

RESOLUTION
of the
BOROUGH OF NEW PROVIDENCE
Resolution No. 2011-110

Council Meeting Date: 3-29-2011

Date Adopted: 3-29-2011

TITLE: RESOLUTION AUTHORIZING APPLICATIONS FOR "2011 SMART GROWTH GRANTS" FOR THE BOROUGH OF NEW PROVIDENCE

Councilperson Cucco submitted the following resolution, which was duly seconded by Councilperson Vyzas.

WHEREAS, the Association of New Jersey Environmental Commissions (ANJEC) provides grants to municipal and county governments for assistance in developing capacity-based, sustainable land use plans, ordinances or document reviews that will foster more sustainable use of natural resources; and

WHEREAS, the Borough of New Providence desires to further the public awareness and foster more sustainable use of the Borough's natural resources by obtaining a grant(s) in an amount not to exceed \$15,000.00 from the ANJEC.

NOW THEREFORE BE IT RESOLVED by the Mayor and Borough Council of the Borough of New Providence, County of Union and State of New Jersey that the Mayor and Borough Administrator are hereby authorized to:

- (a) make application for such grant(s).
- (b) provide additional application information and furnish such documents as may be required.
- (c) act as the authorized correspondent of the above-named applicant; and

WHEREAS, the ANJEC shall determine if the application(s) is complete and in conformance with the scope and intent of the 2011 Sustainable Land Use Planning Grant Program, and notify the applicant of the amount of the funding award; and

WHEREAS, the applicant is willing to use the ANJEC funds in accordance with such rules, regulations and applicable statutes, and is willing to enter into an agreement with the ANJEC for the above-named project.

NOW THEREFORE BE IT FURTHER RESOLVED by the Mayor and Borough Council of the Borough of New Providence, County of Union and State of New Jersey:

1. That the Mayor of the above-named body is hereby authorized to execute an agreement and any amendment thereto with the ANJEC know as 2011 Sustainable Land Use Planning Grant Program; and

2. That the applicant has its matching share of the project in the amount of \$15,000.00.
3. This resolution shall take effect immediately.

RECORD OF COUNCIL VOTE

	AYE	NAY	ABSENT	NOT VOTING
CUCCO	X			
GALLUCCIO	X			
GENNARO	X			
LESNEWICH	X			
MUÑOZ	X			
VYZAS	X			

I hereby certify that the above resolution was adopted at a meeting of the Borough Council held on the 29th day of March, 2011

Wendi B. Barry, Borough Clerk

B O R O U G H O F
NEW PROVIDENCE

SETTLED IN 1720

J. Brooke Hern, Mayor

Andrew R. Hipolit, Borough Engineer

Mark G. Demareski, Assistant Engineer

MEMORANDUM

To: Doug Marvin, Borough Administrator
From: Mark Demareski, Assistant Borough Engineer *MD*
CC: Andrew R. Hipolit, P.E., Borough Engineer
Wendi Barry, Borough Clerk (w/attachments)
Date: February 9, 2011
RE: **Request Authorization**
2011 Smart Growth Grant Program

Applications are now being accepted for the Smart Growth Grant Program which provides a maximum grant amount of \$15,000 (Attachment 1). The grant indicates that “for open space projects, towns that **do not** have an Environmental Commission but have an established Open Space Committee may also apply”. The following three (3) grant applications are available with a letter of support from the Green Team with its subcommittee of Open Space Advisory Board members. The grant and matching funds are to be used to complete the following projects:

- Updated Open Space & Recreation Plan (Attachment 2)

The Open Space and Recreation Plan (OSRP) dated February 8, 2006 could be revised to include the purchase of 124 South Street and sale of 705B Central Avenue (Attachment 3). The Key Objectives for Short and Long Term Planning will also be evaluated and updated by the Open Space Advisory Board subcommittee members.

This updated OSRP will include revising the six (6) plates that have previously been requested to be made “clearer” by the Planning Board and the Inventory spreadsheets. By updating these plates, the Engineering Department will produce them so they can be displayed on the website and in the 3rd floor hallway with the parcel types and acreage clearly indicated using Google Earth Maps for residents to easily access and review. The Official Borough and County Owned Property Map dated 1993 could also be updated to include 124 South Street and sale of 705B Central Avenue.

The Engineering Department will also coordinate this work with Spatial Data Logic for these six (6) plates to be added as a layer on its program for easy viewing by Borough employees and for color identification when producing the 200’ maps for the Planning Board and Board of Adjustment.

The Ping Wang Property and/or other sites can also be included to the grant completion deadline date of June 30, 2012.

- Bicycle/Pedestrian or Complete Street Plans (Attachment 4):

Update the Borough Sidewalk/Trail Map dated 1998.

This would be produced for display on the New Providence website and in the Recreation Department hallway. This would include the additional sidewalk improvements at Maple Street, Brookside Drive and Division Avenue. Various other sidewalks locations have been completed since 1998 which can be identified and included on this Borough Sidewalk/Trail Map.

The Engineering Department will also produce a Walking Trail Map from Berkeley Heights to the City of Summit. This trail map would be installed at selected parks and at selected walking trail route locations similar to the attached City of Summit display.

To offset these costs this could be included in the Recreation Trails Grant or the Recreation Department could setup a wellness walking event for youths and adults similar to the 5K Run.

- Natural/environmental resources inventory (Attachment 5):

The Natural and Environmental Inventory Report would be created similar to the attached Natural Research Inventory Maps for the Township of Maplewood. The benefits from this natural and environmental inventory update would assist the Green Team and have a long term use in future planning by the Borough. This would provide information to the Planning Board and Board of Adjustment on project site applications. This report and maps would be displayed on the Borough website and also add additional support to the Open Space and Recreation Plan for its Long Range Planning.

This mapping by the Engineering Department would include Borough and County Parks Map, Historic Areas Map, Forested Wetlands Critical and Impaired Water Bodies, Land Classification of Undeveloped and Developed Lands, Land Use Map, Soil and Slope Map and Wetlands and Flood Prone Areas Map.

Please advise if the Borough would like to apply for any of these three (3) or all of the grants. The Borough's match could be drawn by taking a portion from the Open Space Trust Fund or allocated in the 2011 Capital Budget Request. The application(s) deadline submittal date with an approved Resolution is March 31, 2011.

If you have any questions or require additional information, please give me a call.

File: Smart Growth Planning Grant 2011

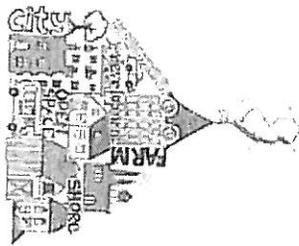
360 Elkwood Avenue ♦ New Providence ♦ NJ ♦ 07974
908-665-1098 ♦ 908-665-8361 (Fax)
www.newprov.org

ATTACHMENT 1

Non Profit Org,
US Postage
PAID
W. Caldwell, NJ
Permit #1276

2011 SUSTAINABLE LAND USE PLANNING GRANTS FOR MUNICIPALITIES

**MATCHING GRANTS OF UP TO \$15,000
FOR NEW JERSEY COMMUNITIES**



**Application deadline
Thursday, March 31, 2011**

*Grants made possible through the generosity
of the Geraldine R. Dodge Foundation
Morristown, NJ*

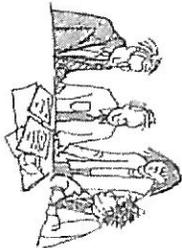
anjec
association of new jersey
environmental commissions
PO Box 157, Mendham, NJ 07945

anjec
association of new jersey
environmental commissions
PO Box 157, Mendham, NJ 07945
www.anjec.org

ABOUT ANJEC'S SUSTAINABLE LAND USE PLANNING GRANTS PROGRAM

The Association of NJ Environmental Commissions (ANJEC) is a statewide non-profit organization that informs and supports environmental commissions and other local boards and officials in their efforts to protect the environment and preserve quality of life in their towns.

Since 2002, with funding from the Geraldine R. Dodge Foundation, ANJEC has administered a matching grants program for municipalities and counties with environmental commissions, to help cover the cost of developing capacity-based, sustainable land use plans and ordinances. The grants also strengthen municipal environmental commissions by providing opportunities for them to participate in the local land use planning process. Over the past nine years, ANJEC has awarded \$1.47 million in planning grants for 205 local projects involving 186 municipalities and counties.



The 2011 Sustainable Land Use Planning Grant Program

This program provides 1-to-1 matching reimbursement grants to NJ municipalities and counties, to help cover the costs of developing land use plans, ordinances, studies or document reviews that will foster more sustainable use of natural resources. The maximum grant is \$15,000. However, most individual town grants range from \$6000 to \$10,000. Collaboration and multi-town/regional projects are encouraged, and may qualify for larger grants. Suitable projects include, but are not limited to:

- *Environmental Resource Inventory or Update**
- *Open Space & Recreation Plan or Update**
- *Conservation Easement Inventory/Tracking**
- *Master Plan Conservation Element*
- *Master Plan Sustainability Element**
- *Community Visioning to Inform Master Planning**
- *Environmental Justice Planning & Zoning**
- *Green Design/Site Plan Standards for Commercial and Residential Bldgs.**
- *Master Plan Environmental Analysis**
- *Natural Resource or Habitat Protection Ordinances**
- *Clustering* or Conservation Design Ordinance*
- *Construction/Demolition Recycling Ordinance**
- *Groundwater, Septic Capacity or Buildout Study*
- *Bicycle/Pedestrian or Complete Streets* Plan*
- *Farmland Preservation Plan**

Items with an asterisk (*) are on Sustainable Jersey's "Actions for Sustainable Communities" list.
(See sustainablejersey.com for additional details about SJ Program requirements.)

The grant and matching funds may be used to hire a consultant, and may be combined with other grants, if permitted under the terms of such other grant(s). *These grants are for new projects only. ANJEC will not award grants for projects that have already begun, or for which consultant services are already under contract.* Grant and matching funds may not be used for capital projects, equipment or software, or for engineering work or permit applications. Do not include these items in the project budget.

Who may apply?

To be eligible for this program, a municipality (or two or more municipalities applying together) must be in New Jersey and have a functioning environmental commission, established by ordinance. For open space projects, towns that do not have an environmental commission but do have an established open space committee may also apply. However, preference will be given to towns with environmental commissions; additional preference will be given to towns (with commissions) that are registered with the Sustainable Jersey program.

In-kind contributions by the municipality:

A municipality may provide up to half of its 50% match through *in-kind services*, work performed on the grant project by municipal volunteers and staff, such as participation at meetings, information gathering, map or text development or review, publicity/public outreach activities, and preparation of progress reports. For the purposes of this program, the municipality may count in-kind services at the following rates:

- > professional staff (planner, attorney, engineer, town administrator) @ \$30/hour
- > volunteers/commissioners/elected officials, office/administrative/public works staff @ \$15/hour

Environmental commission participation:

The environmental commission must participate in both the planning and execution phases of the grant project (see item #5 on the list of application submissions).

Public outreach:

Each proposal must include specific activities for public participation and outreach, such as press releases, articles, resident surveys, website postings and public information/input meetings and exhibits. Environmental commissions are well-suited to carrying out outreach tasks, and usually take responsibility for outreach on ANJEC grant projects.

Payment of grant funds to the municipality:

Grantee municipalities have until **June 30, 2012**, to complete their projects, and must submit written quarterly progress reports to ANJEC. To obtain reimbursement, a town must complete all project tasks, provide a copy of the finished grant product (plan, report, study, ordinances, etc.) to ANJEC, and submit a final report that summarizes the project and documents expenditure of all funds, including in-kind services.

APPLICATIONS MUST INCLUDE ALL OF THE FOLLOWING (1-8):

1. **Application Cover Sheet** (attached, opposite - application is also available on www.anjec.org).
2. **Narrative/Proposal:** Describe the project - what you will do, how you will do it, and what the final product(s) will be. Briefly explain how the municipality will utilize the product(s) of the project to protect natural resources and work toward sustainability goals (max. 3 pages).
3. **Project Team:** Identify the individuals who will carry out the project. Specify who will act as team leader. Include titles, day phone and e-mail for each person (max. 1 page). (See FAQs, below.)
4. **Work Plan:** A one-year schedule of tasks, starting July 1st, and who will complete them. ANJEC will use your work plan to draft a grant agreement between the municipality and ANJEC. Work plan must include a kickoff meeting (see FAQs, below) with the project team, consultant and ANJEC representative. Please use this format:

*July 1-31, 2011: Project team and consultant review/comment on ANJEC draft grant agreement; final agreement signed by Mayor and ANJEC.
Aug. 1-31, 2011: Project "kickoff meeting" with consultant and project team; invite ANJEC staff member;
Environmental Commission develops article/press release on project; consultant begins data collection; etc.*

5. **Environmental Commission Letter of Support:** The commission should explain, *in its own words*, why it supports the project and what its specific roles and tasks will be in the project. List EC members, with phone numbers and e-mails.
6. **Public Outreach:** Describe specific public participation and public education activities for the project and who will do them. Explain how you will build community support for its adoption and/or implementation (max. 1/2 page).
7. **Project Budget:** Itemize all costs and contributions, including in-kind services/activities. Consultant services and other costs should be based on actual proposals or quotes. (See FAQs, below.) If the town requires an RFP (Request for Proposals) process for consultant services, include a statement in the application confirming that the town will finalize and release the RFP by August 15, 2011. ANJEC must approve the RFP before it is released.
8. **Governing Body Resolution:** Resolution should indicate an understanding of and support for the project, an understanding that the grant is a matching, reimbursement grant, and a guarantee to provide matching funds (state the amount of the match, or a maximum "up to..."). Note: this will require advance planning; make sure to get the resolution on the governing body's agenda for a vote before March 30.

Application Deadline: Applications must arrive at ANJEC by **5pm, Thursday, March 31, 2010**. Submit **two** complete copies, preferably double-sided. Please do not use plastic folders or other presentation devices.

*NOTE THAT ANJEC'S MAILING AND STREET DELIVERY ADDRESSES ARE DIFFERENT:

For US Mail delivery, use: **PO Box 157, Mendham, NJ 07945**

For FedEx, UPS, etc., use: **Morris Co. Cultural Ctr., 2nd flr., 300 Mendham Rd., Morristown, NJ 07960**

Notification of grantees: ANJEC will notify successful applicants by phone by May 31st, 2011.

For questions about the grant program, contact Kerry Miller - kmiller@anjec.org 973-539-7547

Frequently Asked Questions:

Q: *What is the project team?*

A: It includes the town representatives who will work with the consultant and guide the project through completion by reviewing and commenting on drafts, arranging public outreach and opportunities for public input, and reporting to ANJEC. Must include representation from the environmental commission, and may include the entire environmental commission. May include town staff, other board representatives, volunteers.

Q: *What is the purpose of the kickoff meeting?*

A: After the mayor and ANJEC sign the grant agreement, the consultant, project team and an ANJEC representative meet to discuss the schedule and tasks in detail, to make sure everyone is "on the same page." Can occur at an environmental commission meeting or can be a separate, informal meeting.

Q: *Our town requires a formal RFP process to hire a consultant. How can we estimate our costs?*

A: To have a reliable idea of the cost of the project for use on the application, obtain an estimate from *at least* one consultant, even if you will use the RFP process later to actually select the consultant.



SUSTAINABLE LAND USE PLANNING GRANT PROGRAM
2011 APPLICATION COVER SHEET

Name of municipality _____ County _____

Municipal address _____

Administrator _____ Phone _____

Administrator's e-mail _____ Clerk's phone _____

Mayor _____ Mayor's e-mail _____

Date environmental commission was established by ordinance _____

Name of environmental commission chair _____

Day phone _____ e-mail _____

Is the commission a member of ANJEC? yes / no Registered with Sustainable Jersey? yes / no

Date open space committee was established, if applicable _____

Please designate a contact person from the project team who will be responsible to answer questions about this application and be the liaison to ANJEC. The consultant should not be the contact person/liaison.

Name _____ Title _____

Mailing address _____

Day phone _____ e-mail _____

Title of project _____

25-word description of project: _____

Amount being requested from ANJEC \$ _____ Amount of town's cash match \$ _____

Value of town's in-kind match \$ _____ Total value of project (add all three) \$ _____

Source(s) of municipal matching funds _____

List all grants obtained or administered by the environmental commission in the previous 3 years:

List all environmental or land use grants applied for/pending by the municipality or environmental commission:

Does your town have an environmental/natural resource inventory? yes / no Year completed _____

Date of last master plan review by planning board _____

NOTE: This application is available on the ANJEC website, www.anjec.org

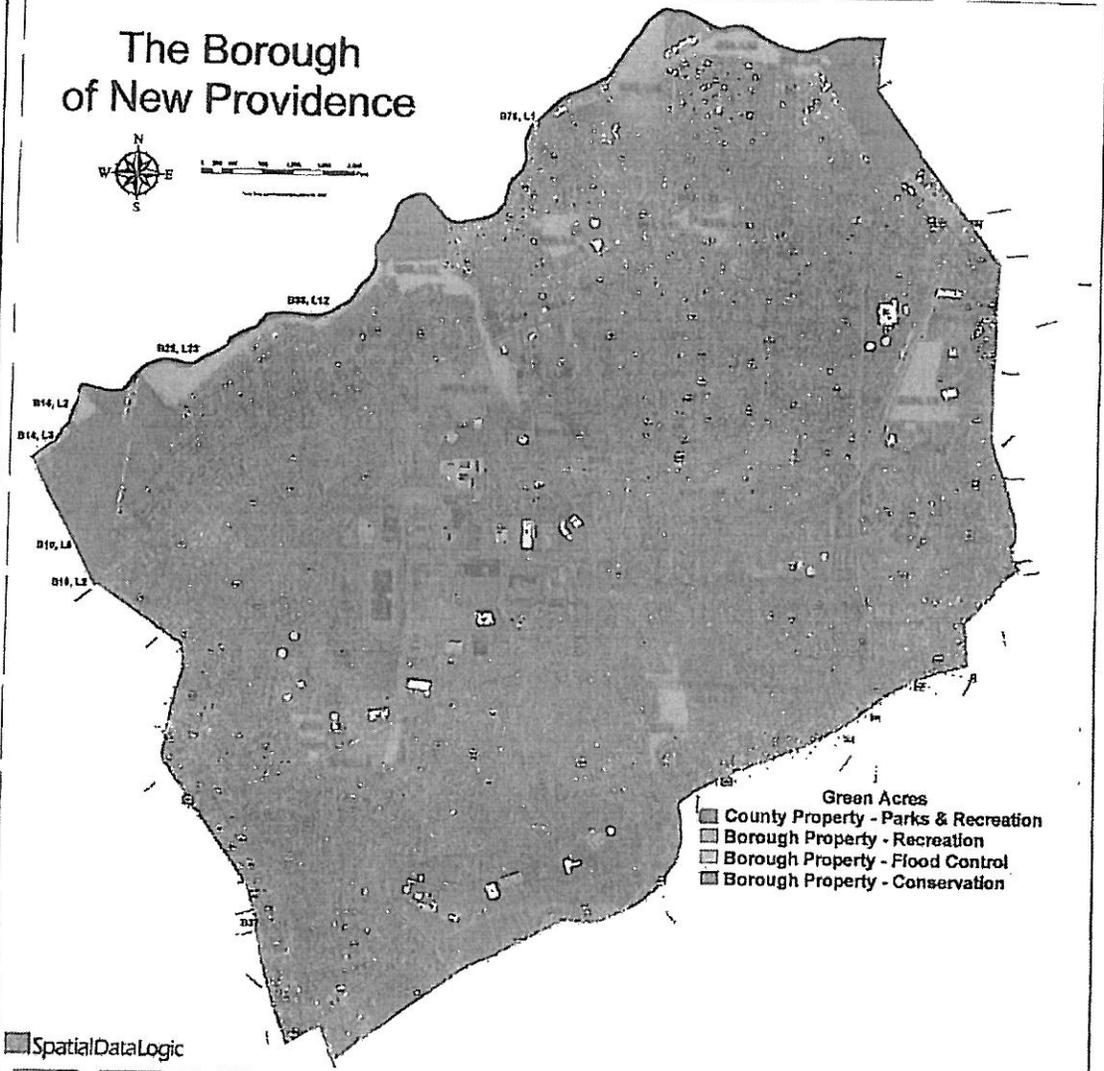
ATTACHMENT 2

TABLE 2

BLOCK	LOT	FACILITY NAME	County Property - Parks and Recreation - Green Acres		Borough Property - Recreational - Green Acres		Borough Property - Flood Control - Green Acres		Borough Property - Conservation - Green Acres		County Property - Parks and Recreation		Borough Property - Flood Control		Borough Property - Recreation		Borough Property - Conservation		Board of Education Property		Private Land Used for Public Recreation		Private Recreation Clubs		Private Undeveloped Land	
			ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES	ACRES
244	7	BOROUGH OF NEW PROVIDENCE																								
244	28	BOROUGH OF NEW PROVIDENCE																								
270	31	BOROUGH OF NEW PROVIDENCE																								
271	42	BOROUGH OF NEW PROVIDENCE																								
44	7	BOROUGH OF NEW PROVIDENCE																								
51	1	BOROUGH OF NEW PROVIDENCE																								
53	25	BOROUGH OF NEW PROVIDENCE																								
271	48.02	BOROUGH OF NEW PROVIDENCE																								
239	1	BOROUGH OF NEW PROVIDENCE																								
125	10	BOARD OF EDUCATION - SALT BROOK SCHOOL																								
171	38	BOARD OF EDUCATION - HIGH SCHOOL																								
172	1	BOARD OF EDUCATION - HIGH SCHOOL																								
210	26	BOARD OF EDUCATION - ROBERTS SCHOOL																								
171	26	OUR LADY OF PEACE																								
210	20	C.R. BARD																								
250	26	AIRCAST																								
123	1	CLEARWATER CLUB CORPORATION																								
124	1	CLEARWATER CLUB CORPORATION																								
250	16	CRESTVIEW CLUB																								
320	17	LUCENT																								
321	1	LUCENT																								
321	2	LUCENT																								
321	3	LUCENT																								
321	4	LUCENT																								
321	5	LUCENT																								
302	4	LUCENT																								
302	5	LUCENT																								
302	6	LUCENT																								
TOTALS			81.09	48.90	79.39	14.25	4.06	16.59	9.80	0.21	54.92	25.72	22.51	44.12												

ATTACHMENT 3

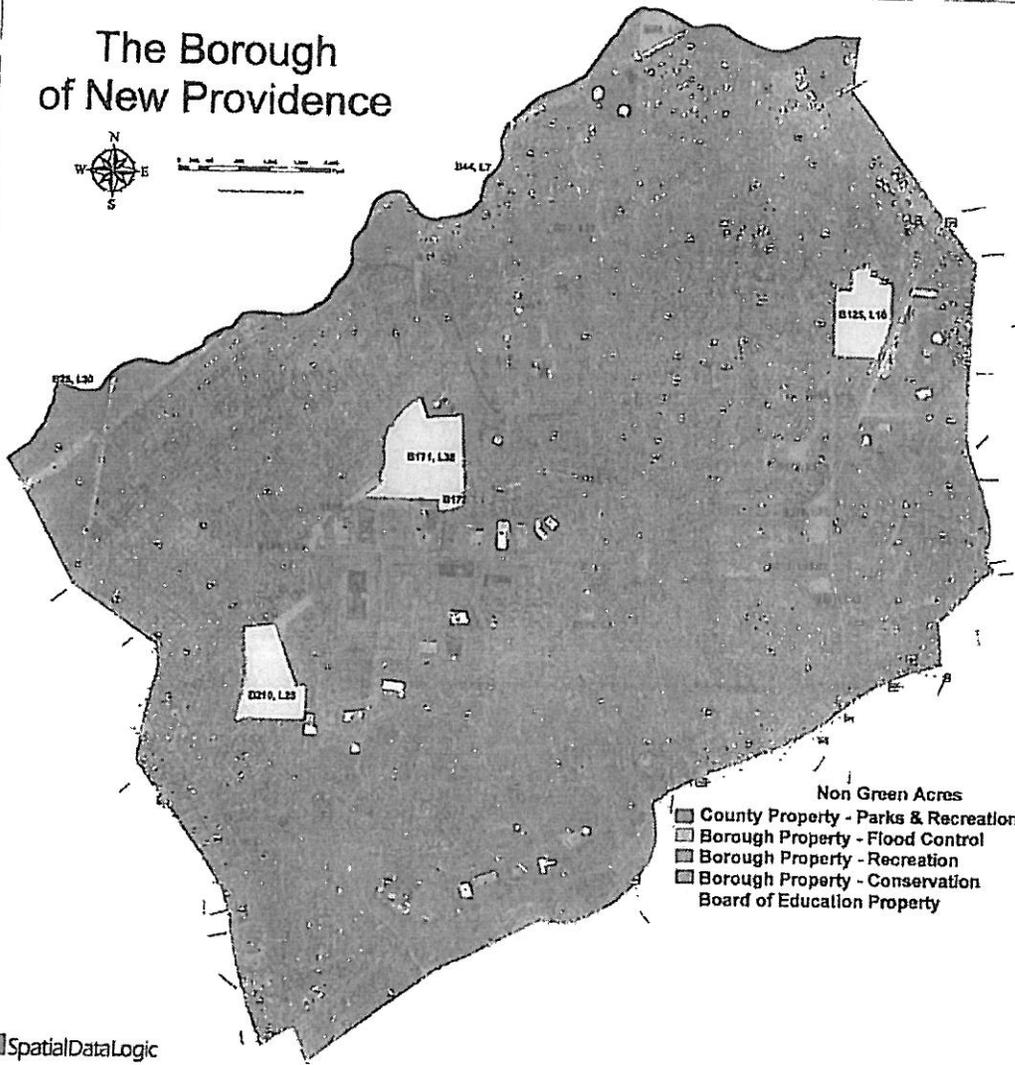
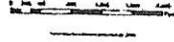
The Borough of New Providence



SpatialDataLogic

Plate 1: This plate provides a visual overview of both Union County and Borough of New Providence land which is protected under the New Jersey Department of Environmental Protection Green Acres Program.

The Borough of New Providence



SpatialDataLogic

Plate 2: Public land which is not currently protected by the New Jersey Department of Environmental Protection Green Acres Program

The Borough of New Providence

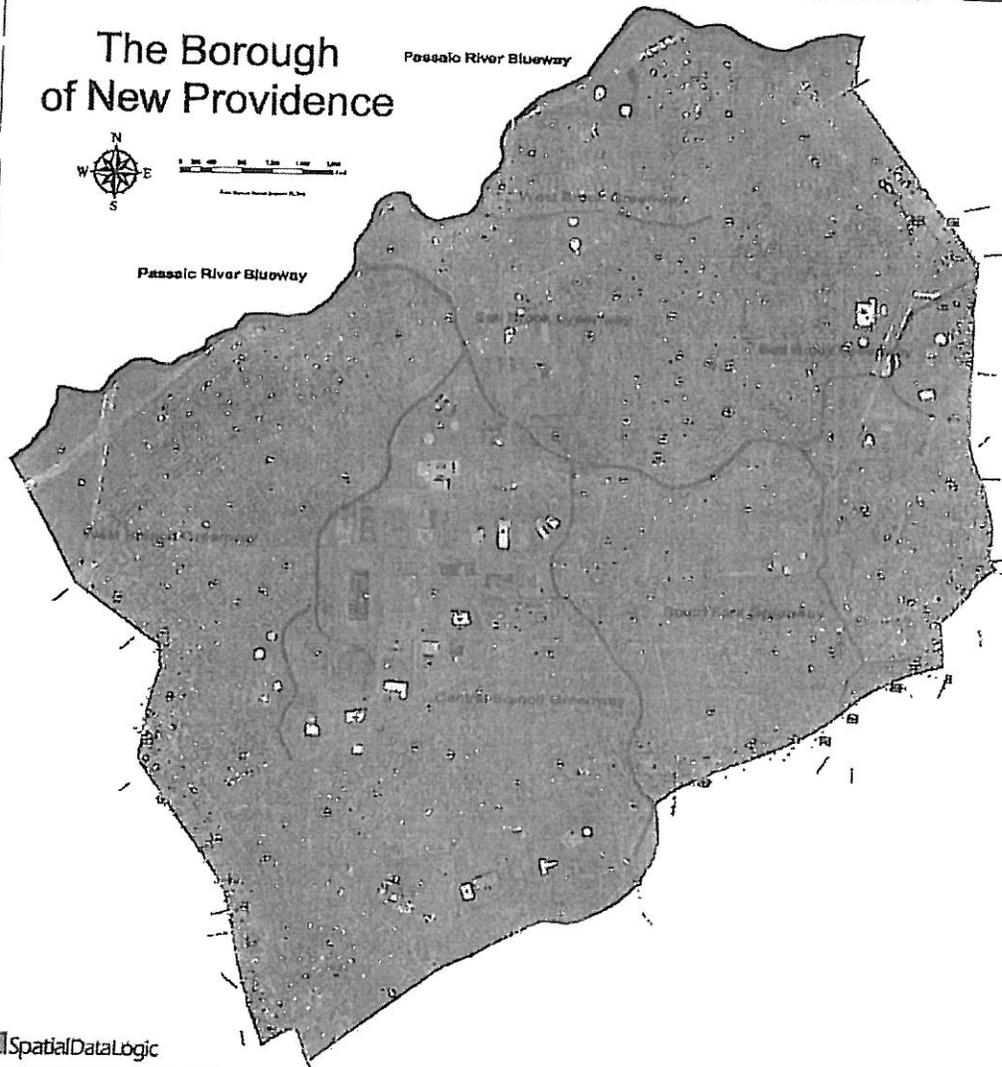
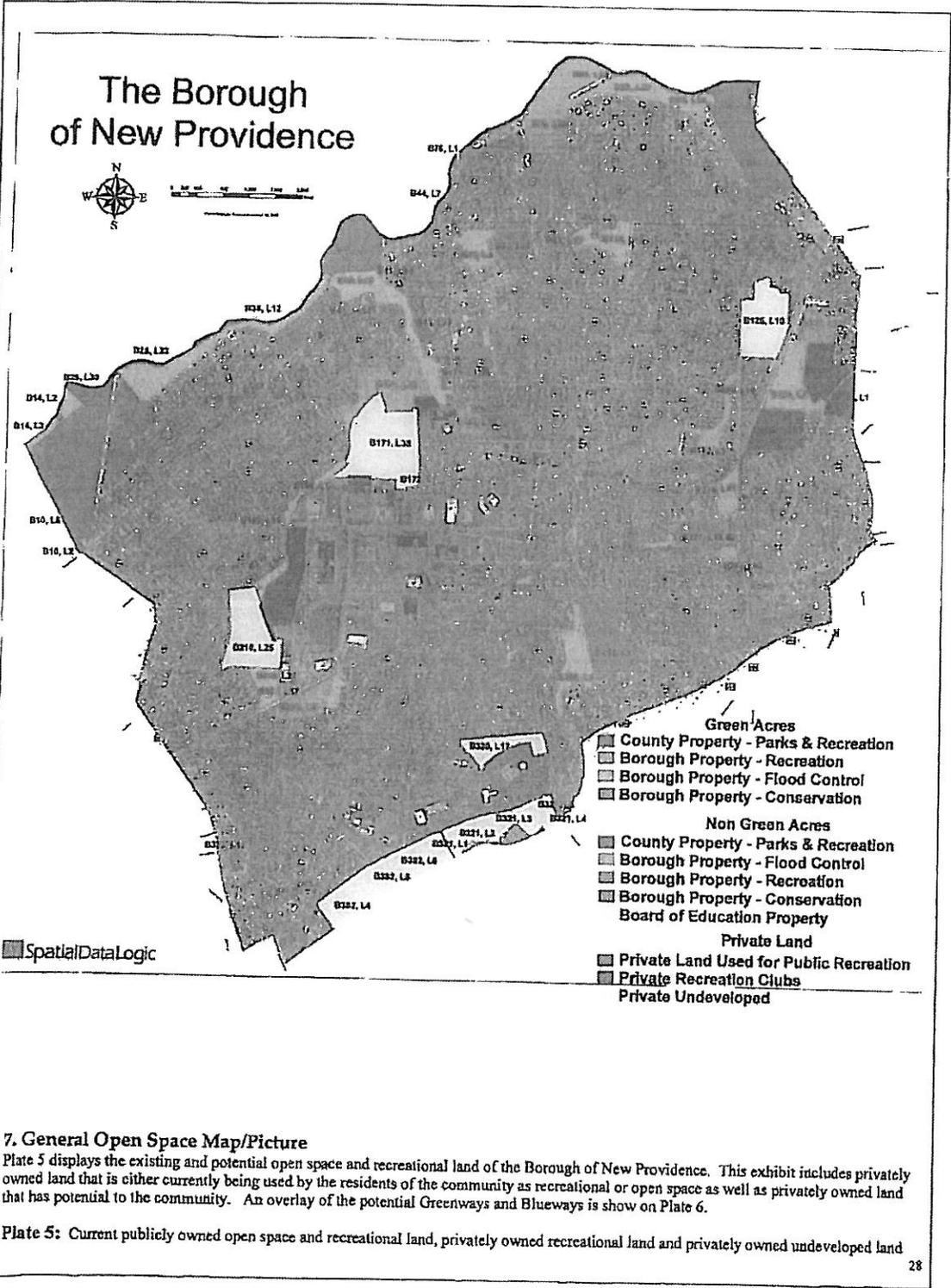


Plate 4: Potential Greenways and Blueways within the Borough of New Providence.



7. General Open Space Map/Picture

Plate 5 displays the existing and potential open space and recreational land of the Borough of New Providence. This exhibit includes privately owned land that is either currently being used by the residents of the community as recreational or open space as well as privately owned land that has potential to the community. An overlay of the potential Greenways and Blueways is shown on Plate 6.

Plate 5: Current publicly owned open space and recreational land, privately owned recreational land and privately owned undeveloped land

The Borough of New Providence

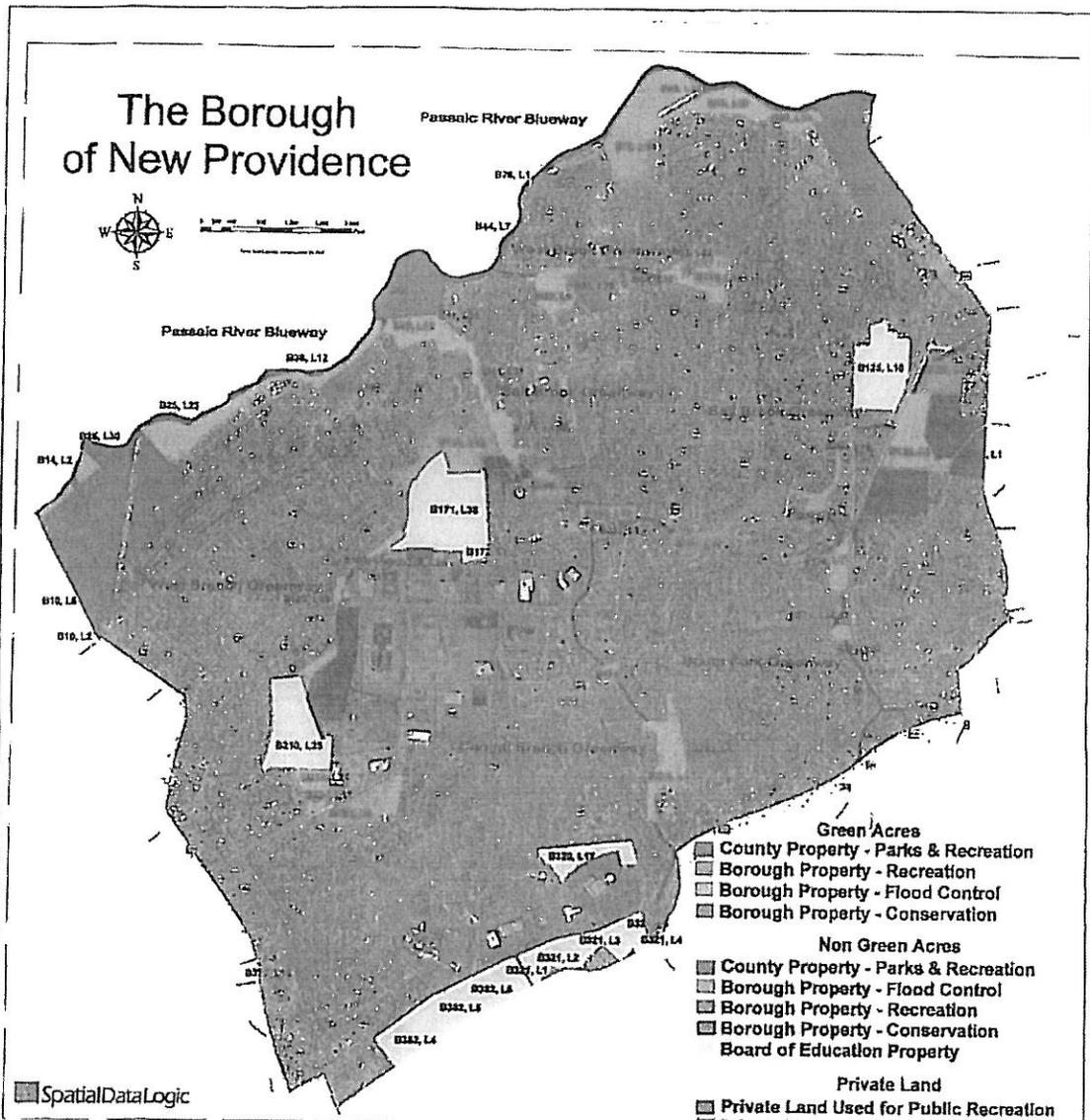
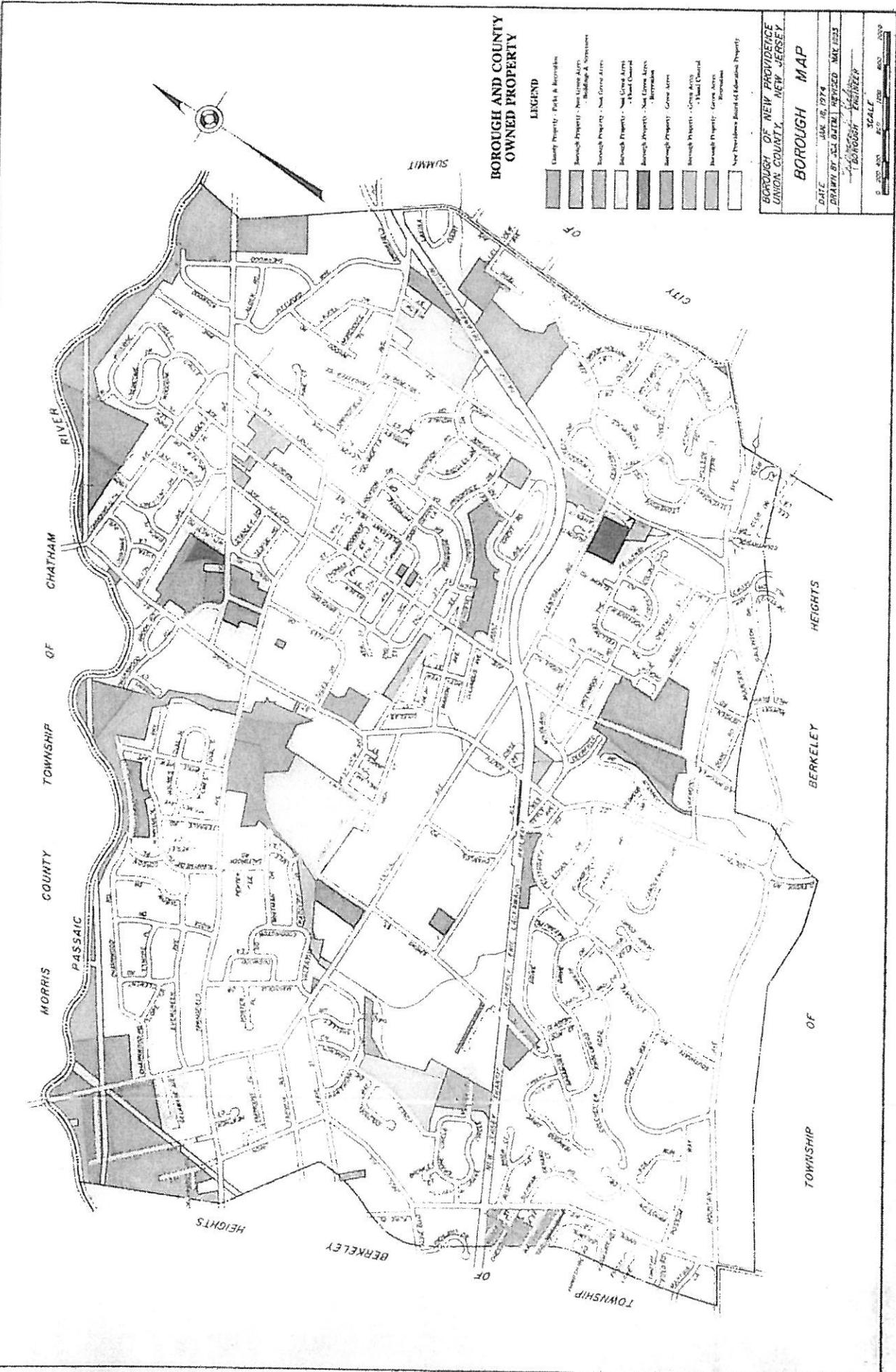


Plate 6: This plate provides a visual representation of the interaction of open space and recreation land with potential Greenways and Blueways.



BOROUGH AND COUNTY OWNED PROPERTY

- LEGEND**
- County Property - Parks & Recreation
 - Borough Property - Non Urban Areas - Buildings & Structures
 - Borough Property - Non Urban Areas - Land Cleared
 - Borough Property - Non Urban Areas - Irrigation
 - Borough Property - Urban Areas - Land Cleared
 - Borough Property - Urban Areas - Irrigation
 - Borough Property - Green Areas
 - Borough Property - Green Areas - Land Cleared
 - Borough Property - Green Areas - Irrigation
 - Not Possessed by Board of Education Property

**BOROUGH OF NEW PROVIDENCE
UNION COUNTY, NEW JERSEY**

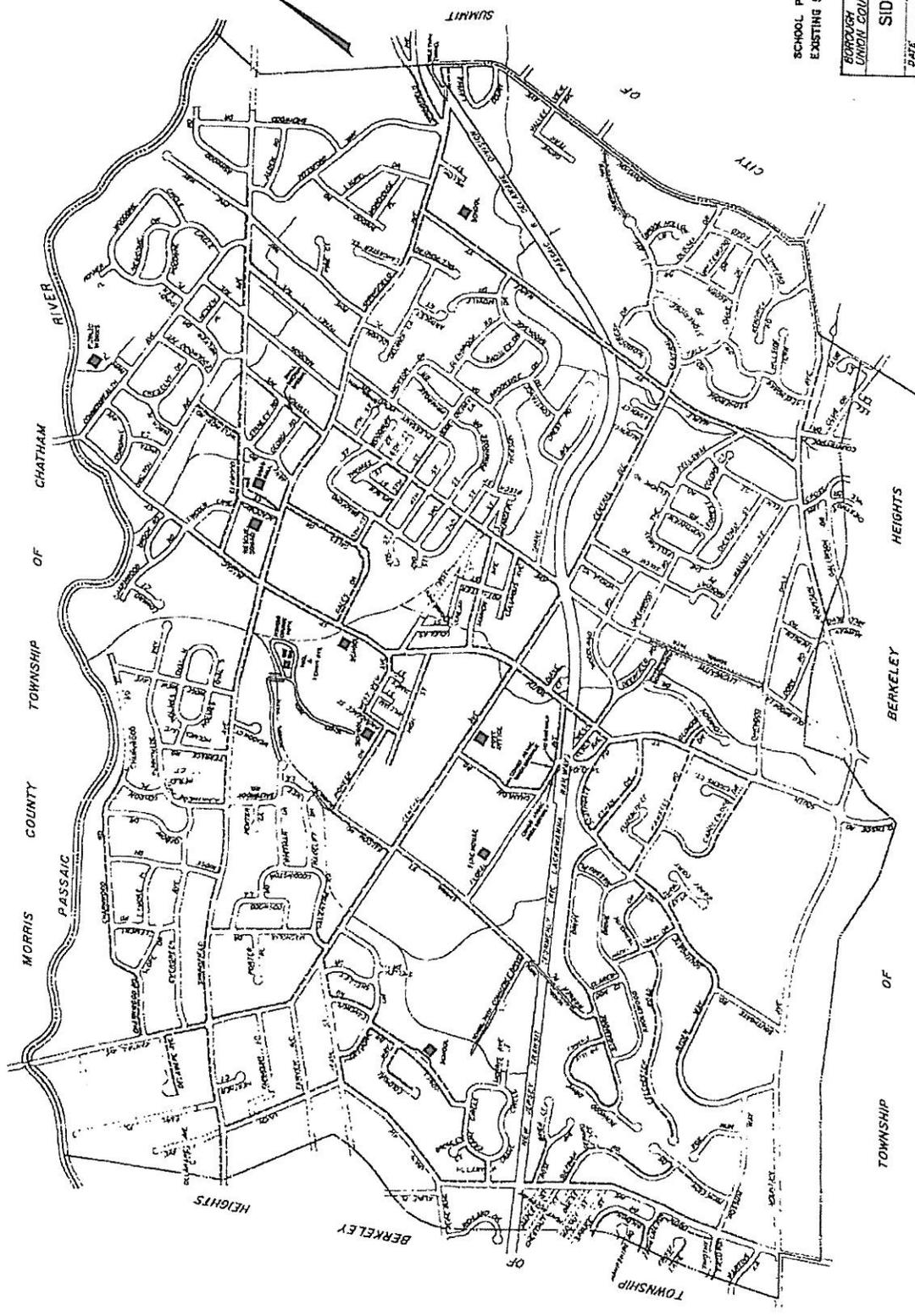
BOROUGH MAP

DATE: JAN. 18, 1974
 DRAWN BY: J.C. BATES, REVISED: MAY, 1973
 BY: J.C. BATES, ENGINEER

SCALE: 1" = 1000'

1000' 0' 200' 400' 600' 800' 1000'

ATTACHMENT 4



SCHOOL PATH
 EXISTING SIDEWALK

BOROUGH OF NEW PROVIDENCE
 UNION COUNTY, NEW JERSEY

SIDEWALK MAP

DATE: JAN 19, 1974
 DRAWN BY: J.C. BATA, REVISED: AUG 1979
 ENGINEER: J. BERGHOFF

SCALE
 1" = 100'

ATTACHMENT 5

**NATURAL RESOURCE
INVENTORY MAPS**

FOR

**MAPLEWOOD TOWNSHIP
ESSEX COUNTY NEW JERSEY**

August 2006

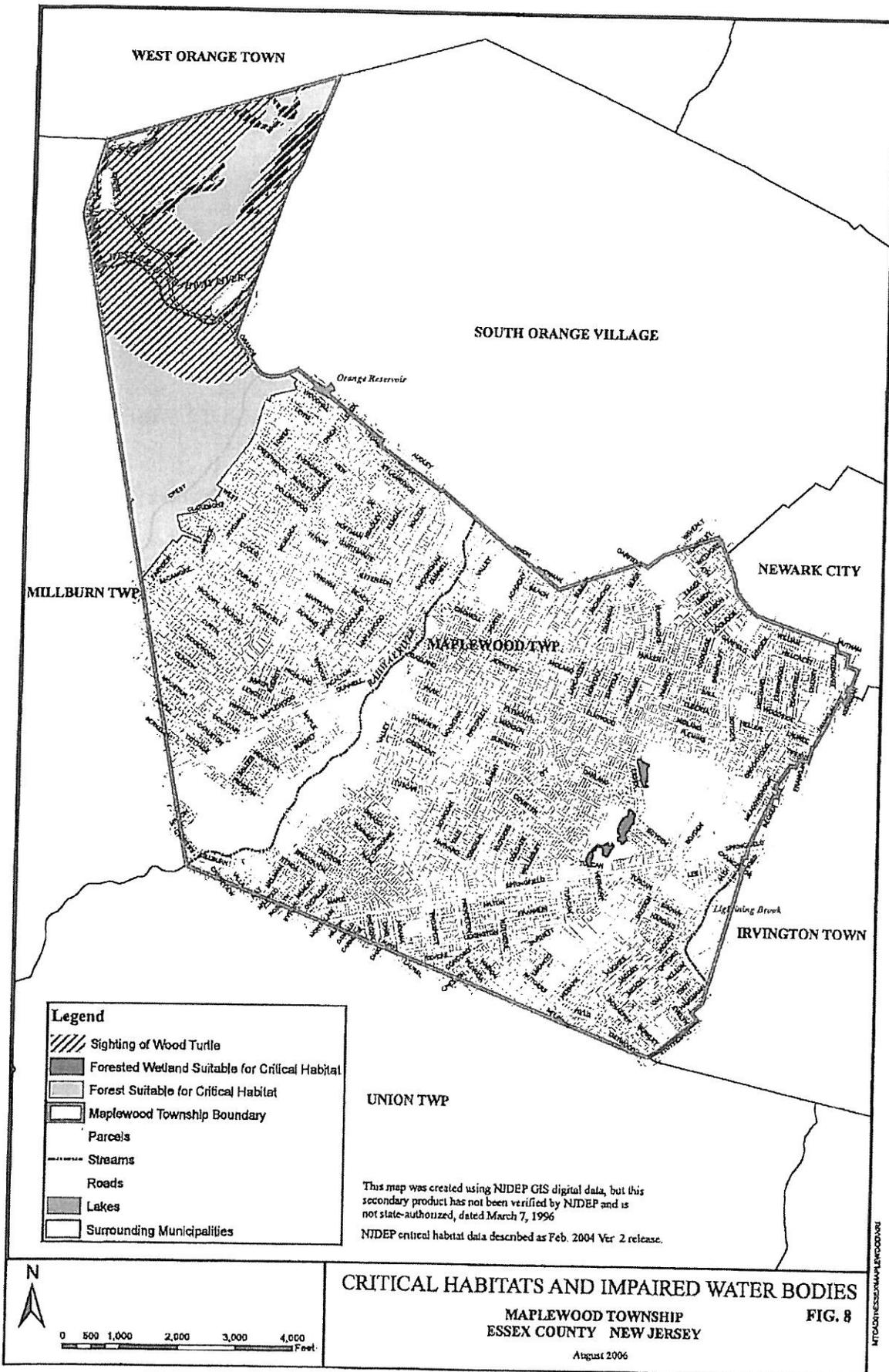
Prepared by



Environmental Resources Inventory
Township of Maplewood
Essex County, New Jersey

Completed August 24, 2006

Prepared by
Maser Consulting PA
200 Valley Road, Suite 400
Mount Arlington, NJ



WEST ORANGE TOWN

SOUTH ORANGE VILLAGE

MILLBURN TWP

NEWARK CITY

MAPLEWOOD TWP

IRVINGTON TOWN

UNION TWP

Legend

-  Sighting of Wood Turtle
-  Forested Wetland Suitable for Critical Habitat
-  Forest Suitable for Critical Habitat
-  Maplewood Township Boundary
-  Parcels
-  Streams
-  Roads
-  Lakes
-  Surrounding Municipalities

This map was created using NIDEP GIS digital data, but this secondary product has not been verified by NIDEP and is not state-authorized, dated March 7, 1996
 NIDEP critical habitat data described as Feb. 2004 Ver 2 release.



0 500 1,000 2,000 3,000 4,000 Feet

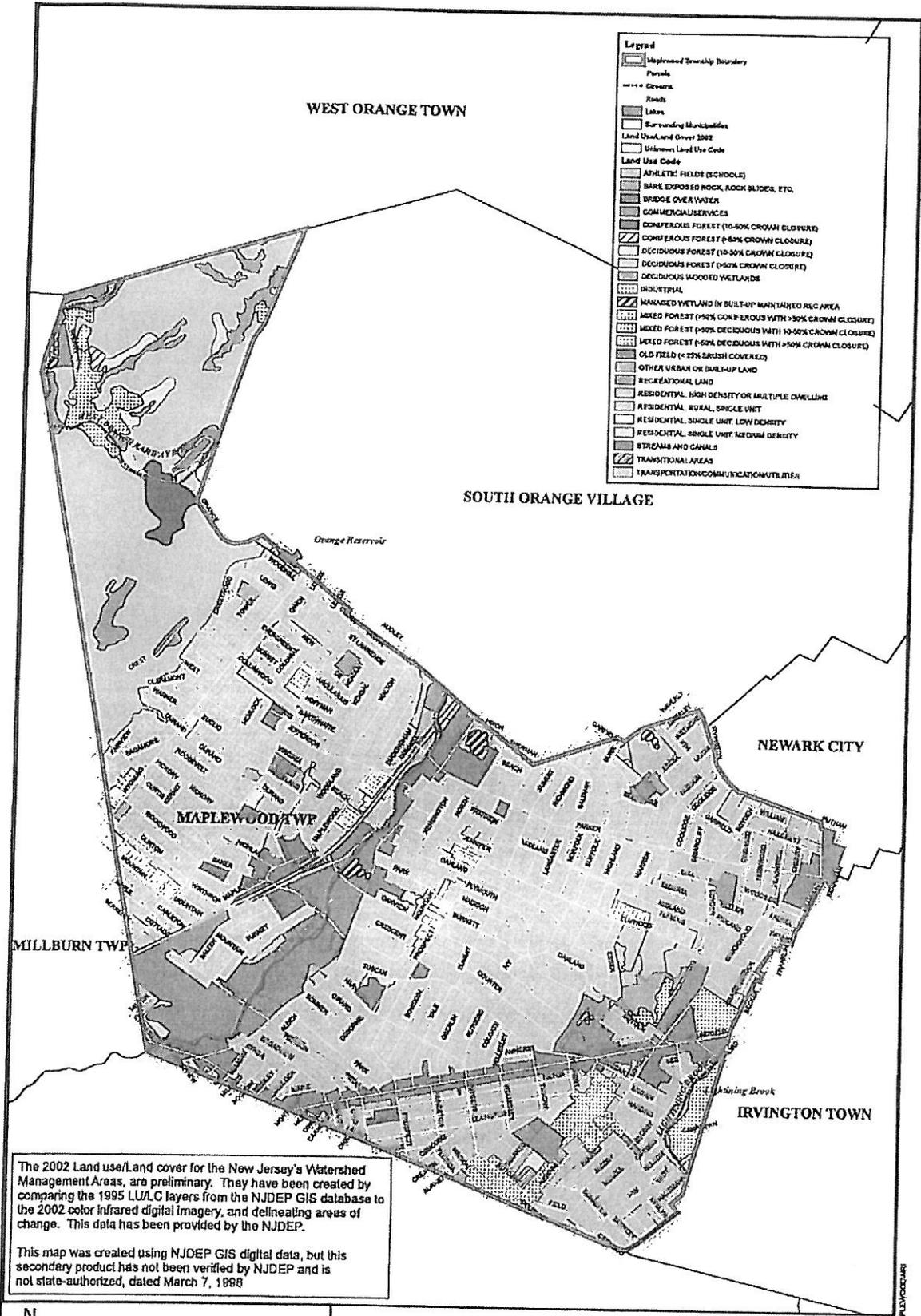
CRITICAL HABITATS AND IMPAIRED WATER BODIES

MAPLEWOOD TOWNSHIP
 ESSEX COUNTY NEW JERSEY

FIG. 8

August 2006

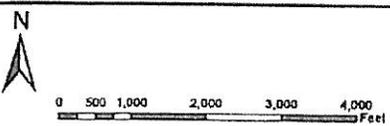
HT:\GIS\ESSEX\MAPLEWOOD\FIG.8



- Legend**
- Maplewood Township Boundary
 - Parcels
 - Canals
 - Roads
 - Lakes
 - Surrounding Municipalities
 - Land Use/Land Cover 2002
 - Unknown Land Use Code
 - Land Use Code**
 - ATHLETIC FIELDS (SCHOOLS)
 - BARE EXPOSED ROCK, ROCK SLIDES, ETC.
 - BRIDGE OVER WATER
 - COMMERCIAL SERVICES
 - CONIFEROUS FOREST (10-50% CROWN CLOSURE)
 - CONIFEROUS FOREST (>50% CROWN CLOSURE)
 - DECIDUOUS FOREST (10-50% CROWN CLOSURE)
 - DECIDUOUS FOREST (>50% CROWN CLOSURE)
 - DECIDUOUS WOODED WETLANDS
 - INDUSTRIAL
 - MANAGED WETLAND IN BUILT-UP MAINTAINED REC AREA
 - MIXED FOREST (>50% CONIFEROUS WITH >50% CROWN CLOSURE)
 - MIXED FOREST (>50% DECIDUOUS WITH >50% CROWN CLOSURE)
 - MIXED FOREST (>50% DECIDUOUS WITH >50% CROWN CLOSURE)
 - OLD FIELD (< 25% BRUSH COVERED)
 - OTHER URBAN OR BUILT-UP LAND
 - RECREATIONAL LAND
 - RESIDENTIAL, HIGH DENSITY OR MULTIPLE DWELLING
 - RESIDENTIAL, MED. DENSITY
 - RESIDENTIAL, SINGLE UNIT, LOW DENSITY
 - RESIDENTIAL, SINGLE UNIT, MED. DENSITY
 - STREAMS AND CANALS
 - TRANSITIONAL AREAS
 - TRANSPORTATION/COMMUNICATION UTILITIES

The 2002 Land use/Land cover for the New Jersey's Watershed Management Areas, are preliminary. They have been created by comparing the 1995 LULC layers from the NJDEP GIS database to the 2002 color infrared digital imagery, and delineating areas of change. This data has been provided by the NJDEP.

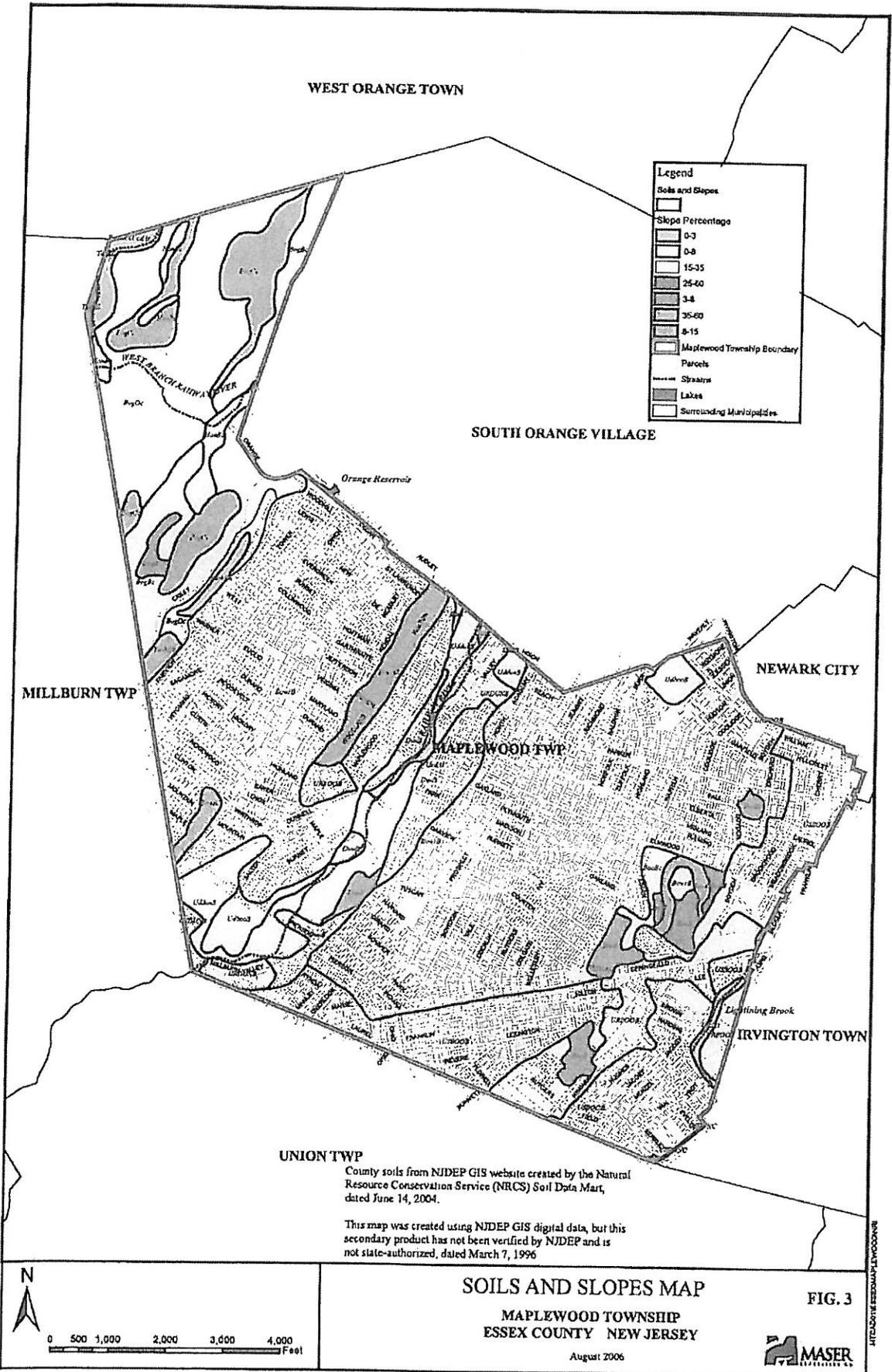
This map was created using NJDEP GIS digital data, but this secondary product has not been verified by NJDEP and is not state-authorized, dated March 7, 1998



LAND USE MAP
MAPLEWOOD TOWNSHIP
ESSEX COUNTY NEW JERSEY
 August 2006

FIG. 7

MTCADSWESTERNMUNICIPALITY



WEST ORANGE TOWN

Legend

- Soils and Slopes
- Slope Percentage
 - 0-3
 - 0-8
 - 15-35
 - 25-40
 - 3-8
 - 35-60
 - 8-15
- Maplewood Township Boundary
- Parcels
- Streams
- Lakes
- Surrounding Municipalities

SOUTH ORANGE VILLAGE

MILLBURN TWP

NEWARK CITY

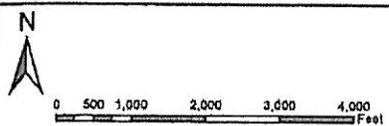
MAPLEWOOD TWP

IRVINGTON TOWN

UNION TWP

County soils from NJDEP GIS website created by the Natural Resource Conservation Service (NRCS) Soil Data Mart, dated June 14, 2004.

This map was created using NJDEP GIS digital data, but this secondary product has not been verified by NJDEP and is not state-authorized, dated March 7, 1996



SOILS AND SLOPES MAP

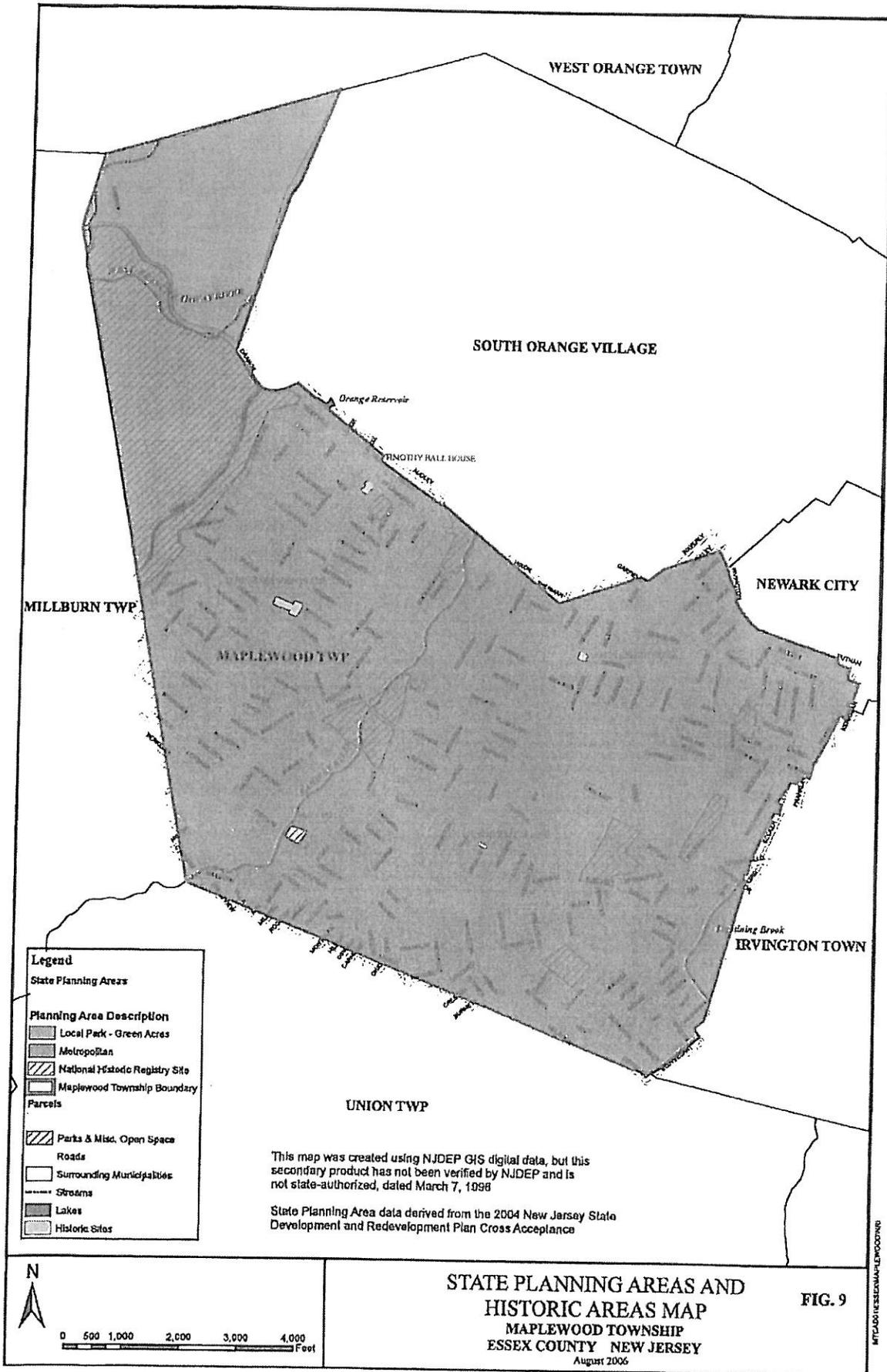
MAPLEWOOD TOWNSHIP
ESSEX COUNTY NEW JERSEY

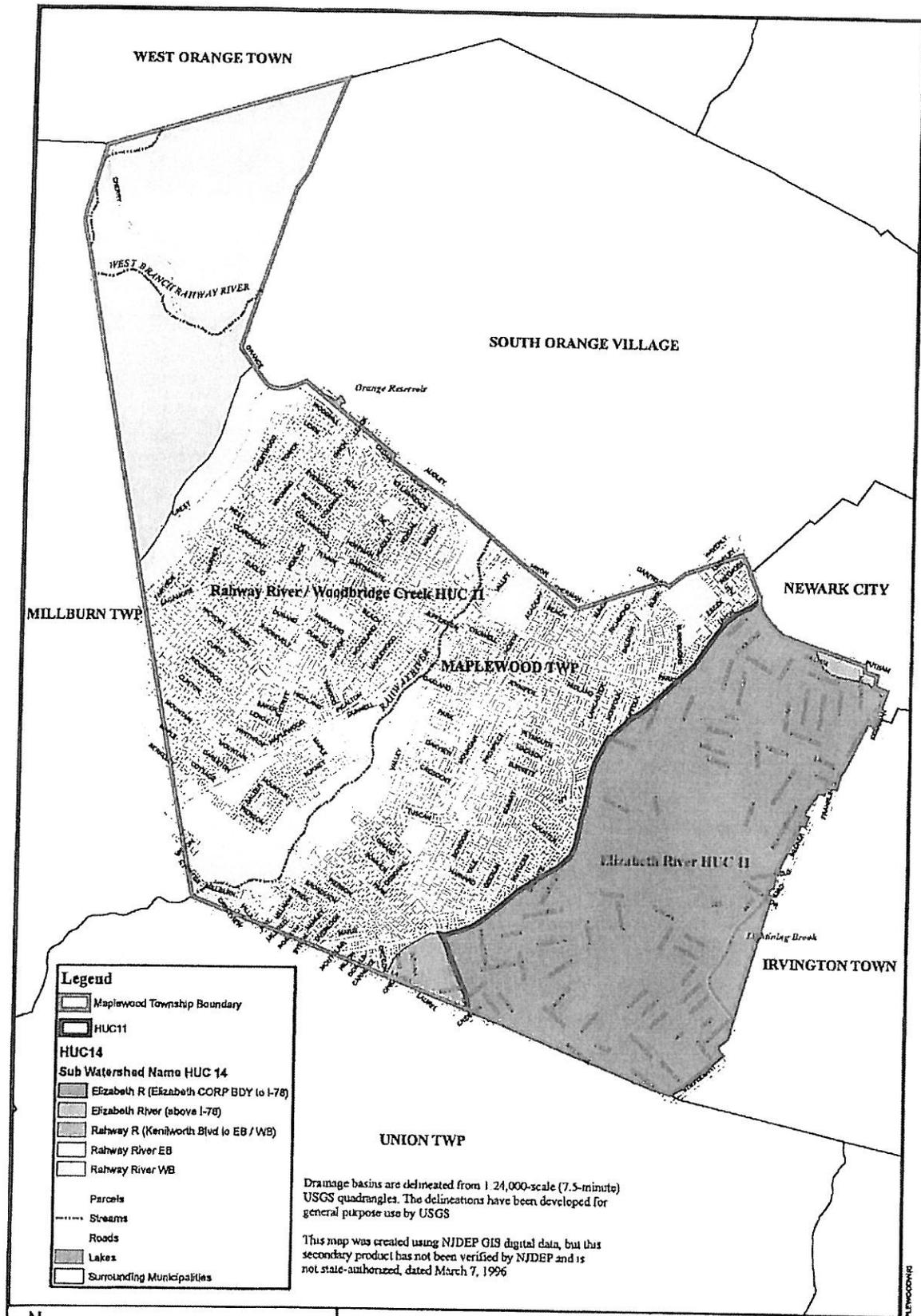
August 2006

FIG. 3



MTC/DAVID E. BISHOP/MAPLEWOOD

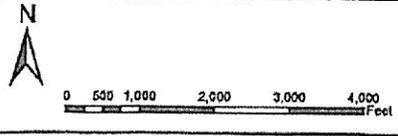




- Legend**
- Maplewood Township Boundary
 - HUC11
 - HUC14**
 - Sub Watershed Name HUC 14**
 - Elizabeth R (Elizabeth CORP BDY to I-78)
 - Elizabeth River (above I-78)
 - Railway R (Kenilworth Blvd to EB / WB)
 - Railway River EB
 - Railway River WB
 - Parcels
 - Streams
 - Roads
 - Lakes
 - Surrounding Municipalities

Drainage basins are delineated from 1:24,000-scale (7.5-minute) USGS quadrangles. The delineations have been developed for general purpose use by USGS

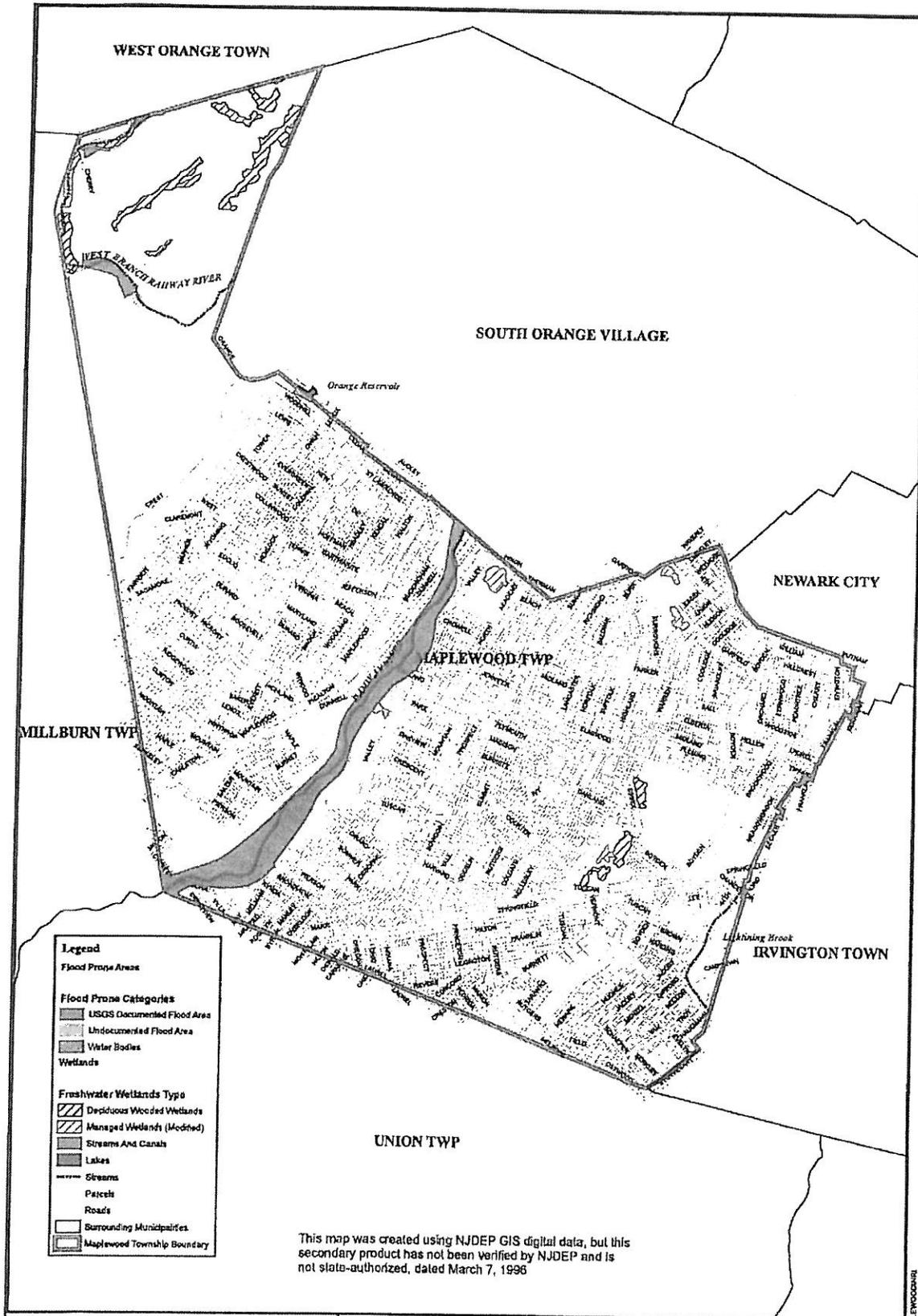
This map was created using NJDEP GIS digital data, but this secondary product has not been verified by NJDEP and is not state-authorized, dated March 7, 1996



WATERSHED MAP
MAPLEWOOD TOWNSHIP
ESSEX COUNTY NEW JERSEY
 August 2006

FIG. 6

MTC/JAC/ESSEX/ESSEX/NEWJERSEY



- Legend**
- Flood Prone Areas**
 - Flood Prone Categories**
 - USGS Documented Flood Area
 - Undocumented Flood Area
 - Water Bodies
 - Wetlands**
 - Freshwater/Wetlands Type**
 - Deciduous Wooded Wetlands
 - Managed Wetlands (Modified)
 - Streams And Canals
 - Lakes
 - Streams
 - Parcels
 - Roads
 - Surrounding Municipalities
 - Maplewood Township Boundary

This map was created using NJDEP GIS digital data, but this secondary product has not been verified by NJDEP and is not state-authorized, dated March 7, 1996



0 500 1,000 2,000 3,000 4,000 Feet

WETLANDS AND FLOODPRONE AREAS MAP FIG. 5
 MAPLEWOOD TOWNSHIP
 ESSEX COUNTY NEW JERSEY

August 2006

MTCADTIES2006MAPLEWOOD0201

To: Doug Marvin, New Providence Borough Administrator; and Mark Demareski,
Assistant Borough Engineer
From: John I. Glendinning, Chair, Sustainability Committee's Open Space Advisory Board
Re: 2011 Smart Growth Grant Program
Date: 12 March 2011

I am writing to provide enthusiastic support for the Borough's application to the 2011 Smart Growth Grant Program. The three proposed projects would greatly benefit New Providence.

The Borough's maps were last updated in 1993, and a lot of change has occurred since then. So, the proposed updates would seem critical, particularly given that the Borough has both bought and sold numerous parcels of land over the intervening 17 years. Further, new construction on non-Borough lands is not represented on the current maps. Finally, the Planning Board and all residents would benefit greatly from the ability to access accurate maps of the town on the Borough website.

The proposal to update the Borough sidewalk and trail maps would greatly benefit the residents of New Providence. The Sustainability Advisory Committee has often discussed the need to increase awareness among Borough residents about local hiking/biking trails and green spaces. We are also excited about the plan to produce a walking trail map that would link Berkeley Heights, New Providence and Summit. This is a stated goal of Union County, and the town of Summit is currently looking into creating a greenway along the Passaic River in Summit. So, our efforts would dovetail nicely with those of Summit. Finally, the creation of a linear park along the Passaic River would provide residents a beautiful area for hiking, biking, and simply enjoying nature.

The Sustainability Advisory Committee has lamented the absence of a natural/environmental resources inventory of the Borough. This granting mechanism would provide the means to accomplish this important goal. The plan to describe the local flora and fauna, and to classify the different regions of the Borough according to soil type, slope and wetlands would help the Planning Board make rational decisions about development and land use. It would also provide local residents will a more detailed understanding of the local ecology and wildlife. To this end, we encourage the Borough to post the natural/environmental resources inventory on the Borough Website.