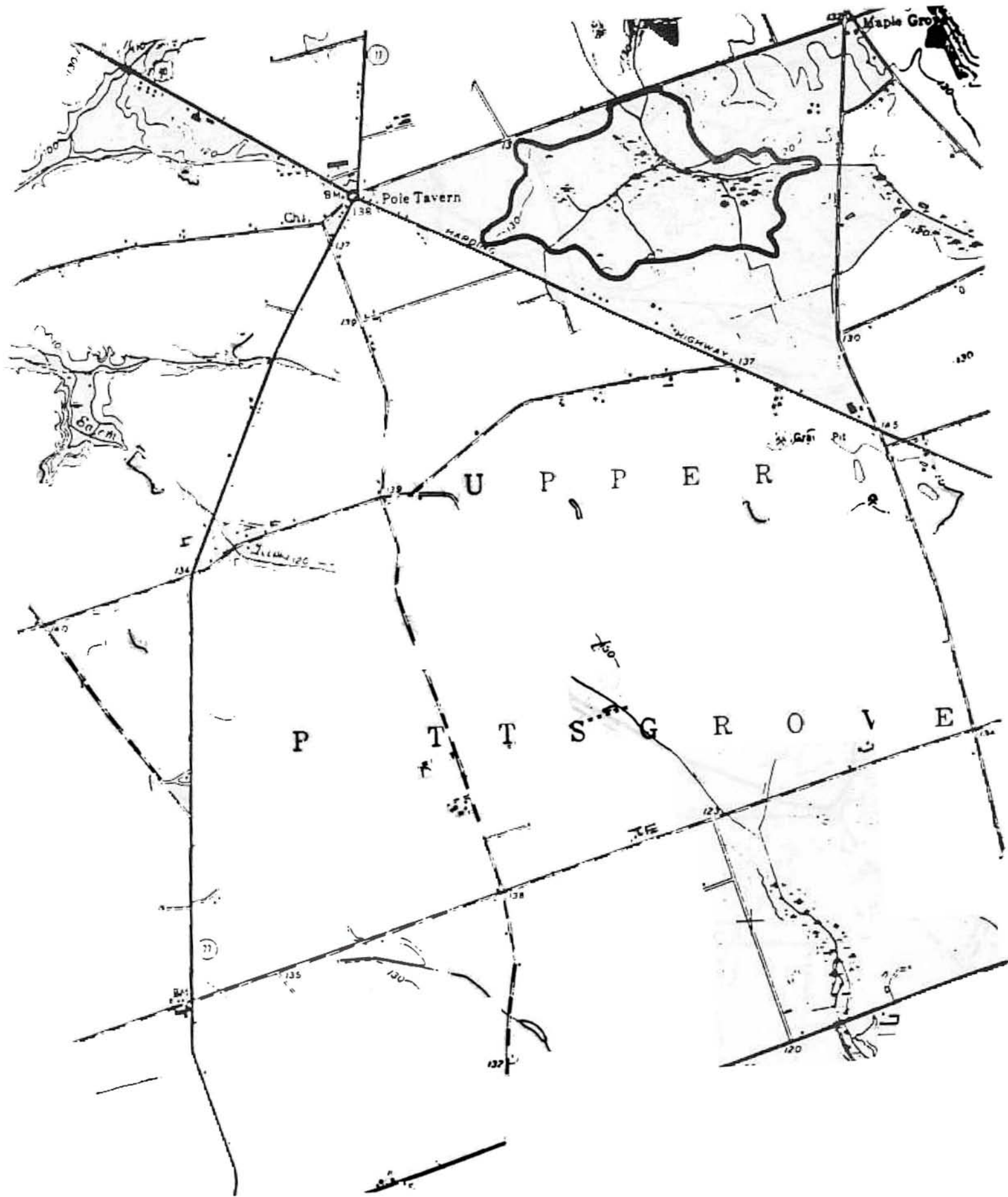


Mannington Meadows
163

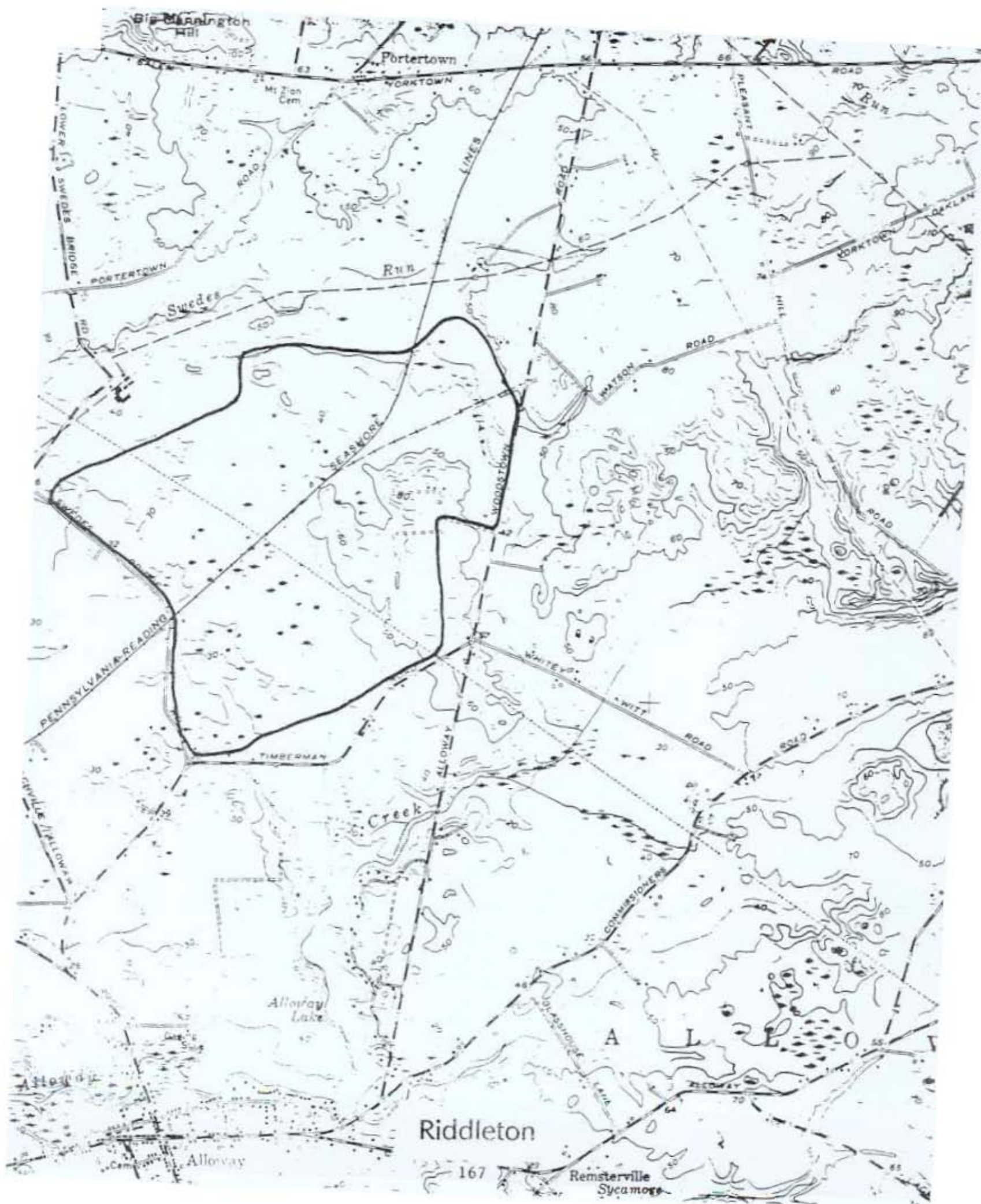


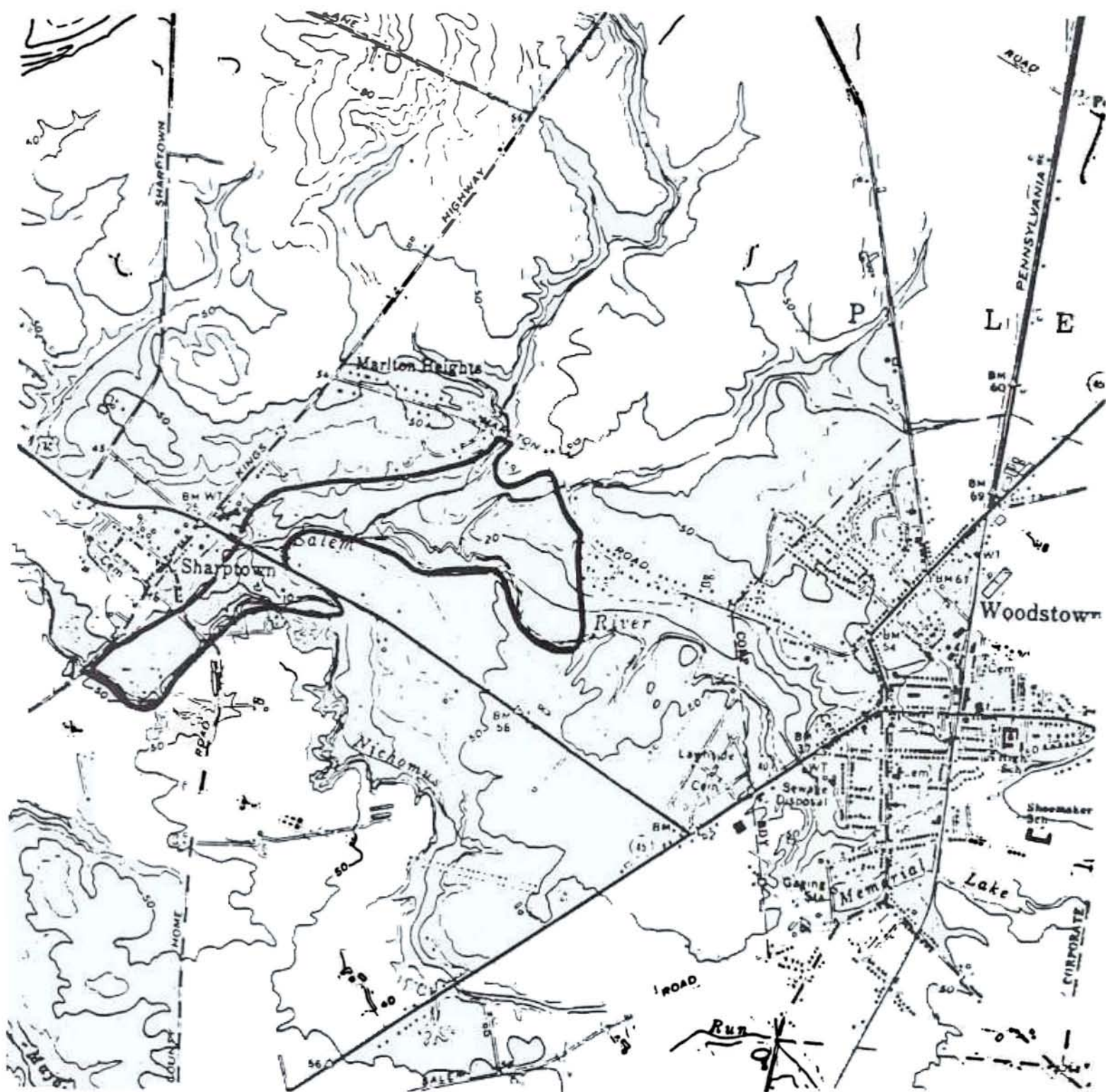
Maurice River System





Po Tavern





Salem River Floodplain

Somerset County

Somerset County

Name: Passaic River Basin

Category: Specific Geographic Areas

Location: Northeastern New Jersey (i.e. Bergen, Essex, Hudson, Morris, Passaic, Somerset, Sussex, Union Counties) and New York (Orange and Rockland Counties)

U.S.G.S. Quadrangle(s): Bernardsville, Boonton, Boundbrook, Caldwell, Chatham, Dover, Franklin, Greenwood Lake, Hackensack, Hamburg, Mendham, Morristown, Newfoundland, Orange, Paterson, Plainfield, Pompton Plains, Ramsey, Roselle, Sloatsburg, Wanaque, Wawayanda, Weehawkin

Resource Value:

- o Flood control.
- o Recreational lakes and water supplies, water quality maintenance.
- o Important habitat for waterfowl, raptors, passerines, herptiles, furbearers, and fish, including various state and federally listed species.

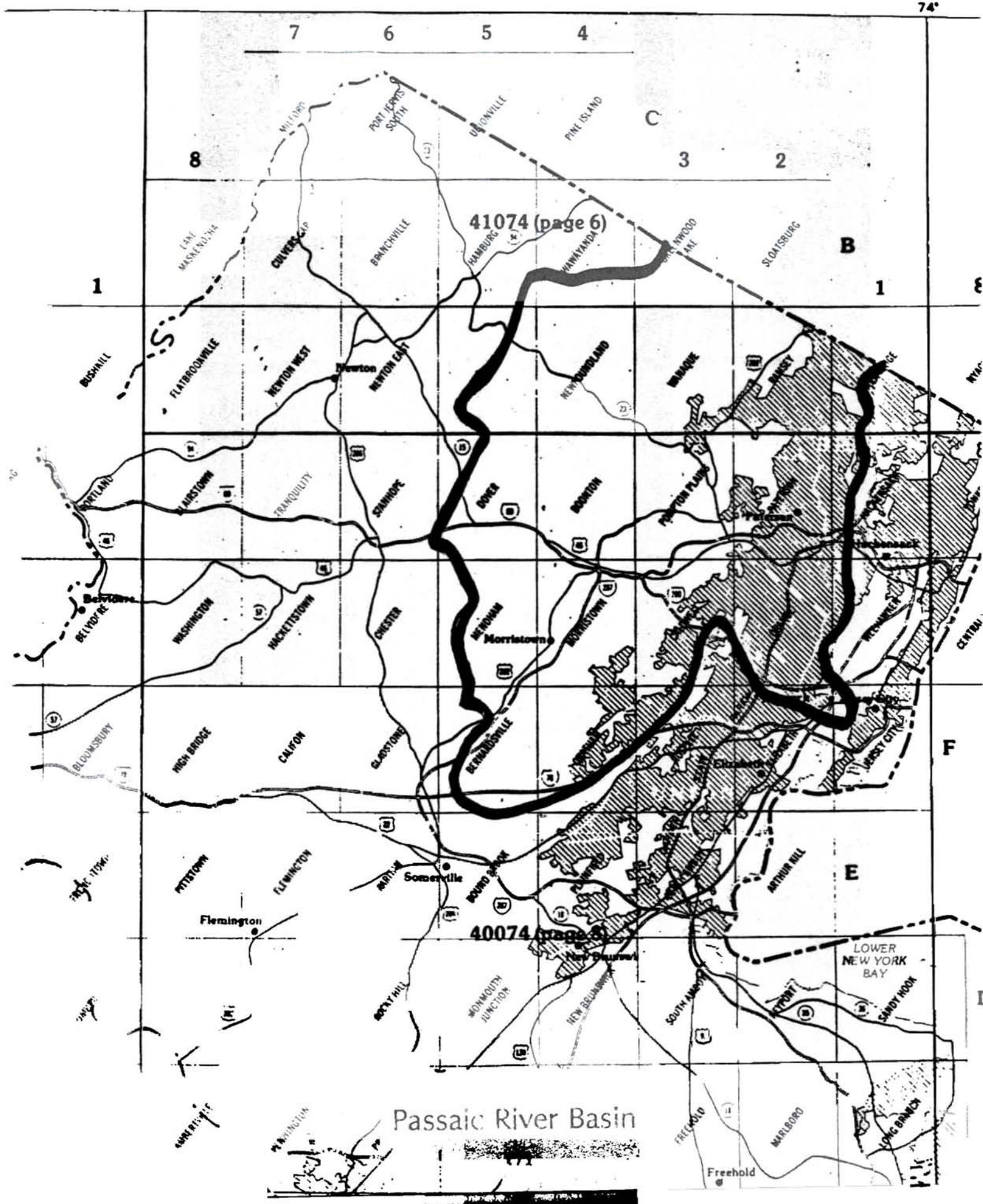
Known/Potential

Threats to Resource:

- o Proposed Passaic River tunnel project, New York ACOE.
- o Urbanization.
- o Routes 46, 10, 80, and 24 run through these wetlands and have had major impacts.
- o Encroachment and the continuation of filling in flood zone areas.

Comments:

This listing applies to all wetlands within the Passaic River Basin except for isolated wetlands which occur outside of the 100 year floodplain, as defined by either the Federal Emergency Management Agency's 100 year flood elevation or the New Jersey 100 year flood elevation, whichever is higher. The Passaic River drains 935 square miles of New Jersey and New York. Average annual population growth is estimated at 0.34% and 2.50% for the upper and lower portions respectively. **Note** - The Beech Brook, Big Pine Swamp and Washington Valley priority wetlands are located within the boundaries of the Passaic River Basin listing. See these listings for further information.



Sussex County

Sussex County

Name: Artic Meadows

Category: Specific Geographic Area
Location: Stillwater Twp., Sussex County
U.S.G.S. Quadrangle(s): Culver's Gap, Newton West
Resource Value: o Exemplary natural community.
 o Two state imperiled plant species.
Known/Potential
Threats to Resource: o Development pressure.

Name: Big Pine Swamp

Category: Specific Geographic Area
Location: Jefferson Township, Morris County;
 Sparta Township, Sussex County
U.S.G.S. Quadrangle(s): Franklin
Resource Value: o Wetland features nesting state listed
 Northern goshawks and Barred owls.
 o Also features a wide variety of breeding
 warblers and other passerines.
Known/Potential
Threats to Resource: o Much is part of Jefferson Sparta
 Preserve. However, inholdings and
 fringe wetland areas continue to be
 threatened by development.

Comments: Big Pine Swamp is a component of the
 Passaic River Basin listing. All
 wetlands within the boundaries of the
 Big Pine Swamp listing are considered
 priority wetlands.

Sussex County

Name: Dingmans Ferry Bridge Site

Category: Specific Geographic Area
Location: Sandyston Township, Sussex County
U.S.G.S. Quadrangle(s): Culvers Gap
Resource Value:

- Good example of globally rare wetland natural community.
- Concentration of state imperilled plant species.

Known/Potential Threats to Resource:

- Recreational overuse.

Name: Johnsonburg Swamp

Category: Specific Geographic Area
Location: Frelinghuysen and Green Twps., Sussex and Warren Counties.
U.S.G.S. Quadrangle(s): Blairstown, Tranquility
Resource Value:

- State listed species (longtailed salamander).
- Exemplary rare natural community and several state imperiled flora.

Known/Potential Threats to Resource:

- Development pressure.

Sussex County

Name: Lake Hopatcong Watershed [REVISED AUGUST 10, 1994]

Category: Specific Geographic Area

Location: Jefferson and Roxbury Twps., and Hopatcong and Mount Arlington Boros, Morris County and Byram Twp. Sussex County. Regional wetlands are associated with the waters supplying Lake Hopatcong. Examples include:

1. Mountain Inlet
2. Lees Cove watershed
3. Jaynes Brook watershed
4. Weldon Brook watershed
5. Liffy Island waterway
6. Hopatcong Canals/waterways
7. Beaver Brook watershed
8. Great Cove watershed
9. Mt. Arlington Knolls watershed

U.S.G.S. Quadrangle(s): Dover, Franklin, Stanhope

Resource Value:

- o High water quality, for important fish spawning and public water supply.
- o Wildlife habitat for various game and nongame species, including the state listed barred owl.

Known/Potential

Threats to Resource:

- o Threat of development

Comments: All wetlands associated with the Lake Hopatcong tributary system are considered part of this priority listing.

Sussex County

Name: Mashipicong Island (wetlands in the back channel of the Delaware River).

Category: Specific Geographic Area

Location: Montague Twp., Sussex County

U.S.G.S. Quadrangle(s): Milford, Port Jervis South

Resource Value:

- Largest forested freshwater wetland on the New Jersey side of the Delaware River, north of Trenton.
- Features a diversity of game and nongame wildlife, including several state listed species.
- Used by wintering bald eagles, a federally endangered species.

Known/Potential

Threats to Resource:

- The ACOE has proposed to deforest part of this mature woodland for the Delaware River Ice Jam Project.

Sussex County

Name: Passaic River Basin

Category: Specific Geographic Areas

Location: Northeastern New Jersey (i.e. Bergen, Essex, Hudson, Morris, Passaic, Somerset, Sussex, Union Counties) and New York (Orange and Rockland Counties).

U.S.G.S. Quadrangle(s): Bernardsville, Boonton, Boundbrook, Caldwell, Chatham, Dover, Franklin, Greenwood Lake, Hackensack, Hamburg, Mendham, Morristown, Newfoundland, Orange, Paterson, Plainfield, Pompton Plains, Ramsey, Roselle, Sloatsburg, Wanaque, Wawayanda, Weehawkin

Resource Value:

- o Flood control.
- o Recreational lakes and water supplies, water quality maintenance.
- o Important habitat for waterfowl, raptors, passerines, herptiles, furbearers, and fish, including various state and federally listed species.

Known/Potential Threats to Resource:

- o Proposed Passaic River tunnel project New York ACOE.
- o Urbanization.
- o Routes 46, 10, 80, and 24 run through these wetlands and have had major impacts.
- o Encroachment and the continuation of filling in flood zone areas.

Comments: This listing applies to all wetlands within the Passaic River Basin except for isolated wetlands which occur outside of the 100 year floodplain, as defined by either the Federal Emergency Management Agency's 100th year flood elevation or the New Jersey 100 year flood elevation, whichever is higher. The Passaic River drains 935 square miles of New Jersey and New York. Average annual population growth is estimated at 0.34% and 2.50% for the upper and lower portions respectively. **Note** - The Beech Brook, Big Pine Swamp and Washington Valley priority wetlands are located within the boundaries of the Passaic River Basin listing. See these listings for further information.

Sussex County

Name: Shuster Pond

Category: Specific Geographic Area

Location: Stillwater Twp., Sussex County and
Hardwick Twp., Warren County.

U.S.G.S. Quadrangle(s): Flatbrookville

Resource Value:

- The site contains the largest and best remaining stand of limestone forest in New Jersey.
- The forest, ponds and limestone sinks provide habitat for a number of rare and endangered plants.

Known/Potential

Threats to Resource:

- Heavy development pressure.
- Logging.

Name: Smith Ferry Site

Category: Specific Geographic Area

Location: Wallpack Township, Sussex County

U.S.G.S. Quadrangle(s): Flatbrookville

Resource Value:

- Contains good example of a globally rare natural community.
- Several state significant plant species present.

Known/Potential

Threats to Resource:

- Recreational overuse.

Sussex County

Name: Sussex County Regional Wetlands

Category: Specific Geographic Areas

Location: Andover, Byram, Frankford, Green, Hampton, LaFayette, Montague, Newton, Ogdensburg Boro, Sparta, and Vernon Twps., Sussex County

U.S.G.S. Quadrangle(s): Branchville, Culvers Gap, Franklin, Hamburg, Newton East, Newton West, Port Jervis South, Stanhope, Tranquility, Unionville, Waywayanda

Resource Value: Example areas and associated resource values include:

1. Bear Swamp: Important wildlife habitat, preservation of water quality, feeds Lake Owassa and Culver's Lake.
2. Culver's Gap Swamp: Water quality preservation, supports sport fishery, adjacent to trout production stream.
3. Culver's Gap Causeway: See above.
4. Wallkill Valley wetlands: Offers floodwater storage and habitat for various state listed species.
5. Wildcat Brook wetlands: Water quality preservation, flood control.
6. Upper Wallkill Valley wetlands: Preservation of sole municipal water source.
7. Black Creek Swamp: Water quality preservation, flood control.
8. Pochuck Swamp: Flood control
9. Armstrong Bog: Major bog and wood turtle site.
10. Lafayette Meadows: State listed species habitat, flood control, preservation of water quality.

Sussex County

Sussex County Regional Wetlands cont.

11. Lubber's Run: Flood control, fish spawning area.
12. Mill Brook wetlands: Trout production waters.
13. Aeroflex Lake system: Preservation of water quality.
14. Big Spring/Muckshaw Pond area: State listed species, rare flora, flood control, preservation of water quality for Pequest Hatchery.
15. Spirol Road/Plotts Road Swamp: Preservation of water quality, supplies Paulinskill Lake.
16. Upper Paulinskill Lake wetlands: Preservation of water quality, flood control.
17. Germany Flats: State listed species, rare flora, important community at Woodruff's Gap, critical aquifer recharge.
18. Stillwater Station tributary: Native brown trout population.
19. Hyper Humus Swamp: Important wildlife habitat, flood control, preservation of water quality.
20. Buckmire Pond: High quality example of a globally rare wetland natural community. Concentration of state imperilled plant species.
21. Site 564: Contains an excellent population of a globally imperilled species and numerous state endangered plant species.
22. Wolf Lake: Contains state critically imperilled species.

Known/Potential

Threats to Resource: o Most sites face threat from development of adjacent upland areas.

Sussex County

Name: Woodruffs Gap

Category: Specific Geographic Area

Location: Sparta Twp., Sussex County

U.S.G.S. Quadrangle(s): Newton East

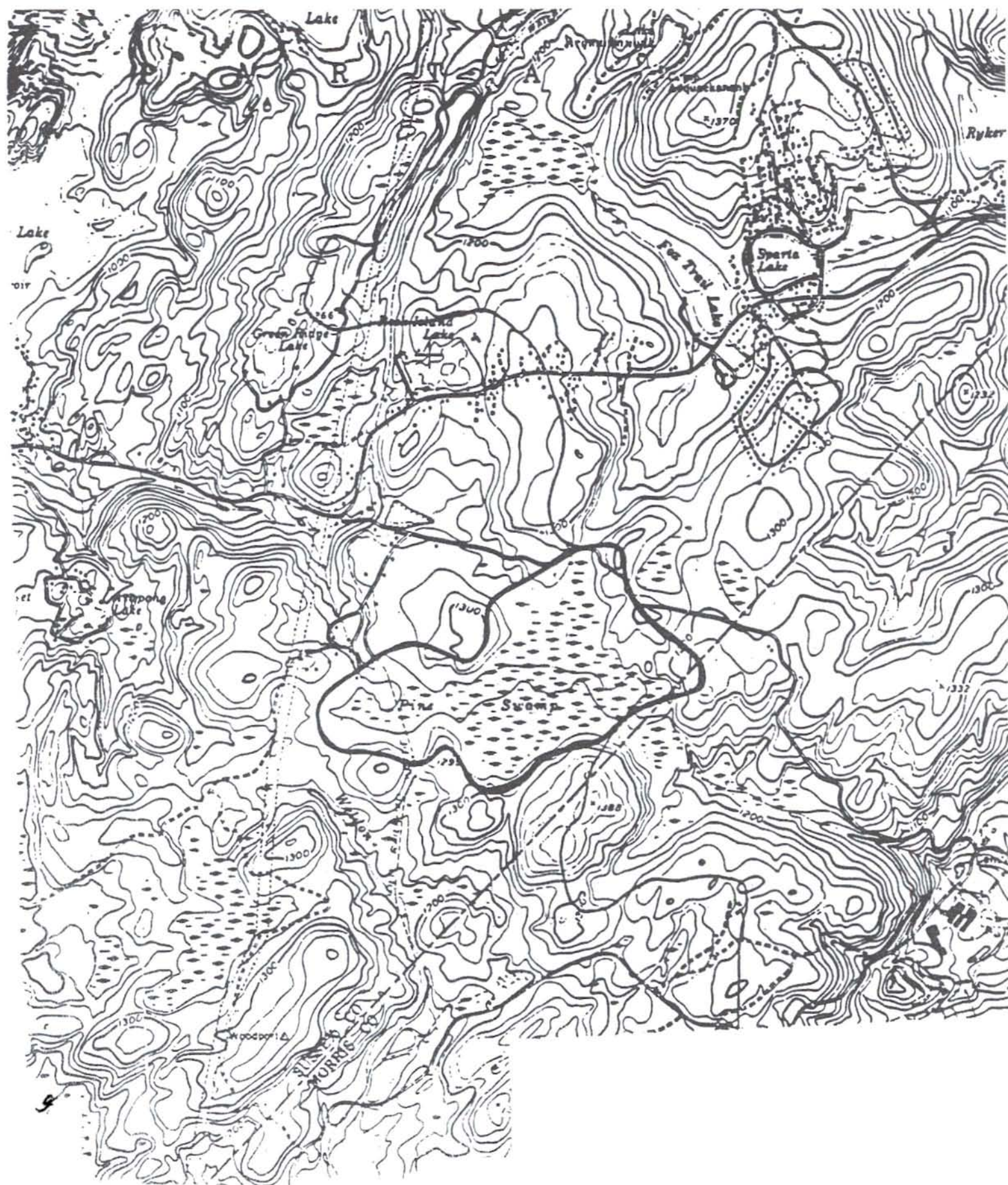
Resource Value: o State endangered bog turtle population.
 o Globally rare plant.

Known/Potential

Threats to Resource: o Threatened by adjacent development.

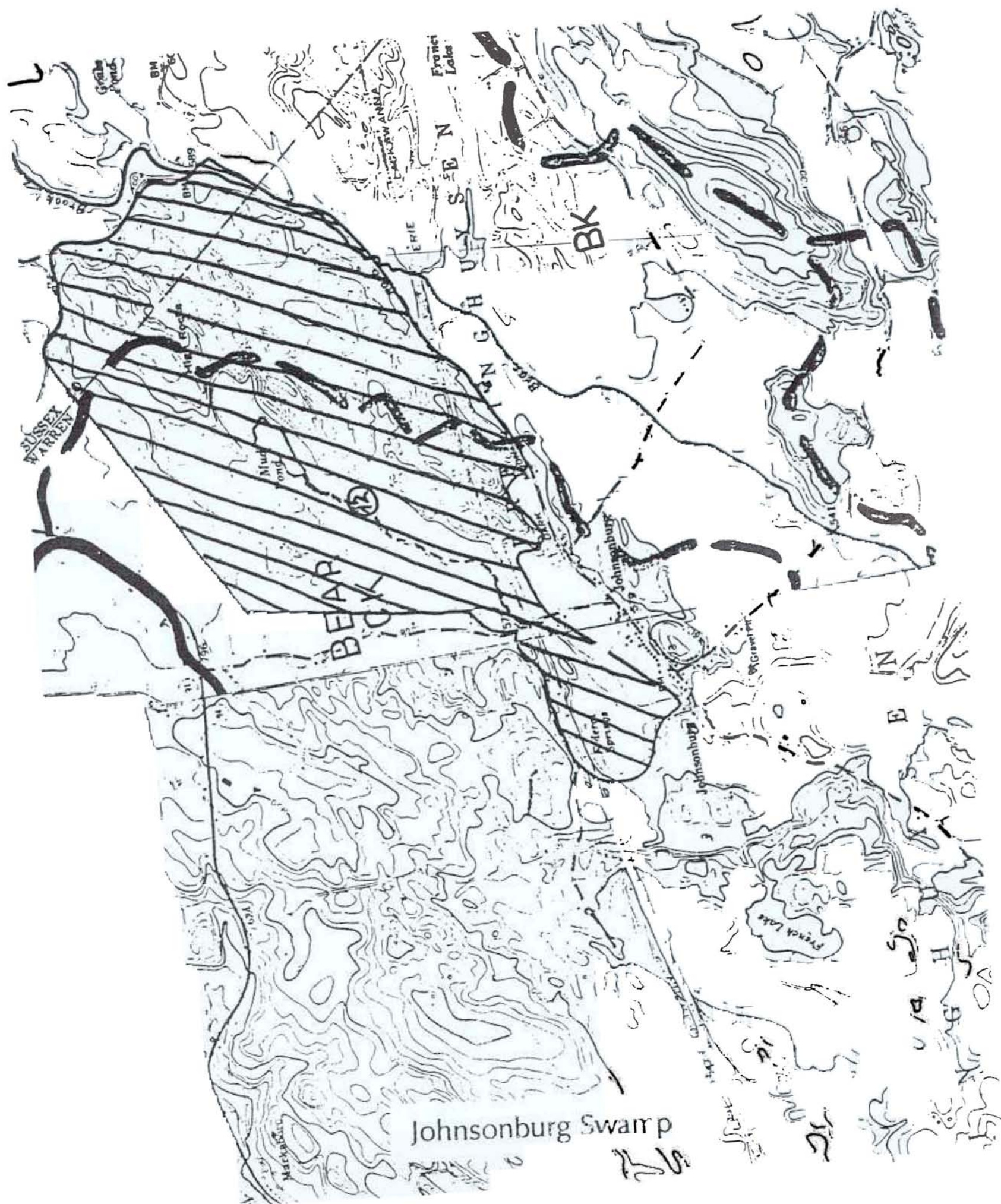


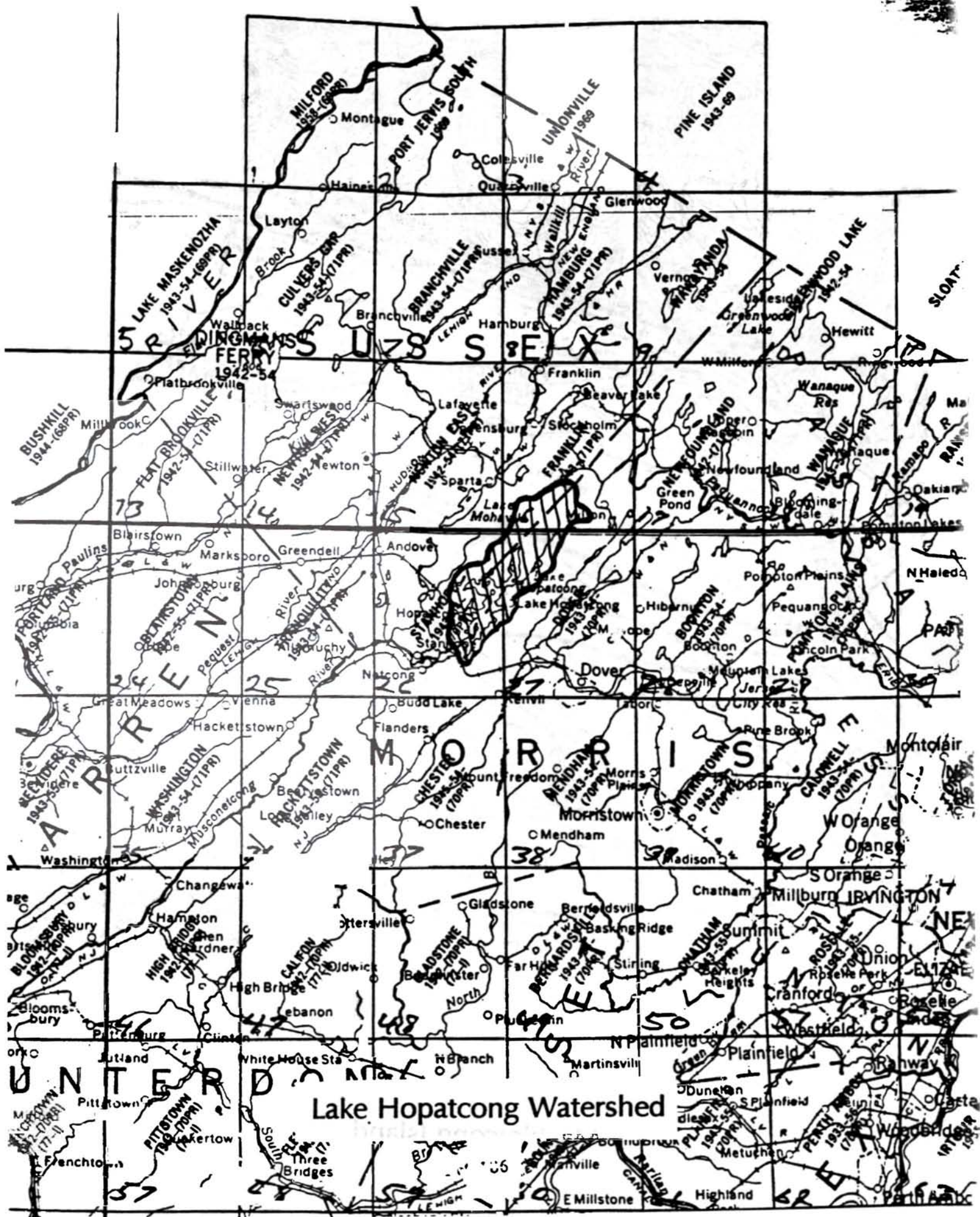
Arctic Meadows



Big Pine Swamp





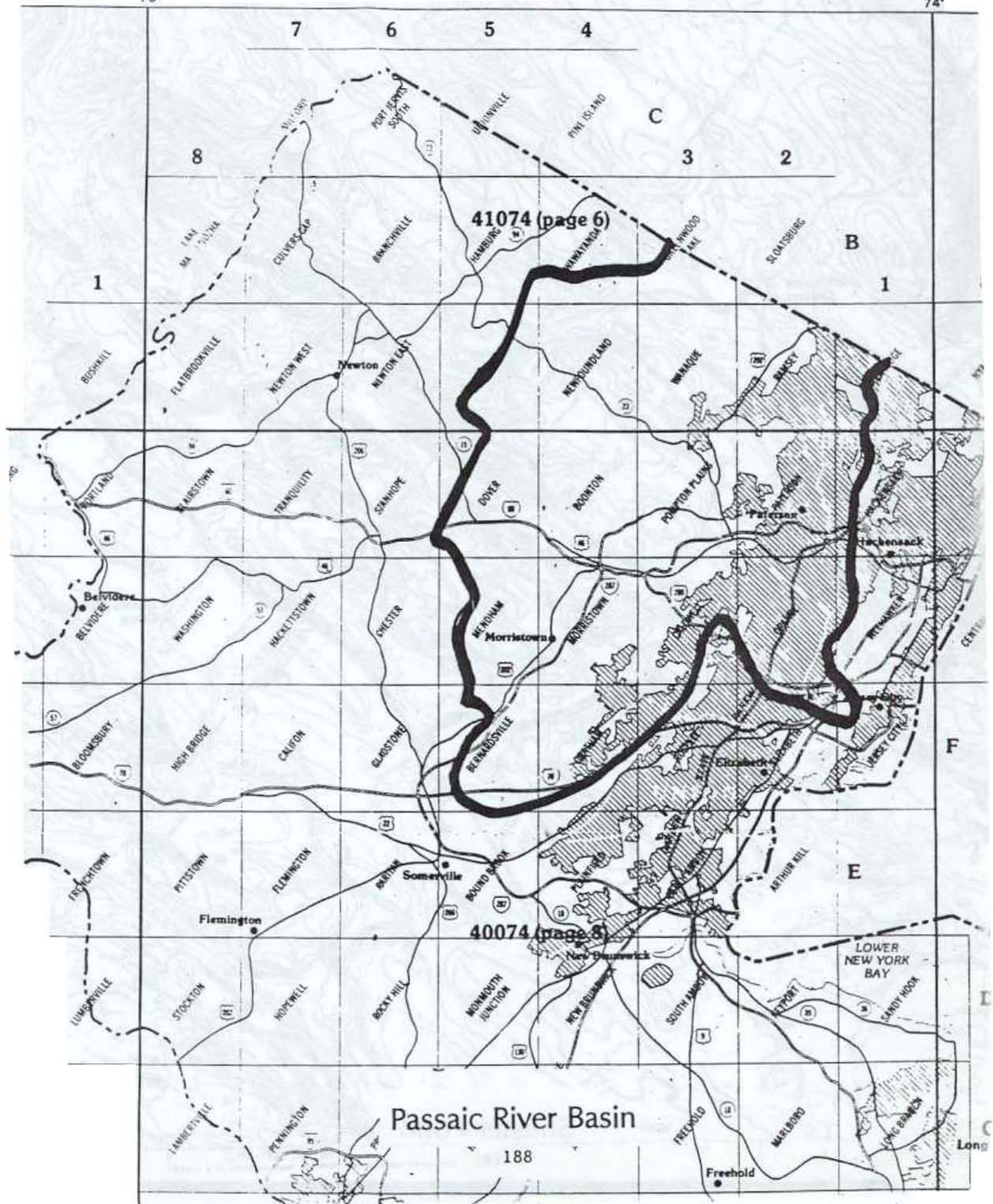




Mashipicong Island

75°

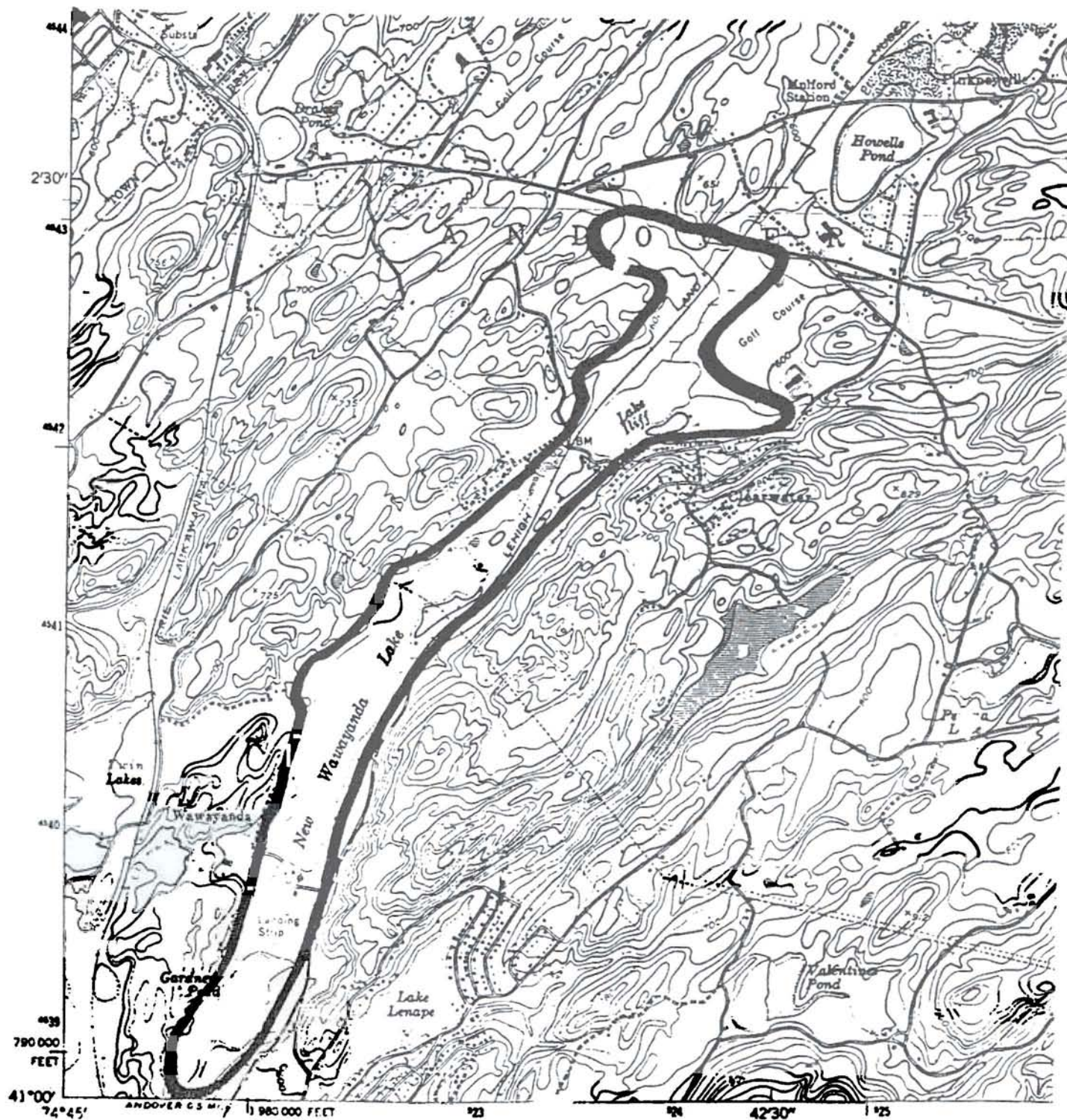
74°



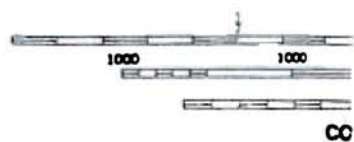
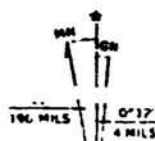




Smith Ferry Site

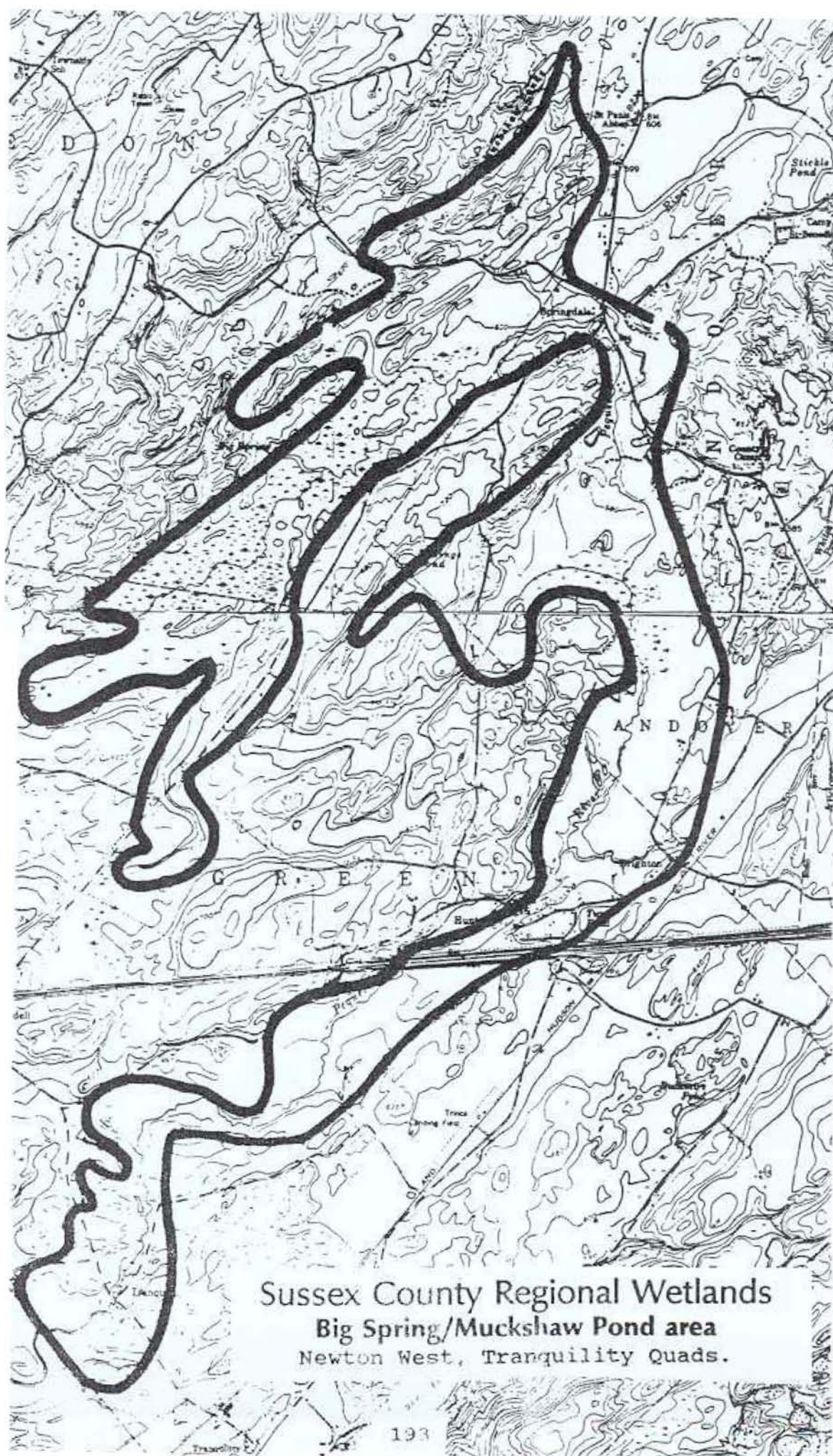


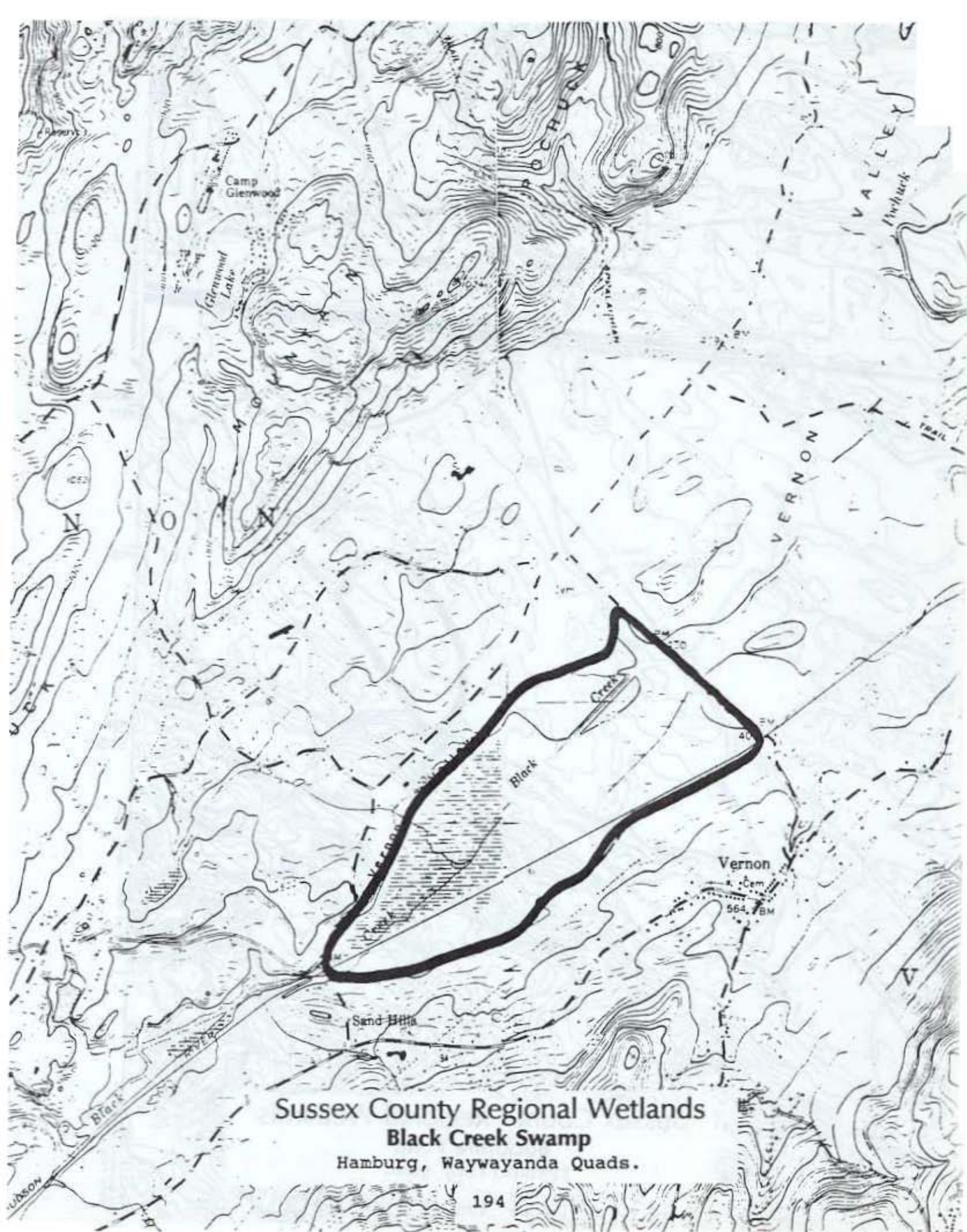
Mapped by the Army Map Service
 Edited and published by the Geological Survey
 Control by USC&GS and New Jersey Geodetic Survey
 Topography from aerial photography by stereo photogrammetric
 methods. Aerial photographs taken 1942
 Culture revised by the Geological Survey 1954
 Polyconic projection. 19

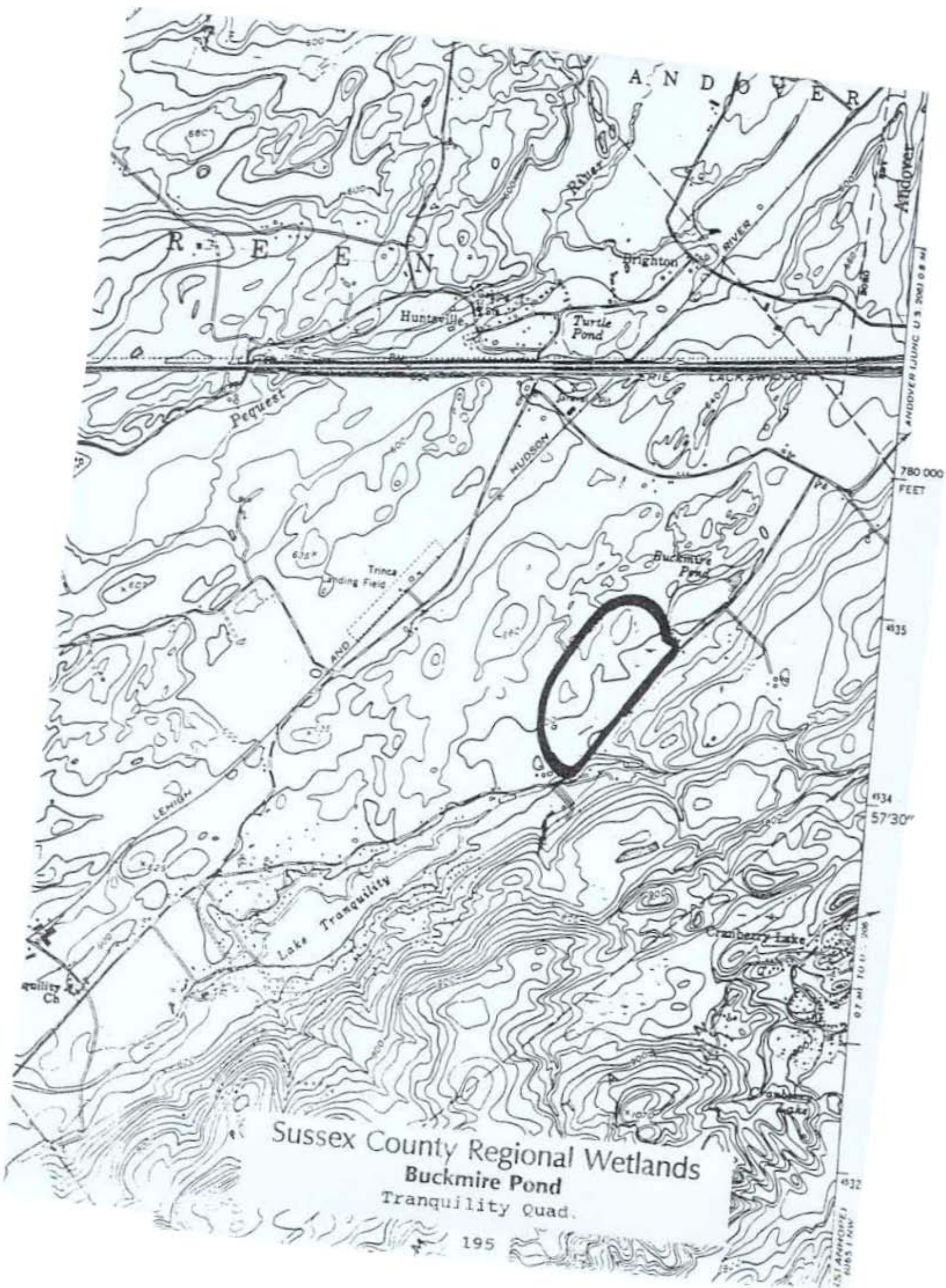


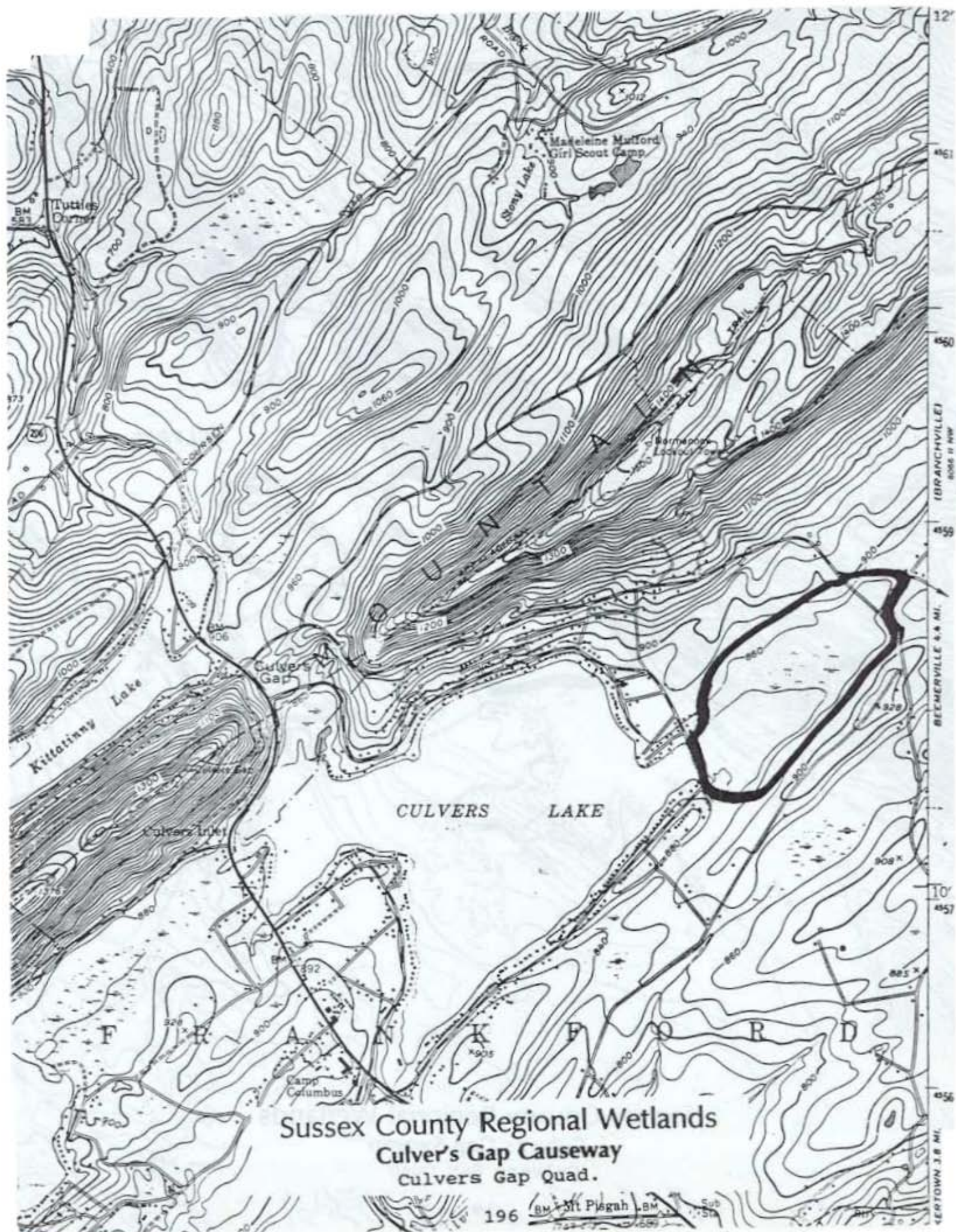
Sussex County Regional Wetlands Aeroflex Lake system Newton East Quad.

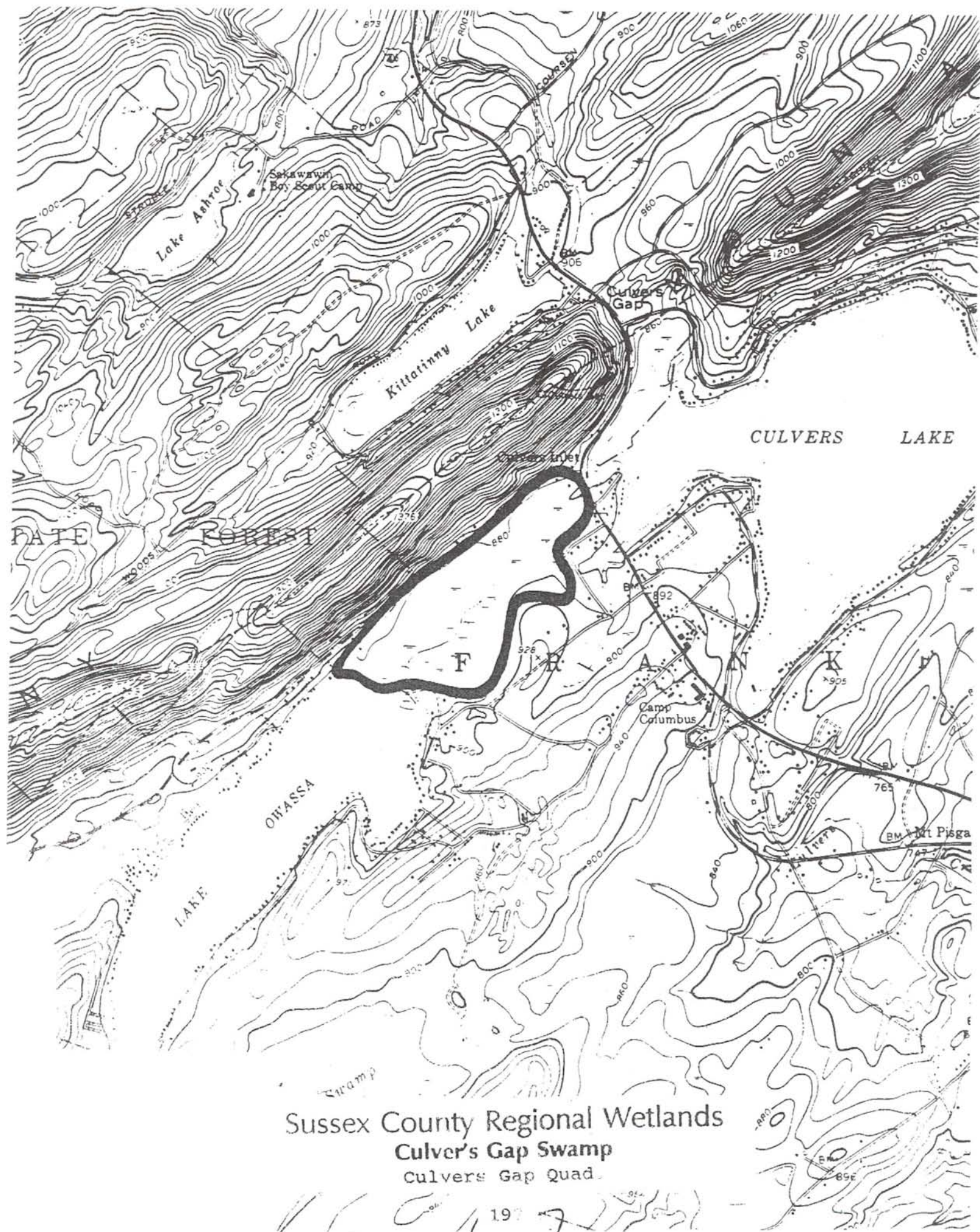


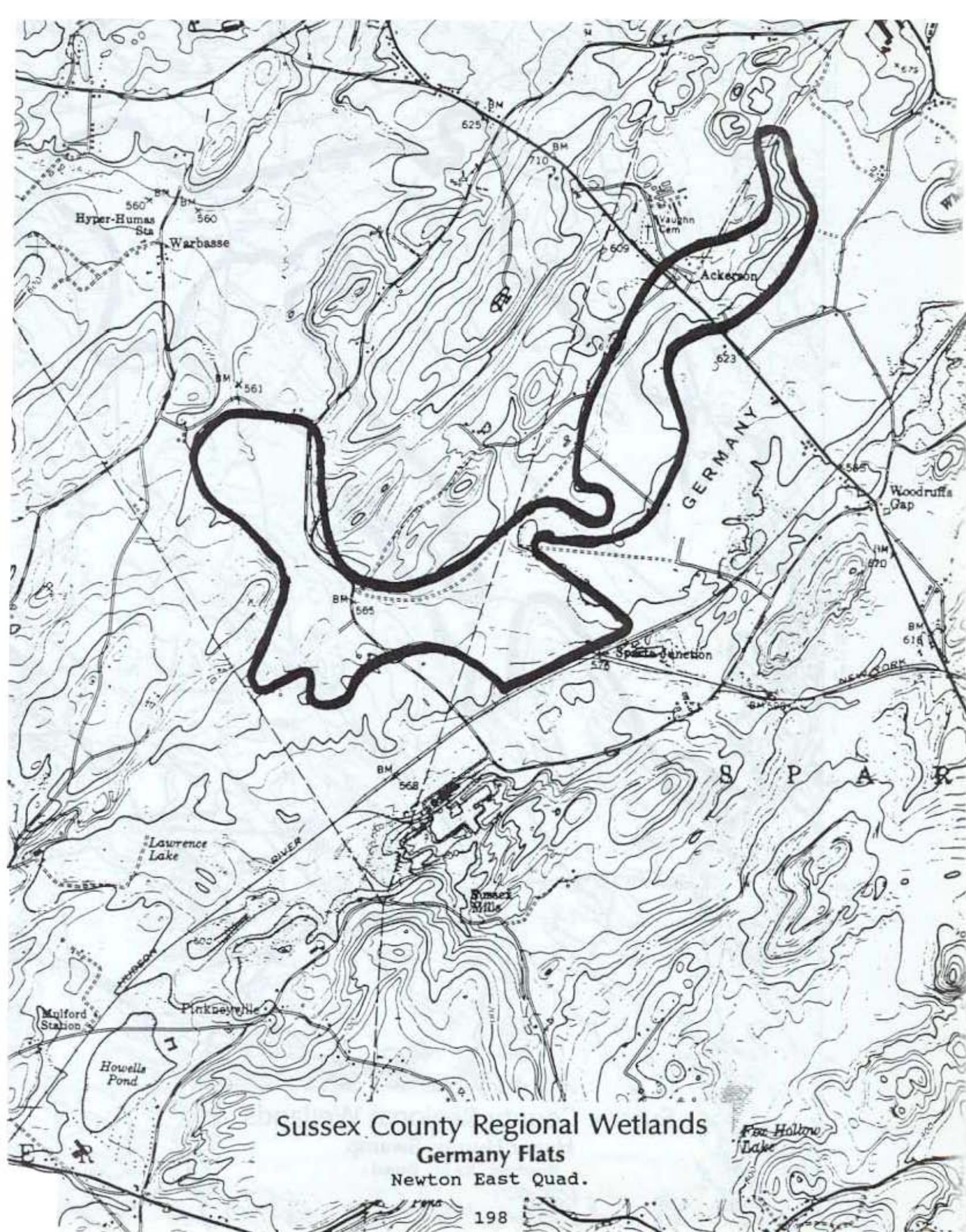




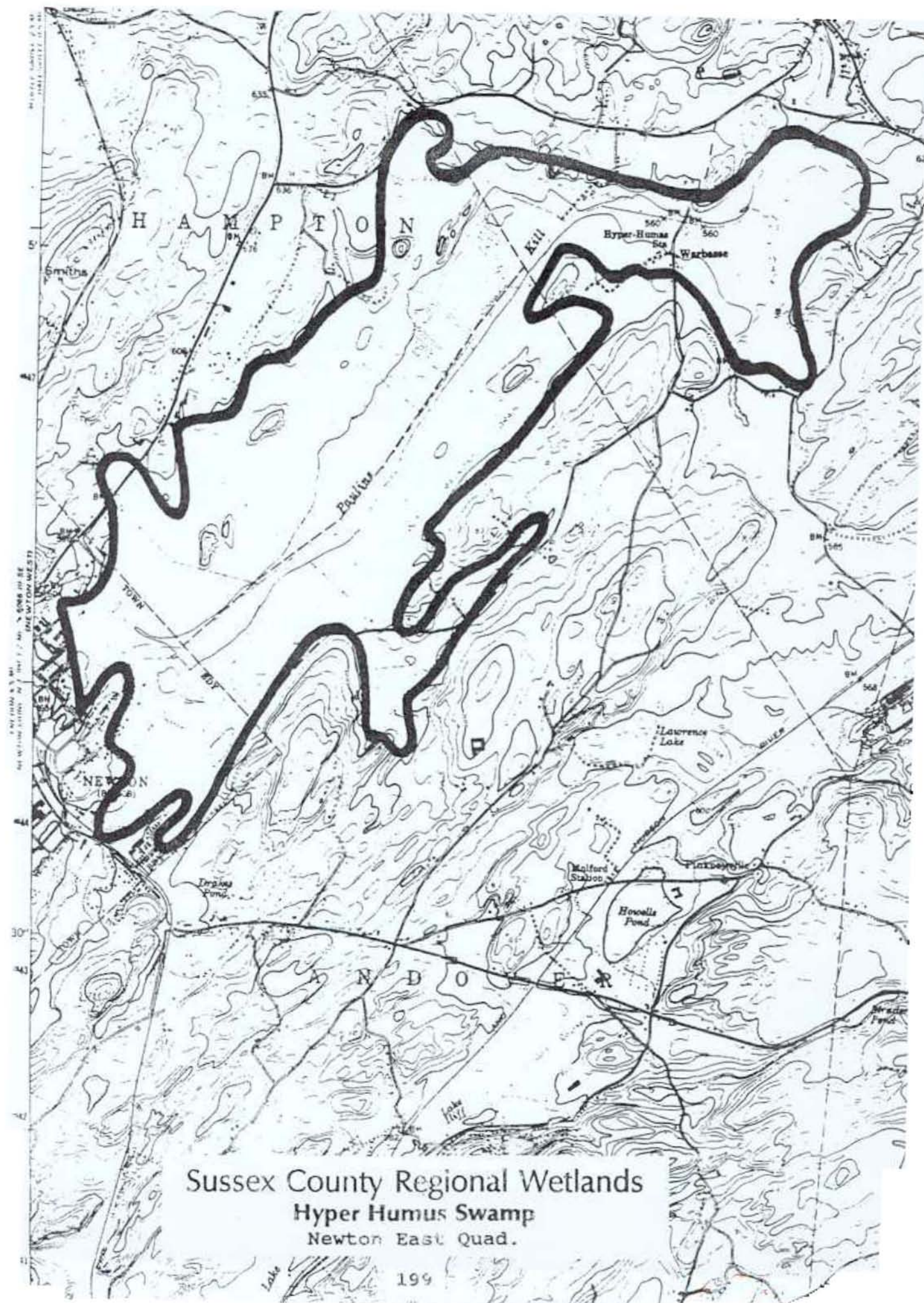


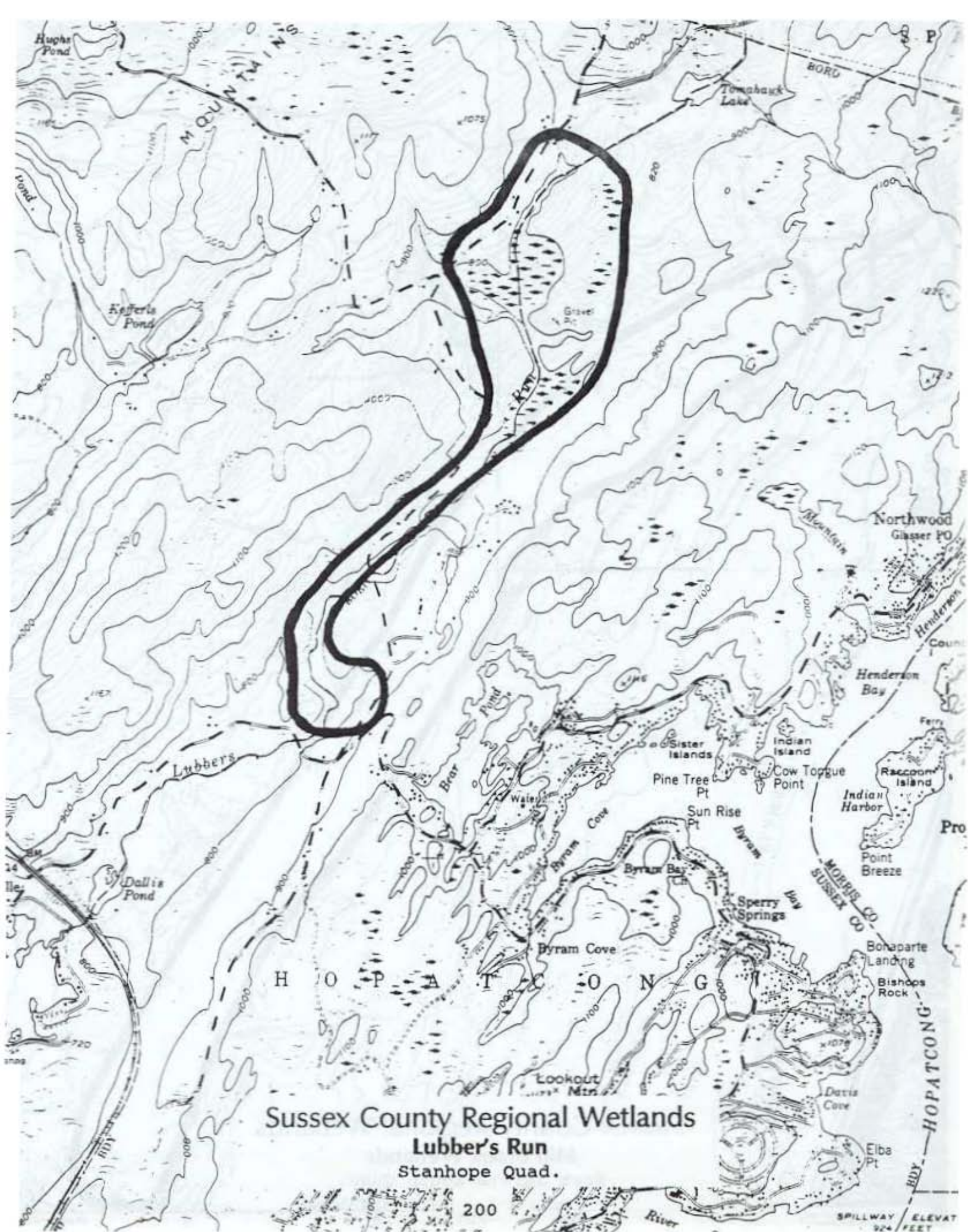


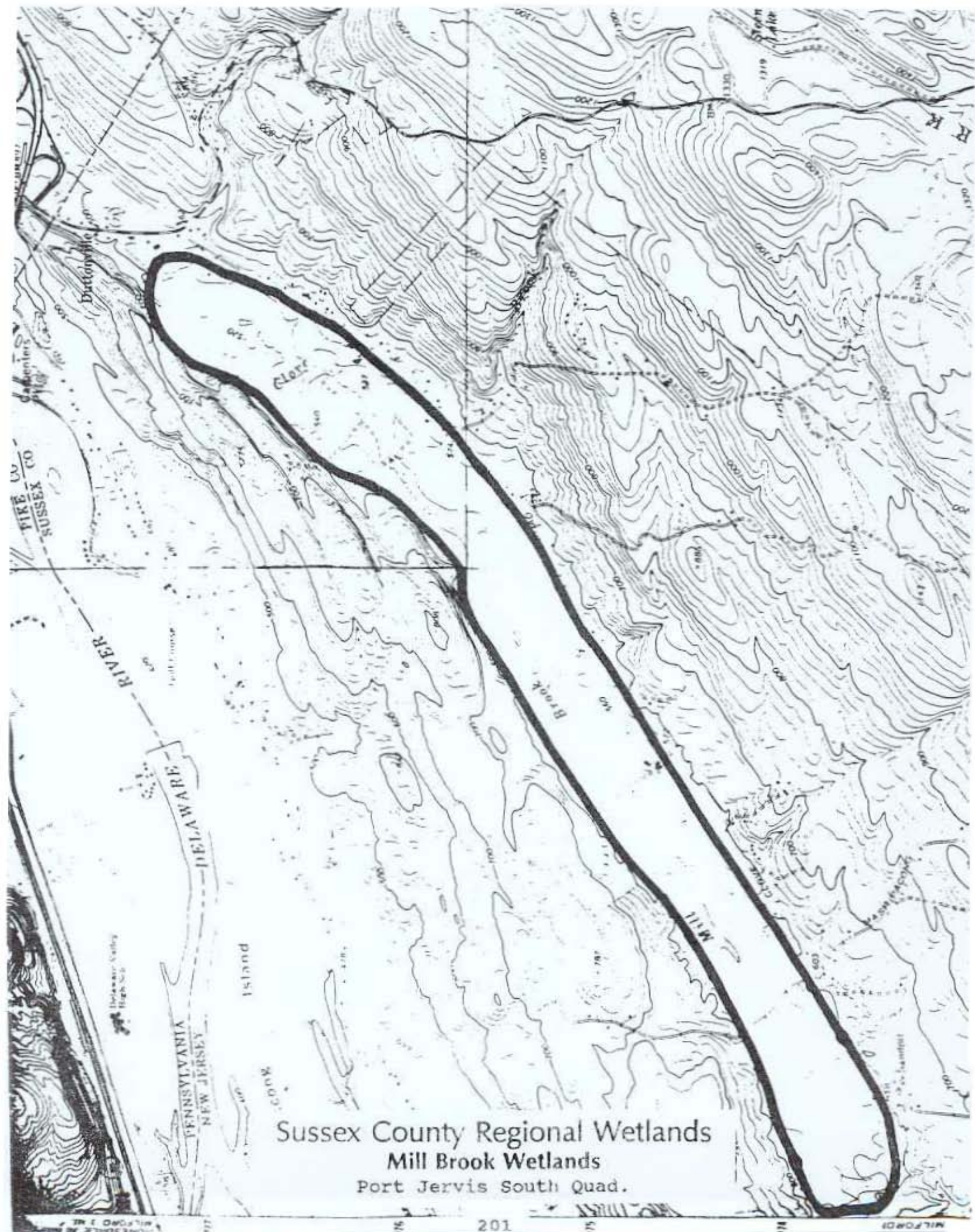




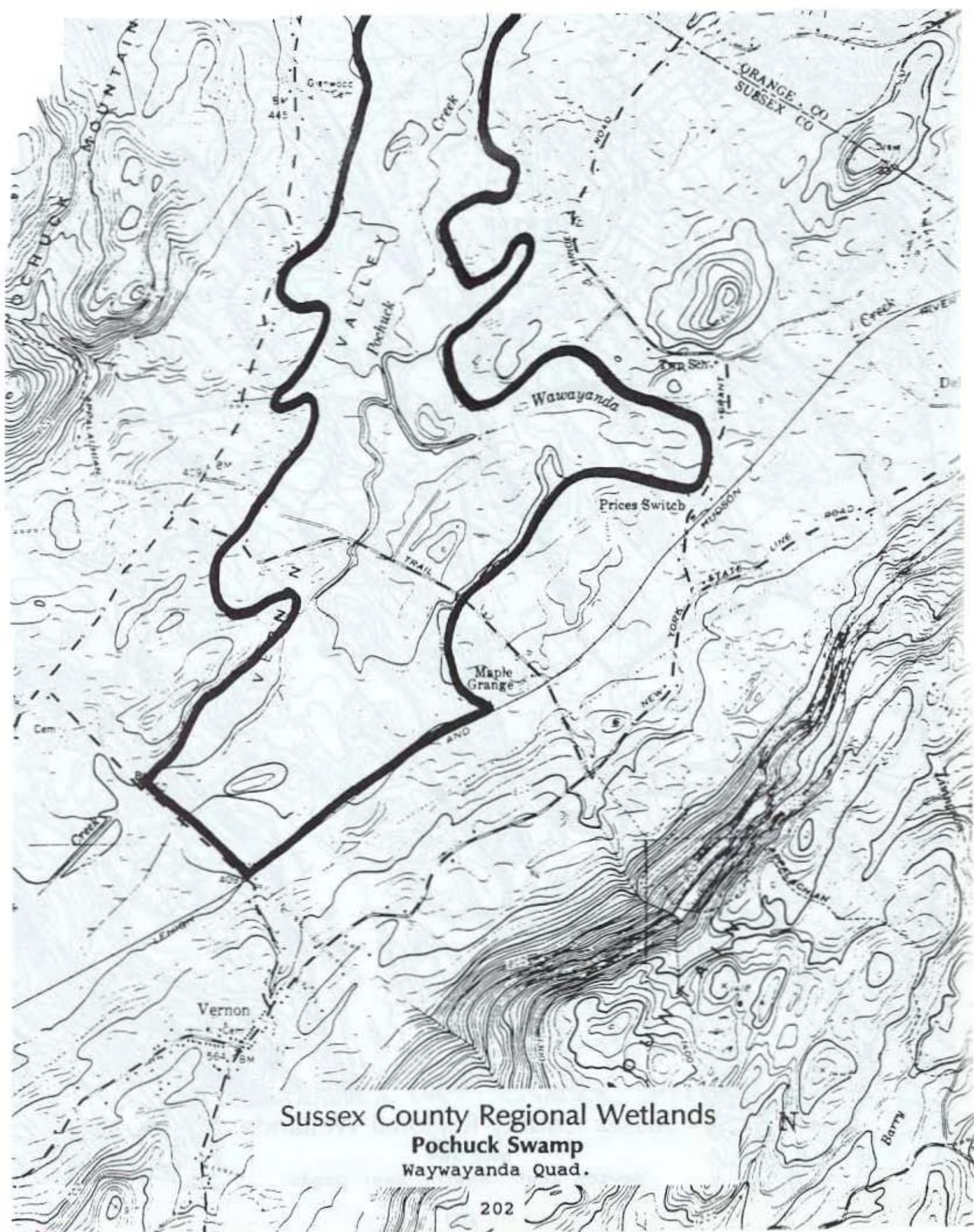
Sussex County Regional Wetlands
Germany Flats
Newton East Quad.

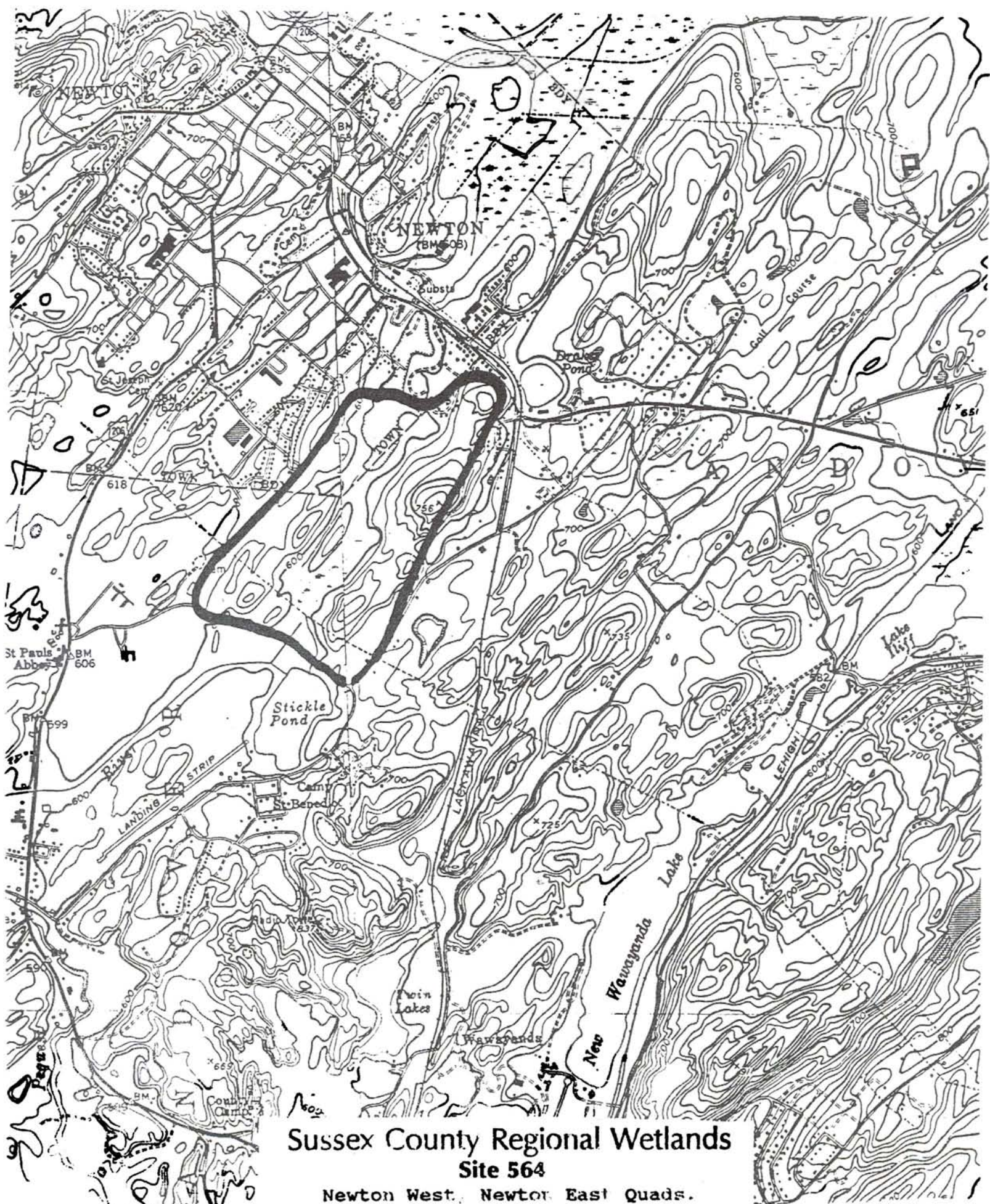






Sussex County Regional Wetlands
Mill Brook Wetlands
Port Jervis South Quad.

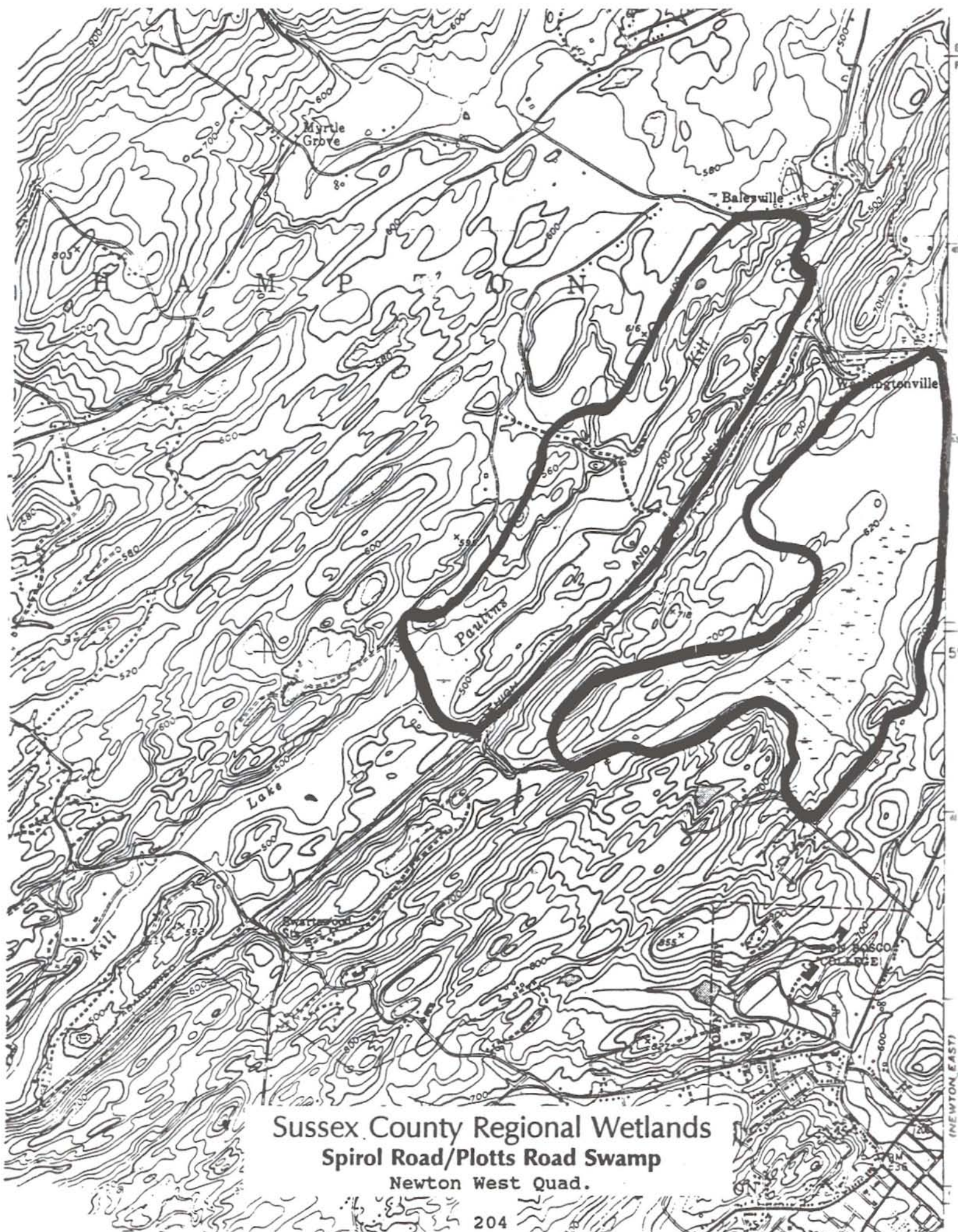




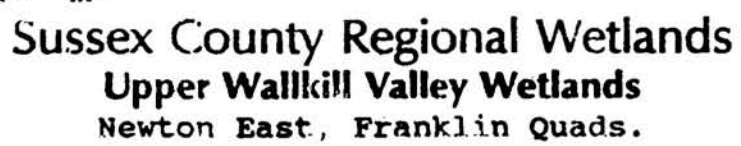
Sussex County Regional Wetlands

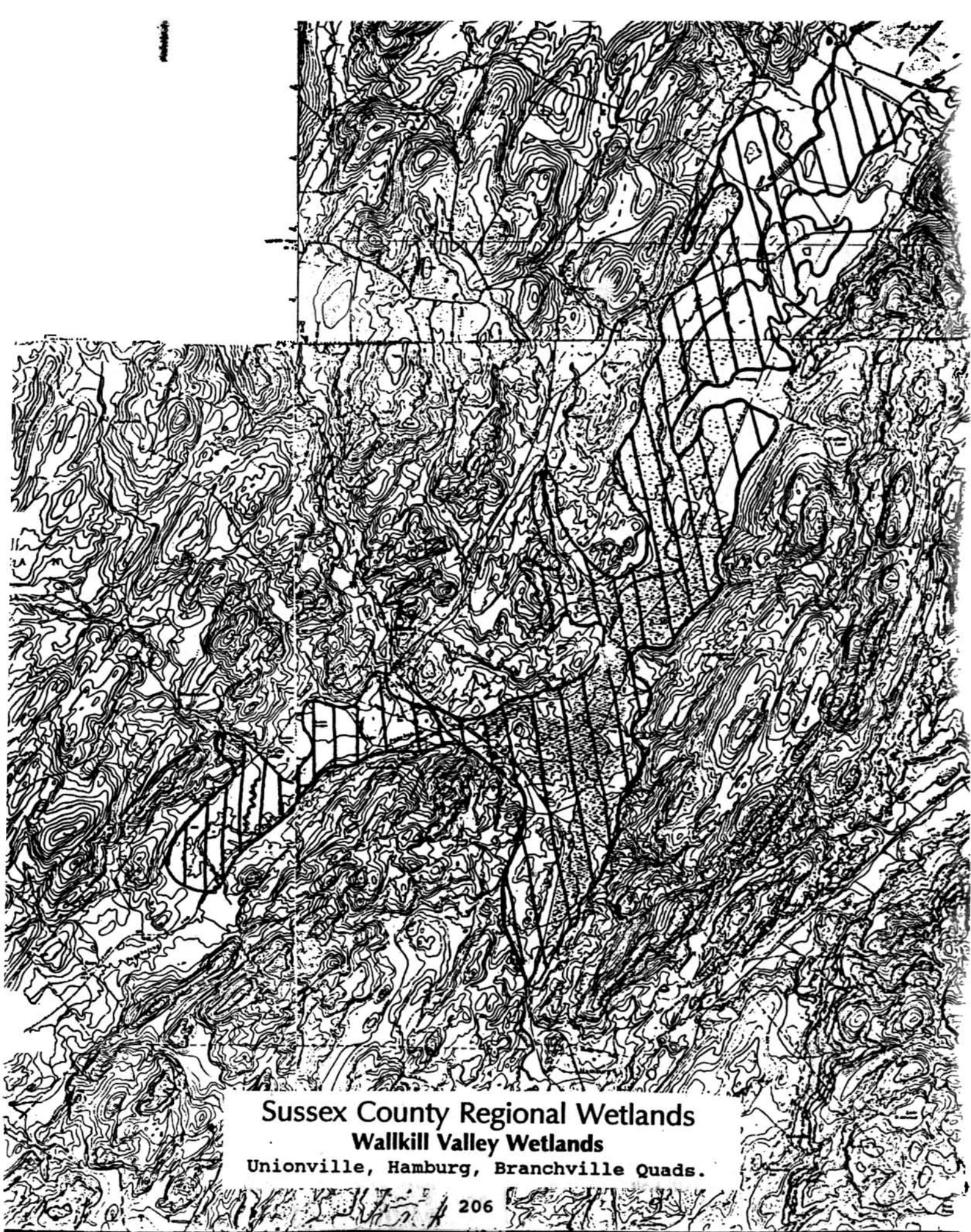
Site 564

Newton West, Newton East Quads.

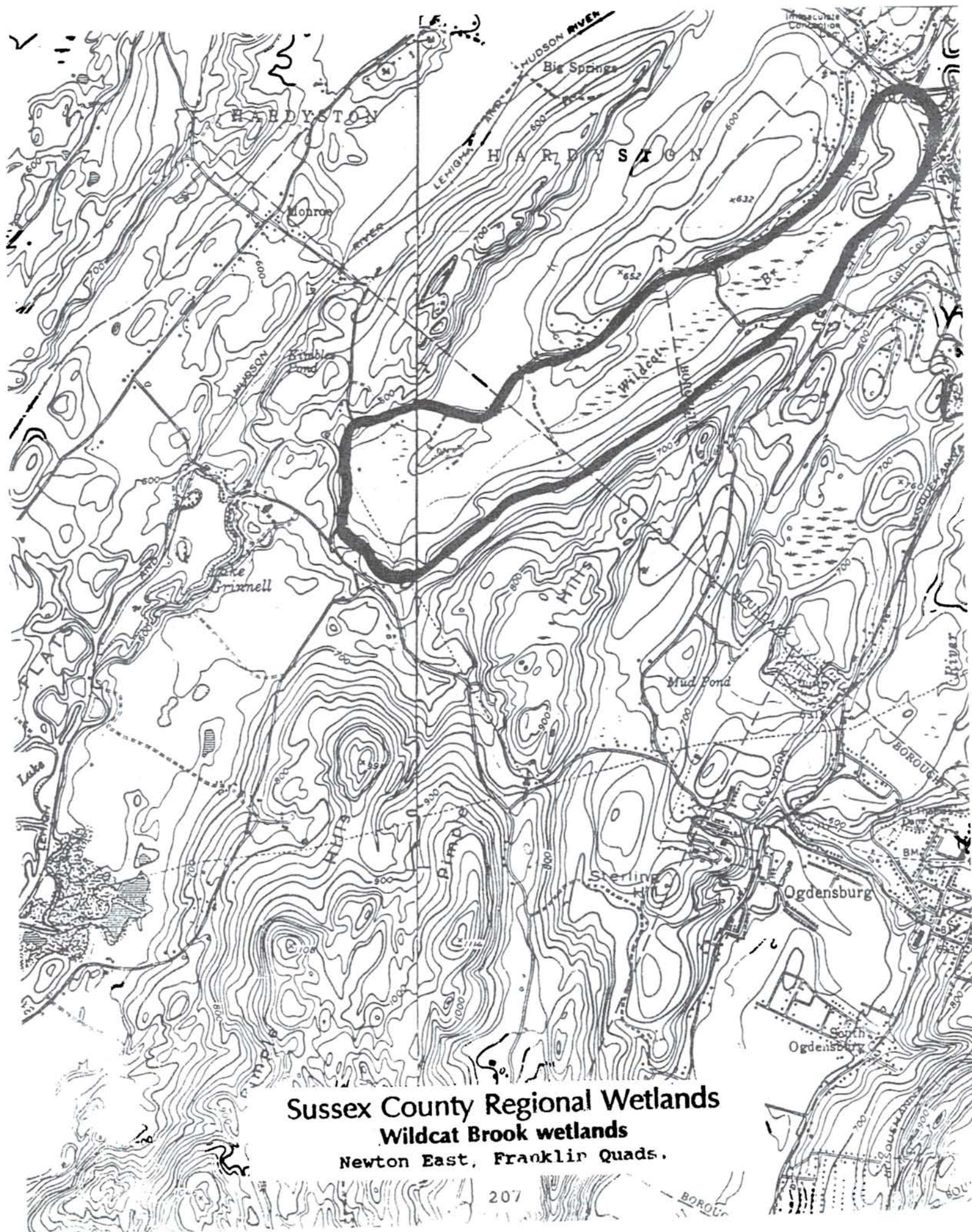


Sussex County Regional Wetlands
Spirol Road/Plotts Road Swamp
Newton West Quad.

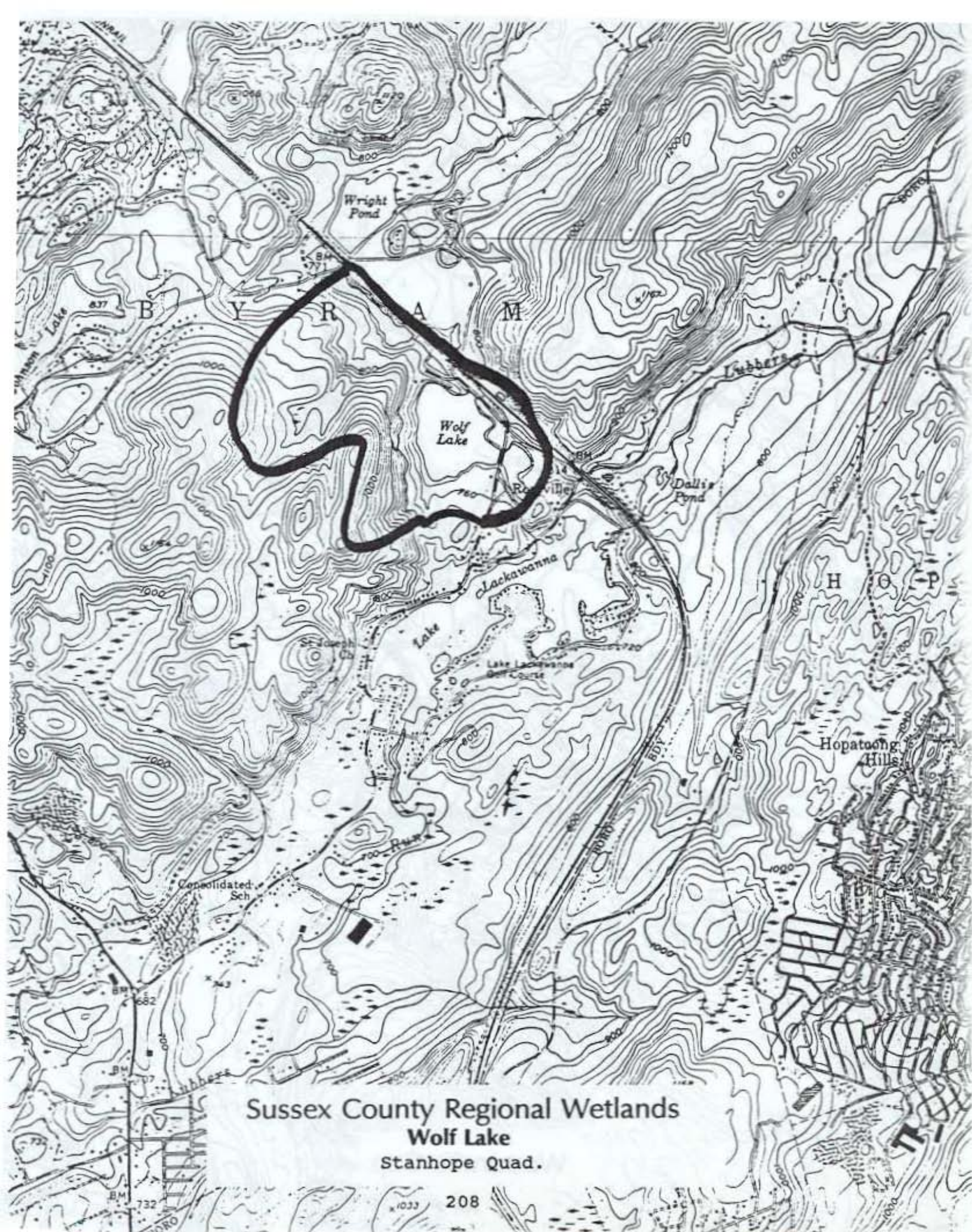


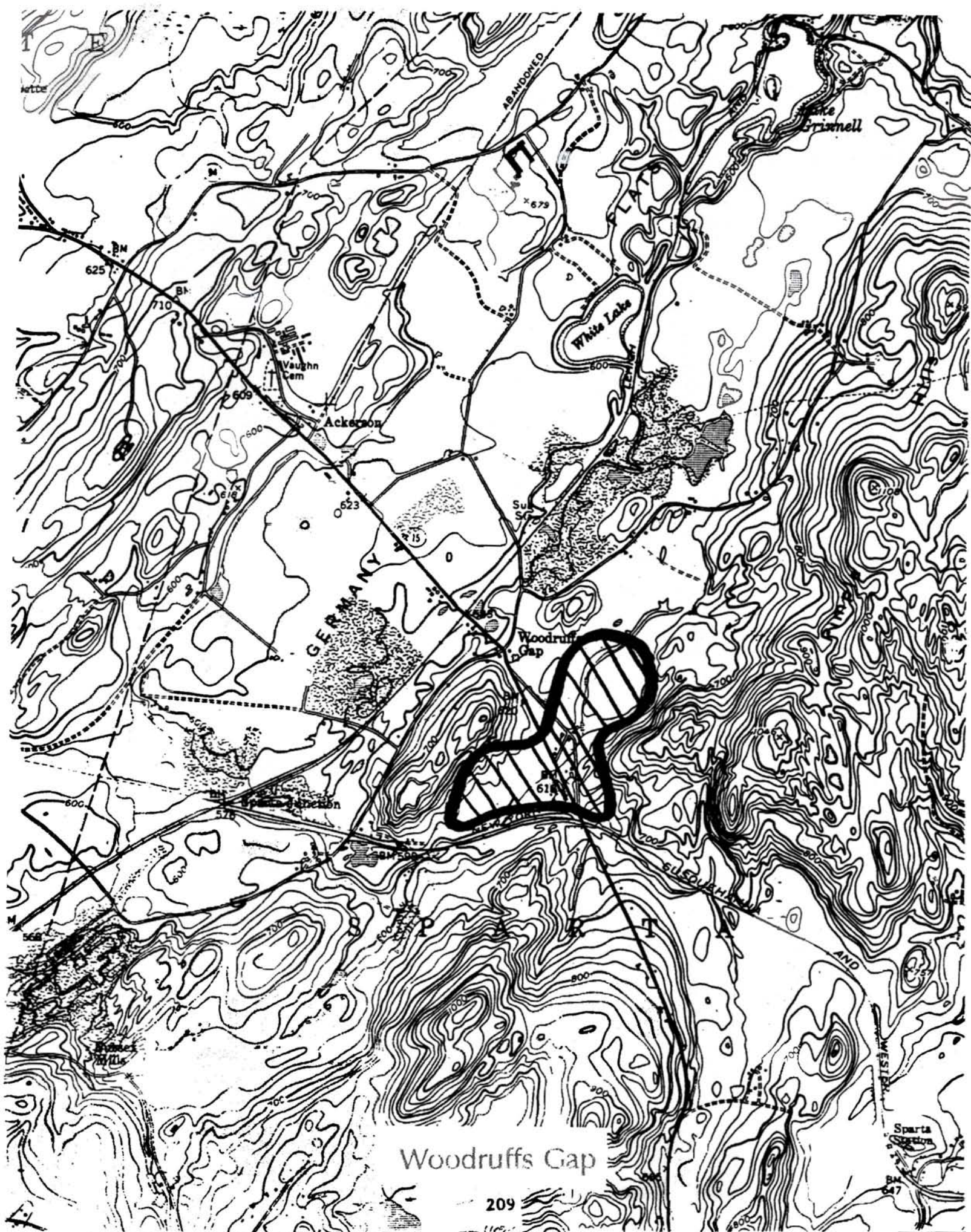


Sussex County Regional Wetlands
Wallkill Valley Wetlands
Unionville, Hamburg, Branchville Quads.



Sussex County Regional Wetlands
Wildcat Brook wetlands
Newton East, Franklin Quads.





Union County

Union County

Name: Passaic River Basin

Category: Specific Geographic Areas

Location: Northeastern New Jersey (i.e. Bergen, Essex, Hudson, Morris, Passaic, Somerset, Sussex, Union Counties) and New York (Orange and Rockland Counties).

U.S.G.S. Quadrangle(s): Bernardsville, Boonton, Boundbrook, Caldwell, Chatham, Dover, Franklin, Greenwood Lake, Hackensack, Hamburg, Mendham, Morristown, Newfoundland, Orange, Paterson, Plainfield, Pompton Plains, Ramsey, Roselle, Sloatsburg, Wanaque, Wawayanda, Weehawkin

Resource Value:

- o Flood control.
- o Recreational lakes and water supplies, water quality maintenance.
- o Important habitat for waterfowl, raptors, passerines, herptiles, furbearers, and fish, including various state and federally listed species.

Known/Potential Threats to Resource:

- o Proposed Passaic River tunnel project New York ACOE.
- o Urbanization.
- o Routes 46, 10, 80, and 24 run through these wetlands and have had major impacts.
- o Encroachment and the continuation of filling in flood zone areas.

Comments: This listing applies to all wetlands within the Passaic River Basin except for isolated wetlands which occur outside of the 100 year floodplain, as defined by either the Federal Emergency Management Agency's 100 year flood elevation or the New Jersey 100 year flood elevation, whichever is higher. The Passaic River drains 935 square miles of New Jersey and New York. Average annual population growth is estimated at 0.34% and 2.50% for the upper and lower portions respectively. **Note** - The Beech Brook, Big Pine Swamp and Washington Valley priority wetlands are located within the boundaries of the Passaic River Basin listing. See these listings for further information.

Union County

Name: Raritan Bay Estuary Wetlands

Category: Specific Geographic Area

Location: Middlesex, Monmouth, and Union Counties

U.S.G.S. Quadrangle(s): Arthur Kill, Elizabeth, Keyport, Long Branch, Marlboro, New Brunswick, Perth Amboy, Plainfield, Sandy Hook, South Amboy

Resource Value:

- Fishery and nursery habitat.
- Important migratory bird habitat for hawks, passerines, waterfowl, loons and grebes.
- Provides habitat for shorebirds and federally listed piping plover and peregrine falcon.
- Filtering and absorption of pollutants.
- Regional scarcity of estuarine wetlands in area.

Known/Potential

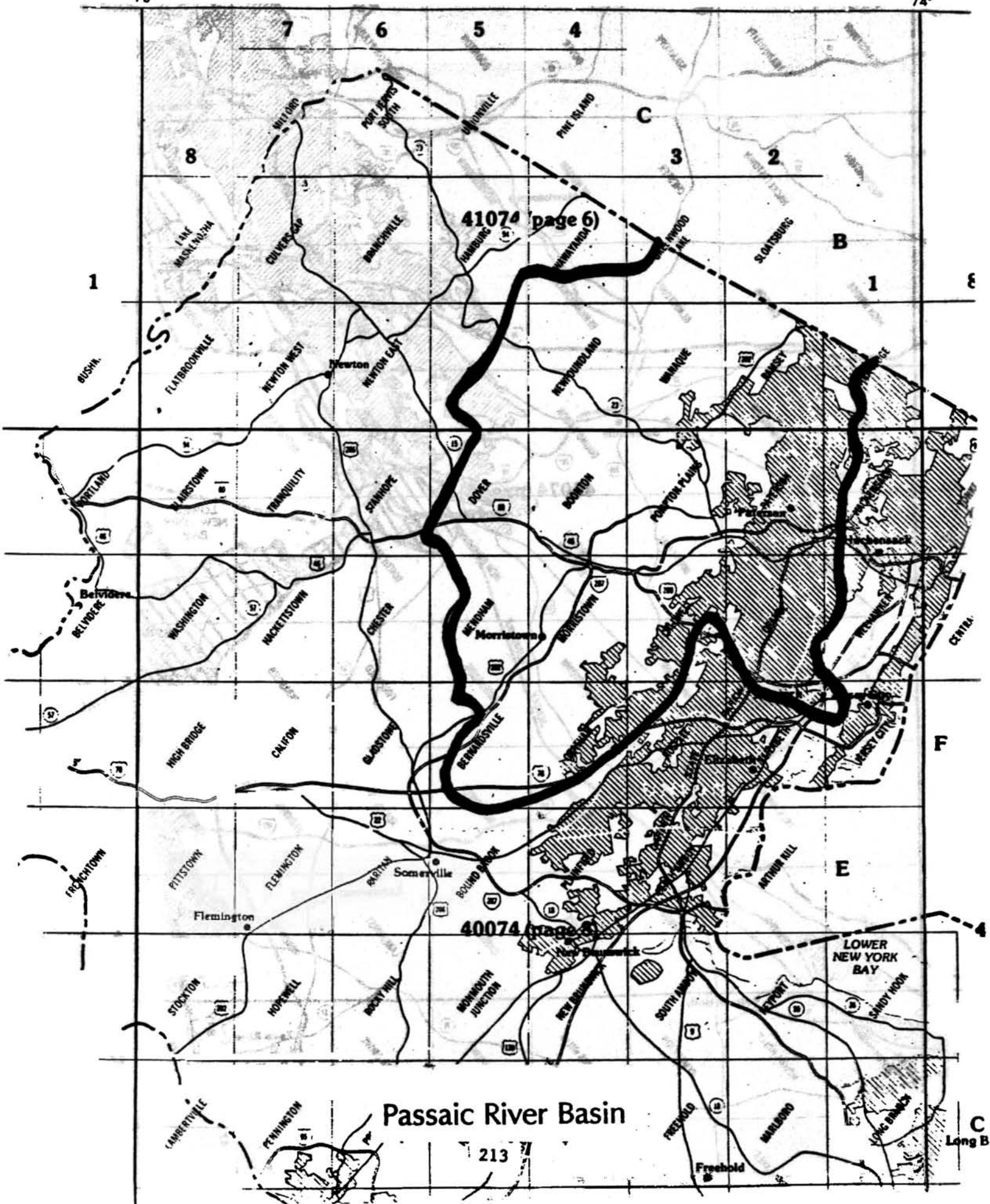
Threats to Resource:

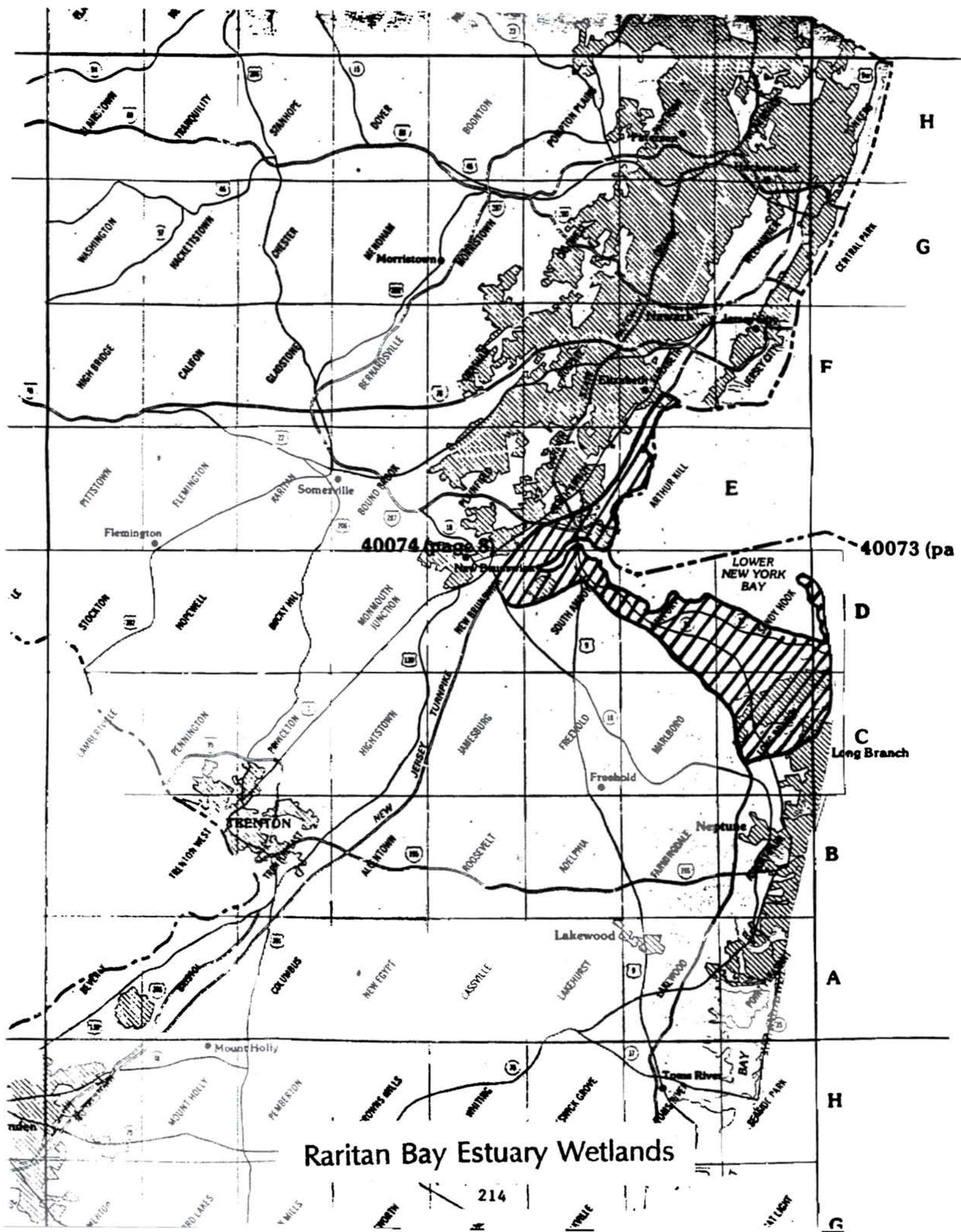
- Extreme pressure from commercial and residential development.

Comments:

Raritan Bay contains large populations of bluefish, fiddler crabs, killifish and other marine organisms. The Bay's wetlands, located on the east coast flyway, are an important migratory bird resource. All tidally influenced estuarine wetlands within the boundaries of this listing are considered priority wetlands.

Note - The Raritan Center listing is located within the boundaries of the Raritan Bay Estuary priority wetland. See the Raritan Center listing for further information.





Raritan Bay Estuary Wetlands

Warren County

Warren County

Name: Johnsonburg Swamp

Category: Specific Geographic Area

Location: Frelinghuysen and Green Twps., Sussex and Warren Counties.

U.S.G.S. Quadrangle(s): Blairtown, Tranquility

Resource Value:

- o State listed species (longtailed salamander).
- o Exemplary rare natural community.
- o Several state imperiled flora.

Known/Potential Threats to Resource:

- o Development pressure

Name: Mountain Lakes Bog

Category: Specific Geographic Area

Location: Liberty and White Twps., Warren County

U.S.G.S. Quadrangle(s): Washington

Resource Value:

- o Wetland complex features the state listed barred owl, several state rare plants, and a rare community.

Known/Potential Threats to Resource:

- o Development pressure on adjacent uplands.
- o Flooding problems by man or beaver.

Warren County

Name: Phone In Fen/Squires Corner Site

Category: Specific Geographic Area

Location: Hardwick Township, Warren County

U.S.G.S. Quadrangle(s): Blairstown

Resource Value:

- o Contains an excellent example of a globally rare wetland natural community.
- o Excellent population of a globally rare plant species.
- o Concentration of state endangered and special concern plant species.
- o Includes one state critically imperiled species.

Known/Potential Threats to Resource:

- o Hydrological threat.
- o Herbicide threat.
- o Ditching and filling.
- o Development pressure.

Name: Shades of Death Marsh

Category: Specific Geographic Area

Location: Liberty and Independence Twps., Warren County

U.S.G.S. Quadrangle(s): Blairstown

Resource Value:

- o Feeding ground for great blue herons from the Pequest rookery.
- o Pied-billed grebes, common moorhens, and virginia and sora rails have or do breed there.

Known/Potential Threats to Resource:

- o Occasionally drained to irrigate adjacent agricultural lands.

Warren County

Name: Shuster Pond

Category: Specific Geographic Area

Location: Stillwater Twp., Sussex County and
Hardwick Twp., Warren County.

U.S.G.S. Quadrangle(s): Flatbrookville

Resource Value: o The site contains the largest and best
 remaining stand of limestone forest in
 New Jersey.
 o The forest, ponds and limestone sinks
 provide habitat for a number of rare and
 endangered plants.

Known/Potential
Threats to Resource: o Heavy development pressure.
 o Logging.

Name: Tock's Swamp

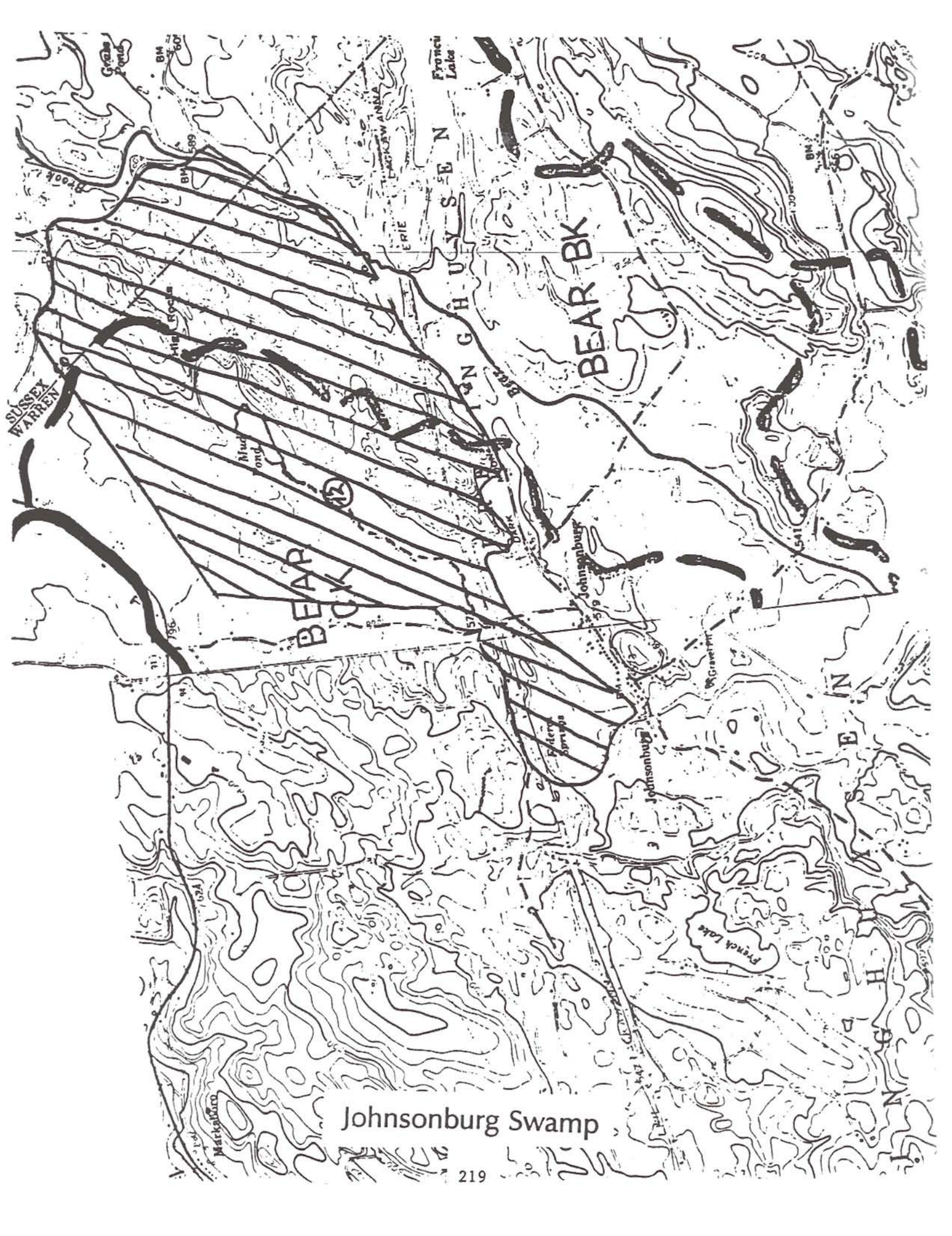
Category: Specific Geographic Area

Location: Pahaquarry Twp., Warren County

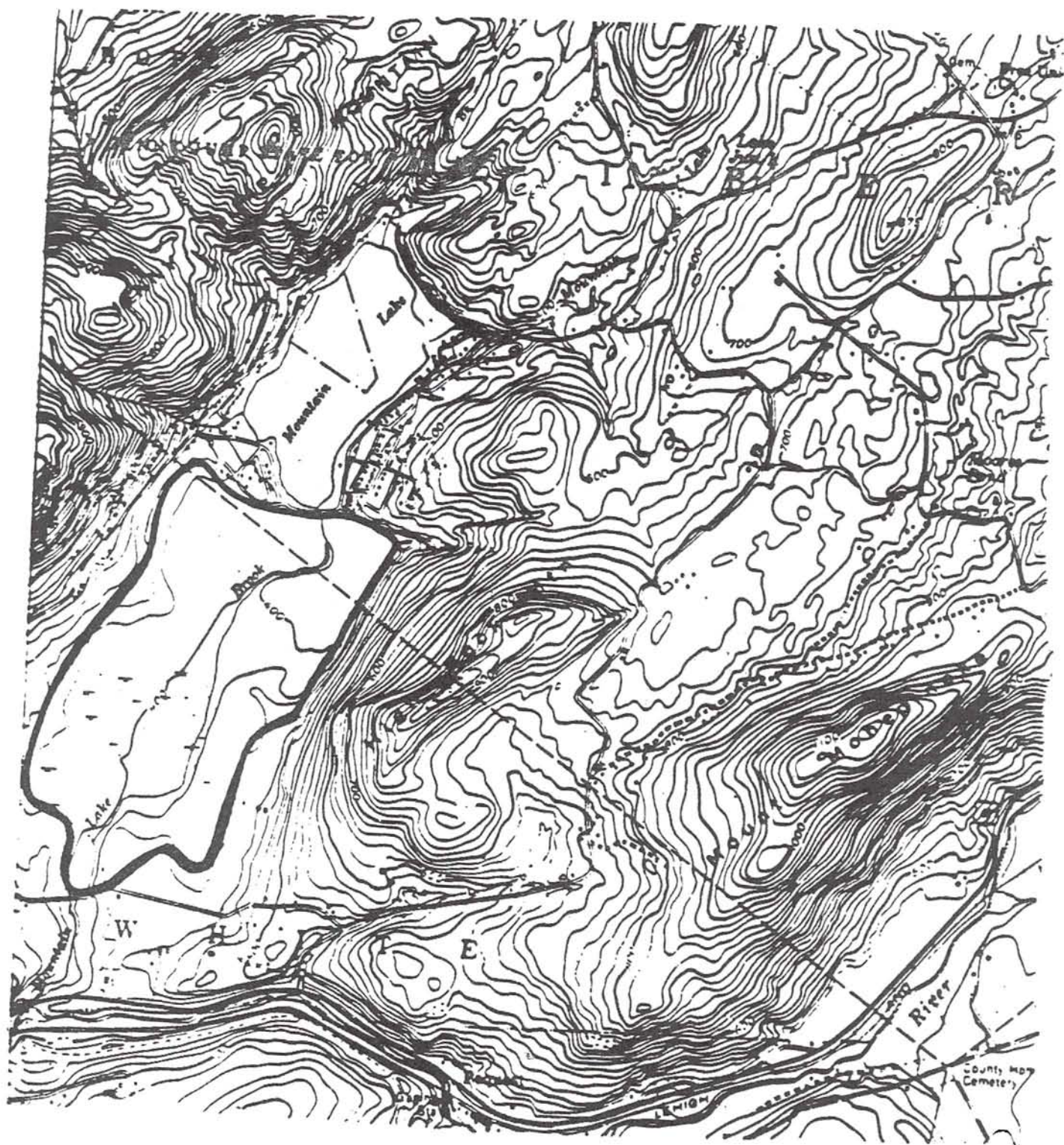
U.S.G.S. Quadrangle(s): Bushkill, Portland

Resource Value: o Rare natural community. Includes more
 than 4 state rare plants.

Known/Potential
Threats to Resource: o Excessive, unmanaged recreational use
 Owned by Yard's Creek Reservoir,
 potential site for expansion of this
 facility.



Johnsonburg Swamp



Mountain Lakes Bog

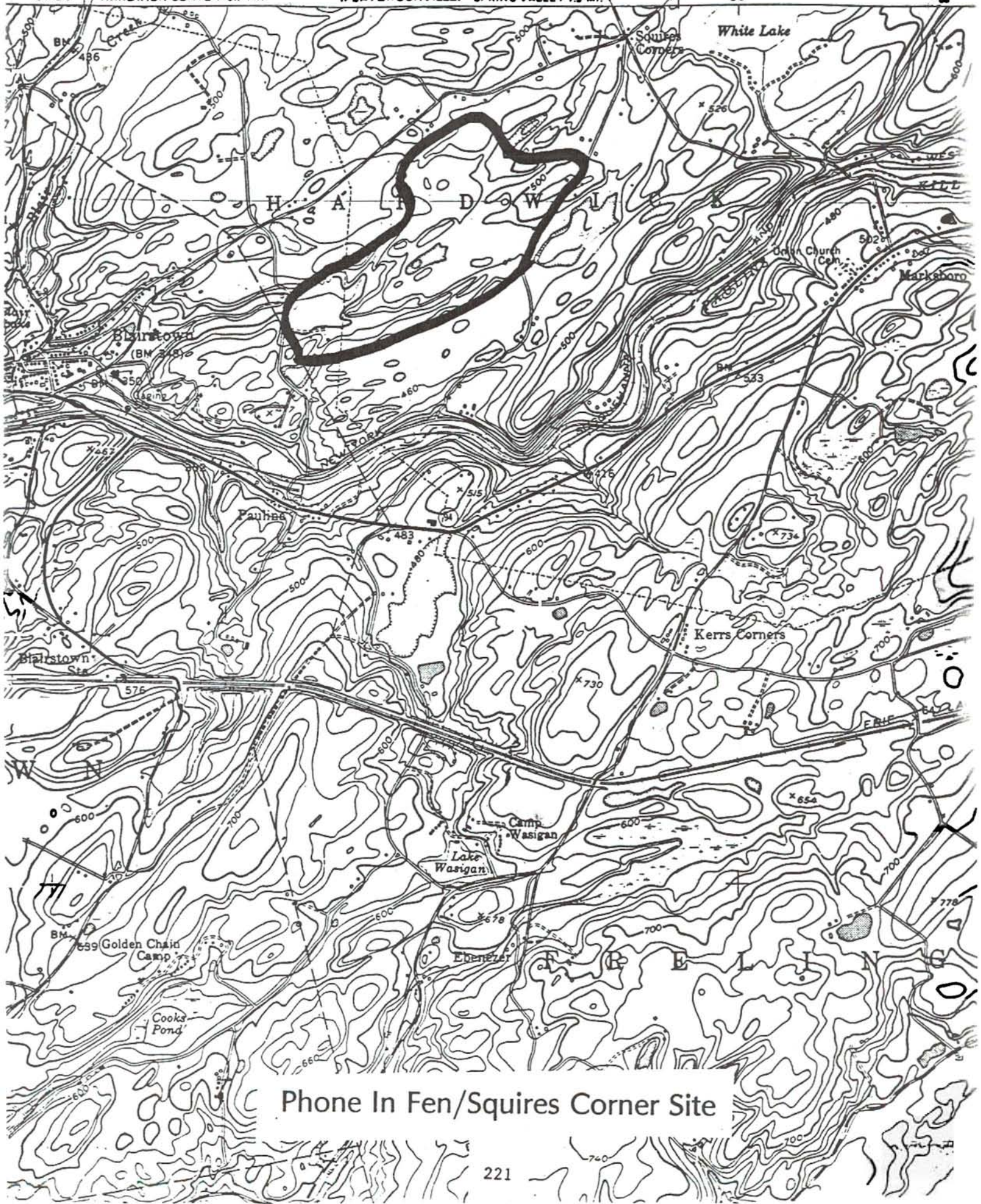
CORPS OF ENGINEERS

57°30' HARDWICK CENTER 0.7 MI.

6066 III SW
(FLATBROOKVILLE) SPRING VALLEY 1.2 MI.

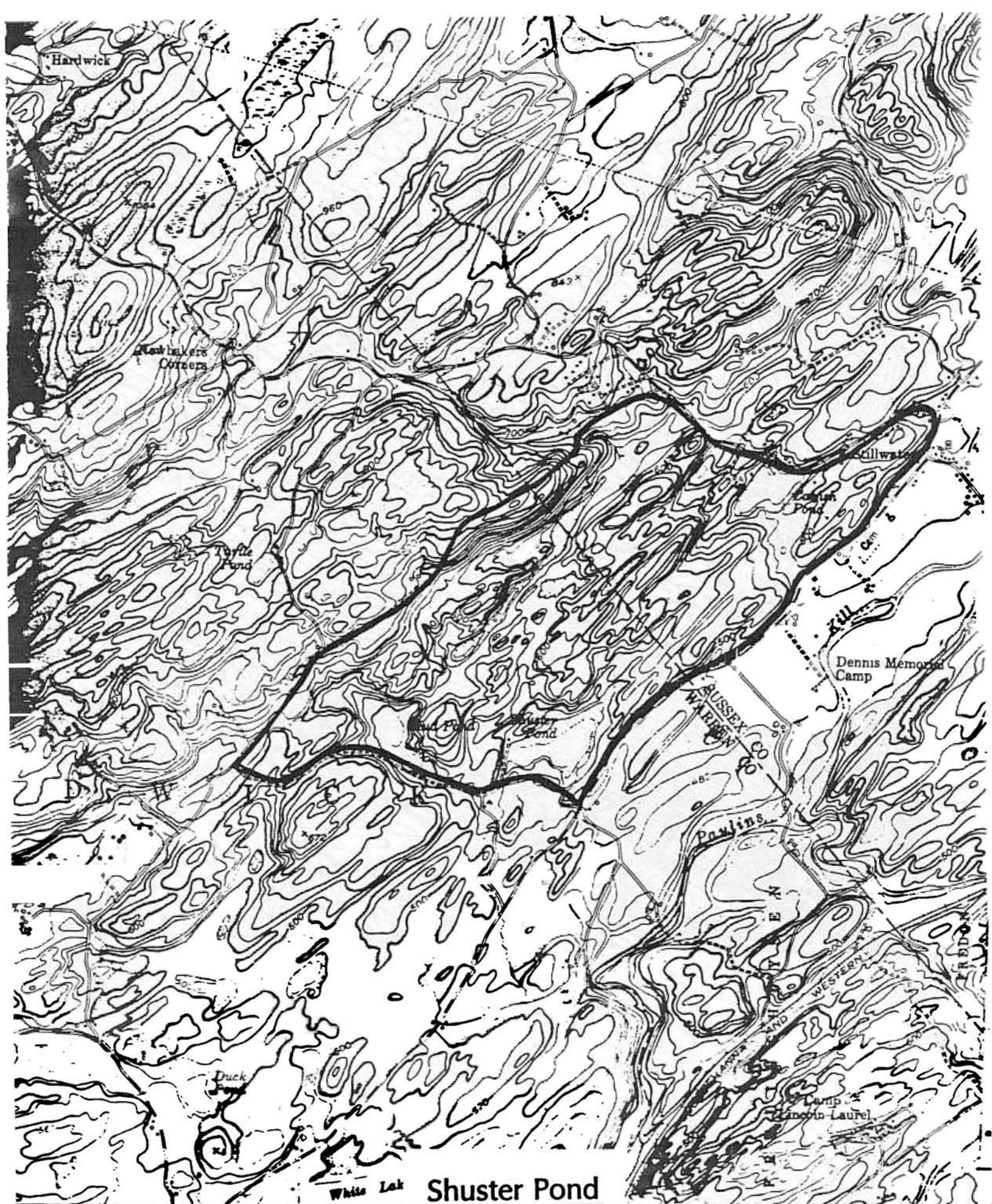
S. ILLWATER 3.4 MI.
55'

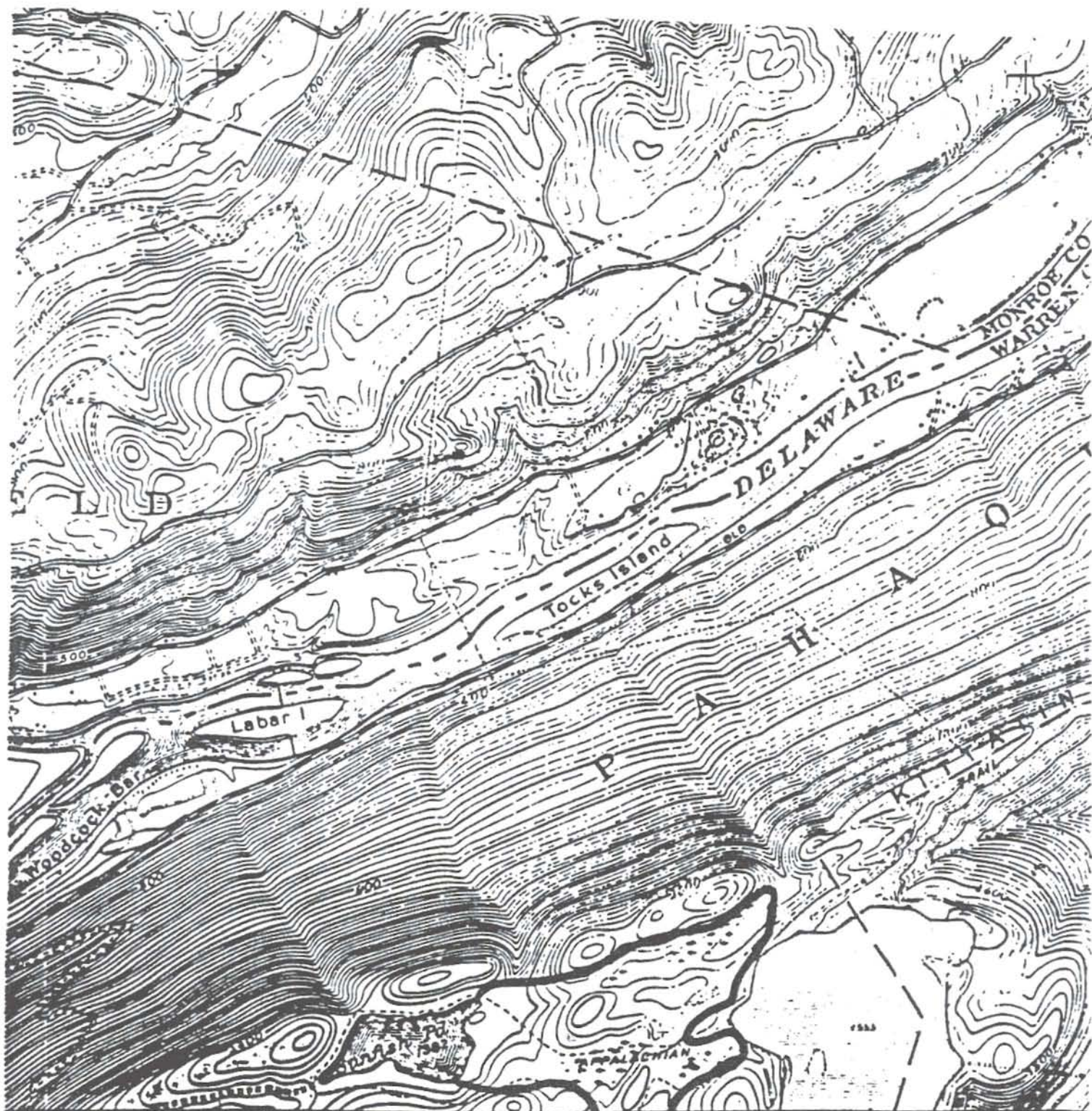
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Shades of Death Marsh





Tock Swamp

LOCATION OF NEW JERSEY PRIORITY WETLAND BY
U.S.G.S. QUADRANGLE

<u>U.S.G.S. QUADRANGLE</u>	<u>NEW JERSEY PRIORITY WETLAND</u>
Adelphia	Barnegat Bay and Tributaries
Allentown	Walnford Floodplain
Alloway	Riddletton
Arthur Kill	Raritan Bay Estuary Wetlands
Atsion	Mullica River Wetlands
Barnegat Light	Barnegat Bay and Tributaries
Beach Haven	Barnegat Bay and Tributaries
Ben Davis Point	Delaware Bayshore Macrosite
Bernardsville	Passaic River Basin Wetlands
Blairstown	Johnsonburg Swamp Phone in Fen/Squires Corner Site Shades of Death Marsh
Bloomsbury	Spruce Run Reservoir Tributary wetlands
Boonton	Passaic River Basin Wetlands
Boundbrook	Passaic River Basin Wetlands
Branchville	Sussex County Regional Wetlands
Bridgeport	Oldmans Creek
Bridgeton	Maurice River Wetlands
Brookville	Barnegat Bay and Tributaries Mullica River Wetlands
Browns Mills	Whitesbog
Buena	Maurice River Wetlands
Bushkill	Tock's Swamp
Caldwell	Passaic River Basin Wetlands

Cape May	Bennetts Bog Cape May Meadows Delaware Bayshore Macrosite Sewell Point wetlands
Cassville	Barnegat Bay and Tributaries
Cedarville	Delaware Bayshore Macrosite Dividing Creek Wetland Complex Lummis Pond Maurice River Wetlands
Chatham	Passaic River Basin Wetlands
Chatsworth	Mullica River Wetlands
Chester	Lamington River Wetlands
Clementon	Beagle Club Woods Lake Pines Mullica River Wetlands Pine Hill BSA Site United States Avenue Site
Culver's Gap	Arctic Meadows Dingmans Ferry Bridge Site Sussex County Regional Wetlands
Dividing Creek	Dividing Creek Wetland Complex Maurice River Wetlands
Dover	Lake Hopatcong Watershed Passaic River Basin Wetlands
Egg Harbor City	Atlantic Goose Ponds Mullica River Wetlands
Elizabeth	Hackensack Meadowlands Raritan Bay Estuary Wetlands
Elmer	Maurice River Wetlands Pole Tavern
Farmingdale	Barnegat Bay and Tributaries Shark River Station Site
Five Points	Maurice River Wetlands
Flatbrookville	Shuster Pond Smith Ferry Site

Forked River	Barneget Bay and Tributaries
Fortesque	Delaware Bayshore Macrosite Dividing Creek Wetland Complex
Franklin	Big Pine Swamp Lake Hopatcong Watershed Passaic River Basin Wetlands Sussex County Regional Wetlands
Frenchtown	Spruce Run Reservoir Tributary Wetlands
Green Bank	Mullica River Wetlands
Greenwood Lake	Beech Brook Wetlands Passaic River Basin Wetlands
Hackensack	Hackensack Meadowlands Passaic River Basin Wetlands
Hackettstown	Spruce Run Reservoir Tributary Wetlands
Hamburg	Passaic River Basin Wetlands Sussex County Regional Wetlands
Hammonton	Mullica River Wetlands Winslow Pond
Heislerville	Delaware Bayshore Macrosite Maurice River Wetlands
Highbridge	Spruce Run Reservoir Tributary Wetlands
Indian Mills	Mullica River Wetlands
Jamesburg	Helmetta
Jenkins	Mullica River Wetlands Oswego River Wetlands
Keswick Grove	Barneget Bay and Tributaries
Keyport	Raritan Bay Estuary Wetlands
Lakehurst	Barneget Bay and Tributaries
Lakewood	Barneget Bay and Tributaries
Long Beach NE	Barneget Bay and Tributaries
Long Branch	Raritan Bay Estuary Wetlands

Marcus Hook	Oldmans Creek
Marlboro	Raritan Bay Estuary Wetlands
Marmora	Great Cedar Swamp and Indian Trail Swamp
Mays Landing	Bill Henry Pond Reega
Medford Lakes	Mullica River Wetlands
Mendham	Passaic River Basin Wetlands Washington Valley
Milford	Mashipacong Island
Milleville	Maurice River Wetlands
Monmouth Junction	Pigeon Swamp
Moorsetown	South Valley/Strawbridge
Morristown	Passaic River Basin Wetlands
Mount Holly	Kirbys Mill Site
New Brunswick	Helmetta Pigeon Swamp Raritan Bay Estuary Wetlands
Newfield	Maurice River Wetlands
Newfoundland	Passaic River Basin Wetlands
New Gretna	Barnegat Bay and Tributaries Mullica River Wetlands
Newton East	Sussex County Regional Wetlands Woodruffs Gap
Newton West	Arctic Meadows Sussex County Regional Wetlands
Newtonville	Hospitality Branch Mullica River Wetlands
Ocean City	Malibu Beach Complex
Oceanville	Brigantine Island Mullica River Wetlands Oceanville Bog

Orange	Hackensack Meadowlands Passaic River Basin Wetlands
Oswego Lake	Barneгат Bay and Tributaries Mullica River Wetlands Oswego River Wetlands
Park Ridge	Bear Swamp
Paterson	Passaic River Basin Wetlands
Pemberton	Ongs Hat Site
Penns Grove	Majors Run Mannington Meadows Oldmans Creek
Perth Amboy	Metro Park Wetlands Raritan Bay Estuary Wetlands Raritan Center
Pitman East	Maurice River Wetlands
Pitman West	Maurice River Wetlands
Pittstown	Spruce Run Reservoir Tributary Wetlands
Plainfield	Dismal Swamp Passaic River Basin Wetlands Raritan Bay Estuary Wetlands
Pleasantville	Mullica River Wetlands
Point Pleasant	Barneгат Bay and Tributaries Reedy Creek/Herring Point Wetlands
Pompton Plains	Passaic River Basin Wetlands
Port Elizabeth	Belleplain Pond South Maurice River Wetlands
Port Norris	Delaware Bayshore Macrosite Dividing Creek Wetland Complex Maurice River Wetlands
Port Jervis South	Mashipacong Island Sussex County Regional Wetlands
Portland	Tock's Swamp

Rio Grande	Delaware Bayshore Macrosite Rio Grande Swamp
Roosevelt	Barnegat Bay and Tributaries
Roselle	Passaic River Basin Wetlands
Runnemedede	Campus swamp Hidden Lake
Salem	Mannington Meadows
Sandy Hook	Raritan Bay Estuary Wetlands
Sea Isle City	Great Cedar Swamp and Indian Trail Swamp
Seaside Park	Barnegat Bay and Tributaries
Ship Bottom	Barnegat Bay and Tributaries Manahawkin Swamp
Sloatsburg	Passaic River Basin Wetlands
South Amboy	Raritan Bay Estuary Wetlands Raritan Center
Stanhope	Lake Hopatcong Watershed Little Spruce Swamp Sussex County Regional Wetlands
Stone Harbor	Crooked Creek Lizard Tail Swamp Rio Grande Swamp
Toms River	Barnegat Bay and Tributaries
Tranquility	Johnsonburg Swamp Little Spruce Swamp Sussex County Regional Wetlands
Trenton East	Hamilton Marsh
Tuckahoe	Five Acre Pond
Tuckerton	Barnegat Bay and Tributaries Mullica River Wetlands
Unionville	Sussex County Regional Wetlands
Wanaque	Passaic River Basin Wetlands

Washington	Mountain Lakes Bog
Wawayanda	Passaic River Basin Wetlands Sussex County Regional Wetlands
Weehawkin	Hackensack Meadowlands Passaic River Basin Wetlands
West Creek	Barnegat Bay and Tributaries Manahawkin Lake Wetlands Manahawkin Swamp Mullica River Wetlands
Whiting	Barnegat Bay and Tributaries Whitesbog
Williamstown	Mullica River Wetlands Winslow Pond
Woodbine	Great Cedar Swamp and Indian Trail Swamp Woodbine Pond
Woodmansie	Barnegat Bay and Tributaries Mullica River Wetlands Oswego River Wetlands
Woodstown	Majors Run Oldmans Creek Salem River Floodplain

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