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DEPARTMENT OF PLANNING & DEVELOPMENT

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August 12, 2009



Eileen Swan, Executive Director
Herbert August, Manager of Grants Administration
New Jersey Highlands Water Protection and Planning Council
100 North Road (Route 513)
Chester, NJ 07930-2322

**RE: Morris County Initial Assessment Report
Highlands Council Grant Number 09-033-010-1400**

Dear Ms Swan:

Enclosed please find one copy of the Morris County Initial Assessment Report completed in accordance with our grant agreement. Related Morris County geodatabase information (ROSI) is also provided. As per my understanding, once the report has been found to be technically complete, a letter will be sent to Morris County requesting that an invoice be submitted for payment. Please submit your response to my attention at the Morris County Department of Planning and Development.

County of Morris, Department of Planning & Development


Attn: Anthony Soriano

P.O. Box 900

Morristown, NJ 07963-0900

Thank you for your assistance in this matter.

Sincerely,


Anthony Soriano PP/AICP

Enclosures (2)

cc: Frank Pinto, Director (w/o enclosure)
Christine Marion, Planning Director (w/o enclosure)

HIGHLANDS INITIAL ASSESSMENT REPORT:
MORRIS COUNTY, NEW JERSEY

Prepared by the Morris County Planning Board

August 2009



Contents

Introduction	1
The Highlands and the County of Morris	2
Relationship of Major RMP Environmental Factors to County-Owned Lands Under Freeholder Authority.....	5
Plan Conformance.....	9
Assessment of Existing County Planning Documents for General Consistency With the Highlands Regional Master Plan.....	11
A. Master Plan – Assessment / General Consistency Review.....	13
B. County Regulations/Development Review Standards – Assessment / General Consistency Review.....	22
C. Environmental and Infrastructure Capacity – Assessment / General Consistency Review.....	26
D. Other Plan Conformance Key Requirements.....	30
RMP Update.....	31
Estimate of County Cost to Achieve Basic Plan Conformance.....	32
Appendix 1 - Plan Conformance for Counties – Key Requirements	
Appendix 2 - RMP Update Documentation	

INTRODUCTION

This document was prepared in accordance with the New Jersey Highlands Council "Initial Assessment" grant program. This program supports municipal and county efforts to make a preliminary assessment of the Highlands Regional Master Plan (RMP) and its relationship to local master plans and development regulations. This Initial Assessment Report provides a general review of consistency between the planning documents of the County of Morris and the Highlands RMP using the Highlands Council's "Plan Conformance for Counties - Key Requirements" document as a guide. This report also includes information concerning RMP Updates (corrections) related to County-owned open space and a general cost estimate associated with the achievement of "Basic Plan Conformance." Information describing the relationship between various Highlands natural resource categories and County-owned properties in both the Highlands Planning and Preservation Area is also included.

While containing information related to both the Preservation and Planning Areas of the Highlands Region, Morris County is not at this time seeking Plan Conformance for that part of the County located in the Highlands Planning Area. All reference to "conformance" or "consistency" as pertains to the County of Morris concerns the Preservation Area only. Nothing in this report should be interpreted as intent by the County of Morris to seek Plan Conformance in the Planning Area of the Highlands Region.

It must be noted that, as of the writing of this report, there continues to be unanswered questions regarding the substance of "conformance" and the authority granted to the Highlands Council by the Highlands Act. The Highlands Act requires the County of Morris to conform its master plans and associated development regulations, for those areas in the Preservation Area, to the Highlands RMP. In addition, the Highlands Council has stated its intention that the County of Morris also adopt Highlands regulations, goals, policies, objectives and plans that would limit the use and management of County-owned property under the jurisdiction of the Morris County Board of Chosen Freeholders and would require the County of Morris to develop various plans, analysis and studies related to County-owned property. The Planning Board has questioned whether the Highlands Council has the authority to require additional planning and regulatory actions in association with County-owned property not otherwise specified in the Highlands Act. Clarification has been requested from the Highlands Council on this matter.

The "Plan Conformance for Counties - Key Requirements" document refers to the management of County capital facilities and County-owned lands under the purview of the Board of Chosen Freeholders. While addressing the topics of the Key Requirement document as part of this assessment, preparation of this Initial Assessment Report does not imply agreement by the County of Morris Board of Freeholders or Morris County Planning Board to make any changes to any plans, regulations or management policies related to the use and/or management of County-owned properties under the authority of the Board of Chosen Freeholders. Preparation of this Initial Assessment Report also does not imply endorsement or affirmation of any information, data or goal, policy, objective, recommendation or strategy policy contained in the Highlands Regional Master Plan, related technical reports or any other information developed by the New Jersey Highlands Council.

This report reflects requirements and information available at the time of its development.

THE HIGHLANDS AND THE COUNTY OF MORRIS

The Highlands Water Protection and Planning Act (Act) became law in August of 2004.¹ The Act seeks to restrict development on over 800,000 acres of land in New Jersey, defined in the Act as the “Highlands Region.” This region includes 88 municipalities and portions of seven north and central New Jersey counties. Pursuant to the Act, the Highlands Water Protection and Planning Council (Highlands Council) was formed and assigned the task of developing a Regional Master Plan for the Highlands Region. The Highlands Regional Master Plan (RMP) was adopted and approved by the Highlands Council on July 17, 2008 and went into effect on September 8, 2008.

The Act divides the Highlands Region into the Highlands Preservation Area and the Highlands Planning Area. The RMP addresses the entire Highlands Region. For the Preservation Area, local government conformance with the RMP is mandatory. For the Planning Area, local government conformance with the RMP is voluntary. Any municipality or county located partially within the Preservation Area and partially within the Planning Area is required to comply with the provisions of the Highlands Act and the RMP only with respect to that portion of the municipality or county lying within the Preservation Area.

In Morris County, 32 municipalities are within the Highlands Region. Of these, 13 are included, in whole or in part, within the Highlands Preservation Area. In total, the Preservation Area includes about 188 square miles or about 39 percent of the total area of Morris County. Municipalities partially or wholly within Highlands Preservation Area include: Boonton Township, Chester Township, Denville Township, Jefferson Township, Kinnelon Borough, Montville Township, Mount Arlington Township, Mount Olive Township, Pequannock Township, Randolph Township, Rockaway Township, Roxbury Township, and Washington Township.

THE HIGHLANDS REGIONAL MASTER PLAN (RMP)

The RMP is partitioned into six major chapters and addresses ten major focus areas which are foundation along which all analysis, goals, policies, objectives and implementation strategies are based.²

CHAPTERS	CONTENT
Introduction	Describes Highlands background and history.
Analysis of Community Character	Explains what is unique about the Highlands Region.
Analysis of Region	Identifies natural resource conditions.
Goals, Policies and Objectives	Goals, policies and objectives identified. Identifies some standards and anticipated regulations.
Programs	Addresses objectives and policies considered readily actionable; adds implementation details, identifies some future actions, including anticipated implementation programs.
Implementation	Outlines conformance procedures, development review procedures, monitoring activities and next steps.

¹ Highlands Water Protection and Planning Act, P.L. 2004, c. 120.

² In addition, there are 15 Technical Reports developed in support of the RMP which can be found at <http://www.highlands.state.nj.us/njhighlands/master/index.html>

FOCUS AREAS	CONTENT
Natural Resources	Describes natural resources in the Region as defined by the RMP and the protection strategies.
Water Resources and Water Utilities	Includes policies associated with establishment of capacity limitations on water and wastewater infrastructure.
Agricultural Resources	Defines land management and land use policies necessary to sustain and preserve agricultural resources and a viable agricultural industry.
Historic, Cultural, Archaeological and Scenic Resources	Includes strategies to address the existing status and threats to the highlands Regions' historic, cultural, archaeological and scenic assets.
Transportation	Identifies policies and programs to address transportation system capacity and transportation system preservation and enhancement measures.
Future Land Use	Includes policies addressing land use, smart growth, community design and housing.
Landowner Equity	Defines TDR policies and strategies.
Sustainable Economic Development	Evaluates regional employment and income conditions and baseline economic indicators
Air Quality	Describes the connection between land development patterns, automobile transportation and air pollution.

The RMP contains approximately 700 goals, policies and objectives (GPOs). These GPOs are organized by the focus areas identified above. Additional goals are also provided with regard to "Local Participation" which defines coordination and implementation policies involving municipal and county government.

The bulk of the RMP analysis, GPOs, and implementation strategies concern four groups of "Highlands Resources." These are "Natural Resources" (Forest Resources, Highlands Open Waters and Riparian Areas, Steep Slopes, Critical Habitat, Land Preservation and Stewardship, Carbonate Rock Topography, Lakes, Ponds and Reservoirs) "Water Resources" (Water Quality, Availability and Use, Ground Water recharge Areas, Water Quality, Water Supply Utilities, Wastewater Utilities, Septic System Capacity), "Agricultural Resources" and "Historic, Cultural, Archeological, and Scenic Resources."

With only few exceptions, the RMP treats the Preservation Area and the Planning Area identically. The most significant difference is in the treatment of acceptable nitrate dilution standards. In the Planning Area, the RMP includes a set of nitrate dilution standards developed by the Highlands Council during the preparation of the RMP. In the Preservation Area, the RMP incorporates septic density standards developed and adopted by the NJDEP long before the Highlands Council completed its analysis of the Highlands Region.

Land Use Capability Map

Based on the GPOs, future land use for the entire Highlands Region is organized on the framework of the Land Use Capability Map (LUCM). The LUCM is defined as a series of **5 maps**, which include Overlay Zones, Water Availability, Public Community Water Capacity, Domestic Sewerage Facilities and Septic System Yields. A total of seven overlay zones are identified (three zones and four subzones). Boundary locations were generated through introduction of an interactive LANDS (Land Use Analysis Decision Support) model, which uses a set of land use indicators to generate a final overlay zone designation. The LUCM makes no distinction between the Preservation Area and the Planning Area. The overlay zones are described below.

Zones

- **Protection Zone:** Highest resource value lands. Development extremely limited with stringent limitations on water use, degradation of water quality and impacts on environmentally sensitive lands. Land acquisition a high priority.
- **Conservation Zone:** Areas with significant agricultural lands interspersed with environmental features to be preserved when possible. Non-agricultural activities are to be limited due to infrastructure constraints and resource protection goals.
- **Existing Community Zone:** Areas with regionally significant concentrated development, few environmental constraints, which may have infrastructure with potential to support additional development, subject to further capacity analysis.

Sub-Zones

- **Conservation Zone / Environmentally Sensitive Sub-zone:** Includes significant environmental features in the Conservation Zone that should be protected from non-agricultural activities. Development will be limited and subject to stringent limitations on consumptive and depletive water use, degradation of water quality and impacts to environmentally sensitive lands.
- **Existing Community Zone / Environmentally Sensitive Sub-zone:** Includes significant contiguous critical habitat, steep slopes and forested lands within the Existing Community Zone to be protected from further fragmentation. Development subject to stringent limitations on consumptive and depletive water use, degradation of water quality and impacts to environmentally sensitive lands.
- **Lake Community Sub-zone:** Includes patterns of community development within the Existing Community Zone within 1000 feet of lakes of 10 acres or greater in size. Unique protection "Tiers" address water quality, shoreline protection and scenic features.
- **Wildlife Management Sub-zone:** Consists of areas managed by the US Fish and Wildlife Service (National Wildlife Refuge System) and Wildlife Management Area System administered by the NJDEP Division of Fish & Wildlife Bureau of Land Management.

RELATIONSHIP OF MAJOR RMP ENVIRONMENTAL FACTORS TO COUNTY-OWNED LANDS UNDER BOARD OF CHOSEN FREEHOLDER AUTHORITY

Pursuant to Section C.13:20-16 of the Highlands Act, the County is required to submit any capital or other project that involves the ultimate disturbance of two acres or more of land or a cumulative increase in impervious surface by one acre or more to the Highlands Council for review, with some exceptions.³ For projects in the Preservation Area, the Highlands Council has the power to approve, approve with conditions or disapprove the projects. Projects in the Planning Area must be submitted for “non-binding” review by the Council.

A study was conducted by County planning staff to determine the amount of County-owned lands under the authority of the Morris County Board of Chosen Freeholders that would be potentially restricted in terms of use through the application of Highlands defined resource areas/environmental constraints.⁴ This study was limited to environmental factors posted on the Highlands Website and available as GIS downloads. “Highlands Resources” GIS data sets used for this examination included: Wellhead Protection Areas, Lake Management Areas, Riparian Areas, Highland Open Waters Protection Areas, Groundwater Recharge Areas, Critical Habitat, Vernal Pools and Steep Slopes.⁵ Pursuant to the Highlands RMP, these resource areas are to be avoided. If disturbance is permitted by the Highlands Council, actions will be required to minimize and mitigate impacts. The Highlands Council will develop specific regulations/standards to be applied in association with these various resource areas to be used by the County in its review of development applications.

Preservation Area

Within the Preservation Area, the Morris County GIS Division identified 10,529 acres of County-owned lands under the Freeholder Board’s authority, composed primarily of parks and related open space. Any disturbance proposed for these lands in association with County recreation and/or other goals will be subject to Highlands Council and NJDEP oversight and approval, provided the related activity is not found to be exempt and associated disturbance thresholds are met.⁶ The extent to which the Highlands Council will limit the use of these lands for their intended purpose is presently unknown.

Large County landholdings in the Preservation Area include the Pyramid Mountain Natural Area, Silas Condict Park, Bamboo Brook Outdoor Education Center, Black River Park and the Berkshire Valley Golf Course. Of the 10,529 acres of County-owned lands identified, only 36 acres of undeveloped⁷ land were found not to be associated with one or more of the Highlands resources/constraints reviewed.

³ Under Section C.13:20-16, no submission is required for the routine maintenance and operations, rehabilitation, preservation, reconstruction or repair of transportation or infrastructure systems, provided the activity is consistent with the goals and purposes of the Act and does not result in the construction or any new through-capacity travel lanes, or the construction of transportation safety projects and bicycle and pedestrian facilities, provided that the activity does not result in the construction of any new through-capacity travel lanes.

⁴ Excluding water deficit HUCs, infrastructure, NJDEP Highlands regulations (N.J.A.C. 7:38 et seq.).

⁵ All VECTOR data except vernal pools. Vernal Pools RASTER data converted to VECTOR for study

⁶ In addition to the Highlands Council, all lands in the Preservation Area are also subject to NJDEP “Highlands Rules” found at N.J.A.C. 7:38 et. seq.

⁷ NJDEP Land Use / Land Cover used to determine land already developed/disturbed.

Planning Area

Morris County has not chosen to conform to the RMP for lands included in the Planning Area. However, the Highlands resources/constraints were also examined in relation to County-owned properties in the Planning Area to determine the extent to which they would be impacted if conformance for this area was sought in the future. Preliminary analysis identifies 6,764 acres of County-owned lands in the Planning Area. Of this amount, only 53 acres of undeveloped land were found not impacted by the Highlands RMP constraints.

Highlands "Special Environmental Zones"

County staff also examined the location of Highlands Special Environmental Zones (SEZ) in the Preservation Area to determine whether any County-owned lands were affected. Special Environmental Zones are only located in the Preservation Area and delineate areas where the Highlands Council determined that development "shall not occur" to protect water resources and environmentally sensitive lands. The criteria to select these areas include: RMP Conservation Priority Area Rank, and the potential to a) protect water supply reservoirs and other critical water features, b) create large contiguous areas of environmentally sensitive lands, c) create habitat corridors, and d) connect existing preserved open space.

County staff used the Highlands Website "Interactive Map"⁸ to identify the location of the Special Environmental Zones and found that approximately 6,530 acres in 94 parcels are classified as Special Environmental Zone in Morris County. This acreage represents about 34% of the approximately 19,000 acres of Special Environmental Zones found in the entire Highlands Region. **Based on this review, none of the Special Environmental Zones appear to include property under the authority of the Morris County Freeholders.** Most of these lands are privately owned. The following Table summarizes the classification of these properties as determined using the Highlands interactive mapping tool. Release of the related Highlands GIS layer will be required to verify these findings.

Special Environmental Zone - Morris County Preservation Area = 6,529+ acres / 94 Parcels	
Private Ownership - 5,966 acres (91%)	
State Ownership - 415 acres (6%)	
Municipal and "unknown" - 148 acres (3%)	
Of 6,529 Acres:	
49% = Farm Assessed	
41% = Vacant	
8.5% = Residential	
1.5% = State/Local	
Of 6,529 Acres:	
Jefferson = 48%	
Rockaway = 27%	
Kinnelon = 13%	
Mt. Olive = 5%	
Washington = 4%	
Boonton Twp. = 2%	
Montville = 1%	

⁸ As of this writing, the Highlands Council has not posted a Special Environmental Zone GIS layer.

RMP Land Use Capability Zones as Applicable in the County of Morris in the Highlands Region

Zone / Sub-Zone	Morris County Preservation Area	Morris County Planning Area	Total Acres - Morris County Highlands Region	Percent of Zone in Morris County Highlands Region
Existing Community	11,456	70,472	81,948	29.7
Existing Community /Environmental Subzone	3,023	18,559	21,582	7.8
Lake Community Subzone	1,919	8,681	10,600	3.8
Conservation	3,105	2,486	5,591	2.0
Conservation / Environmental Subzone	6,558	2,586	9,144	3.3
Protection	81,846	48,744	130,590	47.4
Wildlife Management	12,248	3,957	16,205	5.9
Morris County Highlands Region	120,155	155,485	275,640	100%

Source: Morris County GIS

RMP Land Use Capability Zoning as Applicable to Morris County-Owned Lands in the Highlands Region

Zone / Sub-Zone	Morris County-Owned Land - Preservation Area	Morris County-Owned Land - Planning Area	Total Acres - Morris County-Owned Lands - Highlands Region	Percent of Zone applied to Morris County-Owned Land in Highlands Region
Existing Community	95	1,030	1,125	6.5
Existing Community /Environmental Subzone	99	1,383	1,482	8.5
Lake Community Subzone	127	35	162	1
Conservation	92	0*	92	0.5
Conservation / Environmental Subzone	553	0*	553	3.2
Protection	9,548	4,315	13,864	80.2
Wildlife Management	15**	0**	15	0.1
Morris County Highlands Region	10,529	6,764	17,293	100%

Source: Morris County GIS * Less than 1 acre.
Totals may not add due to rounding.

**Based on Highlands RMP definitions, no County-owned lands should be in the Wildlife Management category. This category is reserved for lands managed by the U.S. Fish and Wildlife Service and by the NJDEP Division of Fish and Wildlife, Bureau of Land Management. A correction (update) by the Highlands Council is required.

The extent to which application of Highlands constraints in the Preservation Area impact the use of these lands for their intended purpose is presently unknown. The development of recreation and associated uses on government lands is not exempt from the RMP or the Highlands Act.

Highlands “Special Environmental Zones”

County staff also examined the location of Highlands Special Environmental Zones (SEZ) in the Preservation Area to determine whether any County-owned lands were affected. Special Environmental Zones are only located in the Preservation Area and delineate areas where the Highlands Council determined that development “shall not occur” to protect water resources and environmentally sensitive lands. The criteria to select these areas include: RMP Conservation Priority Area rank, and the potential to a) protect water supply reservoirs and other critical water features, b) create large contiguous areas of environmentally sensitive lands, c) create habitat corridors, and d) connect existing preserved open space. .

Staff used the Highlands Website “Interactive Map”⁹ to identify the location of the Special Environmental Zones. Approximately 6,530 acres in 94 parcels are classified as Special Environmental Zone in Morris County. This acreage is about 34% of the approximately 19,000 acres of Special Environmental Zones found in the entire Highlands Region. **None of the Special Environmental Zones include property under the authority of the Morris County Freeholders.** Most of these lands are privately owned. The following Table summarizes the classification of these properties as determined using the Highlands interactive mapping tool. Release of the related Highlands GIS layer will be required to verify these findings.

Special Environmental Zone - Morris County Preservation	
Area = 6,529+ acres / 94 Parcels	
Private Ownership - 5,966 acres (91%)	
State Ownership - 415 acres (6%)	
Municipal and “unknown” - 148 acres (3%)	
Of 6,529 Acres:	
49% = Farm Assessed	
41% = Vacant	
8.5% = Residential	
1.5% = State/Local	
Of 6,529 Acres:	
Jefferson = 48%	
Rockaway = 27%	
Kinnelon = 13%	
Mt. Olive = 5%	
Washington = 4%	
Boonton Twp. = 2%	
Montville = 1%	

⁹ As of this writing, the Highlands Council has not posted a Special Environmental Zone GIS layer.

PLAN CONFORMANCE

As per the Highlands Act:

"Within nine to 15 months after the date of adoption of the regional master plan each county located wholly or partially in the preservation area shall submit to the council such revisions of the county master plan and associated regulations, as applicable to the development and use of land in the preservation area, as may be necessary in order to conform them with the goals, requirements, and provisions of the regional master plan. Any county located partially within the preservation area and partially within the planning area shall be required to comply with the provisions of this section and the regional master plan only with respect to that portion of the municipality or county lying within the preservation area."

The Highlands RMP went into effect on September 8, 2008. Under the Act's timelines, the County of Morris must submit a petition for plan conformance concerning that part of the County in the Preservation Area by December 8, 2009. The County of Morris has elected to pursue Plan Conformance as required by the Act pertaining only to those areas of the County located within the Preservation Area.

Plan Conformance Process

The Highlands Council permits Plan Conformance to be accomplished through a phased process. These two phases are identified as "Basic Plan Conformance" and "Plan Conformance (Full)." Essentially, the County must apply for "Plan Conformance" as pertains to the Preservation Area, but it may apply for "Basic" level approval as a first step toward achievement of Full Plan Conformance. Given the anticipated scope of work required for Full Plan Conformance, the minimal time allotted by the Act to petition for Plan Conformance, and the need by the Highlands Council to complete its determination of specific requirements related to many Plan Conformance items, the Highlands Council has recommended that all counties pursue Basic Plan Conformance for the Preservation Area as the first step in the conformance process.

Basic Plan Conformance is designed to accomplish immediate mandatory conformance requirements by the December 8, 2009 deadline. The purpose of Basic Plan Conformance is to incorporate county-relevant Highlands goals, policies objectives and standards into the County Master Plan and incorporate Highlands standards into the County Land Development Standards to be used in the review of applications for non-exempt activities in the Preservation Area. The Highlands Council also intends to apply these GPOs and standards to County-owned facilities, improvement projects and operations, and to County management plans in the Preservation Area, which as indicated, remains an issue.¹⁰ Basic Plan Conformance will entitle the County to all rights and benefits of Plan Conformance (Full) provided the County agrees to complete the long term conformance tasks as approved by the Highlands Council.¹¹

¹⁰ The extent to which the Highlands Council has the authority to regulate county capital facilities planning and the use of county lands is still in question. This report relates the intent of the Highlands Council as per the guidance documents provided. Identification of this intent does not imply affirmation with regard to the authority of the Highlands Council to require additional plan development and capacity analysis with regard to County-owned lands.

¹¹ Highlands RMP, page 368.

Adoption of Highlands goals, policies, objectives and regulatory standards pertaining to various master plan elements and development regulations can be accomplished through:

- a) adoption of the entire RMP by reference;
- b) adoption of a Highlands master plan and development regulation supplements to existing county master plans and regulations; or
- c) through amendments to all existing master plans and regulations to include all relevant Highlands GPOs.

Plan Conformance (Full) will require the undertaking of complex, long-term conformance tasks that cannot be completed during the initial petition period. These tasks may include significant amendments to existing planning documents, the creation of entirely new planning documents, new planning analysis and studies. The requirements for Plan Conformance (Full) will be established during the Basic Plan Conformance process and completed in accordance with a Council approved implementation plan and schedule outlining the steps needed to achieve Full Plan Conformance with the RMP. There is no mandated completion date for Plan Conformance (Full) requirements.

Additional clarification from the Highlands Council will be required concerning the interrelationship between Basic and Full Plan Conformance. In several instances, it appears that the satisfaction of a “Basic Plan Conformance” component as defined by the “Key Requirements” document would also qualify for Full Plan Conformance of that component. Greater information will also be necessary in order to better understand the actual scope of work necessary to achieve Full Plan Conformance for those items not addressed in the Basic Plan Conformance process.

The general consistency of current County Plans Master Plan and Development Regulations pertaining to Basic and Full Plan Conformance items as related in Highlands Council “Key Requirements” document is presented in the following section.

ASSESSMENT OF EXISTING COUNTY PLANNING DOCUMENTS FOR GENERAL CONSISTENCY WITH THE HIGHLANDS REGIONAL MASTER PLAN

The Highlands Council has directed that the document entitled **Plan Conformance for Counties–Key Requirements**¹² be used as a guide for presenting a general consistency review of Morris County planning documents with the RMP. The “Key Requirements” document distinguishes between tasks required for Basic Plan Conformance and Plan Conformance (Full). General consistency has been analyzed within the context of both these tasks. The “Key Requirements” document is included as Appendix 1.

County Planning Documents

The Morris County Master Plan is made up of various elements. These include:

- 1975 Land Use Plan Element
- 1976 Historic Preservation Plan Element
- 1992 Circulation Plan Element
- 1998 Bicycle & Pedestrian Element
- 1988 Open Space Plan Element
- 1985 Wastewater Management Plan Element
- 1994 Water Supply Plan Element
- 2008 Comprehensive Farmland Preservation Plan Element

Master Plans in Development

The Morris County Division of Transportation, which is part of the Department of Planning and Development (MCDPT), is finalizing a comprehensive update to the County Circulation Element. The MCDPT is also participating in the development of the Wastewater Management Plan for Morris County, which will be submitted to the NJDEP in 2009. This plan, to be adopted by the NJDEP and not the County of Morris; will effectively supersede the County’s 1985 Wastewater Management Plan Element in directing the use of sewer and septic systems in Morris County. Updated water supply information will also be included in this document.

¹² http://www.highlands.state.nj.us/njhighlands/planconformance/conform_county_key_010609.pdf

Related County Planning Documents

The following documents relate to the issues discussed in the Highlands RMP, but none have been adopted by the County Planning Board as elements of the Morris County Master Plan.

Morris County Department of Planning and Development – Planning Reports

- ♦ 1986 Morris County Cultural Resource Survey (Historic Sites Survey)
- ♦ 1989 Stormwater Management Technical Guide
- ♦ 2000 Natural Resource Management Guide
- ♦ 2007 Morris County State of the County Report
- ♦ 2006 – 2009 Transportation Bulletins #1 through #10

Morris County Park Commission

- ♦ 2005 Morris County Park Commission Strategic Plan, “Pathways to Excellence: The Citizen Driven Direction for the Future of the Morris County Parks System.”

As per the “Key Requirements” document, conforming county master plans must, at minimum, include and/or accomplish each of the items presented in the following boxed and *italicized* format. The responses provided indicate whether the required plan element or regulation exists, whether amendments have been made to these planning documents related to the Highlands RMP and the general consistency of the existing document(s) with the RMP.

A. MASTER PLAN - ASSESSMENT / GENERAL CONSISTENCY REVIEW

1. Policies, Goals and Objectives. [Basic Plan Conformance Item] *Adopt all county-relevant GPOs of the RMP, modified as appropriate to apply at the county level. In all cases..., where GPOs are modified to apply to the county level, the resulting policies and objectives must be no less stringent than those of the RMP.*

The Highlands RMP lists over 700 goals, policies and objectives (GPOs) addressing natural resources, water resources and water utilities, historic, cultural, archeological and scenic resources, transportation, future land use, landowner equity, sustainable economic development, air quality and local participation. The Morris County Master Plan includes various goals, policies and objectives; however, these are not expressed in a single document; they are contained in various master plan elements. In some instances, specifically delineated GPOs are not included in County documents, but are expressed through the intention of the document. For example, the Morris County Master Plan Historic Preservation Element does not include a specific GPO section, but it does support historic preservation activities throughout the County and includes recommendations that demonstrate this support.

Morris County Master Plan Elements have not been amended to conform to Highlands RMP GPOs.¹³ Where comparable broad-based GPOs are expressed in the Morris County master plan documents, they are generally consistent with the broad goals of the RMP. For example, the Morris County Open Space Element contains many goals, among them the goal to “preserve unique natural features and to protect natural resources, especially water supply sources.”¹⁴ However, there are RMP subjects not addressed in existing County documents (e.g. scenic resources) and the RMP includes subjects that do not apply at a county level (e.g. implementing “cluster” subdivision regulations) and/or are not within County jurisdiction (e.g. implementation of a Highlands TDR program).

A point by point consistency analysis of the 700+ individual goals, objectives and policies is not included in this initial assessment. As part of plan conformance, the Highlands Council has indicated that it will identify those Highlands RMP GPOs considered *county-relevant* and include these in a “Highlands Element Master Plan Supplement” which may be adopted by County for application to the Preservation Area. A draft of this Element is currently undergoing revision by the Highlands Council. Highlands consistency with regard to RMP GPOs will be achieved, as pertains to the Preservation Area, with the adoption of the County “Highlands Element.” In the Preservation Area, goals, policies, and objectives of the existing Morris County Master Plan will be superseded by the Highlands Element in those instances where there is a conflict.

It should be noted that the GPOs of the RMP and related conformance activities address issues and activities that are largely within the purview of municipal government. With only few exceptions, the RMP goals, policies, objectives do not distinguish between municipal and county government, even through the powers of each government entity are substantially dissimilar and the ability of county government to implement most of the goals, policies, objectives and standards found in the RMP is extremely limited.

¹³ At present, only the Morris County Master Plan – Farmland Preservation Element provides any reference to the Highlands RMP. The Natural Resource Management Guide for the County of Morris recognizes the “Highlands Physiographic Province” pg 7-9.

¹⁴ 1988 Morris County Master Plan Open Space Element, pg 4.

2. Land Use Plan [Basic Plan Conformance Item] *Adopt Applicable Highlands Land Use Capability Map categories including Area, Zones, and Sub-Zones as an overlay or supplement to existing land use maps. Adopt the Land Use Capability Map (LUCM) series (upon verification of accuracy of factual information through RMP Updates) to the limits of county boundary lines.*

The Morris County Land Use Element was last updated in 1975.¹⁵ It has not been amended to address the Highlands Region as defined in the Highlands Water Protection and Planning Act and does not address the Highlands Regional Master Plan overlay zones, environmental sub-zones or the Highlands Land Use Capability Map series.

Pertaining to general consistency, the Morris County Land Use Element supports various general principles found in the Highlands Regional Master Plan. It promotes the use of environmental analysis as a basis for the location of future development and encourages the use of development patterns that preserve open land while making utility services and transportation services more economical and feasible. It also supports focusing growth into existing centers, where infrastructure exists to accommodate new development. A significant difference is that the Morris County Land Use Plan gives equal weight to human, economic and ecosystem interests in its approach to planning in the region, with the overarching goal, “to achieve an equitable balance between the needs of man and the demands of the environment.” The Highlands RMP focus and priority is the protection of environmental resources, as defined by the RMP. Economic development and growth are encouraged in the RMP, but only where these do not have any negative impact on resources as defined by the RMP.

3. Conservation Plan [Basic Plan Conformance Item] *Adopt Highlands Resource Area Maps, as applicable, to the limits of the county boundary lines. Adopt Highlands Resource categories as defined in the RMP, along with specific applicable GPOs, as modified to apply at the county level. Incorporate the basis for requiring Low Impact Development techniques and use of Best Management Practices (BMPs) as applicable to county development reviews and county facilities. For application to county-owned properties and facilities and where applicable, in county planning board review of development applications:*

- a) Adopt a ground water recharge protection and mitigation policy consistent with the RMP;*
- b) Adopt a wellhead protection policy (if applicable) pertinent to Well Head Protection Areas, consistent with the RMP;*
- c) Adopt a stormwater management policy consistent with the RMP;*
- d) Adopt a county facilities planning policy incorporating RMP goals in support of low impact development practices, green building design and enhance energy efficiency. Include consideration of opportunities for shared service/infrastructure both at the county level and in support of municipal initiatives.*

The County of Morris does not have a Conservation Plan Element. Highlands “resource categories” as defined in the RMP, along with applicable GPOs have not been adopted. Other County planning documents recognize natural resources and their importance in Morris County, most specifically, the County of Morris Natural Resource Management Guide. Environmentally sensitive areas are also addressed in the Morris County Master Plan Open Space Element.

¹⁵ Under current enabling legislation, only municipalities have the power to zone and directly control the pattern, intensity and use of land. County land use plan documents related to local land use patterns and intensities are entirely advisory.

Major natural resource areas identified in the RMP are listed below, followed by the most significant corresponding Morris County planning document reference, if any. The “resources areas” identified in the Highlands RMP are uniquely defined (e.g. steep slope categories) or identified by unique criteria and standards developed as part of the RMP (e.g. “forests”). Therefore, a direct relationship between resource categories cannot be made, but substantially similar categories can be compared. None of the Morris County documents listed in this comparison have been modified to incorporate the Highlands resource areas, goals, policies, objectives or standards as defined or included in the Highlands RMP.¹⁶

RMP Resources, RMP Chapter 3, Parts 1 -4	Related Morris County Planning Documents
Forest Resources	Natural Resource Management Guide for the County of Morris (NRMG). Identifies specific vegetation types. “Forest Resources” as defined in the RMP are not addressed.
Highland Open Waters and Riparian Areas	NRMG – Surface waters mapped and discussed. Riparian buffers recognized as a type of conservation landscaping. MC Water Supply Element - identifies surface water features. The protection of stream corridors and freshwater wetlands is also supported in the MC Open Space Element. Highlands Open Waters or Riparian Areas as defined in the RMP are not identified.
Steep Slopes	The NRMG and the MC Open Space Element address steep slopes. The NRMG identifies slopes of 15% and over. The Open Space Element considers slopes of 16% and greater “steep.” These documents recognize the vital role that steep slopes play in function of local natural systems. Steep slopes categories as defined in the RMP are not addressed.
Critical Habitat	NRMG – Wildlife, habitat and NJDEP landscape data discussed. MC Open Space Element discusses Habitat for Endangered and Threatened Species and recognizes the protection of habitat as a critical issue. The RMP uses unpublished NJDEP Landscape Data as the basis for its critical habitat location, which has not been available for County review or use.
Land Preservation and Stewardship	Land Preservation is addressed in the MC Open Space Element, MC Comprehensive Farmland Preservation Plan Element, and MC State of the County Report. Land Stewardship is addressed in the MC Park Commission Strategic Plan, which supports the creation of a Natural Resource Management Plan for park property.
Carbonate Rock (Karst) Topography	NRMG – Identifies limestone formations and related planning issues. Carbonate rock areas as defined in the RMP are not addressed.
Lakes, Ponds and Reservoirs	Surface waters are identified in the NRMG, MC Water Supply Element and MC Open Space Element.
Water Quality, Availability and Use	MC Water Supply Element, NRMG (groundwater and surface water sections). RMP defined deficit areas not addressed.
Ground Water Recharge Areas	MC - Water Supply Element, NRMG (groundwater section). The MC Open Space Element also addresses and supports the protection of aquifers and recharge zones. The MC Land Development Standards include stormwater regulations and technical guidance. Recharge areas as defined in the RMP not addressed. Stormwater regulations are included within the County Land Development Standards.
Water Quality	MC Water Supply Element, NRMG groundwater/surface water.
Water Supply Utilities	MC Water Supply Element.
Wastewater Utilities	MC Wastewater Management Plan. Current conditions are being evaluated in connection with development of the NJDEP Wastewater Management Plan for Morris County.
Septic System Capacity	MC Wastewater Management Plan. Current conditions are being evaluated in connection with development of the NJDEP Wastewater Management Plan for Morris County.
Agricultural Resources	MC Comprehensive Farmland Preservation Plan and NRMG (Soils).
Historic, Cultural, and Archaeological Resources	MC Historic Preservation Plan, MC Cultural Resource Survey.

¹⁶ The 2008 Morris County Farmland Preservation Plan and 2007 State of the County report contain reference to the draft Highlands RMP but does not include comprehensive reference to Highland RMP resources, goals, policies or objectives as finally adopted.

The County of Morris has not amended its Land Development Standards or any internal property development and/or management policies to correspond to the Highlands RMP groundwater protection and mitigation policy, wellhead protection policy, stormwater protection policy or amended any other County facilities planning policy in response to the “Key Requirements” document. The Highlands Council has indicated that a set of “Highlands Regulations” addressing these issues will be developed by the Council for use by Counties seeking to petition for Basic Plan Conformance. These “regulations” have not been developed by the Council.

Concerning the “application to county-owned properties and facilities,” the County Planning Board does not have the authority to mandate goals, policies, objectives or standards for application to County-owned land. The use, development and management of County-owned land is determined by the County Freeholders, and overseen primarily by either the Department of Public Works, which includes the County Engineering Division or the Morris County Park Commission, which includes its own Division of Engineering Services. Under current County facilities planning policy, the County of Morris follows all State and Federal laws and regulations pertaining to the development of County lands, County facilities and the management of those facilities.

Where RMP policies and other State and Federal environmental policies intersect, County development policies will be consistent with that of the RMP. For example, in the Preservation Area, the County is bound to comply with the NJDEP Highlands Special Adopted Rules (N.J.A.C. 7:38). In following the NJDEP Rules, County activities are consistent with the RMP to the extent that the RMP mirrors these NJDEP Rules. In illustration, the NJDEP Rules require a 300 buffer around “Highlands Open Waters” as defined by the NJDEP, which is also a requirement of the RMP. Highlands Rules govern activities in the Preservation Area pertaining to standards for water supply diversion, wastewater treatment facilities, impervious surfaces, highlands open waters, flood hazard areas, steep slopes, upland forests, historic and archaeological areas, rare, threatened or endangered species and unique or irreplaceable land types and existing scenic attributes. County government is subject to the NJDEP Highlands Rules and County land development activities in the Preservation Area have so far been limited to activities exempt from these rules. These same exemptions apply in the RMP. The Freeholder Board has not required the Morris County Department of Public Works or the Morris County Park Commission to adopt any additional internal policies or standards in response to the Highlands RMP.

In addition to State and Federal regulations, development activities of the County of Morris are guided by the environmental protection goals and policies found in the Morris County Master Plan, particularly the Natural Resource Management Guide, the County Open Space Element and the Morris County Park Commission Strategic Plan. Although not bound by the Morris County Land Development Standards, the Department of Public Works considers these standards as guidelines in the development of County-owned lands. In some cases, the County Land Development Standards incorporate state standards, as in the case of stormwater management. While County lands are not bound to follow local regulations, the County also works with municipalities through a courtesy review process to address local environmental and other concerns.

The majority of the over 10,000 acres of County-owned lands in the Preservation Area are Morris County Parklands. Morris County has aggressively pursued the protection of open space through the purchase parkland and through the activities of the Morris County Preservation Trust. The purchase of parkland and support for local preservation efforts has protected critical habitat, forest areas, riparian areas and other “Highlands Resources” from development as residential or commercial uses. Regional groundwater recharge and stormwater detention have been provided by these purchases, and there are many historic sites and structures protected on these lands which would otherwise have been lost. The Park Commission continues to manage County-owned lands so as to provide the greatest protection to these resources, while also achieving its mandate to provide both active and passive recreation opportunities for the citizens of Morris County and others who enjoy these resources.

4. Circulation Plan [Full Plan Conformance Item] *Incorporate applicable RMP GPOs, modified to apply to county level, into a new or updated Transportation/Circulation Plan. The plan should link transportation and land use at the local and regional level and ensure mobility and accessibility; evaluate regional Transit Scores; and promote connectivity, shared service opportunities and long-term transportation network needs. In addition the [Circulation] plan must:*

- a) Incorporate RMP Policies and objectives within the context of the North Jersey Transportation Planning Authority MPO Regional Transportation Plan.*
- b) Indicate how the county will coordinate with municipalities and surrounding counties regarding joint or collaborative efforts to address regional transportation and transit concerns and support local needs.*
- c) Include a discussion regarding existing and proposed transportation facilities, county roads and bridges, planned or anticipated road improvements, capacity conditions as related to existing and future forecasted or projected growth, and an evaluation of transit ridership patterns and limitations.*
- d) Support safety and security of inter-modal transportation for motorized and non-motorized users.*
- e) Evaluate opportunities to increase freight service through the reactivation of abandoned freight lines*
- f) Support regional tourism initiatives and the recognition and protection of historic bridges and structures, and scenic resource view sheds along scenic byways and road corridors.*
- g) Ensure to the extent practicable, that proposed transportation improvements be consistent with the RMP and support state and regional planning goals.*

The Morris County Circulation Plan Element was adopted in 1992 and the Bicycle and Pedestrian Plan Element was adopted in 1998. Modifications to these documents are not required for Basic Plan Conformance and none have been made at this time. The Highlands Council may identify county-relevant GPOs related to circulation that may be included in a "Highlands Element" supplement.

The Morris County 1992 Circulation Element and the 1998 Bicycle and Pedestrian Element address many of the issues noted in the "Key Requirement" document and the planning policies contained therein are generally consistent with many of the Highlands RMP transportation GPOs. The Morris County Division of Transportation (MCDOT) has recently released ten "Circulation Bulletins" that are being integrated into a new Circulation Plan. These bulletins address many of the Highlands RMP transportation concerns, including the link between transportation and land use, improved access and mobility through public transit, expanding pedestrian and bicycle facilities and improving connectivity between all modes of transportation. The use of regional "Transit Scores" is not included as a basis for evaluation transit/land use opportunities. Concerning specific items delineated in the "Key Requirements" document:

- a) MCDOT participates in NJTPA committee activities and provides input into the planning process. Morris County does not have independent authority to insert the Highlands RMP goals, policies or objectives into NJTPA plans.*
- b) The 1992 Circulation Plan Element stresses the importance of interaction of all levels of government and with the private sector in providing efficient transportation systems. The Plan discusses the interaction of the United States Department of Transportation, the NJDOT, New Jersey Transit, the North Jersey Transportation Authority, the County of Morris, local municipalities and the private sector. The Plan further details numerous regional studies and projects with which Morris County has been and, in many cases continues to be, involved. The policies of the Plan support multi-agency cooperation and the use of regional transportation committees to coordinate policies and ordinances between municipalities.*

The MCDOT Transportation Bulletins¹⁷, document the County's recent efforts to collaborate on regional and local transportation needs. They provide information on inter-municipal and regional activities being conducted by the MCDOT and identify various proposals that support regional and local transportation and transit concerns.

c) The 1992 Circulation Plan details existing and proposed transportation facilities, County roads and bridges, road improvements, projected growth and transit ridership conditions. Many of these issues are also discussed in the MCDOT Bulletins and will be further detailed and updated in the Circulation Plan Element Update. Major Morris County projects are regularly documented in the NJTPA Transportation Improvement Program (TIP) report. MCDOT also compiles an annual list of road, bridge and sewer projects throughout Morris County. Specific roadway capacity conditions are not addressed.

d) Intermodal transportation options are discussed in the 1992 Circulation Plan as are policies for improving the safety of the roadway system, maintaining safe truck travel and improving the use of rail freight as a method of reducing congestion. The 1998 County of Morris Bicycle and Pedestrian Plan Element focuses on methods to improve non-motorized travel options. Design issues to improve safety between motorized and non-motorized users are addressed in detail, as are opportunities for intermodal connections between bicycle and pedestrian facilities and all park and ride locations in Morris County. Intermodal transportation and safety issues are more recently documented in the MCDOT Bulletins, particularly Bulletins #1 and #4. Bulletin #1 supports increased bicycle and pedestrian accessibility to schools and documents the County's participation in the "Safe Routes to School" Program. Bulletin #4 focuses on methods to increase pedestrian and bicycle activity; safety improvements being a key factor in this effort. Support for intermodal safety and security is also expressed in other bulletins which address the links between land use and inter-modal transportation, parking and transit.

e) The importance of rail freight is documented in the 1992 Circulation Plan, which encourages the continuation and restoration of rail freight where possible. The restoration of rail freight service on the County-owned portion of the High Bridge Branch was proposed in this document and this restoration has been completed. Morris County also directly participates in freight movement through its ownership and support of rail facilities. The County owns two freight railroad lines, which are operated by the Morristown & Erie Railway. The Dover & Rockaway Railroad runs from Wharton through Dover to the industrial complex just north of I-80 in Rockaway. The High Bridge Branch Railroad runs from just west of Wharton through Kenvil, Ledgewood and Flanders. MCDOT Bulletin #5 supports greater use of rail freight through support of land use activities that increase the efficiency and connectivity of freight movement. The new County Circulation Plan Element will continue to support the expansion of rail freight opportunities.

f) An evaluation of bridges and related transportation structures, in their historic context, is not addressed in the Circulation Plan. Regional tourism is supported through promotion of pedestrian paths and bikeways. See the 1998 Bicycle and Pedestrian Element and Bulletin #4. The possibility of evaluating scenic corridors is addressed in Bulletin #10 but regional tourism is not a focus of the Circulation Plan Element.

g) None of the elements of the Morris County Master Plan require transportation improvements to be consistent with the Highlands RMP. The existing Circulation Plan Element supports the general goals of state and federal transportation agencies in its own statement of goals and policies, but does not provide an itemized list of specific state and federal goals supported. Bulletins #1 through #10 support a range of actions that are substantially consistent with state and regional transportation objectives as well as the RMP. General support for state and regional transportation

¹⁷ (<http://www.morrisdot.org/>)

goals is also advanced through participation with State and regional transportation planning entities such as the NJDOT, NJTPA, Trans-options and NJ Transit.

5. Open Space and Recreation Plan [Basic Plan Conformance Item] *Incorporate applicable RMP GPOs modified to apply to the county level into a new or updated Open Space and Recreation Plan. Include acknowledgement of Highlands RMP conservation priority areas and the Special Environmental Zone and a discussion of how these priority areas relate to the use of effective land stewardship techniques in both municipal and county preservation efforts. Adopt an up-to-date, mapped inventory of preserved county parks, open space and recreational lands (unless an existing inventory remains current) and, in the case of any county lands preserved using funding from the NJDEP Green Acres Program, an up-to-date Recreation and Open Space Inventory (unless an existing ROSI remains current). Establish an ecological baseline inventory for preserved open space lands owned by, dedicated to or otherwise under the jurisdiction of the county, to support planning, preservation and stewardship initiatives.*

The Morris County Open Space Plan Element (1988) has not been modified to address the Highlands RMP and does not include reference to the RMP Conservation Priority Areas or Special Environmental Zones. Even so, the County Plan includes 39 general principles, goals and objectives that are substantially consistent with the overall goals of the Highlands RMP to protect environmental resources and preserve open space. It should be noted that the County Plan not only seeks to preserve open space, but to develop portions of that open space to serve the passive and active recreational needs of the residents of Morris County. The RMP includes language promoting the development of recreational opportunities, but in the Preservation Area, the protection of environmental features is the priority. There are no exceptions for disturbance of resource areas in association with creation of active or passive recreation opportunities.

The Morris County Park Commission Strategic Plan (2005) contains 42 objectives and 103 strategies addressing management, land stewardship, operations and recreation programs for County parks. The Plan includes a facility inventory and analysis and references the Morris County Natural Resource Management Guide. The Strategic Plan has not been modified to address the Highlands RMP.

A mapped inventory of County open space is maintained by Morris County Department of Planning and Development - Geographic Information System Services and in the County Lands Inventory Project (CLIP). A County Recreation and Open Space Inventory (ROSI) is maintained, and has been updated in coordination with the preparation of this Initial Assessment Report. This updated ROSI was used to review the existing Highlands open space data layer to determine the accuracy of this data as pertains to County-owned open space lands. Where purchased with NJ Green Acres funding, County open space carries with it applicable land development restrictions. There are no additional deed restrictions for this land other than those that may be imposed by the seller as a condition of the sale of the land to the County. The Highlands Council has not yet defined what is considered necessary for inclusion in an "ecological baseline inventory." Greater clarity will be required regarding this issue.

The County of Morris promotes local open space and farmland preservation efforts through the Morris County Preservation Trust. As of December 15, 2008, 17,726 acres had been preserved by the Trust Fund as farmland or open space, with 116 projects pending that could add nearly 4,500 acres to the preservation total. The Preservation Trust provides funds to local government and non-profits for the purpose of open space preservation, requiring deed restrictions related to the use and development of protected properties. In addition, the Morris County Preservation Trust conducts land stewardship activities in association with its farmland preservation activities.¹⁸

¹⁸ The Trust Fund also provides monies to the Park Commission and the MUA for land acquisition.

6. Agriculture Retention/Farmland Preservation Plan. [Basic Plan Conformance Item] *Adopt Highlands Agricultural Resource Areas Map to the limits of county boundary lines. Incorporate applicable RMP GPOs and recognition of the RMP agricultural priority areas, modified to apply to the county level, into a new or updated Agriculture Retention/Farmland Preservation Plan. Incorporate language supportive of municipal conformance requirements regarding clustering and conservation design. Adopt an up-to-date, mapped inventory of preserved farmland (unless an existing inventory map remains current.)*

Morris County adopted a revised Comprehensive Farmland Preservation Plan Element on July 17, 2008. This plan was developed according to New Jersey SADC plan criteria and is generally consistent with the RMP since it supports the protection and enhancement of agricultural resources and agricultural industry in Morris County, where such resources are located primarily in the Highlands Region. The plan references the Highlands Agricultural Resources Area Map as well as Highlands Agricultural Priority Areas, as defined in the November 2007 *draft* Highlands Regional Master Plan.

As of June, 2009, Morris County has preserved 6,916 acres of farmland, of which 6,043 acres or 87% are within the Highlands defined "Agricultural Resource Area." Additional farmlands targeted for acquisition in the Farmland Preservation Plan total 6,901 acres, of which 3,613 or 52% are in the Agricultural Resource Area.

Other than refer to the Highlands RMP as noted above, the Farmland Preservation Plan Element has not been amended to incorporate Highlands defined GPOs. Farmlands targeted for preservation in the Element have not been assigned a priority based on their ARA location. The County Plan identifies clustering and other conservation design mechanisms that can help preserve farmland, but RMP-specific clustering requirements are not included.

7. Historic Preservation Plan [Full Plan Conformance Item] *Incorporate applicable RMP GPOs, modified to apply to the county level into a new or updated Historic Preservation Plan. Adopt listing and discussion of applicable county resources from the Highlands Historic and Cultural Resources Inventory and the New Jersey Register of Historic Places.*

The Morris County Historic Preservation Plan Element was adopted in 1976. The Plan has not been amended to address the RMP; however the intent of this Plan is generally consistent with the historic preservation goals of the RMP. The County Plan includes a listing of historic resources named to the National Register of Historic Places, the NJ Register of Historic Places, the Historic American Buildings Survey, and includes sites not recognized by the National or State registers but important to Morris County.

The Morris County Cultural Resource Survey (Historic Sites Survey) was completed 1986 as a joint effort between the Morris County Heritage Commission and Morris County Board of Chosen Freeholders. This project identified historic sites for each municipality in Morris County based on Office of New Jersey Heritage criteria.¹⁹ The 1986 survey addressed almost 4,000 buildings, structures and sites. The Morris County Preservation Trust is developing an updated, web-based, interactive Historic Sites database for each municipality in the County which should be complete in the next 3± years.

¹⁹ Prepared by Acroterion, Historic Preservation Consultants, Morristown NJ. Included 35 of 39 municipalities; the 4 remaining municipalities having been surveyed under other contracts.

Between 2003 and 2008, the Morris County Preservation Trust provided funding for the preservation of 52 sites throughout Morris County and this program continues into 2009. Eligible properties must be located in Morris County, listed on either the National or NJ Registers, individually or as part of a recognized historic district, or certified as eligible for listing by the State Historic Preservation Office.

No County Historic Preservation Plan document or survey has been amended to incorporate the "Highlands Historic and Cultural Resource Inventory"; however, the County of Morris database, which is currently being updated by the Preservation Trust, includes: all properties on the New Jersey and National Registers of Historic Places; all properties deemed eligible by the SHPO for listing on the New Jersey or National Register; and all properties for which a formal SHPO opinion has been issued. The activities of the County of Morris with respect to historic preservation, including the sites referenced in the RMP, are generally consistent with the RMP. Pursuant to the 2008 Plan Conformance Guidance Document, development of Scenic, Cultural and Historic Plans is at the discretion of the local government.

8. Relationship of Master Plan to the RMP and the SDRP. [Basic Plan Conformance Item] *Confirm and discuss the consistency of the County Master Plan with the Highlands RMP. Discuss the consistency of the County Master Plan with the State Development and Redevelopment Plan (SDRP). Indicate that conformance with the RMP exempts the county from Plan Endorsement from the State Planning Commission (SPC) with respect to Preservation Areas, and discuss the county's intent with respect to the Planning areas, for which it may seek Plan Conformance from the Highlands County or Plan Endorsement from the SPC.*

There are many areas of consistency between the general goals and objectives of Morris County and those of the Highlands RMP. Both plans support focusing higher density development in areas where there is adequate infrastructure and access to services, protecting the environment, increasing transportation options, preserving adequate open space and farmland, preserving historic resources and making the most efficient use of water supply and wastewater treatment systems. Although sharing many broad goals, the analysis, conclusions and policies in the RMP do not entirely match the goals or policies of the County, and the County has expressed various concerns throughout the RMP development process concerning the assumptions, conclusions and regulations that will be imposed through mandatory conformance with the RMP, and with the Highlands Council's definition of conformance. The County will reach a greater level of consistency with the RMP as it adopts RMP GPOs and related standards required for Basic Plan Conformance for the Preservation Area, either by reference to the RMP or by adoption of Highlands supplements.

As of July 2009, the NJ State Planning Commission has not endorsed the Highlands Regional Master Plan. If the State Planning Commission endorses the Highlands Regional Master Plan, Morris County will achieve Plan Endorsement through the Plan Conformance process as pertains to the Preservation Area.²⁰ Therefore, the County does not need to seek Plan Endorsement in the Preservation Area. The County is not seeking Plan Conformance in Highlands Planning Area or Plan Endorsement in the Planning Area or for the non-Highlands portions of the County at this time. Morris County's relationship to the State Plan is documented in the 2005 Morris County Cross-Acceptance Report. The County's 1975 Land Use Plan has not been modified to address any version of the State Development and Redevelopment Plan.

²⁰ C.52:18A-203(b)

B. COUNTY REGULATIONS/DEVELOPMENT REVIEW STANDARDS- ASSESSMENT / GENERAL CONSISTENCY REVIEW

Regulations associated with the development of land are found in the Morris County Land Development Standards (2004). While used as a guidance document by the County Department of Public Works and County Park Commission, the Morris County Land Development Standards are not mandated for application to County-owned lands and the analysis presented below does not confer endorsement of any such mandate.

Morris County Development Review Standards:

The Highlands Council requires the County to adopt the following for application to County facilities, improvement projects, and in County review of applications for non-exempt development filed pursuant to the New Jersey County Planning Act. (N.J.S.A. 40:27-1 et seq.). County Land Development Standards have not been amended in connection with the GPO's or standards identified in the Highlands RMP.

1. Stormwater Management. [Full Plan Conformance Item] *Incorporate applicable RMP policies, goals and objectives into: a) any existing or proposed County Stormwater Management Plan; b) requirements and criteria applied in review of municipal stormwater management plans; and c) regulations and criteria applied in review of stormwater control plans submitted in connection with development applications that affect county drainage facilities. Applicable RMP policies, goals and objectives will include at minimum, those concerning stormwater management, ground water recharge, highlands open waters and riparian areas, carbonate rock, and low impact development.*

Morris County addresses stormwater management as pertains to County roads and drainage facilities in accordance with the Morris County Land Development Standards and Morris County Stormwater Management Technical Guide, as supplemented by the NJDEP Stormwater Management Regulations (N.J.A.C.7:8-3.4). County standards require the design of infiltration systems to provide for the removal and filtering of objectionable material using methods described in the County Technical Guide and the NJDEP Best Management Practices Manual for Stormwater and Non-point Source Pollution Control. All State and Federal standards are followed.

The County of Morris seeks greater clarification as to Highlands requirements as pertains county-relevant GPOs and standards in connection with stormwater management (plans), ground water recharge, highlands open waters and riparian areas, carbonate rock, or low impact development.

2. County Roads. [Full Plan Conformance Item] *Incorporate applicable RMP policies goals and objectives into the standards and criteria pertinent to: a) design and construction of county roadways and related facilities; and b) review of development applications that affect county roadways and related facilities. Applicable RMP policies, goals and objectives will include at minimum, those concerning stormwater management, low impact development and scenic and historic resources (i.e. designated bridges and scenic byways). The Highlands Council will provide specific follow-up guidance to assist counties in this regard.*

The County of Morris regulates traffic and roadway design related to County roads in accordance with the County Land Development Standards. The Highlands Council has not provided specific requirements related to the design and construction of county roadways, stormwater management, low impact development, scenic or historic resources requirements. The construction of Morris County roads complies with all State and Federal requirements.

3. Open Space Preservation. [Full Plan Conformance Item] *Adopt Highlands conservation and land stewardship language for use in county open space easements. Ensure that ecological baseline data are collected for properties owned by or dedicated to the county, with priority for new acquisitions, identifying major ecological communities, species of concern, stewardship issues and opportunities for improvements in support of Open Space Master plan goals.*

The County of Morris is actively engaged in the preservation of open space through the activities of the Morris County Preservation Trust. The Trust requires restrictive language within the deeds related to all preserved open space lands and is therefore generally consistent with the conservation goals of the RMP. The Highlands Council has not identified Highlands-specific conservation and land stewardship language for use in county open space easements; therefore, consistency with existing County deed restriction language cannot be reviewed. The acceptable contents and requirements of ecological baseline data have similarly not been defined by the Highlands Council and further information is required with regard to this issue. The RMP does not call for the establishment of an ecological baseline inventory by municipalities or counties, and such baseline arguably already exists as identified by the Highlands Council natural resource areas.

4. Development Reviews. [Basic Plan Conformance Item] *Update development application submission requirements as needed to require the following, applicable to county planning board applications not subject to review/approval by a municipal land use board:*

- a. Where applications have been prepared in digitized format, include digital information compliant with Highlands Digital Parcel Map standards.*
- b. For all non-exempt development applications, include a Highlands Consistency Determination from the Highlands Council indicating that the proposal is either consistent or inconsistent with the RMP, and where inconsistent, the specific reasons for the inconsistency.*
- c. For non-exempt development applications having received a Consistency Determination indicating that revisions are required to achieve consistency, a certification from the applicant's professional(s) affirming that the plans have been revised to specifically address the inconsistencies identified by the highlands Council and that to the best of his/her professional knowledge, they have achieved consistency.*

The County Land Development Review Standards require that final major subdivision plats be submitted to the Department digitally. County review and submission requirements have not been amended to address "Highlands Digital Parcel Map Standards." The State of New Jersey is in the process of adopting new standards for digital maps. The Department of Planning and Development will recommend that the Board of Chosen Freeholders amend the standards to follow the new state standards and does not anticipate requiring a second set of digital standards related to the Highlands Region.

The County of Morris does not require a Highlands Consistency Determination for non-exempt development applications in the Preservation Area and does not require certification from an applicant's professionals affirming that plans have been revised to achieve RMP consistency. It is the policy of the Morris County Department of Planning and Development to copy the Highlands Council on all its development review correspondence related to applications within the Preservation Area.

5. Filing/Recording Procedures. [Full Plan Conformance Item] *Where applications have been prepared in a digitized format, require that approved subdivision plats, easements and other like reservation of land be submitted for recording with the County in digitized format compliant with Highlands Digital Parcel Map standards.*

The Morris County Clerk does not require digital format for recording of any plat, deed, easement and other document. Recordings are registered by book, page and instrument number.

6. County Capital Projects. [Basic Plan Conformance Item] *Adopt for application to county facilities, a requirement that all capital projects in the Preservations Area receive a consistency determination from the Highlands Council prior to county approval and construction, and that all capital projects in the planning Area be submitted to the Highlands Council for non-binding review.*

The County of Morris has not adopted a requirement that all County facility capital projects in the Preservation Area receive a consistency determination from the Highlands Council prior to County approval and construction, or that all capital projects in the Planning Area be submitted to the Highlands Council for non-binding review. As pertains to County facilities in the Preservation Area, the County of Morris does not require adherence to RMP provisions concerning water availability, water and wastewater utilities, and septic system yields/densities or require recognition of and compliance with Highlands RMP resource protections (i.e., for Highlands defined steep slopes, critical habitat, etc.)

The Highlands Act requires that certain capital improvement or other local government projects located in the entire Highlands Region be submitted to the Highlands Council for their review. Pursuant to the Highlands Act, (C.13:20-16), Highlands Council capital project review authority is **limited to capital and other projects in the Preservation Area that involve the ultimate disturbance of two acres or more of land or a cumulative increase in impervious surface of one acre or more.**

This submission requirement does not apply to projects for (1) “the routine maintenance and operations, rehabilitation, preservation, reconstruction, or repair of transportation or infrastructure systems, provided that the activity is consistent with the goals and purposes of this act and does not result in the construction of any new through-capacity travel lanes, or (2) the construction of transportation safety projects and bicycle and pedestrian facilities, provided that the activity does not result in the construction of any new through-capacity travel lanes.”

In the Preservation Area, the Council has the power to approve, approve with conditions or disapprove of capital facilities projects that meet these disturbance and impervious cover thresholds. In the Planning Area, the Council may only perform a non-binding review and comment on these projects.

7. Resource Area and Supporting Requirements.[Basic Plan Conformance Item] *Adopt for application to facilities owned or operated by the county, Highlands requirements regulating water and wastewater, highlands resources, and all Highlands Resource Areas located within the county. Such requirements will cover the following, where applicable: Steep Slopes, Critical Habitat, Forest Areas, Carbonate Rock Areas, Open Water and Riparian Areas Agricultural Resources, Ground Water Recharge. Lake Management, Wellhead Protection Low Impact Development/Best Management Practices, Stormwater Management, Scenic Resources, Historic/Cultural Resources*

The County of Morris has not adopted Highlands RMP requirements for application to County facilities concerning water availability, water and wastewater utilities, septic systems yields or densities in the Highlands Preservation or Planning Area. As part of the County WMP, the Highlands standards will be used where required by the NJDEP at N.J.A.C. 7:15 et seq.

The Highlands Council has not defined specific Highlands Region resource area and supporting requirements that it intends to make applicable to county facilities. Highlands Council staff has indicated that a regulations "template" concerning such requirements will be developed and submitted for County review and approval; however, they have not yet provided the template to the Highlands counties.

C. ENVIRONMENTAL AND INFRASTRUCTURE CAPACITY - ASSESSMENT / GENERAL CONSISTENCY REVIEW

1. Environmental Resource Inventory (ERI). [Basic Plan Conformance Item] *Adopt all Highlands resource data, including maps and supplemental information as provided by the Highlands Council to serve as or supplement an existing County ERI.*

The Natural Resource Management Guide for the County of Morris (2000) (NRMG), combined with Morris County GIS data, serve as the County ERI. The NRMG has not been amended to reflect resource data, maps, unique RMP resource definitions or supplemental information found in the Highlands RMP.

The Highlands Council has developed a sample municipal ERI which can be used to assess relative consistency with County information. (The Highlands Council has not yet developed a county version of the ERI supplement.) The NRMG covers many of the same resources identified in the Highlands ERI sample document, but the unique definitions and criteria related to the Highlands delineation of environmental resources prevents a direct comparison between the resources identified by the Highlands Council and those identified in the County NRMG.

Following is a list of resources described in the Highlands sample ERI and, where available, the generally corresponding reference found in the Natural Resource Management Guide for the County of Morris. The Highlands ERI also addresses items that are not “natural” or “environmental” resources, such as wastewater infrastructure, roadways, and historic resources. The County NRMG does not address these items.

HIGHLANDS “ENVIRONMENTAL” RESOURCE TOPICS	MC NATURAL RESOURCE MANAGEMENT GUIDE (NRMG)*
Highlands Region Defined as per the Highlands Water Protection and Planning Act, P.L. 2004, c.120.	The NRMG identifies the Highlands physiographic province as one of two underlying Morris County. This area is based on the NJDEP Geological Survey (1984) and not on the administrative region defined as per the Highlands Water Protection and Planning Act.
Land Use Capability Map Series - Zone (Overlay) Map - Water Availability by HUC14 Subwatershed - Public Water Supply System Capacity and Existing Area Served - Public Wastewater System Capacity and Existing Area Served - Septic System Yield by HUC14 Subwatershed, Zone, and Municipality.	The NRMG does not include the Highlands LUCM series. Soil series suitability for development is identified.
Highlands Subwatersheds The watershed boundaries used for the analysis in the RMP were 14-digit Hydrologic Units (i.e., subwatersheds or HUC14s). There are 183 HUC14 subwatersheds that are located partially or entirely within the Highlands Region.	The NRMG identifies major water basins and major watersheds within Morris County. HUC 14 subwatersheds are not identified.
Forest Resources “Forest Resource Areas” include those forested areas that express one or more of the following indicators – a contiguous forest patch of equal to or greater than 500 acres in size, an area consisting of >250 acres of core forest area greater than 300 feet from an altered edge, or areas that include >45% of mean total forest cover, and mean distance to nearest patch (HUC14 only)	The NRMG devotes an entire chapter to “Vegetation” of all types located in Morris County. The term “Forest” and the location of “forest” area are not defined.
Highlands Open Waters and Riparian Areas Highlands Open Waters include all springs, wetlands, intermittent or ephemeral streams, perennial streams, and bodies of surface water, whether natural or artificial, located wholly or partially within the boundaries of the Highlands Region. Specific reference is made to streams, lakes, ponds, springs, seeps, vernal pools and wetlands. Riparian Areas are areas adjacent to, and hydrologically interconnected with, rivers and streams. They are areas that exhibit periodic inundation or saturation of soils, are subject to periodic flooding, and include wildlife corridors within 300 feet of a surface water feature	The NRMG includes an entire chapter devoted to surface waters. Major Morris County surface waters and lakes are mapped. EPA priority wetlands are noted. Mapping does not include seeps, springs, vernal pools, small ponds and wetlands, unless included as part of major surface water, lakes or EPA priority wetlands. The importance of riparian buffers is recognized but riparian areas are not specifically mapped in the NRMG. Morris County GIS maintains additional data concerning the location stream corridors, C-1 waterways and wetlands.

HIGHLANDS "ENVIRONMENTAL" RESOURCE TOPICS	MC NATURAL RESOURCE MANAGEMENT GUIDE (NRMG)*
<p>Steep Slopes Categories of Steep Slopes include: Grades of slopes of 20 percent or greater; Grades of slope between 15 percent and 20 percent; and Grades of slope between 10 percent and 15 percent that occur within the Riparian Area.</p>	<p>The NRMG identifies one category of Steep Slopes, "15% and over." Morris County GIS maintains additional data concerning steep slopes.</p>
<p>Critical Habitat <i>Critical Wildlife Habitat</i> - habitats of animal species identified as endangered, threatened, of special concern, or of regional conservation priority in the Highlands Region; <i>Significant Natural Areas</i> - regionally significant ecological communities, particularly for protection of endangered and rare plant species; and <i>Vernal pools</i> - confined, ephemeral wet depressions that support distinctive, and often endangered, species that are specially adapted to periodic extremes in water pool levels.</p> <p>NJDEP's Endangered and Nongame Species Program Landscape Project data (Version 3) was used to identify potential habitats for rare, threatened, and endangered species wildlife.</p>	<p>The NRMG identifies Threatened, Endangered, and Rare Species Macro-sites pertaining to vegetation and wildlife communities, based on NJDEP Natural Heritage Priority Site Maps (1995).</p> <p>Vernal pools are not specifically identified in the NRMG. NJDEP landscape data is discussed. Version 3 is not identified.</p>
<p>Land Preservation and Stewardship Based on identification of preserved open space and preserved farmland in each local government unit (federal, state, county, municipal, nonprofits, authorities and conservation easements.)</p> <p>Includes Highlands defined Conservation Priority Areas and Special Environmental Zones.</p>	<p>Land Preservation requirements are not addressed in the NRMG. The State Forest Stewardship Program is discussed. Highlands defined Conservation Priority Areas and Highlands defined Special Environmental Zones are not addressed.</p> <p><i>Note: Morris County has preserved over 17,000 acres of parks and open space and has provided funding to assist in the preservation of additional open space and farmland through the work of the Morris County Preservation Trust.</i></p>
<p>Carbonate Rock Based on New Jersey Geologic Survey and United States Geological Survey data</p>	<p>Development over limestone formations discussed. General locations mapped based on NJGS (1993) data.</p>
<p>Lake Management</p> <p>Includes four management tiers located around Highlands lakes of 10 acres or greater.</p>	<p>Lakes included in description of surface water bodies.</p> <p>Lake "management" tiers as defined in the RMP not addressed.</p>
<p>Water Resources Availability</p> <p>Defines water availability as "Net Water Availability" which is calculated as: (ground water availability) - (consumptive/depletive water use)</p> <p>Ground water availability based on analysis of "low flow margins" at a HUC 14 subwatershed level. Specific water deficit areas are defined based on Highlands Council assumptions.</p>	<p>The NRMG includes a chapter devoted to ground water, focusing on glacial deposits and major aquifers and their characteristics. General groundwater yields are discussed, but specific calculations concerning water availability based on Highlands assumptions are not included.</p> <p>The NRMG includes Surface Water Hydrological Data: Discharge Records for Gauging Stations.</p>
<p>Prime Ground Water Recharge Areas The Highlands Council defines Prime Ground Water Recharge Areas as those lands within a HUC14 subwatershed that most efficiently provide 40 percent of total drought recharge volume for that HUC14 subwatershed, as defined using a GSR-32 analysis available based upon the 2002 land use/land cover and 1964-1966 drought of record precipitation.</p>	<p>The NRMG discusses ground water recharge in general terms in the Ground Water Chapter. Glacial deposits and their permeability are mapped. Specific ground water recharge area locations, based on Highlands definition, are not included. Ground water recharge as a function of soils permeability is also discussed.</p>
<p>Water Quality Water quality is determined in accordance with requirements of the Clean Water Act and associated NJDEP "Water Quality Monitoring and Assessment Report (Integrated Report)". The 2006 Integrated Report categories Impaired Waters by HUC14. The List of Impaired Waters identifies the parameters that a HUC14 does not attain with Priority Ranking from high to low. Parameters listed include metals, nutrients, pathogens, etc. Appendix E of the Water Resource Technical Report Volume 1: Watersheds and Quality identifies the spatial extent of parameters not meeting water quality standards.</p>	<p>The NRMG discusses ground water quality, ground water quality management, pollution impacts and major sources of pollution. Best Management Practices for watershed protection are also addressed.</p>
<p>Well Head Protection Public Community Supply wells and mapped well head protection areas (WHPAs) reflecting three-tiered time of travel criteria.</p>	<p>A description of the NJ Wellhead Protection Program is provided in the NRMG. The report also documents the Alamatong Wellhead Protection Study conducted by Morris County, Chester and Randolph Township, USGS, NJDEP and the Upper Raritan Watershed Association. Wellhead protection areas are not identified.</p>

HIGHLANDS "ENVIRONMENTAL" RESOURCE TOPICS	MC NATURAL RESOURCE MANAGEMENT GUIDE (NRMG)*
<p>Septic System Yield Number of allowable septic systems per Conservation and Protection Zone for each HUC14 subwatershed, taking into account nitrates targets determined by the Highlands Council, HUC14 subwatershed drought ground water recharge and the acreage that is privately owned, undeveloped or underdeveloped and not preserved.</p>	Soils with severe limitations for septic tank absorption fields are listed in the NRMG. Specific septic system yields are not addressed.
<p>Agricultural Resource Area and Agricultural Priority Areas ARA criteria: contiguous farming landscapes; farms that include Important Farmland Soils; the extent of lands adjoining a farm that are in agricultural use; and concentrations of existing preserved farmland. APA criteria: Agricultural Resource Areas; Important Farmland Soils – Undeveloped; Preserved Farms; Contiguous Farms greater than 250 acres; Agricultural Uses 10 acres or greater; 50% or greater Prime Soils; and ¼ mile proximity to Preserved Farms.</p>	Agricultural Resources are not discussed in the NRMG.
<p>Historic, Cultural and Archeological Resources All properties listed on the State or National Register of Historic Places; All properties which have been deemed <i>Highlands Historic, Cultural, Scenic, Recreation, And Tourism Technical Report</i>, Eligible for listing on the State or National Register; and All properties for which a formal SHPO opinion has been issued.</p>	Historic, Cultural and Archeological Resources are not discussed in the NRMG.
<p>Scenic Resources 131 scenic resource areas comprised of federal, State, and county open space and recreation lands that may encompass elements of high scenic quality worthy of protection.</p>	Scenic Resources are not addressed in the NRMG.
<p>Contaminated Sites NJDEP Site Remediation and Waste Management Program (SRWMP) Known Contaminated Sites Report</p>	The NRMG maps Hazardous waste sites (1996) and the issue of contamination to groundwater is discussed.
<p>Water and Wastewater Utilities</p>	The NRMG lists existing and proposed sewer service areas (1997). Utilities are not otherwise noted.
<p>Roadways and Transit</p>	Roadways and Transit are not addressed in the NRMG.
* Topics not included in the sample Highlands ERI but included in the Morris County NRMG: soils, geology, vegetation, wildlife, climatology	

2. Wastewater Management Plan (WMP) [Full Plan Conformance Item]. *Prepare and provide after submitting to NJDEP for approval, a County Wastewater management Plan (or endorsement of municipal wastewater management plans where no County Wastewater Management Plan will be developed) applicable to, at minimum, the Highlands portion of the County, and a septic system management/maintenance plan consistent with the requirements of the RMP and N.J.A.C. 7:15 et seq. Adopt applicable RMP GPOs modified to the county level, based upon Highlands Council Wastewater Management Technical Guidance. The WMP must be prepared in accordance with all NJDEP protocols, including requirements for conforming and non-conforming municipalities regarding sewer service areas and septic yield analysis.*

The County of Morris is preparing a Wastewater Management Plan on behalf of all municipalities in Morris County pursuant to the requirements identified in N.J.A.C.7:15 et seq. This plan incorporates sewer and septic requirements consistent with the Highlands Regional Master Plan for conforming municipalities. The County tentative schedule for completion of required WMP tasks and submission to the NJDEP is as follows:

- | | |
|--|--------------------|
| 1. Data Compilation and Verification | February 27, 2009 |
| 2. Vacant Land and Build-out Analysis | September 18, 2009 |
| 3. Projection of Future Water Supply Demand | September 18, 2009 |
| 4. Wastewater Capacity Analysis | October 1, 2009 |
| 5. Draft Municipal Chapters | October 9, 2009 |
| 6. Draft Wastewater Management Plan | October 23, 2009 |
| 7. Presentation to Board of Chosen Freeholders | October 28, 2009 |
| 8. Submission to NJDEP | October 30, 2009 |
| 9. Public hearing | 2010 TBD by NJDEP |

The County is currently meeting with municipalities in connection with the build-out analysis and is in the process of developing chapters of the Wastewater Management Plan based on that analysis. Once completed these chapters will be provided to the municipalities for their comment.

Further information regarding the status to the WMP effort may be obtained at the NJDEP "County Tracker" website at <http://www.nj.gov/dep/watershedmgt/> and by accessing the County WMP status report.

D. OTHER PLAN CONFORMANCE KEY REQUIREMENTS

Planning Analysis [Full Plan Conformance Item] *Evaluate county properties and facilities with respect to environmental and infrastructure capacity limitations, and county goals, objectives and initiatives regarding future growth, development and redevelopment, land preservation and transportation/transit improvements.*

Evaluate county planning and management programs to determine the type and degree of change needed to appropriately plan for future growth and development in accordance with the full range of relevant planning considerations, including but not limited to: a) capacity constraints; b) natural resource protection; c) open space and farmland preservation; d) historic preservation ; e) optimizing use of public infrastructure; f) transportation constraints and opportunities; g) fiscal impact and economic sustainability; h) county needs and obligations; and i) principles of sustainability and smart growth.

The County of Morris has not conducted a specific evaluation of County-owned properties and facilities based on these criteria or the Highlands Regional Master Plan. Such an analysis concerns the use and management of County-owned lands, and the Highlands Council has not yet been able to confirm its stated authority to require such analysis.

In the event such authority is confirmed and accepted by the Board of Freeholders, additional guidance will be required before this analysis can be conducted, including a description of how future growth and development associated with County-owned properties and facilities can accommodate growing County needs and obligations within the constraints imposed by the Highlands RMP. In addition, full funding from the Highlands Council will be required as a condition of any such analysis and for all other requirements of Plan Conformance.

RMP UPDATE

RMP Update – Identify needed RMP Corrections for areas under County Jurisdiction. [Basic Plan Conformance Item]*Conduct an analysis of RMP maps and data applicable to areas under county jurisdiction to determine the need for RMP Updates. Emphasis should be placed on county dedicated open space and other properties, but if requested/authorized by a municipality, may be more inclusive (e.g. sewer and public water service area identification). Submit a request to the Highlands Council listing proposed RMP Updates, if any, along with the back-up information required pursuant to Council guidelines. Opportunities to request additional updates will continue to be available throughout the Plan Conformance process.*

Working with the County Park Commission, the Morris County GIS Division has updated the County Recreation and Open Space Inventory (ROSI). This updated ROSI inventory was compared to Highlands GIS data. This analysis identified County open space not identified by the Highlands Council and lands incorrectly identified by the Highlands Council as County open space. Overall, this analysis identified 95 parcels that should be added to the Highlands County Open Space Inventory for Morris County. Another 71 parcels, currently shown in the Highlands inventory as County-owned open space do not correspond to the County ROSI and should be removed.

The methodology used in conducting this analysis and the documentation related to these updates are found in Appendix 2. Appendix 2 includes three tables of information: 1) the updated and current County of Morris ROSI, by Facility; 2) ROSI excerpts identifying County of Morris Open Space properties not found in the Highlands Open Space Inventory, which must be added to that inventory and; 3) Properties currently identified by the Highlands Council as County open space that are not in the County ROSI and must be removed from the Highlands Inventory of Morris County open space.

Note that this RMP Update review has focused on the identification of errors in the Highlands Council inventory of County of Morris Open Space. Note also that, except as referenced herein, County of Morris has not verified any other information contained in the Highlands Regional Master Plan and does not, by submission of this assessment report or in any other manner, affirm the accuracy of any other factual information contained within the Highlands Regional Master Plan and/or developed by the Highlands Council. The County of Morris reserves the right to provide additional RMP updates / corrections concerning any factual information contained within the Highlands Regional Master Plan and associated technical reports as further errors in Highlands data are discovered during the Plan Conformance process and at any time thereafter.

ESTIMATE OF COUNTY COST TO ACHIEVE BASIC PLAN CONFORMANCE

The Highlands Council has required, as a condition of providing the Initial Assessment Grant, that an estimate of the County cost to achieve Basic Plan Conformance be provided. A general outline of the tasks included in the Basic Plan Conformance process is represented as follows:

- Notice of Intent / Planning Board and Freeholder reviews and presentations / Resolution
- Initial Assessment - Grant Preparation and Administrative Activities
- Initial Assessment Report
 - Interpretation of Requirements
 - General Consistency Review
 - RMP Update Analysis/GIS/Documentation research
 - Cost Estimates (Basic)
 - Preparation of Report Documenting Findings / Long Range Committee meetings
 - Post IAR submission activities, contact with Council staff, administration
- ERI – New Element – Review Draft / Comments / Review Final / Create ERI with GIS division / LR Committee-Planning Board meetings.
- Highlands Element – New Element(s)–Review and Comment on draft / Review final / Create HE / LR Committee-Planning Board meetings.
- Create plan amendment modifying existing master plan elements to reference to the Highlands Element for Preservation Area/ LR Committee-Planning Board meetings.
- Highlands Regulations – New Standards– Review and Comment on draft – Create Regulations. LR Committee-Planning Board meetings.
- “Freeholder Report” - Development Policy Statement Report and Regulations for adoption by Board of Freeholders concerning the use and management of County-owned lands. (Subject to resolution of Council authority issue) Revisions and coordination with the Freeholder Board, Department of Public Works and Park Commission.²¹ Meetings with Freeholders and Freeholder representatives.
- Highlands Regulations (Supplement to Land Development Standards Highlands, checklists) - Freeholders Presentation - Resolution implementing LDS supplement for application to all County properties in the Preservation Area.
- Self Assessment Report
 - Determination of Long Term Requirements – Additional analysis of RMP / Associated meetings with Highlands staff / Negotiations
 - Preparation of conceptual Implementation Schedule for “Full Plan Conformance” (Development of an implementation schedule may not be possible without detailed content requirement for each Full Plan Conformance requirement. May also require consultant review.)
- Creation of Petition, Freeholder Board authorization activities, Submission of Petition and related documents.
- Post Petition Revisions required by Highlands Council & associated meetings / negotiations. Council may give “conditional” Basic Plan Conformance - Conditions / Revisions to be determined by HC)
- Public Hearing on Final Highlands Element(s) as eventually approved by Highlands Council.
- Attendance at HC Staff/County Staff Meetings throughout entire process / Ongoing Review and Interpretation of draft documents and conformance requirements, administrative / mailing / notification tasks.

The tasks identified above indicate known major activities associated with “Basic Plan Conformance.” As of this writing, Council staff is still creating the content and structure to be included in the “Highlands Element,” “Highlands Environmental Resource Inventory” “Highlands Regulations” and are defining other Basic Plan Conformance information/tasks. There remain major unanswered questions concerning the extent of Council authority over County-owned lands and resolution of this matter will impact the time and effort that will be necessary to achieve both Basic and Full Plan Conformance. Details related to the scope of work associated with Plan Conformance remain in flux, making even more

²¹ As discussed with Highlands Staff at the Morris County Planning Board meeting of June 18, 2009.

difficult any estimate of associated activities and costs. The draft "Highlands Element" template is still under development and templates addressing various other elements and regulations have not been released. These will require analysis and discussion, internally and with Council staff, before work can even begin. Details/examples concerning the required "Self-Assessment Report" have not been provided, and it is not clear what would be considered acceptable concerning report structure and content.

Additional uncertainty is added since the Council has not developed a complete set of detailed tasks, content of reports, review requirement, checklists, standards, acceptable report templates/supplements and specific guidelines related to Full Plan Conformance activities and requirements. Full Plan Conformance details are relevant to the completion of Basic Plan Conformance since the completion of the Self Assessment Report must include development of an implementation schedule for these as yet undefined Full Plan Conformance requirements. For example, what specific content, detail and form must be used for the creation of an "Ecological Baseline Inventory," one of the stated requirements of Full Plan Conformance? Without details, it is impossible to determine the time (or funding) needed to identify and complete long term tasks and include that information in the Self-Assessment Report. Even with such details, projecting a plausible time line for completion of "Full Plan Conformance" tasks will be a largely academic exercise given the need by the County to address other, ever growing responsibilities. The availability of full funding from the State to achieve any required tasks will also determine the rate at which any such tasks are completed.

The work completed to date by Highlands Council staff and Morris County staff related to Basic Plan Conformance illustrates the complexity inherent in these tasks and the uncertainty associated with the entire process. "Basic Plan Conformance," which was originally presented as a simple task needing only minor modifications to supplements provided by the Council, will be anything but simple. All "supplements" will require extensive review, interpretation, modification and involvement by various County staff. The "supplements" will not be the "plug-and-play" documents originally anticipated, and will require substantial analysis and amendment before they can be considered for adoption by Morris County.

There is no precedent on which to base an estimate of costs for "Basic Plan Conformance." As a gauge, it may be noted that the Highlands Council set aside \$15,000 as grant money for this Initial Assessment Report, and inadequate amount to cover the extensive work and involvement of County staff leading to completion of this step, and this brief report constitutes only a very small part of the Basic Plan Conformance process and requirements.

Despite the uncertainty involved in this process the Highlands Council requires a cost estimate to achieve Basic Plan Conformance as part of this report. Of consideration are the administrative, technical and professional staff resources expended so far to follow the activities of the Highlands Council in development of the RMP and conformance documents, meetings with Highlands staff, review and interpretation of "Basic" conformance documents not yet provided, the as yet undeveloped Full Plan Conformance requirements and the uncertainty over the amount of "Basic conformance" work that might still be required by the Council, even after the Basic Plan Conformance petition is filed. Given what has gone into reaching this point and the uncertainty surrounding the final activities that will have to be completed prior to achievement of basic conformance, that the full cost of Basic Plan Conformance may be as high as **\$150,000+** when **finally complete some time in 2010**.

As per previous communication with Eileen Swan, Executive Director of the Highlands Council, this estimate is to be considered nonbinding and not used as a limit with regard to future funding requests.

APPENDIX 1

**PLAN CONFORMANCE FOR COUNTIES - KEY
REQUIREMENTS**



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JOHN R. WEINGART
Chairman

EILEEN SWAN
Executive Director

PLAN CONFORMANCE FOR COUNTIES KEY REQUIREMENTS

Under Plan Conformance, Highlands counties will incorporate all applicable elements of the Highlands Regional Master Plan (RMP) into county policies, plans, and regulations pertinent to the development and use of land. These will affect areas under Board of Chosen Freeholder authority, such as policies applicable to the operation and management of county facilities, stewardship of parks and open space, and expenditures on capital improvement projects. In addition, RMP policies will apply to the county planning program, requiring updates and/or supplements to the County Master Plan, various county management plans, and the criteria applicable to county review of development applications. This document provides a summary of what must be accomplished to achieve County Plan Conformance with the RMP.

Plan Conformance is mandatory with respect to the Highlands Preservation Area and voluntary with respect to the Planning Area. The Highlands Council encourages counties to seek Basic Plan Conformance for Preservation Areas, as a first step, and to consider conformance for Planning Area portions only after the Highlands Council has certified Preservation Area conformance. Items denoted by a checkmark (✓) are those required to achieve Basic Plan Conformance.

RMP UPDATE ANALYSIS



Conduct an analysis of RMP maps and data applicable to areas under county jurisdiction to determine the need for RMP Updates. Emphasis should be placed on county dedicated open space and other county properties, but if requested/authorized by a municipality, may be more inclusive (e.g., sewer and public water service area identification). Submit a request to the Highlands Council listing proposed RMP Updates if any, along with the back-up information required pursuant to Council guidelines. Opportunities to request additional RMP Updates will continue to be available throughout the Plan Conformance process.

PLANNING ANALYSIS

Evaluate county properties and facilities with respect to environmental and infrastructure capacity limitations, and county goals, objectives, and initiatives regarding future growth, development and redevelopment, land preservation and transportation/transit improvements.

Evaluate county planning and management programs to determine the type and degree of change needed to appropriately plan for future growth and development in accordance with the full range of relevant planning considerations, including but not limited to: a) capacity constraints; b) natural resource protection; c) open space and farmland preservation; d) historic preservation; e) optimizing use of public infrastructure; f) transportation constraints and opportunities; g) fiscal impact and economic sustainability; h) county needs and obligations; and i) principles of sustainability and smart growth.

The Highlands Act, the NJDEP Rules, and the RMP do not apply to specific developments and activities that are deemed exempt from the Highlands Act pursuant to N.J.S.A. 13:20-28 and N.J.A.C. 7:38-2.3. However, counties may choose to adopt regulations and internal policies that are more stringent than those required for Plan Conformance.

MASTER PLAN, POLICIES, & REGULATIONS

✓
Requires
a or b
only

The County Master Plan, applicable management plans, and implementing regulations must incorporate a number of the Goals, Policies, and Objectives (GPOs) of the RMP. To accomplish this aim, the County may: a) adopt the entire Highlands Regional Master Plan and accompanying reports and guidance documents by reference; b) adopt a Master Plan “Highlands Element” along with implementing “Highlands Regulations” as supplements to existing planning documents (models of each to be provided by the Highlands Council); or c) amend each applicable component of the existing County Master Plan and Regulations to include all relevant GPOs. Model language for (a) and (b) will be provided by the Highlands Council for County use. In any case, Highlands provisions will be applicable to county-owned facilities, improvement projects, and operations, to county management plans (e.g., Wastewater Management Plan), and in county review of applications for non-exempt development. These requirements apply in the Preservation Area, and in the Planning Area if Planning Area Plan Conformance is sought. Conforming county Master Plans and Regulations must at minimum, include and/or accomplish each of the items listed in the respective sections below.

A. MASTER PLAN

Where indicated as a requirement for Basic Plan Conformance, the provisions in 1, 2 and 3, and the requirements for incorporation of RMP GPOs in 5 and 6, below, are satisfied by completion of a or b under the discussion above.

✓
Satisfied
by a or b,
above

1. **Policies, Goals, & Objectives.** Adopt all county-relevant GPOs of the RMP, modified as appropriate to apply at the county level. In all cases, here and below, where GPOs are modified to apply to the county level, the resulting policies and objectives must be no less stringent than those of the RMP. (Where GPOs are discretionary, the county may choose which to incorporate, if any.)

✓
Satisfied
by a or b,
above

2. **Land Use Plan.** Adopt applicable Highlands Land Use Capability Map categories including Areas, Zones, and Sub-Zones as an overlay or supplement to existing land

use maps. Adopt the Land Use Capability Map (LUCM) series (upon verification of accuracy of factual information through RMP Updates) to the limits of the county boundary lines.



3. **Conservation Plan.** Adopt Highlands Resource Area Maps, as applicable, to the limits of the county boundary lines. Adopt Highlands Resource categories as defined in the RMP, along with specific applicable GPOs, as modified to apply at the county level. Incorporate the basis for requiring Low Impact Development techniques and use of Best Management Practices (BMPs) as applicable to county development reviews and county facilities. For application to county-owned properties and facilities and where applicable, in county planning board review of development applications:
 - a) Adopt a ground water recharge protection and mitigation policy consistent with the RMP;
 - b) Adopt a wellhead protection policy (if applicable) pertinent to Well Head Protection Areas, consistent with the RMP;
 - c) Adopt a stormwater management policy consistent with the RMP;
 - d) Adopt a county facilities planning policy incorporating RMP goals in support of low impact development practices, green building design and enhanced energy efficiency. Include consideration of opportunities for shared services/infrastructure both at the county level and in support of municipal initiatives.

4. **Transportation/Circulation Plan.** Incorporate applicable RMP GPOs, modified to apply to county level, into a new or updated Transportation/Circulation Plan. The Plan should link transportation and land use at the local and regional level and ensure mobility and accessibility; evaluate regional Transit Scores; and promote connectivity, shared service opportunities and long-term transportation network needs. In addition, the Plan must:
 - a) Incorporate RMP policies and objectives within the context of the North Jersey Transportation Planning Authority (NJTPA) MPO Regional Transportation Plan.
 - b) Indicate how the county will coordinate with municipalities and surrounding counties regarding joint or collaborative efforts to address regional transportation and transit concerns and support local needs.
 - c) Include a discussion regarding existing and proposed transportation facilities, county roads and bridges, planned or anticipated road improvements, capacity conditions as related to existing and future forecasted or projected growth, and an evaluation of transit ridership patterns and limitations.
 - d) Support safety and security of inter-modal transportation for motorized and non-motorized users.

- e) Evaluate opportunities to increase freight service through the reactivation of abandoned freight lines.
- f) Support regional tourism initiatives and the recognition and protection of historic bridges and structures, and scenic resource view sheds along scenic byways and road corridors.
- g) Ensure to the extent practicable, that proposed transportation improvements be consistent with the RMP and support state and regional planning goals.

✓
Satisfied
by a or b,
above
plus
Updated
Inventory

5. ***Open Space and Recreation Plan.*** Incorporate applicable RMP GPOs, modified to apply to the county level into a new or updated Open Space & Recreation Plan. Include acknowledgment of Highlands RMP conservation priority areas and the Special Environmental Zone and a discussion of how these priority areas relate to county priorities. Incorporate language supporting municipal land preservation and use of effective land stewardship techniques in both municipal and county preservation efforts. Adopt an up-to-date, mapped inventory of preserved county parks, open space, and recreational lands (unless an existing inventory remains current); and, in the case of any county lands preserved using funding from the NJDEP Green Acres Program, an up-to-date Recreation and Open Space Inventory (ROSI) (unless an existing ROSI remains current). (If these inventories would be one and the same, the updated ROSI alone will satisfy this requirement.) Establish an ecological baseline inventory for preserved open space lands owned by, dedicated to, or otherwise under the jurisdiction of the county, to support planning, preservation, and stewardship initiatives.

✓
Satisfied
by a or b,
above
plus
Updated
Inventory

6. ***Agriculture Retention/Farmland Preservation Plan (if applicable).*** Adopt Highlands Agricultural Resources Area Map to the limits of county boundary lines. Incorporate applicable RMP GPOs and recognition of the RMP agricultural priority areas, modified to apply to the county level, into a new or updated Agriculture Retention/Farmland Preservation Plan. Incorporate language to support municipal farmland preservation programs, the viability of the agricultural industry, the use of BMPs, and a commitment to the Right to Farm Act. Include language supportive of municipal conformance requirements regarding clustering and conservation design. Adopt an up-to-date, mapped inventory of preserved farmland (unless an existing inventory map remains current).

7. ***Historic Preservation Plan.*** Incorporate applicable RMP GPOs, modified to apply to the county level into a new or updated Historic Preservation Plan. Adopt listing and discussion of applicable county resources from the Highlands Historic and Cultural Resources Inventory and the New Jersey Register of Historic Places.

✓

8. ***Relationship of Master Plan to RMP & SDRP.*** As required by the Highlands Act, confirm and discuss the consistency of the County Master Plan with the Highlands RMP. Discuss the consistency of the County Master Plan with the State Development and Redevelopment Plan (SDRP). Indicate that conformance with the RMP exempts the county from Plan Endorsement from the State Planning

Commission (SPC) with respect to Preservation Areas, and discuss the county's intent with respect to Planning Areas, for which it may seek Plan Conformance from the Highlands Council or Plan Endorsement from the SPC.

B. COUNTY REGULATIONS

Adopt the following for application to county facilities, improvement projects, and in county review of applications for non-exempt development filed pursuant to the New Jersey County Planning Act (N.J.S.A. 40:27-1 et seq).

1. ***Stormwater Management.*** Incorporate applicable RMP policies, goals and objectives into: a) any existing or proposed County Stormwater Management Plan; b) requirements and criteria applied in review of municipal stormwater management plans and implementing ordinances; and c) regulations and criteria applied in review of stormwater control plans submitted in connection with development applications that affect county drainage facilities. Applicable RMP policies, goals, and objectives will include at minimum, those concerning stormwater management, ground water recharge, Highlands open waters and riparian areas, carbonate rock, and low impact development.
2. ***County Roads.*** Incorporate applicable RMP policies, goals and objectives into the standards and criteria pertinent to: a) design and construction of county roadways and related facilities; and b) review of development applications that affect county roadways and related facilities. Applicable RMP policies, goals, and objectives will include at minimum, those concerning stormwater management, low impact development, and scenic and historic resources (i.e., designated bridges and scenic byways). The Highlands Council will provide specific follow-up guidance to assist counties in this regard.
3. ***Open Space Preservation.*** Adopt Highlands conservation and land stewardship easement language for use in county open space easements. Ensure that ecological baseline data are collected for properties owned by or dedicated to the county, with priority for new acquisitions, identifying major ecological communities, species of concern, stewardship issues and opportunities for improvement in support of Open Space Master Plan goals.
4. ***Development Reviews.*** Update development application submission requirements as needed to require the following, applicable to county planning board applications not subject to review/approval by a municipal land use board:
 - a. Where applications have been prepared in a digitized format, include digital information compliant with Highlands Digital Parcel Map standards.
 - b. For all non-exempt development applications, include a Highlands Consistency Determination from the Highlands Council indicating that the proposal is either consistent or inconsistent with the RMP, and, where inconsistent, the specific reasons for the inconsistency;



c. For non-exempt development applications having received a Consistency Determination indicating that revisions are required to achieve consistency, a certification from the applicant's professional(s) affirming that the plans have been revised to specifically address the inconsistencies identified by the Highlands Council and that to the best of his/her professional knowledge, they have achieved consistency.

5. **Filing/Recording Procedures.** Where applications have been prepared in a digitized format, require that approved subdivision plats, easements, and other like reservations of land be submitted for recording with the County in digitized format compliant with Highlands Digital Parcel Map standards.



6. **County Capital Projects.** Adopt for application to county facilities, a requirement that all capital projects in the Preservation Area receive a consistency determination from the Highlands Council prior to county approval and construction, and that all capital projects in the Planning Area be submitted to the Highlands Council for non-binding comment.



7. **Resource Area and Supporting Requirements.** Adopt for application to facilities owned or operated by the county, Highlands requirements regulating water and wastewater, Highlands resources, and all Highland Resource Areas located within the county. Such requirements will ultimately cover the following, where applicable:

- Steep Slopes
- Critical Habitat
- Forest Areas
- Carbonate Rock Areas
- Open Water and Riparian Areas
- Agricultural Resources
- Ground Water Recharge
- Lake Management
- Wellhead Protection
- Low Impact Development
- Stormwater Management
- Scenic Resources
- Historic/Cultural

C. ENVIRONMENTAL AND INFRASTRUCTURE CAPACITY



1. **Environmental Resource Inventory (ERI).** Adopt all Highlands resource data, including maps and supplemental information as provided by the Highlands Council to serve as or supplement an existing County ERI.

2. **Wastewater Management Plan (WMP).** Prepare and provide *after* submitting to NJDEP for approval, a County Wastewater Management Plan (or endorsement of municipal wastewater management plans where no County Wastewater Management Plan will be developed) applicable to, at minimum, the Highlands portion of the County, and a septic system management/maintenance plan (as applicable) consistent with the requirements of the RMP and N.J.A.C. 7:15 et seq. Adopt applicable RMP GPOs, modified to apply to the county level, based upon Highlands Council wastewater management technical guidance. The WMP must be prepared in

accordance with all NJDEP protocols, including requirements for conforming and non-conforming municipalities regarding sewer service areas and septic system yield analyses.

COUNTY SELF-ASSESSMENT & IMPLEMENTATION SCHEDULE



Complete County Self-Assessment (CSA) and prepare CSA Report. The CSA Report should list and discuss all changes to the county planning program that remain necessary from the time of filing a petition to achieve full Plan Conformance. It should identify areas requiring coordination with the Highlands Council and/or with affected municipalities and other agencies. The CSA Report must also include a proposed Implementation Schedule, indicating the timeframe for anticipated completion of the individual items and the overall program.

PROPOSED MAP ADJUSTMENTS

With regard to County properties and facilities only, provide a narrative discussion on proposed Map Adjustments, if any, along with the justification for each. Map Adjustments refer to changes to the Land Use Capability Zone Map such that all map adjustments provide results that are equal to or exceed on a whole the resource protection provided by the RMP. Map Adjustments will be considered by the Highlands Council in accordance with the specific criteria provided in the RMP.

DISCRETIONARY COMPONENTS

In addition to required Plan Conformance elements a county may also include discretionary Plan Conformance components that facilitate and support regional initiatives and municipal Plan Conformance. These may include such items as:

- Water Use and Conservation Management Plan
- Regional Stormwater Management Plan
- Critical Habitat Management Plan
- Scenic Resource Protection Plan

APPENDIX 2

RMP UPDATE DOCUMENTATION

MORRIS COUNTY RMP UPDATE – COUNTY OPEN SPACE - METHODOLOGY

Project Resources used for RMP Update – County-owned open space

Morris County Park Commission Recreation and Open Space Inventory, April 2009
Morris County Planning & Development - County Land Inventory Project (CLIP), August 2009
New Jersey Highlands Open Space, 1/9/2008

Methodology

Step 1 - Update the Morris County CLIP: The Morris County Park Commission's 2009 ROSI was reviewed to identify all County owned or maintained parcels that are listed on the recently submitted ROSI. Properties were added to the inventory as necessary and all missing properties were placed into GIS using coordinate geometry obtained through deeds or surveys. A block and lot check of the CLIP database was subsequently performed against the ROSI for each park facility. The final County Land Inventory is listed, by block and lot, in the attached CLIP - ROSI By Facility report.

Step 2 - Determine Missing parcels in Highlands Data: The revised CLIP (ROSI only) was compared with the Highland Open Space (County Lands) to identify CLIP parcels that were not listed in the Highlands OS inventory. This analysis uncovered 95 parcels that should be added to the Highlands County Open Space inventory. The attached report, ROSInotinHighlands, shows a block and lot listing of those properties. A complementary feature class will also be included in the geodatabase, which is being submitted to the Highlands Council digitally, and accompany this original report.

Step 3 - Determine misidentified "County Open Space" in Highlands Data: The CLIP (ROSI only) was overlaid with the Highland Open Space (County Lands) to identify Highlands parcels that were not in the County Land Inventory or that were not listed in the County ROSI. ModIV tax records as well as other County data were used to determine the ownership of some 71 parcels in the Highlands inventory that contradicts the County CLIP. This review uncovered 71 parcels with questionable designations in the Highlands Open Space data, shown in the report HighlandsOSnotinROSI. The "notes" column included in the report provides a brief description as to why the property should be excluded from the Highlands Open Space (County) Inventory. The parcels are further identified in the geodatabase.

Additional Notes

Parcel Geometry Changes: The differences in parcel geometry that exist between the County data and the Highlands data are too extensive to list individually. The County's routine parcel maintenance, with the replacement of many property boundaries with coordinate geometry, has led these two agency inventories to deviate. Included with this submission to the Highlands Council are the revised County Land Inventory layer and the County's most recent Parcel release in the geodatabase.

Partial property holdings: Several properties in the County ROSI are only partially County owned, although all parcels listed in the ROSI are included in their entirety. Where parcels are only partially owned by the County, this information is included in the notes. Further analysis will be required to identify conservation easements to more accurately map the specific County maintained portions of those "split" properties.

Preservation Trust: Several properties that are maintained by the County were purchased via the County's Preservation Trust funds. While these parcels have certain protections from future development, some are not included in the County ROSI. The trust fund properties are noted in this inventory, to be considered at the discretion of the Highlands.

Patriots Path: A large portion of the County's Patriots Path trail system exists as trail / conservation easements. These easements are not included in this ROSI. The County intends to collect additional information pertaining to these easements, with the future goal of mapping them into the County GIS. When this task is accomplished, all of the Patriots Path easements that are listed in the County ROSI will be submitted to the Highlands. A future grant to assist in this effort may be requested from the Highlands Council.

**MORRIS COUNTY RECREATION AND OPEN SPACE
INVENTORY (ROSI)**

UPDATED AUGUST 2009

Source: Morris County Department of Planning and Development, GIS Division

August 2009

Morris County Recreation and Open Space Inventory - By Facility

Local Unit: COUNTY OF MORRIS

County: MORRIS

Municipality	District	Block	Lot	Q' Code	Deed Book / Page	Acres	Notes
Bedminster Education Center							
Bedminster Twp	1801	2	1		/	36.70	
Chester Twp	1407	13	3	HL	04790 / 00268	76.06	Property not owned by County. Managed by MCPC.
Chester Twp	1407	13	4	HL	04917 / 00302	209.83	Property not owned by County. Managed by MCPC.
Chester Twp	1407	2	1	HL	/	178.22	*Property not owned by County of Morris. Property is managed by Morris County Park Commission.
Chester Twp	1407	2	4.01	HL	/	8.73	*Property not owned by County of Morris. Property is managed by Morris County Park Commission.
Chester Twp	1407	2	6	HL	04551 / 00257	251.64	Property not owned by County. Managed by MCPC.
Chester Twp	1407	3	15	HL	04790 / 00268	20.59	Property not owned by County. Managed by MCPC.
Chester Twp	1407	3	17.03	HL	04790 / 00268	20.11	Property not owned by County. Managed by MCPC.
Total Acres:						801.88	
Berkshire Valley Golf Course							
Jefferson Twp	1414	340	25		05392 / 00071	9.93	
Jefferson Twp	1414	340	28		5392 / 071	57.15	
Jefferson Twp	1414	381	20.01		05392 / 00071	12.76	
Jefferson Twp	1414	381	21		/	51.20	14_381_22 merged into lot 21 via tax assessor
Jefferson Twp	1414	387	1		04694 / 00250	333.42	14_387_9 merged into lot 1 via tax assessor
Jefferson Twp	1414	387	10		04900 / 00052	55.97	
Jefferson Twp	1414	387	2.01		05976 / 00102	0.68	
Jefferson Twp	1414	387	3.10		04630 / 00307	1.87	
Jefferson Twp	1414	387	3.11		04818 / 00280	7.01	
Total Acres:						529.97	
Black River Park							
Chester Twp	1407	13	1.01	HL	/	210.42	MCPC owns 121.47 acres, and manages entire tract
Chester Twp	1407	15	1	HL	/	555.05	
Chester Twp	1407	15	12.01	HL	/	21.08	
Chester Twp	1407	15	23	HL	04511 / 00033	6.12	
Chester Twp	1407	15	41	HL	/	60.20	
Chester Twp	1407	15	9.01	HL	/	12.50	
Chester Twp	1407	18	12.01	HL	/	1.11	
Chester Twp	1407	18	38	HL	/	2.05	
Total Acres:						868.50	
Colony Hill							
Washington Twp	1438	15	300		04878 / 00147	10.96	
Washington Twp	1438	16	300		04878 / 00147	8.71	
Washington Twp	1438	27	300		04878 / 00147	0.71	
Washington Twp	1438	28	300		04878 / 00147	18.58	
Washington Twp	1438	28	60.02		/	0.13	
Washington Twp	1438	33	300		04878 / 00147	33.54	
Washington Twp	1438	33	52	QFAR	04878 / 00147	5.83	
Washington Twp	1438	33	77		04878 / 00147	0.84	
Washington Twp	1438	54	28		04878 / 00147	1.79	
Washington Twp	1438	54	28.01		/	0.03	

Municipality	District	Block	Lot	Q' Code	Deed Book / Page	Acres	Notes
Washington Twp	1438	54	300		04878 / 00147	11.26	
Washington Twp	1438	54	301		03144 / 00243	1.32	
Washington Twp	1438	55	300		03144 / 00243	5.97	
Total Acres:						99.65	
Deer Hill							
Deer Hill Twp	1420	508	1		05770 / 00086	19.00	
Total Acres:						19.00	
Deer Creek							
Deer Creek Twp	1435	40901	10.01		/	40.54	
Deer Creek Twp	1435	40901	11		/	9.10	
Deer Creek Twp	1435	40901	13		/	18.25	
Total Acres:						67.89	
Deer Valley Golf Course							
Deer Valley Twp	1427	5900	1		/	0.15	
Deer Valley Twp	1427	5900	2		/	222.69	
Deer Valley Twp	1436	101	14		/	5.51	
Deer Valley Twp	1436	101	15		/	94.50	
Deer Valley Twp	1436	101	2		/	40.95	
Deer Valley Twp	1436	101	5		/	30.45	
Deer Valley Twp	1436	101	6		/	16.13	
Total Acres:						410.38	
Deerfield Living Historical Farm							
Deerfield Twp	1422	3103	58		/	5.56	
Deerfield Twp	1422	3103	59		/	2.42	0.56 acre conservation easement on portion of lot
Deerfield Twp	1422	3103	60		/	9.72	1.66 acre conservation easement on portion of lot
Deerfield Twp	1422	3201	2		/	132.01	
Deerfield Twp	1422	3202	1		/	0.63	
Deerfield Twp	1422	4101	5		/	38.42	
Deerfield Twp	1422	4101	6		/	0.98	
Deerfield Twp	1422	4201	1		/	0.77	
Deerfield Twp	1422	4202	1		/	8.23	
Deerfield Twp	1422	4202	2		/	23.59	
Total Acres:						222.31	
Deerfield State Arboretum							
Deerfield Twp	1412	1902	6		/	30.87	
Deerfield Twp	1422	10001	2		/	96.61	
Total Acres:						127.48	
Deerfield State Outdoor Education Center							
Deerfield Twp	1405	113	115		/	0.81	
Deerfield Twp	1405	48	113		/	21.07	
Deerfield Twp	1405	48	114		/	11.55	
Deerfield Twp	1405	48.14	106		/	10.17	
Total Acres:						43.60	

<i>Municipality</i>	<i>District</i>	<i>Block</i>	<i>Lot</i>	<i>Q' Code</i>	<i>Deed Book / Page</i>	<i>Acres</i>	<i>Notes</i>
Craystone							
Parsippany-Troy Hills Twp	1429	10	1.02		/	54.84	Changed to ROSI - Long Range Planning Updates
Parsippany-Troy Hills Twp	1429	10	1.03		/	63.10	Changed to ROSI - Long Range Planning Updates
Parsippany-Troy Hills Twp	1429	13	1.19		/	181.33	Changed to ROSI - Long Range Planning Updates
Total Acres:						299.27	
Hedden Park							
Dover Town	1409	101	3		03042 / 00720	31.45	
Dover Town	1409	101	4		03119 / 00117	14.91	
Dover Town	1409	101	6		/	3.76	
Dover Town	1409	503	12		03042 / 00720	14.31	
Mine Hill Twp	1420	1504	1		/	47.59	
Mine Hill Twp	1420	1806	1		/	37.96	
Mine Hill Twp	1420	1901	1		/	3.85	
Mine Hill Twp	1420	2101	1		/	102.25	
Randolph Twp	1432	53	1		/	20.23	
Randolph Twp	1432	53	100		/	6.53	
Randolph Twp	1432	53	2		/	33.90	
Randolph Twp	1432	53	3		/	2.46	
Randolph Twp	1432	53	37		/	19.62	
Randolph Twp	1432	53	97		/	1.14	
Randolph Twp	1432	53	98		/	6.96	
Randolph Twp	1432	53	99		/	6.53	
Randolph Twp	1432	77	1		/	33.92	
Total Acres:						387.37	
Historic Speedwell							
Morristown Town	1424	201	3		05714 / 00067	8.22	
Total Acres:						8.22	
Hugh Force Park							
Wharton Boro	1439	602	1		/	6.34	Property not owned by Morris County. Managed by MCPC. Also Identified as West Morris Greenway
Wharton Boro	1439	603	1		/	1.77	Property not owned by Morris County. Managed by MCPC.
Wharton Boro	1439	604	1		/	1.96	Property not owned by Morris County. Managed by MCPC.
Total Acres:						10.07	
James Andrews Memorial Park							
Randolph Twp	1432	119	100		/	5.38	
Randolph Twp	1432	119	118		/	102.98	
Randolph Twp	1432	119	124		/	9.20	
Randolph Twp	1432	119	129		/	33.55	
Randolph Twp	1432	119	2		/	6.10	
Randolph Twp	1432	119	3		/	2.01	
Randolph Twp	1432	119	76		/	69.97	
Randolph Twp	1432	119	79		/	11.46	
Randolph Twp	1432	119	83		/	8.41	

Municipality	District	Block	Lot	Q' Code	Deed Book / Page	Acres	Notes
Andolph Twp	1432	119	84		/	12.00	
Andolph Twp	1432	119	85		/	85.98	
Andolph Twp	1432	119	95		03896 / 00166	28.49	
Andolph Twp	1432	119	96		/	13.18	
Andolph Twp	1432	119	97		/	5.98	
Andolph Twp	1432	119	98		/	5.03	
Andolph Twp	1432	119	99		/	8.90	
Andolph Twp	1432	155	18		/	8.17	
Andolph Twp	1432	155	59		/	5.58	
Andolph Twp	1432	155	60		/	2.39	
Andolph Twp	1432	155	61		/	0.86	
Andolph Twp	1432	155	62		/	38.22	
Andolph Twp	1432	155	63		/	0.51	
Andolph Twp	1432	166	1		/	21.67	
Andolph Twp	1432	166	3		/	74.54	
Andolph Twp	1432	215	29		/	21.17	
Total Acres:						581.71	

Dunbar Woods							
Dunbar Twp	1402	10201	1.02		/	38.33	Property is co-owned with P.O.W.W.W.
Dunbar Twp	1402	10201	1.03		/	21.57	
Dunbar Twp	1408	61302	80		06440 / 00216	1.90	
Dunbar Twp	1408	61304	609		06239 / 00021	4.96	
Dunbar Twp	1408	70001	1		/	62.02	
Dunbar Twp	1408	70002	1		/	363.56	
Dunbar Twp	1408	70501	391		/	0.61	
Dunbar Twp	1408	70501	397		/	0.42	
Dunbar Twp	1408	70501	407		/	0.29	
Dunbar Twp	1408	70503	10		06207 / 00010	1.08	
Dunbar Twp	1408	70503	11		/	0.73	
Dunbar Twp	1408	70503	234		06457 / 00026	0.91	
Dunbar Twp	1408	70503	244		06207 / 00028	0.74	
Dunbar Twp	1408	70503	256		/	0.45	
Dunbar Twp	1408	70503	264		/	0.34	
Dunbar Twp	1408	70503	6		/	1.80	
Dunbar Twp	1408	70503	7		06207 / 00016	1.09	
Dunbar Twp	1408	70503	9		06207 / 00022	1.04	
Dunbar Twp	1435	30701	36		/	2.75	
Dunbar Twp	1435	30701	37		/	0.81	
Dunbar Twp	1435	30701	38		/	0.95	
Total Acres:						506.33	

East Liberty Park Marina							
East Arlington Boro	1426	10	67		05762 / 00237	1.55	
East Arlington Boro	1426	10	68		04054 / 00340	6.24	
East Arlington Boro	1426	10	69		/	3.30	
East Arlington Boro	1426	10	70		04054 / 00346	0.65	

<i>Municipality</i>	<i>District</i>	<i>Block</i>	<i>Lot</i>	<i>Q' Code</i>	<i>Deed Book / Page</i>	<i>Acres</i>	<i>Notes</i>
Mt Arlington Boro	1426	8	10.01		05762 / 00237	0.57	
Arlington Boro	1426	8	10.02		05762 / 00237	0.51	
Total Acres:						12.83	
Lewis Morris Park							
Harding Twp	1413	29	2		/	187.77	
Mendham Twp	1419	127	171		/	217.52	
Mendham Twp	1419	139	15		/	3.99	
Mendham Twp	1419	139	20		/	2.82	
Mendham Twp	1419	139	41		/	1.40	
Mendham Twp	1419	139	42		/	16.75	
Mendham Twp	1419	139	50		/	2.69	
Mendham Twp	1419	139	52		/	0.47	
Mendham Twp	1419	141	34		04896 / 00114	4.26	
Mendham Twp	1419	141	35		/	2.75	
Mendham Twp	1419	141	36		/	0.15	
Mendham Twp	1419	141	37		/	16.83	
Mendham Twp	1419	141	38		05058 / 00348	18.88	
Mendham Twp	1419	141	39		/	79.63	
Mendham Twp	1419	141	40		/	18.32	
Mendham Twp	1419	141	41		/	18.97	
Mendham Twp	1419	142	29		/	141.92	
Mendham Twp	1419	142	63		/	341.79	
Mendham Twp	1419	142	66		/	3.44	
Mendham Twp	1419	142	68		/	9.61	
Mendham Twp	1419	142	70		/	12.45	
Morris Twp	1422	3201	13		05537 / 00196	2.62	
Morris Twp	1422	3201	14		05537 / 00196	3.02	
Morris Twp	1422	3201	15		05537 / 00196	230.41	
Morris Twp	1422	3201	9		/	0.37	
Morris Twp	1422	3202	4		05537 / 00196	249.42	
Morris Twp	1422	3202	9		05537 / 00196	3.19	
Morris Twp	1422	3203	10		/	10.76	
Morris Twp	1422	3203	16		/	21.90	
Morris Twp	1422	3203	17		05537 / 00196	56.23	
Morris Twp	1422	3203	18		05537 / 00196	22.67	
Morris Twp	1422	3203	3		05537 / 19648	51.08	
Morris Twp	1422	3203	3.01		05537 / 00201	82.57	
Morris Twp	1422	3203	9		/	5.44	
Morris Twp	1422	3601	2		05537 / 00196	1.80	
Morris Twp	1422	4501	3		/	103.27	
Total Acres:						1,947.09	
Chatham Brook Reservation							
Chatham Twp	1405	139	18	QFAR	/	11.28	
Chatham Twp	1405	139	18.02		/	2.49	

Municipality	District	Block	Lot	Deed Book /		Acres	Notes
				Q' Code	Page		
hatham Twp	1405	139	6		/	147.55	*Property not owned by Morris County. Property is managed by Morris County Park Commission.
hatham Twp	1405	139	8		/	0.66	
hatham Twp	1405	139	9	QFAR	/	18.67	
hatham Twp	1405	141	3.02		/	1.32	*Property not owned by Morris County. Property is managed by Morris County Park Commission.
hatham Twp	1405	141	5		/	72.97	*Property not owned by Morris County. Property is managed by Morris County Park Commission.
hatham Twp	1405	141	9		/	51.98	*Property not owned by Morris County. Property is managed by Morris County Park Commission.
hatham Twp	1405	141	9.05		/	13.47	*Property not owned by Morris County. Property is managed by Morris County Park Commission.
hatham Twp	1405	141	9.06		/	0.99	*Property not owned by Morris County. Property is managed by Morris County Park Commission.
hatham Twp	1405	144	20	QFAR	/	32.02	Morris County holds a conservation easement and manages property.
hatham Twp	1405	144	21		/	40.96	Morris County holds a conservation easement and manages property.
hatham Twp	1405	144	45		05522 / 00142	9.06	
hatham Twp	1405	48.21	165.06		/	16.50	*Property not owned by Morris County. Property is managed by Morris County Park Commission.
arding Twp	1413	2	10		/	82.04	*Property not owned by Morris County. Property is managed by Morris County Park Commission.
adison Boro	1417	3201	1		04114 / 00042	24.63	*Property not owned by Morris County. Property is managed by Morris County Park Commission.
orris Twp	1422	7401	2		/	111.85	*Property not owned by Morris County. Property is managed by Morris County Park Commission.
Total Acres:						638.42	
Jefferson Twp							
Jefferson Twp	1414	320	1		03026 / 00115	102.30	
Jefferson Twp	1414	320	11		/	52.89	
Jefferson Twp	1414	320	12		/	33.94	
Jefferson Twp	1414	320	13		/	0.12	
Jefferson Twp	1414	320	8		/	1.43	
Jefferson Twp	1414	320	9		/	2.93	
Jefferson Twp	1414	320.02	1		/	4.19	
Jefferson Twp	1414	320.05	1		/	116.54	
Jefferson Twp	1414	320.05	6		/	37.30	Lot 6.01 merged into lot 6 via tax assessor.
Jefferson Twp	1414	320.05	7		/	6.67	
Jefferson Twp	1414	320.05	8		/	16.94	
Jefferson Twp	1414	320.05	9		/	7.66	
Jefferson Twp	1414	335	4		/	12.75	
Jefferson Twp	1414	335	6.02		/	1.10	
Jefferson Twp	1414	335	7		/	633.91	
Jefferson Twp	1414	335	7.01		/	237.95	
Jefferson Twp	1414	335	8.01		21190 / 1642	0.56	
Jefferson Twp	1414	335.01	1		/	0.49	
Jefferson Twp	1414	335.02	8		21190 / 1642	1.53	
Jefferson Twp	1414	336	1		/	358.89	
Jefferson Twp	1414	336	10		/	201.25	

<i>Municipality</i>	<i>District</i>	<i>Block</i>	<i>Lot</i>	<i>Q' Code</i>	<i>Deed Book / Page</i>	<i>Acres</i>	<i>Notes</i>
Jefferson Twp	1414	336	12		03429 / 00001	5.16	
Jefferson Twp	1414	336	23		04296 / 00001	16.64	
Jefferson Twp	1414	336	23.06		04296 / 00011	6.07	
Jefferson Twp	1414	336	23.07		04296 / 00001	8.11	
Jefferson Twp	1414	336	23.08		04296 / 00001	8.38	
Jefferson Twp	1414	336	23.09		04296 / 00001	7.37	
Jefferson Twp	1414	336	27		04296 / 00001	14.15	
Jefferson Twp	1414	336	30		06535 / 00276	52.76	
Jefferson Twp	1414	336	32		04547 / 00289	195.05	
Jefferson Twp	1414	336	34		/	32.49	
Jefferson Twp	1414	336	34.01		04547 / 00289	24.96	
Jefferson Twp	1414	336	37		/	33.80	
Jefferson Twp	1414	336	54		04296 / 00001	0.40	
Jefferson Twp	1414	336	54		04296 / 00001	0.99	
Jefferson Twp	1414	337	2		/	9.25	
Jefferson Twp	1414	391	2		04912 / 00244	26.73	
Jefferson Twp	1414	446	1		03026 / 00115	34.88	
Jefferson Twp	1414	446	1.01		/	43.16	
Jefferson Twp	1414	446	1.02		03026 / 00115	25.52	
Jefferson Twp	1414	446	15		/	29.51	
Jefferson Twp	1414	446	2		/	19.91	
Jefferson Twp	1414	446	2.01		/	4.87	
Jefferson Twp	1414	446	2.02		/	11.92	
Jefferson Twp	1414	446	3		/	136.59	Owned by State, managed by MCPC
Jefferson Twp	1414	446	3.01		/	9.38	Owned by State, managed by MCPC
Jefferson Twp	1414	446	5		/	9.51	
Jefferson Twp	1414	446	6		/	5.18	
Jefferson Twp	1414	446	7		/	3.08	
Jefferson Twp	1414	446	8		/	555.47	
Sparta Twp	1918	4	54.02		/	2.05	
Sparta Twp	1918	4	54.03		/	80.90	Property not owned by Morris County Park Commission
Sparta Twp	1918	6	1.02		/	54.63	Property not owned by Morris County Park Commission
Sparta Twp	1918	6	1.03		/	51.32	Property not owned by Morris County Park Commission
Sparta Twp	1918	6	1.04		/	134.26	Property not owned by Morris County Park Commission
Sparta Twp	1918	6	29		/	0.84	Property not owned by Morris County Park Commission
Sparta Twp	1918	6	30.01		/	46.33	Property not owned by Morris County Park Commission
Sparta Twp	1918	6	30.02		/	13.39	Property not owned by Morris County Park Commission
Sparta Twp	1918	6	31		/	29.40	Property not owned by Morris County Park Commission
Total Acres:						3,575.67	

Municipality	District	Block	Lot	Q' Code	Deed Book / Page	Acres	Notes
It Olive Twp	1427	4500	29		06125/ 00211	26.46	
Total Acres:						26.46	
Jefferson Twp							
Jefferson Twp	1414	214	3		/	0.53	
Jefferson Twp	1414	215	1		/	4.06	
Jefferson Twp	1414	216	1		/	5.39	
Jefferson Twp	1414	217	3		/	0.82	
Jefferson Twp	1414	250	17.01		/	49.40	
Jefferson Twp	1414	250	17.02		/	23.53	
Jefferson Twp	1414	250	19		04756/ 00260	10.81	
Jefferson Twp	1414	250	20		/	170.64	
Jefferson Twp	1414	250	21		/	31.50	
Jefferson Twp	1414	250	22		/	1.77	
oxbury Twp	1436	13302	1		/	3.31	
Total Acres:						301.73	
Alamantong Wellfield							
andolph Twp	1432	21	127.01		05102/ 00083	8.84	Alamantong Wellfield
andolph Twp	1432	21	130.02		/	26.40	Alamantong Wellfield
andolph Twp	1432	21	142		05693/ 00188	2.23	Alamantong Wellfield
andolph Twp	1432	5	22		/	35.40	Alamantong Wellfield
andolph Twp	1432	5	23		05509/ 00064	13.12	Alamantong Wellfield
andolph Twp	1432	5	26		/	3.65	Alamantong Wellfield
andolph Twp	1432	6	26		04741/ 00169	26.03	Alamantong Wellfield
andolph Twp	1432	6	27.01		05104/ 00361	2.26	Alamantong Wellfield
andolph Twp	1432	6	42		/	18.14	Alamantong Wellfield
andolph Twp	1432	6	43		/	18.46	Alamantong Wellfield
andolph Twp	1432	6	53		/	21.22	Alamantong Wellfield
oxbury Twp	1436	1802	13		/	1.37	Alamantong Wellfield
Total Acres:						177.12	
Alamantong Wellfield							
It Olive Twp	1427	5900	10		05673/ 00108	5.71	
It Olive Twp	1427	5900	6.01		05770/ 00080	5.14	
It Olive Twp	1427	5900	9		/	5.47	
oxbury Twp	1436	101	1		05673/ 00108	5.90	
Total Acres:						22.22	
Alamantong Wellfield							
ockaway Twp	1435	10001	2.02		/	4.00	
ockaway Twp	1435	10001	3		/	403.78	
ockaway Twp	1435	20001	6		/	84.10	
Total Acres:						491.89	
Alamantong Wellfield							
hester Twp	1407	9	3.01	HL	/	282.36	
endham Twp	1419	107	64		/	3.36	

Municipality	District	Block	Lot	Deed Book /		Acres	Notes
				Q' Code	Page		
Total Acres:						285.72	
Troy Park							
Parsippany-Troy Hills Twp	1429	757	20		/	95.21	
Parsippany-Troy Hills Twp	1429	757	21		/	10.05	
Parsippany-Troy Hills Twp	1429	757	47		04133 / 00112	47.75	
Total Acres:						153.00	
Passaic River Park							
Chatham Twp	1405	1	1		/	17.58	
Chatham Twp	1405	1	1		/	1.54	
Chatham Twp	1405	1	1.01		/	3.23	
Chatham Twp	1405	2	2		/	16.61	
Chatham Twp	1405	2	2.01		/	38.95	
Chatham Twp	1405	40	17		04846 / 00040	0.49	
Chatham Twp	1405	42	7		/	2.28	
Chatham Twp	1405	44	1		/	5.67	
Chatham Twp	1405	44	2		/	4.80	
Chatham Twp	1405	44	3		/	17.58	
Chatham Twp	1405	44	4		/	11.05	
Long Hill Twp	1430	10101	18		02983 / 00087	186.95	
Long Hill Twp	1430	10101	20		03575 / 00125	70.79	
Long Hill Twp	1430	10101	21		00000 / 00000	28.18	
Long Hill Twp	1430	10201	10.21		03045 / 00174	127.55	
Long Hill Twp	1430	10201	10.22		03646 / 00148	10.50	
Long Hill Twp	1430	10201	10.23		/	11.45	
Long Hill Twp	1430	10301	12.04		/	10.40	
Long Hill Twp	1430	10301	16		03795 / 00011	40.62	
Long Hill Twp	1430	10301	16.02		03795 / 00011	36.94	
Long Hill Twp	1430	12202	1		/	2.02	
Long Hill Twp	1430	12202	7		/	0.96	
Long Hill Twp	1430	12202	9		/	8.96	
Long Hill Twp	1430	13406	26		05110 / 00239	24.44	
Long Hill Twp	1430	13501	10		/	142.96	
Total Acres:						822.48	
Patriot's Path							
Chester Twp	1407	41	16.02	HL	04922 / 00209	2.82	
Chester Twp	1407	43	6	HL	/	21.49	
East Hanover Twp	1410	134	1		06371 / 00267	1.29	
East Hanover Twp	1410	135	1		/	2.78	
East Hanover Twp	1410	140	1		/	1.43	
East Hanover Twp	1410	141	5		/	1.57	
Mendham Twp	1419	116	8.05		/	5.53	
Mendham Twp	1419	139	21		05839 / 00082	1.96	
Mt Olive Twp	1427	900	52		05621 / 00079	21.95	
Randolph Twp	1432	35	50.14		/	1.19	

Municipality	District	Block	Lot	Q' Code	Deed Book / Page	Acres	Notes
Andolph Twp	1432	35	65		05696 / 00275	21.50	
Andolph Twp	1432	40	4.36		05304 / 00248	3.08	
Andolph Twp	1432	40	4.37		/	4.05	
Washington Twp	1438	20	82		/	6.66	
Washington Twp	1438	20	83		/	8.75	
Washington Twp	1438	20	84		/	4.08	
Washington Twp	1438	20	85		/	14.87	
Washington Twp	1438	20	86		/	7.39	
Washington Twp	1438	20	88		/	33.78	
Washington Twp	1438	29	24		/	11.76	
Total Acres:						177.92	

Hickory Hill Wetlands Mitigation Program							
Rockaway Twp	1435	40701	19		/	2.97	
Rockaway Twp	1435	40701	19.01		/	2.06	
Rockaway Twp	1435	40701	19.02		/	3.50	
Rockaway Twp	1435	40701	60		/	22.00	
Rockaway Twp	1435	40701	61		/	7.01	
Rockaway Twp	1435	40701	62		/	2.03	
Rockaway Twp	1435	40701	63		/	46.85	
Rockaway Twp	1435	40801	93		03849 / 00247	7.66	
Rockaway Twp	1435	40901	5		06396 / 00142	62.21	
Rockaway Twp	1435	50001	16		03849 / 00250	5.57	
Warnton Boro	1439	1501	1		/	33.56	Formerly Blk 605/1401 lots 1/1. Lot dissolved. This is county's conservation easement.
Warnton Boro	1439	602	7		/	0.71	
Total Acres:						196.14	

Wilson Hill Wetlands Mitigation Program							
Warsippany-Troy Hills Twp	1429	26	13		04460 / 00086	9.32	
Warsippany-Troy Hills Twp	1429	26	14		04460 / 00086	3.91	
Total Acres:						13.23	

Wind Brook Golf Course							
East Hanover Twp	1410	99	29.03		00000 / 00000	37.15	
East Hanover Twp	1410	99	30.01		/	0.45	
Northham Park Boro	1411	201	2		02661 / 00919	64.63	
Total Acres:						102.23	

Warrenton Wetlands Natural Heritage Area							
Warrenton Twp	1402	20701	1	QFAR	/	30.80	
Warrenton Twp	1402	20701	11		/	17.06	
Warrenton Twp	1402	20901	13.01	QFAR	/	12.29	
Warrenton Twp	1402	20901	13.02		05576 / 00122	32.71	
Warrenton Twp	1402	21001	1		04454 / 00046	30.25	
Warrenton Twp	1402	21701	1.02		/	35.80	
Warrenton Boro	1415	58	112		/	98.30	
Warrenton Boro	1415	58	112.01		/	58.21	
Warrenton Boro	1415	58	112.03		/	12.62	

<i>Municipality</i>	<i>District</i>	<i>Block</i>	<i>Lot</i>	<i>Q' Code</i>	<i>Deed Book / Page</i>	<i>Acres</i>	<i>Notes</i>
Kinnelon Boro	1415	58	118		/	32.62	
Kinnelon Boro	1415	58	130		/	6.04	
Kinnelon Boro	1415	58	131		/	5.86	
Kinnelon Boro	1415	58	132		/	4.83	
Kinnelon Boro	1415	79	1		/	5.58	
Kinnelon Boro	1415	79	1.01		/	2.19	
Kinnelon Boro	1415	79	7		/	10.32	
Montville Twp	1421	1	1		/	2.37	
Montville Twp	1421	1	10		05302 / 00198	28.76	
Montville Twp	1421	1	11.44		04907 / 00026	76.66	
Montville Twp	1421	1	11.49		04907 / 00032	42.43	
Montville Twp	1421	1	11.50		04552 / 00303	54.48	
Montville Twp	1421	1	11.51		/	51.98	
Montville Twp	1421	1	11.55		05303 / 00214	24.91	
Montville Twp	1421	1	2		05354 / 00070	10.72	
Montville Twp	1421	1	32		03708 / 00001	2.80	
Montville Twp	1421	1	33		03593 / 00101	9.01	
Montville Twp	1421	1	7		/	0.02	
Montville Twp	1421	1	7		/	71.11	
Montville Twp	1421	1	8		02975 / 00684	38.27	
Montville Twp	1421	1	9		03488 / 00284	14.29	
Montville Twp	1421	1.1	1		05354 / 00070	1.50	
Montville Twp	1421	1.1	2		05547 / 00004	2.71	
Montville Twp	1421	24	17		00000 / 00000	16.69	
Montville Twp	1421	3	1		00000 / 00000	7.09	
Montville Twp	1421	3	12		/	6.77	
Montville Twp	1421	3	13		/	103.08	
Montville Twp	1421	3	15		/	28.73	Donated by University of Montclair
Montville Twp	1421	3	2		/	53.64	
Montville Twp	1421	3	21		04842 / 00214	4.01	
Montville Twp	1421	3	22		04842 / 00218	6.69	
Montville Twp	1421	3	23		05332 / 00222	5.77	
Montville Twp	1421	3	24		03576 / 00025	5.70	
Montville Twp	1421	3	25		/	17.06	
Montville Twp	1421	3	26		/	20.93	
Montville Twp	1421	3	28		04842 / 00222	20.75	
Montville Twp	1421	3	29		04160 / 00209	20.65	
Montville Twp	1421	3	3		03747 / 00057	23.15	
Montville Twp	1421	3	30		/	8.70	
Montville Twp	1421	3	31		/	1.96	
Montville Twp	1421	3	32		/	9.45	
Montville Twp	1421	3	33		/	21.59	
Montville Twp	1421	3	34		/	11.11	
Montville Twp	1421	3	35		/	6.83	
Montville Twp	1421	3	36		/	8.42	

Municipality	District	Block	Lot	Q' Code	Deed Book / Page	Acres	Notes
Montville Twp	1421	3	39		00000 / 00000	68.67	
Montville Twp	1421	3	4		/	11.64	
Montville Twp	1421	3	40.2		05491 / 00055	13.49	
Montville Twp	1421	3	5		/	7.77	
Montville Twp	1421	3	62		/	25.66	
Montville Twp	1421	3	63		04976 / 00209	6.23	
Montville Twp	1421	3	64		04160 / 00197	10.46	
Montville Twp	1421	3	66		/	7.32	
Montville Twp	1421	3	7		/	9.53	
Montville Twp	1421	3	9		/	22.75	
Montville Twp	1421	9	1		/	0.18	Donated by University of Montclair
Total Acres:						1,419.91	

Municipality	District	Block	Lot	Q' Code	Deed Book / Page	Acres	Notes
Washington Twp	1438	23	16		02993 / 00558	136.65	
Washington Twp	1438	23	17.01		/	8.02	
Washington Twp	1438	23	8.08		03027 / 00337	4.87	
Washington Twp	1438	24	1		/	28.16	
Washington Twp	1438	25	23.01		/	6.59	
Washington Twp	1438	25	53.05		/	12.01	
Washington Twp	1438	25	53.06		/	0.39	
Washington Twp	1438	25	54.01		/	0.30	
Washington Twp	1438	25	55		/	41.63	
Washington Twp	1438	25	56		02693 / 00705	68.28	
Washington Twp	1438	25	56.01		/	37.67	
Washington Twp	1438	25	56.02		/	7.54	
Washington Twp	1438	25	56.03		/	6.95	
Washington Twp	1438	25	56.04		/	7.37	
Washington Twp	1438	25	58		/	5.26	
Washington Twp	1438	25	59		/	1.03	
Washington Twp	1438	25	60		/	11.52	
Washington Twp	1438	25	61		/	10.57	
Washington Twp	1438	25	62		/	9.91	
Washington Twp	1438	25	63		/	7.82	
Washington Twp	1438	25	8		04080 / 00163	23.64	
Washington Twp	1438	25	9		/	36.98	
Washington Twp	1438	25	9.01		/	22.53	
Washington Twp	1438	25	9.02		/	65.06	
Washington Twp	1438	28	17		/	195.71	
Washington Twp	1438	28	60		03595 / 00319	33.55	
Washington Twp	1438	28	60.02		03144 / 00243	0.13	
Washington Twp	1438	28	62		04878 / 00147	0.60	
Total Acres:						790.75	

Municipality	District	Block	Lot	Q' Code	Deed Book / Page	Acres	Notes
Wenonah Boro	1415	11	12	QFAR	/	291.54	MCPC manages parts of property for NJDEP
Wenonah Boro	1415	11	79		/	7.94	MCPC manages parts of property for NJDEP

Municipality	District	Block	Lot	Deed Book /		Acres	Notes
				Q' Code	Page		
Kinnelon Boro	1415	11	79.01		/	259.48	
Kinnelon Boro	1415	26	115		/	407.53	
Kinnelon Boro	1415	3	1.02		/	62.54	
Kinnelon Boro	1415	30	1		/	257.33	
Kinnelon Boro	1415	30	1		/	167.37	MCPC manages parts of property for NJDEP
Total Acres:						1,453.73	

Subdivided Sub-Courses							
Kinnelon Boro	1415	89.10	101		/	0.98	
Kinnelon Boro	1415	89.10	102		/	3.44	
Kinnelon Boro	1415	89.10	103		/	16.47	
Pequannock Twp	1431	1501	11		/	1.77	
Pequannock Twp	1431	1501	11		/	0.37	
Pequannock Twp	1431	1501	16		/	12.02	
Pequannock Twp	1431	1501	28	05045 /	00147	14.53	
Pequannock Twp	1431	1501	29	02927 /	00095	11.44	
Pequannock Twp	1431	1501	31	03113 /	00310	2.76	
Pequannock Twp	1431	1501	32	03113 /	00310	3.26	
Pequannock Twp	1431	1501	4		/	98.93	
Pequannock Twp	1431	1501	7		/	1.73	
Pequannock Twp	1431	1501	8		/	0.53	
Total Acres:						168.22	

Other Parcels							
Boonton Twp	1402	41401	1		/	257.02	
Denville Twp	1408	50004	1		/	48.51	
Denville Twp	1408	50005	1		/	215.82	
Denville Twp	1408	51401	24	04900 /	00047	6.73	
Denville Twp	1408	60101	32	03886 /	00263	13.32	
Mountain Lakes Boro	1425	27	16		/	15.28	
Mountain Lakes Boro	1425	28	13		/	3.95	
Total Acres:						560.64	

Tract for Line Recreation Trail							
Florham Park Boro	1411	1301	1		/	1.87	Owned by FDU, Conservation easement held by MCPC.
Florham Park Boro	1411	1301	2		/	0.32	Owned by Sisters of St Elizabeth, Conservation easement held by MCPC.
Madison Boro	1417	306	47	04490 /	00147	2.47	
Morris Twp	1422	8411	2		/	1.59	
Morris Twp	1422	8505	2		/	0.64	
Morris Twp	1422	8608	14		/	1.77	
Morris Twp	1422	8608	16		/	1.01	
Morristown Town	1424	1302	1	02621 /	00881	1.98	
Morristown Town	1424	1302	1	02621 /	00881	1.49	
Total Acres:						13.14	

Unnamed							
Washington Twp	1438	13	57	05311 /	00077	11.94	

Municipality	District	Block	Lot	Q' Code	Deed Book / Page	Acres	Notes
Total Acres:						11.94	
Indian Village Sports Fields							
Innelon Boro	1415	89	114		/	3.95	
Innelon Boro	1415	89	116		/	7.71	
Innelon Boro	1415	89	118		/	16.39	
Innelon Boro	1415	89	118.01		/	18.73	
Innelon Boro	1415	89	55.01		20671 / 508	33.40	
Innelon Boro	1415	89	59		/	17.59	
Innelon Boro	1415	89	62		00000 / 00000	38.93	
Innelon Boro	1415	89	84.01		/	7.44	
Innelon Boro	1415	89	84.02		/	10.52	
Innelon Boro	1415	89	84.03		/	0.10	
Total Acres:						154.73	
Morris S. Member Sports Fields							
Morris Twp	1422	10401	1		02228 / 00754	15.43	
Total Acres:						15.43	

**MORRIS COUNTY OPEN SPACE (ROSI), NOT LOCATED IN
HIGHLANDS INVENTORY**

Source: Morris County Department of Planning and Development, GIS Division

August 2009

Morris County Open Space not in the Highlands Inventory - By Facility

Local Unit: COUNTY OF MORRIS

County: MORRIS

Municipality	District	Block	Lot	Q' Code	Deed Book / Page	Acres	Notes
Jefferson Twp	1414	266	5		/		Preserved With MC Pres Trust Fund \$\$
Mine Hill Twp	1420	703	12		/		Preserved With MC Pres Trust Fund \$\$
Randolph Twp	1432	6	27		/		Preserved With MC Pres Trust Fund \$\$
Roxbury Twp	1436	12701	4		/		Preserved With MC Pres Trust Fund \$\$
Roxbury Twp	1436	12701	5		/		Preserved With MC Pres Trust Fund \$\$
Total Acres:							
Bamford Brook Outdoor Education Center							
Bedminster Twp	1801	2	1		/	36.70	Parcel in Somerset County - Should be Highlands County OS
Total Acres:						36.70	
Berkshire Valley Golf Course							
Jefferson Twp	1414	340	25		05392 / 00071	9.93	Identified in 2009 County ROSI - add to Highlands
Jefferson Twp	1414	381	20.01		05392 / 00071	12.76	Identified in 2009 County ROSI - add to Highlands
Jefferson Twp	1414	387	2.01		05976 / 00102	0.68	Identified in 2009 County ROSI - add to Highlands
Jefferson Twp	1414	387	3.10		04630 / 00307	1.87	Identified in 2009 County ROSI - add to Highlands
Jefferson Twp	1414	387	3.11		04818 / 00280	7.00	Identified in 2009 County ROSI - add to Highlands
Total Acres:						32.24	
Black River Park							
Chester Twp	1407	18	12.01	HL	/	21.08	Identified in 2009 County ROSI - add to Highlands
Total Acres:						21.08	
Columbia Hill							
Washington Twp	1438	15	300		04878 / 00147	10.96	Identified in 2009 County ROSI - add to Highlands
Washington Twp	1438	54	28		04878 / 00147	1.79	Identified in 2009 County ROSI - add to Highlands
Washington Twp	1438	54	28.01		/	0.03	Identified in 2009 County ROSI - add to Highlands
Washington Twp	1438	54	301		03144 / 00243	1.32	Identified in 2009 County ROSI - add to Highlands
Washington Twp	1438	55	300		/	5.97	Identified in 2009 County ROSI - add to Highlands
Total Acres:						20.06	
Crainfield							
Rockaway Twp	1435	40901	11		/	9.10	Identified in 2009 County ROSI - add to Highlands
Rockaway Twp	1435	40901	13		/	18.24	Identified in 2009 County ROSI - add to Highlands
Total Acres:						27.35	
Flanders Valley Golf Course							
Mt Olive Twp	1427	5900	1		/	0.15	Identified in 2009 County ROSI - add to Highlands
Total Acres:						0.15	
Fosterfields Living Historical Farm							
Morris Twp	1422	3103	59		/	2.42	Identified in 2009 County ROSI - add to Highlands
Morris Twp	1422	3103	60		/	9.72	Identified in 2009 County ROSI - add to Highlands
Total Acres:						12.13	
Stony							
Parsippany-Troy Hills Twp	1429	10	1.02		/	54.84	Identified in 2009 County ROSI - add to Highlands
Parsippany-Troy Hills Twp	1429	10	1.03		/	63.10	Identified in 2009 County ROSI - add to Highlands

Municipality	District	Block	Lot	Q' Code	Deed Book / Page	Acres	Notes
Total Acres:						117.94	
East Park							
Andolph Twp	1432	53	97		/	1.14	Identified in 2009 County ROSI - add to Highlands
Total Acres:						1.14	
East Park							
Andolph Boro	1439	602	1		/	6.34	Identified in 2009 County ROSI - add to Highlands
Andolph Boro	1439	603	1		/	1.77	Identified in 2009 County ROSI - add to Highlands
Andolph Boro	1439	604	1		/	1.97	Identified in 2009 County ROSI - add to Highlands
Total Acres:						10.07	
East Park							
Andolph Twp	1402	10201	1		/	38.33	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1408	61302	80		06440 / 00216	1.90	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1408	61304	609		06239 / 00021	4.96	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1408	70501	391		/	0.61	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1408	70503	10		06207 / 00010	1.08	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1408	70503	11		/	0.73	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1408	70503	234		06457 / 00026	0.91	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1408	70503	244		06207 / 00028	0.74	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1408	70503	256		/	0.45	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1408	70503	264		/	0.34	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1408	70503	6		/	1.80	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1408	70503	7		06207 / 00016	1.09	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1408	70503	7		06207 / 00016	1.09	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1408	70503	9		06207 / 00022	1.04	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1435	10201	1.03		/	21.57	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1435	30701	36		/	2.75	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1435	30701	37		/	0.81	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1435	30701	38		/	0.95	Identified in 2009 County ROSI - add to Highlands
Total Acres:						81.14	
East Park							
Andolph Boro	1426	10	67		05762 / 00237	1.55	Identified in 2009 County ROSI - add to Highlands
Andolph Boro	1426	10	68		04054 / 00340	6.24	Identified in 2009 County ROSI - add to Highlands
Andolph Boro	1426	10	69		/	3.30	Identified in 2009 County ROSI - add to Highlands
Andolph Boro	1426	10	70		04054 / 00346	0.65	Identified in 2009 County ROSI - add to Highlands
Andolph Boro	1426	8	10.01		05762 / 00237	0.57	Identified in 2009 County ROSI - add to Highlands
Andolph Boro	1426	8	10.02		05762 / 00237	0.51	Identified in 2009 County ROSI - add to Highlands
Total Acres:						12.83	
East Park							
Andolph Twp	1414	335.01	1		21190 / 1642	0.49	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1414	335.02	8		21190 / 1642	1.53	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1414	336	54		04296 / 00001	0.99	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1414	337	2		/	9.25	Identified in 2009 County ROSI - add to Highlands
Andolph Twp	1414	446	2.01		/	4.87	Identified in 2009 County ROSI - add to Highlands
Total Acres:						17.13	

Municipality	District	Block	Lot	Q' Code	Deed Book / Page	Acres	Notes
Highlands Park							
Highlands Twp	1427	5900	9		/	5.47	Identified in 2009 County ROSI - add to Highlands
Roxbury Twp	1436	101	1		05673 / 00108	5.90	Identified in 2009 County ROSI - add to Highlands
Total Acres:						11.37	
Parrots Park							
Chester Twp	1407	43	6	HL	/	21.49	Identified in 2009 County ROSI - add to Highlands
Mendham Twp	1419	139	21		05839 / 00082	1.96	Identified in 2009 County ROSI - add to Highlands
Randolph Twp	1432	40	4.36		05304 / 00248	3.08	Identified in 2009 County ROSI - add to Highlands
Randolph Twp	1432	40	4.37		/	4.05	Identified in 2009 County ROSI - add to Highlands
Washington Twp	1438	13	57		05311 / 00077	11.94	Identified in 2009 County ROSI - add to Highlands
Washington Twp	1438	20	82		/	6.66	Identified in 2009 County ROSI - add to Highlands
Washington Twp	1438	20	83		/	8.75	Identified in 2009 County ROSI - add to Highlands
Washington Twp	1438	20	84		/	4.08	Identified in 2009 County ROSI - add to Highlands
Washington Twp	1438	20	85		/	14.86	Identified in 2009 County ROSI - add to Highlands
Washington Twp	1438	20	86		/	7.39	Identified in 2009 County ROSI - add to Highlands
Washington Twp	1438	20	88		/	33.78	Identified in 2009 County ROSI - add to Highlands
Washington Twp	1438	29	24		/	11.76	Identified in 2009 County ROSI - add to Highlands
Total Acres:						129.80	
Patrols Park/West Morris Greenway							
Rockaway Twp	1435	40701	19.01		/	2.06	Identified in 2009 County ROSI - add to Highlands
Rockaway Twp	1435	40701	19.02		/		Identified in 2009 County ROSI - add to Highlands
Rockaway Twp	1435	50001	16		/	5.57	Identified in 2009 County ROSI - add to Highlands
Warnton Boro	1439	602	7		/	0.71	Identified in 2009 County ROSI - add to Highlands
Total Acres:						8.35	
Pyramid Mountain Natural Historic Area							
Boonton Twp	1402	20701	11		/	17.06	Identified in 2009 County ROSI - add to Highlands
Boonton Twp	1402	20901	13.01	QFAR	/	12.29	Identified in 2009 County ROSI - add to Highlands
Boonton Twp	1402	21701	1.02		/	35.80	Identified in 2009 County ROSI - add to Highlands
Kinnelon Boro	1415	79	7		/	1.85	Identified in 2009 County ROSI - add to Highlands
Montville Twp	1421	1	1		/	2.37	Identified in 2009 County ROSI - add to Highlands
Montville Twp	1421	9	1		/	0.18	Identified in 2009 County ROSI - add to Highlands
Total Acres:						69.55	
Silas Condict Park							
Kinnelon Boro	1415	11	12	QFAR	/	291.53	Identified in 2009 County ROSI - add to Highlands
Kinnelon Boro	1415	11	79		/	7.94	Identified in 2009 County ROSI - add to Highlands
Kinnelon Boro	1415	26	115		/	228.11	Silas Condict - Joint ownership additional lots dissolved
Kinnelon Boro	1415	30	1		/	167.37	Identified in 2009 County ROSI - add to Highlands
Kinnelon Boro	1415	30	1		/	257.33	Identified in 2009 County ROSI - add to Highlands
Total Acres:						952.29	
Sunset Valley Golf Course							
Kinnelon Boro	1415	89.10	101		/	0.98	Identified in 2009 County ROSI - add to Highlands
Pequannock Twp	1431	1501	29		02927 / 00095	11.44	Identified in 2009 County ROSI - add to Highlands
Total Acres:						12.42	

Municipality	District	Block	Lot	Q' Code	Deed Book / Page	Acres	Notes
Highlands							
Highlands Twp	1408	60101	32		/	13.32	Identified in 2009 County ROSI - add to Highlands
Total Acres:						13.32	
Highlands							
Highlands Twp	1422	8801			/	0.64	Identified in 2009 County ROSI - add to Highlands
Total Acres:						0.64	
Highlands							
Highlands Boro	1415	89	114		/	3.95	Identified in 2009 County ROSI - add to Highlands
Highlands Boro	1415	89	116		/	7.71	Identified in 2009 County ROSI - add to Highlands
Highlands Boro	1415	89	118.01		/	18.73	Identified in 2009 County ROSI - add to Highlands
Highlands Boro	1415	89	55.01		20671 / 508	33.40	Identified in 2009 County ROSI - add to Highlands
Highlands Boro	1415	89	59		/	17.59	Identified in 2009 County ROSI - add to Highlands
Total Acres:						81.36	
						1,669.05	

**LANDS INCORRECTLY IDENTIFIED BY THE HIGHLANDS
COUNCIL AS MORRIS COUNTY OPEN SPACE, NOT IN
COUNTY OF MORRIS ROSI)**

Source: Morris County Department of Planning and Development, GIS Division

August 2009

Highlands Open Space Inventory not in County ROSI - By PID

Local Unit: COUNTY OF MORRIS

County: MORRIS

<i>Parcel ID</i>	<i>OS Name</i>	<i>OS Class</i>	<i>Acres</i>	<i>Notes</i>
1407-000520000-000180000		COUNTY	35.50	County MUA Property(Alamatong) - Not on ROSI
1408-500040000-000020000	TOURNE PARK	COUNTY	4.93	Suk Property - Not County Owned
1414-003360000-000190000	MAHLON DICKERSON RES	COUNTY	148.58	Headley Estate - Private property
1419-001070000-000650000	MOUNT PAUL MEMORIAL	COUNTY	0.87	Residential Peopery - Not County Owned
1419-001180000-000090000	Clyde Potts Reservoir	COUNTY	553.23	Clyde Potts - Not County
1419-001190000-000130000	Clyde Potts Reservoir	COUNTY	26.38	Clyde Potts - Not County
1419-001270000-000720000	LEWIS MORRIS PARK	COUNTY	5.01	Residential Property - Not County Owned
1419-001400000-000070000	LEWIS MORRIS PARK	COUNTY	3.08	Residential Property - Not County Owned
1420-001010000-000010002		COUNTY	20.35	County Owned - Not on ROSI
1422-009010000-000080000		COUNTY	15.74	Municipal Property
1422-032020000-000060000		COUNTY	4.80	Not Open Space - MUA Owned and rental houses
1422-032020000-000070000		COUNTY	1.38	Not Open Space - MUA Owned and rental houses
1422-037010000-000020000		COUNTY	0.87	County MUA, Residential - Not on ROSI
1422-037020000-000140000		COUNTY	0.72	Privately Held Property
1427-004000000-000040000		COUNTY	78.81	Camp Pulaski - County Owned not on ROSI
1427-004010000-000010000		COUNTY	253.46	Camp Pulaski - County Owned not on ROSI
1429-007570000-000190000	OLD TROY PARK	COUNTY	2.66	Private Property - Not on ROSI
1431-009020000-000020000		COUNTY	11.34	Passaic County Held?
1431-027010000-000050000	WOODLAND	COUNTY	40.14	Municipal Property
1431-038030000-000020000	GREENVIEW PARK	COUNTY	30.57	Municipal Property
1432-000060000-000010000		COUNTY	3.66	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000020000		COUNTY	10.67	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000030000		COUNTY	8.53	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000040000		COUNTY	19.35	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000050000		COUNTY	3.87	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000060000		COUNTY	0.80	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000070000		COUNTY	5.77	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000080000		COUNTY	33.78	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000090000		COUNTY	20.66	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000100000		COUNTY	7.26	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000110000		COUNTY	26.77	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000120000		COUNTY	7.90	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000180000		COUNTY	20.29	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000190000		COUNTY	20.02	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000200000		COUNTY	2.01	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000210000		COUNTY	46.56	County MUA Property(Alamatong) - Not on ROSI

<i>Parcel ID</i>	<i>OS Name</i>	<i>OS Class</i>	<i>Acres</i>	<i>Notes</i>
1432-000060000-000220000		COUNTY	0.07	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000230000		COUNTY	7.24	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000240000		COUNTY	0.98	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000250000		COUNTY	26.00	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000390000		COUNTY	4.96	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000400000		COUNTY	19.64	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000410000		COUNTY	6.43	County MUA Property(Alamatong) - Not on ROSI
1432-000060000-000440000		COUNTY	10.39	County MUA Property(Alamatong) - Not on ROSI
1432-000520000-000010000	Clyde Potts Reservoir	COUNTY	52.63	Clyde Potts - Not County
1432-000930000-000420000	Clyde Potts Reservoir	COUNTY	125.19	Clyde Potts - Not County
1432-000930000-000430000	Clyde Potts Reservoir	COUNTY	13.90	Clyde Potts - Not County
1432-000930000-000480000	Clyde Potts Reservoir	COUNTY	0.39	Clyde Potts - Not County
1432-000930000-000490000	Clyde Potts Reservoir	COUNTY	1.62	Clyde Potts - Not County
1432-000930000-000500000	Clyde Potts Reservoir	COUNTY	1.61	Clyde Potts - Not County
1432-000930000-000510000	Clyde Potts Reservoir	COUNTY	49.64	Clyde Potts - Not County
1432-000950000-000010000	Clyde Potts Reservoir	COUNTY	26.55	Clyde Potts - Not County
1432-001030000-000040000	Clyde Potts Reservoir	COUNTY	4.01	Clyde Potts - Not County
1432-001030000-000290000	Clyde Potts Reservoir	COUNTY	8.09	Clyde Potts - Not County
1432-001030000-000610000	Clyde Potts Reservoir	COUNTY	2.72	Clyde Potts - Not County
1432-001030000-000620000	Clyde Potts Reservoir	COUNTY	4.69	Clyde Potts - Not County
1432-001030000-000640000	Clyde Potts Reservoir	COUNTY	5.64	Clyde Potts - Not County
1432-001550000-000090000	JAMES ANDREWS MEMO	COUNTY	0.63	Residential Property - Not County Owned
1436-014010000-000020000		COUNTY	72.00	County MUA Property(Alamatong) - Not on ROSI
1436-014010000-000060000		COUNTY	23.54	County MUA Property(Alamatong) - Not on ROSI
1436-014010000-000070000		COUNTY	30.91	County MUA Property(Alamatong) - Not on ROSI
1436-014010000-000090000		COUNTY	0.43	County MUA Property(Alamatong) - Not on ROSI
1436-014010000-000100000		COUNTY	0.06	County MUA Property(Alamatong) - Not on ROSI
1436-018020000-000150000		COUNTY	1.52	County MUA Property(Alamatong) - Not on ROSI
1436-040010000-000020000		COUNTY	3.09	County active RR- Not on ROSI
1436-040020000-000130000		COUNTY	3.79	County active RR- Not on ROSI
1438-000170000-003000000	COLUMBIA TRAIL	COUNTY	0.55	County active RR- Not on ROSI
1438-000250000-000560006		COUNTY	20.06	Privately Held
1438-000280000-000140000	SCHOOLEY'S MOUNTAIN	COUNTY	10.44	Ort Farm - Preserved but not County owned
1438-000330000-000190000		COUNTY	30.41	County Property - Rt 24 Bypass acquisition
1438-000460000-000590000	COUNTY PRESERVES AC	COUNTY	7.71	Hunterdon Owned?

2,053.82