

APPENDIX A

CORRESPONDENCE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Fish and Wildlife, New York Natural Heritage Program
625 Broadway, Fifth Floor, Albany, NY 12233-4757
P: (518) 402-8935 | F: (518) 402-8925
www.dec.ny.gov

December 26, 2018

David Gilmour, AICP
Laberge Group
4 Computer Drive West
Albany, NY 12205

Re: Town of Ramapo Future Land Use GEIS and Northeast Ramapo Strategic Land Use Plan
County: Rockland Town/City: Ramapo

Dear Mr. Gilmour:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to the above project.

Enclosed is a report of rare or state-listed animals and plants and of significant natural communities that our database indicates occur in the two unincorporated portions of the Town of Ramapo designated as Northeast Ramapo and Western Ramapo. The Monsey/Hillcrest area has no recent records, and one historical record from 1954 of **spreading rush** (*Juncus subcaudatus*, NYS-listed as Endangered) from a pond on the west side of NYS Route 306 north of the end of Blauvelt Road; we have no recent information on this plant at this location, and its status there is unknown.

For most sites, comprehensive field surveys have not been conducted; the enclosed report only includes records from our database. We cannot provide a definitive statement as to the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

Sincerely,



Nicholas Conrad
Information Resources Coordinator
New York Natural Heritage Program

1473



Department of
Environmental
Conservation



Rare plants, rare animals, and significant natural communities documented in the unincorporated portions of the Town of Ramapo

The animals in this report are either listed as Endangered or Threatened by New York State, or while not listed by New York State as Endangered or Threatened, are rare in New York and are of conservation concern.

The plants in this report are listed as Endangered, Threatened or Rare by New York State, and are a vulnerable natural resource of conservation concern.

The natural communities in this report are considered significant from a statewide perspective by the NY Natural Heritage Program. Each community is either an example of a community type that is rare in the state, or a high-quality example of a more common community type. By meeting specific, documented criteria, the NY Natural Heritage Program considers these community occurrences to have high ecological and conservation value.

Northeast Ramapo

COMMON NAME	SCIENTIFIC NAME	NY STATE LISTING	HERITAGE CONSERVATION STATUS
South Mountain -- mostly within Gurnee County Park			
Torrey's Mountain Mint	<i>Pycnanthemum torreyi</i>	Endangered	Critically Imperiled in NYS and Globally Rare
1990-07-09: Along a trail to the mountain summit.			
Rocky Summit Grassland		High Quality Occurrence of Uncommon Community Type	
Very good occurrence with only minor disturbance.			

Western Ramapo -- outside of Harriman State Park

COMMON NAME	SCIENTIFIC NAME	NY STATE LISTING	HERITAGE CONSERVATION STATUS
High Mountain area , near Hillburn			
Timber Rattlesnake	<i>Crotalus horridus</i>	Threatened	Vulnerable in NYS
Rattlesnakes may travel up to 1.5 miles from documented locations.			
Kakiat County Park			
Timber Rattlesnake	<i>Crotalus horridus</i>	Threatened	Vulnerable in NYS
Rattlesnakes may travel up to 1.5 miles from documented locations.			

Western Ramapo -- outside of Harriman State Park (cont.)

COMMON NAME	SCIENTIFIC NAME	NY STATE LISTING	HERITAGE CONSERVATION STATUS
Kakiat County Park , Mahwah River			
Brook Floater	<i>Alasmidonta varicosa</i>	Threatened	Critically Imperiled in NYS
Shell of this listed freshwater mussel were found in 1994.			
Dusky Dancer	<i>Argia translata</i>	Unlisted	Critically Imperiled in NYS
Dragonfly documented in 2008.			
Mahwah River , near Wesley Hills and Pomona			
Hyssop Skullcap	<i>Scutellaria integrifolia</i>	Endangered	Critically Imperiled in NYS
1993-08-19: The plants are growing in a grassy area between the woods and the river, south of a powerline right-of-way that passes through a river floodplain.			
Frank's Sedge	<i>Carex frankii</i>	Endangered	Imperiled in NYS
Near Wesley Chapel, 2006-09-20: The plants are located in a riparian wetland associated with a river and within a pipeline right-of-way. The wetland is a wet meadow due to periodic maintenance/cutting of the vegetation in the right-of-way.			
Cyrano Darner	<i>Nasiaeschna pentacantha</i>	Unlisted	Imperiled in NYS
Damselfly, 2009-07-05: River and deciduous swamp.			
Ramapo Equestrian Center , just north of Pomona Village line			
Spatterdock Darner	<i>Rhionaeschna mutata</i>	Unlisted	Imperiled in NYS
Damselfly, 2007-06-05: Field.			
Sleater Hill area , 2003-06-12, on an approximately 30-degree southeast-facing forested slope			
Small-flowered Crowfoot	<i>Ranunculus micranthus</i>	Threatend	Imperiled in NYS
Reflexed Sedge	<i>Carex retroflexa</i>	Threatened	Imperiled in NYS
Small-flowered Crowfoot	<i>Ranunculus micranthus</i>	Rare	Vulnerable in NYS

Northern long-eared bat (*Myotis septentrionalis*, state and federally listed as Threatened), while not documented from Western Ramapo, is documented from several winter hibernacula near enough that the western part of Western Ramapo is within NYSDEC's area of concern for impacts on this species.

Western Ramapo -- within Harriman State Park

COMMON NAME	SCIENTIFIC NAME	NY STATE LISTING	HERITAGE CONSERVATION STATUS
Timber Rattlesnake	<i>Crotalus horridus</i>	Threatened	Vulnerable in NYS
Rattlesnakes may travel up to 1.5 miles from documented locations, and so may also be found outside of Harriman State Park, especially in forested areas.			
Eastern Wormsnake	<i>Carphophis amoenus</i>	Special Concern	Imperiled in NYS
Gray Petaltail dragonfly	<i>Tachopteryx thoreyi</i>	Special Concern	Imperiled in NYS
Dusky Dancer dragonfly	<i>Argia translata</i>	Unlisted	Critically Imperiled in NYS
Showy Aster	<i>Eurybia spectabilis</i>	Threatened	Imperiled in NYS
Violet Wood Sorrel	<i>Oxalis violacea</i>	Threatened	Imperiled in NYS
Clustered Sedge	<i>Carex cumulata</i>	Threatened	Imperiled in NYS
Reflexed Sedge	<i>Carex retroflexa</i>	Threatened	Imperiled in NYS
Yellow Harlequin	<i>Corydalis flavula</i>	Rare	Vulnerable in NYS
Small-flowered Crowfoot	<i>Ranunculus micranthus</i>	Rare	Vulnerable in NYS
Large Twayblade <i>historical record</i>	<i>Liparis lillifolia</i>	Endangered	Critically Imperiled in NYS
Highbush Blueberry Bog Thicket		High Quality Occurrence of Uncommon Community Type	
Rocky Summit Grassland		High Quality Occurrence of Uncommon Community Type	
Chestnut Oak Forest		High Quality Occurrence	

This report only includes records from the NY Natural Heritage database. For most sites, comprehensive field surveys have not been conducted, and we cannot provide a definitive statement as to the presence or absence of all rare or state-listed species. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

Information about many of the rare animals and plants in New York, including habitat, biology, identification, conservation, and management, are available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org, from NatureServe Explorer at www.natureserve.org/explorer, and from USDA's Plants Database at <http://plants.usda.gov/index.html> (for plants).

Information about many of the natural community types in New York, including identification, dominant and characteristic vegetation, distribution, conservation, and management, is available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org. For descriptions of all community types, go to www.dec.ny.gov/animals/97703.html for Ecological Communities of New York State.



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Long Island Ecological Services Field Office
340 Smith Road
Shirley, NY 11967-2258
Phone: (631) 286-0485 Fax: (631) 286-4003



In Reply Refer To:

December 18, 2018

Consultation Code: 05E1LI00-2019-SLI-0183

Event Code: 05E1LI00-2019-E-00393

Project Name: Town of Ramapo Future Land Use GEIS - Northeast Ramapo

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
-

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Long Island Ecological Services Field Office

340 Smith Road

Shirley, NY 11967-2258

(631) 286-0485

This project's location is within the jurisdiction of multiple offices. Expect additional species list documents from the following office, and expect that the species and critical habitats in each document reflect only those that fall in the office's jurisdiction:

New York Ecological Services Field Office

3817 Luker Road

Cortland, NY 13045-9385

(607) 753-9334

Project Summary

Consultation Code: 05E1LI00-2019-SLI-0183

Event Code: 05E1LI00-2019-E-00393

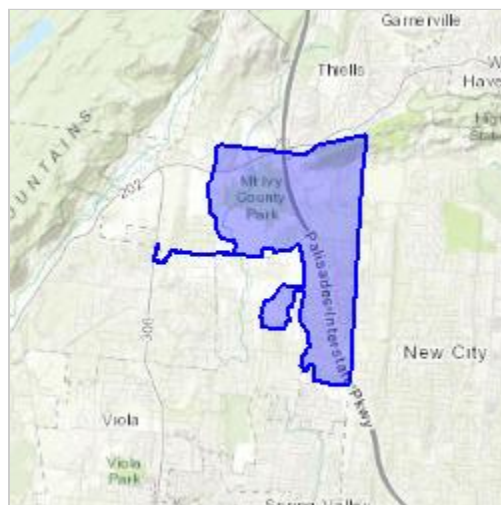
Project Name: Town of Ramapo Future Land Use GEIS - Northeast Ramapo

Project Type: Guidance

Project Description: The Town of Ramapo is conducting the "Town of Ramapo Future Land Use Generic Environmental Impact Statement" (GEIS) and Northeast Strategic Land Use Plan. The GEIS will assess possible impacts from future potential development within the unincorporated areas of the Town of Ramapo (outside the Town's 12 incorporated villages). This request is not part of a proposed development project, but rather part of the Town's comprehensive planning process. As part of the GEIS, it is anticipated that there will be a minimum of three strategic plans prepared for different areas of the unincorporated parts of the Town. The GEIS will address the potential impacts to natural resources, open space, land use, energy, community character, historic and cultural resources, transportation, and aspects of infrastructure and municipal and regional services. The purpose of this request is to obtain current data on protected species and habitats within the unincorporated areas of the Town of Ramapo to assist in the GEIS evaluation of potential future impacts and guide land use and policy decisions. This particular request is specific to the northeast section of the Town.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/41.16627294513181N74.02721533421109W>



Counties: Rockland, NY

Endangered Species Act Species

There is a total of 0 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.



United States Department of the Interior

FISH AND WILDLIFE SERVICE
New York Ecological Services Field Office

3817 Luker Road
Cortland, NY 13045-9385

Phone: (607) 753-9334 Fax: (607) 753-9699

<http://www.fws.gov/northeast/nyfo/es/section7.htm>



In Reply Refer To:

December 18, 2018

Consultation Code: 05E1NY00-2019-SLI-0648

Event Code: 05E1NY00-2019-E-01957

Project Name: Town of Ramapo Future Land Use GEIS - Northeast Ramapo

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (ESA) of 1973, as amended (16 U.S.C. 1531 *et seq.*). This list can also be used to determine whether listed species may be present for projects without federal agency involvement. New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list.

Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the ESA, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC site at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list. If listed, proposed, or candidate species were identified as potentially occurring in the project area, coordination with our office is encouraged. Information on the steps involved with assessing potential impacts from projects can be found at: <http://www.fws.gov/northeast/nyfo/es/section7.htm>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (<http://www.fws.gov/windenergy/>)

[eagle_guidance.html](#)). Additionally, wind energy projects should follow the Services wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the ESA. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

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3817 Luker Road

Cortland, NY 13045-9385

(607) 753-9334

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Long Island Ecological Services Field Office

340 Smith Road

Shirley, NY 11967-2258

(631) 286-0485

Project Summary

Consultation Code: 05E1NY00-2019-SLI-0648

Event Code: 05E1NY00-2019-E-01957

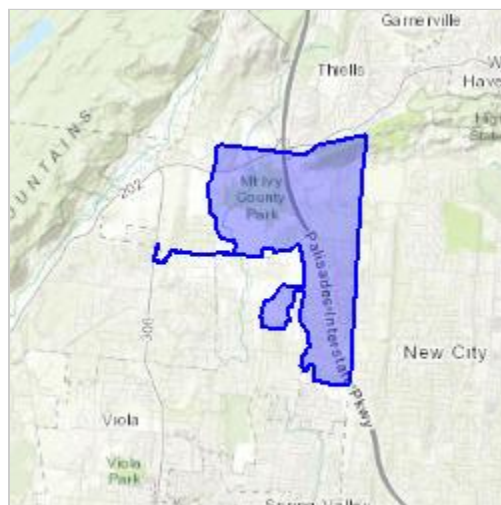
Project Name: Town of Ramapo Future Land Use GEIS - Northeast Ramapo

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Project Location:

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Counties: Rockland, NY

Endangered Species Act Species

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Reptiles

NAME	STATUS
Bog Turtle <i>Clemmys muhlenbergii</i> Population: Wherever found, except GA, NC, SC, TN, VA No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6962 Species survey guidelines: https://ecos.fws.gov/ipac/guideline/survey/population/182/office/52410.pdf Habitat assessment guidelines: https://ecos.fws.gov/ipac/guideline/assessment/population/182/office/52410.pdf	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

Town of Ramapo Future Land Use GEIS - Northeast Ramapo

Species Survey Guidelines (1 Species)

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Species Document Availability

Species with survey guidelines

Bog Turtle *Clemmys muhlenbergii*

Species without survey guidelines available

Northern Long-eared Bat *Myotis septentrionalis*

GUIDELINES FOR BOG TURTLE SURVEYS¹

(revised April 2006)

RATIONALE

A bog turtle survey (when conducted according to these guidelines) is an attempt to determine presence or probable absence of the species; it does not provide sufficient data to determine population size or structure. Following these guidelines will standardize survey procedures. It will help maximize the potential for detection of bog turtles at previously undocumented sites at a minimum acceptable level of effort. Although the detection of bog turtles confirms their presence, failure to detect them does not absolutely confirm their absence (likewise, bog turtles do not occur in all appropriate habitats and many seemingly suitable sites are devoid of the species). Surveys as extensive as outlined below are usually sufficient to detect bog turtles; however, there have been instances in which additional effort was necessary to detect bog turtles, especially when habitat was less than optimum, survey conditions were less than ideal, or turtle densities were low.

PRIOR TO CONDUCTING ANY SURVEYS

If a project is proposed to occur in a county of known bog turtle occurrence (see attachment 1), contact the U.S. Fish and Wildlife Service (Service) and/or the appropriate State wildlife agency (see attachment 2). They will determine whether or not any known bog turtle sites occur in or near the project area, and will determine the need for surveys.

- < If a wetland in or near the project area is *known* to support bog turtles, measures must be taken to avoid impacts to the species. The Service and State wildlife agency will work with federal, state and local regulatory agencies, permit applicants, and project proponents to ensure that adverse effects to bog turtles are avoided or minimized.
- < If wetlands in or adjacent to the project area are *not* known bog turtle habitat, conduct a bog turtle habitat survey (Phase 1 survey) if:
 1. The wetland(s) have an emergent and/or scrub-shrub wetland component, or are forested with suitable soils and hydrology (see below), *and*
 2. Direct and indirect adverse effects to the wetland(s) cannot be avoided.

See *Bog Turtle Conservation Zones*² for guidance regarding activities that may affect bog turtles and their habitat. In addition, consult with the Fish and Wildlife Service and/or appropriate State wildlife agency to definitively determine whether or not a Phase 1 survey will be necessary.

¹ These guidelines are a modification of those found in the final “Bog Turtle (*Clemmys muhlenbergii*), Northern Population, Recovery Plan” (dated May 15, 2001). Several minor revisions were made to facilitate survey efforts and increase searcher effectiveness. As additional information becomes available regarding survey techniques and effectiveness, these survey guidelines may be updated and revised. Contact the Fish and Wildlife Service or one of the state agencies listed in Attachment 1 for the most recent version of these guidelines.

² See Appendix A of the “Bog Turtle (*Clemmys muhlenbergii*), Northern Population, Recovery Plan” (dated May 15, 2001).

BOG TURTLE HABITAT SURVEY (= Phase 1 survey)

The purpose of this survey is to determine whether or not the wetland(s) are *potential* bog turtle habitat. These surveys are performed by a recognized, qualified bog turtle surveyor (contact the Service or the appropriate State wildlife agency to receive a list of recognized, qualified bog turtle surveyors). The following conditions and information apply to habitat surveys.

- < Surveys can be performed any month of the year (except when significant snow and/or ice cover is present). This flexibility in conducting Phase 1 surveys allows efforts during the Phase 2 survey window to be spent on wetlands most likely to support bog turtles (*i.e.*, those that meet the criteria below).
- < Potential bog turtle habitat is recognized by three criteria (*not all of which may occur in the same portion of a particular wetland*):
 1. **Suitable hydrology.** Bog turtle wetlands are typically spring-fed with shallow surface water or saturated soils present year-round, although in summer the wet area(s) may be restricted to near spring head(s). Typically these wetlands are interspersed with dry and wet pockets. There is often subsurface flow. In addition, shallow rivulets (less than 4 inches deep) or pseudo-rivulets are often present.
 2. **Suitable soils.** Usually a bottom substrate of permanently saturated organic or mineral soils. These are often soft, mucky-like soils (this does not refer to a technical soil type); you will usually sink to your ankles (3-5 inches) or deeper in muck, although in degraded wetlands or summers of dry years this may be limited to areas near spring heads or drainage ditches. In some portions of the species' range, the soft substrate consists of scattered pockets of peat instead of muck.
 3. **Suitable vegetation.** Dominant vegetation of low grasses and sedges (in emergent wetlands), often with a scrub-shrub wetland component. Common emergent vegetation includes, but is not limited to: tussock sedge (*Carex stricta*), soft rush (*Juncus effusus*), rice cut grass (*Leersia oryzoides*), sensitive fern (*Onoclea sensibilis*), tearthumbs (*Polygonum* spp.), jewelweeds (*Impatiens* spp.), arrowheads (*Sagittaria* spp.), skunk cabbage (*Symplocarpus foetidus*), panic grasses (*Panicum* spp.), other sedges (*Carex* spp.), spike rushes (*Eleocharis* spp.), grass-of-Parnassus (*Parnassia glauca*), shrubby cinquefoil (*Dasiphora fruticosa*), sweet-flag (*Acorus calamus*), and in disturbed sites, reed canary grass (*Phalaris arundinacea*) or purple loosestrife (*Lythrum salicaria*). Common scrub-shrub species include alder (*Alnus* spp.), red maple (*Acer rubrum*), willow (*Salix* spp.), tamarack (*Larix laricina*), and in disturbed sites, multiflora rose (*Rosa multiflora*). Some forested wetland habitats are suitable given hydrology, soils and/or historic land use. These forested wetlands include red maple, tamarack, and cedar swamps.

Suitable hydrology and soils are the critical criteria (*i.e.*, the primary determinants of potentially suitable habitat).

- < Suitable hydrology, soils and vegetation are necessary to provide the critical wintering sites (soft muck, peat, burrows, root systems of woody vegetation) and nesting habitats (open

- areas with tussocky or hummocky vegetation) for this species. It is very important to note, however, that one or more of these criteria may be absent from portions of a wetland or wetland complex supporting bog turtles. Absence of one or more criteria does not preclude bog turtle use of these areas to meet important life functions, including foraging, shelter and dispersal.
- < If these criteria (suitable soils, vegetation and hydrology) are present in the *wetland*, then the *wetland* is considered to be potential bog turtle habitat, regardless of whether or not that portion of the wetland occurring within the project boundaries contains all three criteria. If the *wetland* is determined to be potential habitat and the project will directly or indirectly impact *any portion* of the wetland (see *Bog Turtle Conservation Zones*), then either:
 - < Completely avoid all direct and indirect effects to the wetland, in consultation with the Service and appropriate State wildlife agency, OR
 - < Conduct a Phase 2 survey to determine the presence of bog turtles.
 - < The Service and appropriate State wildlife agency (see list) should be sent a copy of survey results for review and comment including: a USGS topographic map indicating location of site; project design map, including location of wetlands and stream and delineation of wetland type (PEM, PSS, PFO, POW) and “designated survey areas”³; color photographs of the site; surveyor's name; date of visit; opinion on potential/not potential habitat; a description of the hydrology, soils, and vegetation. A phase 1 report template and field form are available from the States and Service.

BOG TURTLE SURVEY (= Phase 2 survey)

If the wetland(s) are identified as potential bog turtle habitat (see Phase 1 survey), and direct and indirect adverse effects cannot be avoided, conduct a bog turtle survey in accordance with the specifications below. Note that this is *not* a survey to estimate population size or structure; a long-term mark/recapture study would be required for that.

Prior to conducting the survey, contact the appropriate State agency (see attached list) to determine whether or not a scientific collector's permit valid for the location and period of the survey will be required.

The Phase 2 survey will focus on the areas of the wetland that meet the soils, hydrology and vegetation criteria, as defined under the Phase 1 survey guidelines. Those areas that meet the criteria are referred to as “designated survey areas” for Phase 2 and Phase 3 survey purposes.

1. Surveys should only be performed during the period from April 15-June 15. For the Lake Plain Recovery Unit (see Recovery Plan), surveys should only be performed during the period from May 1 to June 30. This coincides with the period of greatest annual turtle activity (spring emergence and breeding) and before vegetation gets too dense to accurately survey. While turtles may be found outside of these dates, a result of no turtles would be

³ “Designated survey areas” are those areas of the wetland that meet the soils, hydrology and vegetation criteria for potential bog turtle habitat. These areas may occur within the emergent, scrub-shrub or forested parts of the wetland.

considered inconclusive. Surveys beyond June also have a higher likelihood of disruption or destruction of nests or newly hatched young.

2. Ambient air temperature at the surface in the shade should be $\geq 55^{\circ}$ F.
3. Surveys should be done during the day, at least one hour after sunrise and no later than one hour before sunset.
4. Surveys may be done when it is sunny or cloudy. In addition, surveys may be conducted during and after light rain, provided air temperatures are $\geq 65^{\circ}$ F.
5. At least one surveyor must be a recognized qualified bog turtle surveyor⁴, and the others should have some previous experience successfully conducting bog turtle surveys or herpetological surveys in wetlands. To maintain survey effort consistency and increase the probability of encountering turtles, the same surveyors should be used for each wetland.
6. A minimum of four (4) surveys per wetland site are needed to adequately assess the site for presence of bog turtles. At least two of these surveys must be performed in May. From April 15 to April 30, surveys should be separated by six or more days. From May 1 to June 15, surveys should be separated by three or more days. The shorter period between surveys during May and June is needed to ensure that surveys are carried out during the optimum window of time (*i.e.*, before wetland vegetation becomes too thick).

Note that bog turtles are more likely to be encountered by spreading the surveys out over a longer period. For example, erroneous survey results could be obtained if surveys were conducted on four successive days in late April due to possible late spring emergence, or during periods of extreme weather because turtles may be buried in mud and difficult to find.

Because this is solely a presence/absence survey, survey efforts at a particular wetland may cease once a bog turtle has been found.

7. Survey time should be at least four (4) to six (6) person-hours per acre of designated survey area per visit. Additional survey time may be warranted in wetlands that are difficult to survey or that have high quality potential habitat. The designated survey area includes all areas of the wetland where soft, mucky-like soils are present, regardless of vegetative cover type. This includes emergent, scrub-shrub, and forested areas of the wetland.

If the cover is too thick to effectively survey using Phase 2 survey techniques alone (*e.g.*, dominated by multiflora rose, reed canary grass, *Phragmites*), contact the Service and State wildlife agency for guidance on Phase 3 survey techniques (trapping) to supplement the Phase 2 effort. In addition, Phase 3 (trapping) surveys may also be warranted if the site is in

⁴ Searching for bog turtles and recognizing their habitat is a skill that can take many months or years of field work to develop. This level of expertise is necessary when conducting searches in order to ensure that surveys are effective and turtles are not harmed during the survey (*e.g.*, by stepping on nests). Many individuals that have been recognized as qualified to conduct bog turtle surveys obtained their experience through graduate degree research or employment by a state wildlife agency. Others have spent many years actively surveying for bog turtles as amateur herpetologists or consultants.

the Lake Plain-Prairie Peninsula Recovery Unit. Check with the Service or State wildlife agency for further guidance.

8. Walk quietly through the wetland. Bog turtles will bask on herbaceous vegetation and bare ground, or be half-buried in shallow water or rivulets. Walking noisily through the wetland will often cause the turtles to submerge before they can be observed. Be sure to search areas where turtles may not be visible, including under mats of dead vegetation, shallow pools, underground springs, open mud areas, vole runways and under tussocks. Do not step on the tops of tussocks or hummocks because turtle nests, eggs and nesting microhabitat may be destroyed. Both random opportunistic searching and transect surveys should be used at each wetland.

The following survey sequence is recommended to optimize detection of bog turtles:

- Semi-rapid walk through the designated survey area using visual encounter techniques.
 - If no bog turtles are found during visual survey, while walking through site identify highest quality habitat patches. Within these highest quality patches, begin looking under live and dead vegetation using muddling and probing techniques.
 - If still no bog turtles are found, the rest of the designated survey area should be surveyed using visual encounter surveys, muddling and probing techniques.
9. Photo-documentation of each bog turtle located will be required; a macro lens is highly recommended. The photos should be in color and of sufficient detail and clarity to identify the bog turtle to species and individual. Therefore, photographs of the carapace, plastron, and face/neck markings should be taken of each individual turtle. Do not harass the turtle in an attempt to get photos of the face/neck markings; if gently placed on the ground, most turtles will slowly extend their necks if not harassed. If shell notching is conducted, do the photo-documentation after the notching is done.
 10. The following information should be collected for each bog turtle: sex, carapace length-straight line and maximum length, carapace width, weight, and details about scars/injuries. Maximum plastron length information should also be collected to differentiate juveniles from adults as well as to obtain additional information on recruitment, growth, and demography.
 11. Each bog turtle should be marked (*e.g.*, notched, PIT tagged) in a manner consistent with the requirements of the appropriate State agency and/or Service. Contact the appropriate State wildlife agency prior to conducting the survey to determine what type of marking system, if any, should be used.
 12. All bog turtles must be returned to the point of capture as soon as possible on the same day as capture. They should only be held long enough to identify, measure, weigh, and photograph them, during which time their exposure to high temperatures must be avoided. No bog turtles may be removed from the wetland without permission from the Service and appropriate State agency.

13. The Fish and Wildlife Service and appropriate State agency should be sent a copy of survey results for review and concurrence, including the following: dates of site visits; time spent per designated survey area per wetland per visit; names of surveyors; a site map including wetlands and delineations of designated survey areas; a table indicating the size of each wetland, the designated survey area within each wetland, and the survey effort per visit; a description of the wetlands within the project area (*e.g.*, acreage, vegetation, soils, hydrology); an explanation of which wetlands or portions of wetlands were or were not surveyed, and why; survey methodology; weather per visit at beginning and end of survey (air temperature, wind, and precipitation); presence or absence of bog turtles, including number of turtles found and date, and information and measurements specified in item 10 above; and other reptile and amphibian species found and date.

ADDITIONAL SURVEYS / STUDIES

Proper implementation of the Phase 2 survey protocol is usually adequate to determine species presence or probable absence, especially in small wetlands lacking invasive plant species.

Additional surveys, however, may be necessary to determine whether or not bog turtles are using a particular wetland, especially if the Phase 2 survey results are negative but the quality and quantity of habitat are good and in a watershed of known occurrence. In this case, additional surveys (Phase 2 and/or Phase 3 (trapping) surveys), possibly extending into the following field season, may be recommended by the Service or appropriate State agency.

If bog turtles are documented to occur at a site, additional surveys/studies may be necessary to characterize the population (*e.g.*, number, density, population structure, recruitment), identify nesting and hibernating areas, and/or identify and assess adverse impacts to the species and its habitat, particularly if project activities are proposed to occur in, or within 300 feet of, wetlands occupied by the species.

CONTACT AGENCIES - BY STATE

(April 2006)

STATE	FISH AND WILDLIFE SERVICE	STATE AGENCY
Connecticut	U.S. Fish and Wildlife Service New England Field Office 22 Bridge Street, Unit #1 Concord, NH 03301	Department of Environmental Protection Env. & Geographic Information Center 79 Elm Street, Store Floor, Hartford, CT 06106 <i>(info about presence of bog turtles in or near a project area)</i> Department of Environmental Protection Wildlife Division, Sixth Floor 79 Elm Street, Store Floor, Hartford, CT 06106 <i>(to get a Scientific Collectors Permit or determine what type of marking system to use)</i>
Delaware	U.S. Fish and Wildlife Service Chesapeake Bay Field Office 177 Admiral Cochrane Drive Annapolis, MD 21401	Nongame & Endangered Species Program Delaware Division of Fish and Wildlife 4876 Hay Point Landing Road Smyrna, DE 19977
Maryland	U.S. Fish and Wildlife Service Chesapeake Bay Field Office 177 Admiral Cochrane Drive Annapolis, MD 21401	Maryland Department of Natural Resources Wildlife & Heritage Division PO Box 68, Main Street Wye Mills, MD 21679
Massachusetts	U.S. Fish and Wildlife Service New England Field Office 22 Bridge Street, Unit #1 Concord, NH 03301	Division of Fisheries and Wildlife Dept. Fisheries, Wildlife and Env Law Enforcement Rt. 135 Westboro, MA 01581
New Jersey	U.S. Fish and Wildlife Service New Jersey Field Office 927 North Main Street, Bldg. D-1 Pleasantville, NJ 08232	New Jersey Division of Fish and Wildlife Endangered and Nongame Species Program 143 Van Syckels Road Hampton, NJ 08827
New York	U.S. Fish and Wildlife Service 3817 Luker Road Cortland, NY 13045	New York Natural Heritage Program 625 Broadway, 5th Floor Albany, NY 12233-4757 Phone: (518) 402-8935 <i>(info about presence of bog turtles in or near a project area)</i> NYS Department of Environmental Conservation Division of Fish, Wildlife, and Marine Resources Special Licenses Unit 600 Broadway, 5th Floor Albany, NY 12233-4752 <i>(for endangered species permit applications)</i>
Pennsylvania	U.S. Fish and Wildlife Service Pennsylvania Field Office 315 South Allen Street, Suite 322 State College, PA 16801	Natural Diversity Section Pennsylvania Fish and Boat Commission 450 Robinson Lane Bellefonte, PA 16823

BOG TURTLE COUNTIES OF OCCURRENCE OR LIKELY OCCURRENCE¹
(April 2006)

STATE	COUNTY	
Connecticut	Fairfield	Litchfield
Delaware	New Castle	
Maryland	Baltimore Carroll	Cecil Harford
Massachusetts	Berkshire	
New Jersey	Burlington Gloucester Hunterdon Middlesex Monmouth Morris	Ocean Salem Somerset Sussex Union Warren
New York	Albany Columbia Dutchess Genesee Orange Oswego Putnam	Seneca Sullivan Ulster Wayne Westchester
Pennsylvania	Adams Berks Bucks Chester Cumberland Delaware Franklin	Lancaster Lebanon Lehigh Monroe Montgomery Northampton Schuylkill York

¹ This list is valid for one year from the date indicated. It may, however, be revised more frequently if new counties of occurrence are documented. Updates to this list are available from the Service upon request.

Town of Ramapo Future Land Use GEIS - Northeast Ramapo

Habitat Assessment Guidelines (1 Species)

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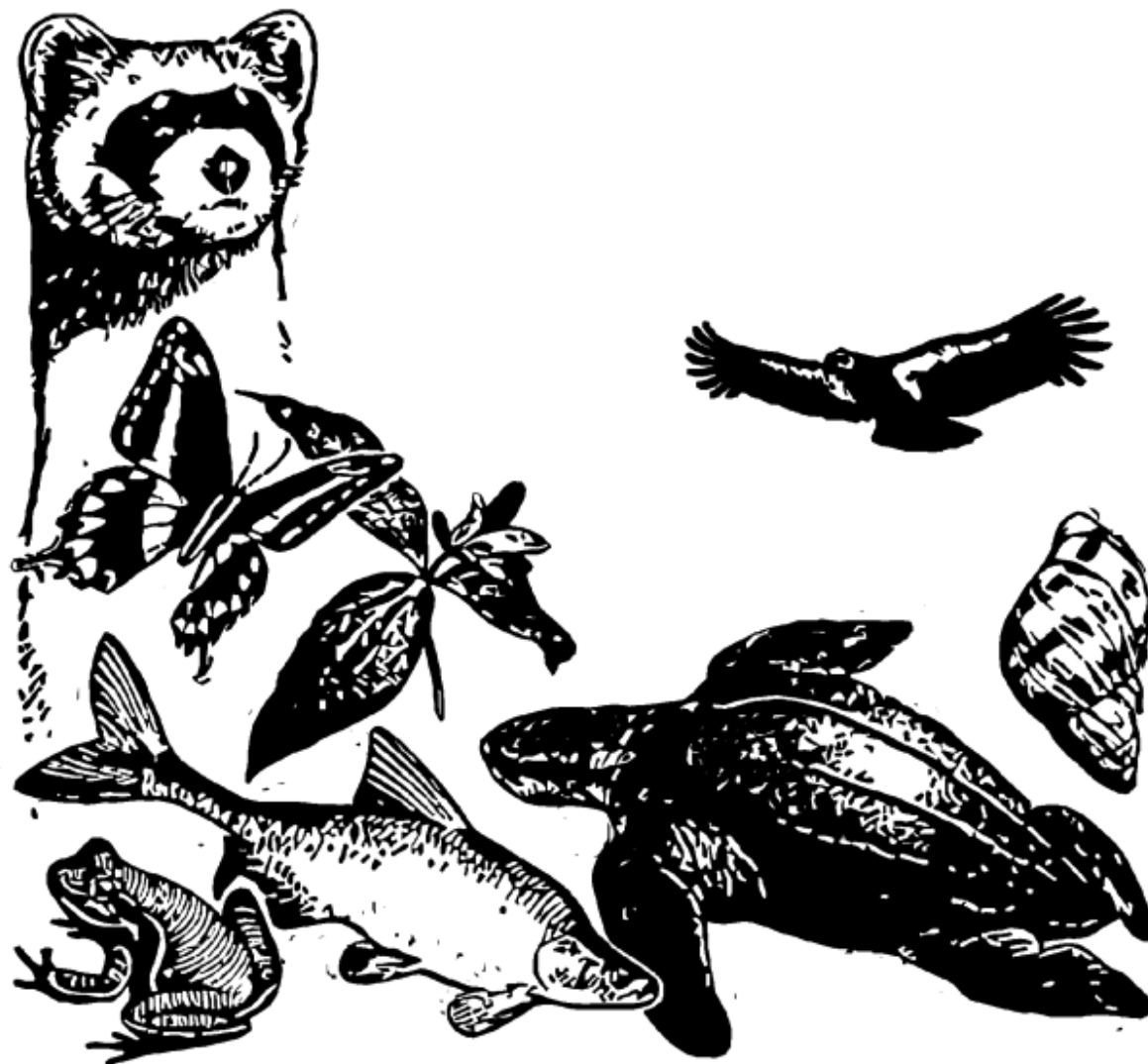


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Species Document Availability

Species with habitat assessment guidelines

Bog Turtle *Clemmys muhlenbergii*

Species without habitat assessment guidelines available

Northern Long-eared Bat *Myotis septentrionalis*

BOG TURTLE HABITAT (PHASE 1) SURVEY REPORT

(template revised by USFWS on 4/13/2006)

The U.S. Fish and Wildlife Service (Pennsylvania Field Office) developed the following report template to ensure that a sufficient amount of detailed information is consistently submitted for agency review. Phase 1 surveyors are encouraged to use this template to format their reports, to ensure that all necessary information is provided. Revisions to this template are likely, as we continue to receive feedback on its content, structure, and ease of use. Example and explanatory language within this template is italicized. Use the current Bog Turtle Survey Guidelines (revised April 2006) in conjunction with this template.

PROJECT and SITE INFORMATION

This Phase 1 survey was conducted on behalf of:

Name: _____

landowner developer state agency local government

other (_____)

Address: _____

City/State/Zip: _____

Telephone: _____

Project / Property Name: _____

Project / Property Location:

Address: _____

City/State/Zip: _____

Township/Municipality: _____

County: _____

Watershed (minor): _____

Watershed (major): _____

The project location is shown on Figure 1 (_____ USGS 7.5-minute topographic map).

[Include USGS topographic map showing project area location. Identify county, township, and quadrangle name on map, as well as project name.]

Project Area / Property – Size and Extent

[Identify the size/extent of the project area. For example, the project area for a proposed residential development would include all areas that would be affected (directly or indirectly) by all parts of the development, including buildings, roads, driveways, lots in their entirety, utility lines, water and sewer lines, stormwater detention/retention basins, staging and access areas, recreational fields or trails, etc. Often, this includes the entire land parcel, all of which will be either directly or indirectly affected by the project. In some cases, a land parcel is being surveyed, prior to developing project plans. In that case, identify the land parcel (e.g., “the 20-acre David Jones property”) as the project area, and explain that project plans have not yet been developed.]

Current Land Use and Setting

[Describe current land use and the overall setting. Also, describe what habitat type(s) are currently in the project area (e.g., “Eighty acres of the 100-acre parcel is in row crops, while the remainder is a woodlot dominated by red maple and green ash that are approximately 40 years old. A stream, approximately 6 inches deep and 2 feet wide crosses through the woodlot. A farmhouse and barn also occur on the property.”)]

Figure 2 represents a detailed map of the project area or property, showing existing features (including property boundaries, structures, power lines, roads, wetlands, ponds, streams, and major cover types).

[Include a project area map, showing 1) property/parcel boundaries; 2) existing features and general cover types (e.g., roads, power lines, agricultural fields, forest, streams, ponds, houses, spring houses); and 3) all wetlands (numbered consistent with this report). Include photo point references for each wetland.]

Project Description

[Describe the project. Include the project description, including the project purpose, timing, size, duration, etc. If the project is part of a larger undertaking, describe the relationship between the parts. For example, “This project involves the construction of sewer and water lines to connect a proposed 250-unit residential development (located on a 100-acre parcel of land) to the City of Mudville’s existing wastewater treatment plant.” If the project is more vague, at least describe what is proposed for the property, e.g., “The landowner intends to develop a residential subdivision on the property, but plans have not yet been drawn up.”]

Permit Area (for wetland/stream encroachments):

[If it is known at the time of the phase 1 survey that one or more permits will be necessary for wetland and/or stream encroachments, disclose this information. For example, “Although plans have not been finalized, it appears that at least three wetland and two stream crossings will be necessary for road and utility crossings.” If no wetland or stream encroachments will be necessary, indicate that as well – if you are sure none will be needed.]

WETLAND INFORMATION

[Include information about all wetlands on the property or in the project area, regardless of whether or not they are “jurisdictional” wetlands, pursuant to Section 404 of the Clean Water Act.]

A wetland investigation was conducted _____ *[identify the extent of the wetland investigation, e.g., “on the entire 220-acre parcel” or “in the 50-foot right-of-way on either side of S.R. 123]. [If some areas were not investigated, explain why. If these areas occur in a location that will be subject to future phases of development, they should be surveyed now. If the entire property/parcel was not investigated, describe exactly what area(s) were investigated, and why.]*

Wetlands were identified delineated on _____ [date(s)] by:

Name: _____

Affiliation: _____

Address: _____

City/State/Zip: _____

Telephone: _____

Email: _____

Wetlands were delineated in accordance with _____ *[describe delineation method.] [If a wetland delineation has not been conducted, explain why.]*

All wetlands _____ *[e.g., “in the project area” or “on the 220-acre property” or “in the 50 foot right-of-way”]* were identified and delineated. *[If this is not the case, explain why.]* Wetland information is summarized in Table 1.

Table 1. Wetland Size and Location

Wetland ID	Wetland Size (acres)	Designated Survey Area (acres) ¹	Lat/Long ²	Is the entire wetland on site? ³

- 1 “Designated survey areas” are those areas of the wetland that meet the soils, hydrology and vegetation criteria for potential bog turtle habitat. These areas may occur within the emergent, scrub-shrub or forested parts of the wetland.
- 2 For smaller wetlands (e.g., up to 3 acres) lat/long should be approximate center of wetland); for larger wetlands, either indicate approximate center or GPS the outer ends of the wetland. Lat/long should be submitted in degrees-minutes-seconds or degree-decimal format. Be sure to indicate the GPS datum (i.e., NAD 27, NAD 83, or WGS 84).
- 3 Answer “yes” if the entire wetland is located within the property/parcel boundaries or right-of-way. If any part of the wetland extends off-site, or if the entire wetland is off-site (e.g., but close to the parcel boundaries) answer “no” and provide a further explanation in the wetland narrative section.

PHASE 1 SURVEY

[During the Phase 1 Survey, examine all wetlands on the land parcel, or all wetlands that may be directly or indirectly affected by any aspect of the project. Generally, indirect effects should be assumed to extend about 300 feet beyond the project footprint (e.g., sedimentation from earth disturbance, fertilizer and pesticide transport beyond lot boundaries or agricultural fields). However, the hydrological effects of development or construction (e.g., due to roads, wells, stormwater management) may extend well beyond 300 feet from the area of direct impact. See “Bog Turtle Conservation Zones” for further guidance.]

The Phase 1 survey was conducted on _____ [date(s)] by:

Name(s): _____

Affiliation: _____

Address: _____

City/State/Zip: _____

Telephone: _____

Email: _____

A Phase 1 survey of all wetlands located _____ [identify the extent of the Phase 1 investigation, e.g., “on the entire 220-acre parcel” or “in the 50-foot right-of-way on either side of S.R. 123] was conducted. [If some wetlands were not surveyed, explain why. If these wetlands occur in an area(s) that will be subject to future phases of development, they should be surveyed now.]

A summary of the Phase 1 survey results is included in Table 2. Detailed information about each wetland follows the table. Completed field forms for each wetland are included in Appendix A.

Table 2. Summary of Phase 1 Survey Results

Wetland ID	Wetland Size	Wetland Type & Amount (% or acres)	Extent of “Mucky” Soils ¹ (by wetland type)	Survey Effort (in person-hrs)	Bog Turtle Habitat?
1	1.5	PEM – 50% PSS -- 50%	PEM – 80% PSS – 50%	2	YES

- 1 “Mucky” is used to describe soils that can be easily penetrated with a probe. For Phase 1 surveys, a 1-inch diameter blunt-ended wooden pole (e.g., broom or tool handle) is used. “Mucky” is NOT used to refer to a specific soil type or soil classification.

Wetland 1

[Include narrative description of wetland. Describe dominant vegetation, degree and distribution of “muckiness”, and hydrology. Also describe any disturbance noted (e.g., ditches, fill, grazing).

[Include a map of the wetland, showing the extent of the “designated survey area(s)”. Also, a sketch of the distribution of wetland types (e.g., PEM, PSS, PFO, etc.) within the wetland is helpful.]

[List any herps found (or previously found by others).]

[Include photo(s) of wetland. Be sure photos are representative of the wetland type(s) found.]

[If the wetland continues off-site, disclose this information, describe the off-site portion, and indicate the degree to which the off-site portion was inspected.]

Wetland 2

See above for information to include.

Off-site Adjacent Wetlands

[If any wetlands occur off-site (e.g., adjacent to the subject property), and they might be directly or indirectly affected by the proposed project (or any aspects thereof) they should be included in this Phase 1 report. If these wetlands were not surveyed, visual observations from the subject property or from a public road should be reported.]

NOTE: If potential habitat is found and the project proponent chooses to assume bog turtles are present and avoid potential adverse effects to the species (rather than conduct a Phase 2 survey), a detailed project narrative and detailed project plans should be submitted to the Fish and Wildlife Service and Pennsylvania Fish and Boat Commission (along with this Phase 1 Report). The narrative and plans should demonstrate that the project will have no direct or indirect adverse effects to bog turtles or their habitat. See “Bog Turtle Conservation Zones” for further guidance.

Appendix A

[Include a completed “USFWS / PFBC Bog Turtle Habitat Evaluation – Field Form” for each wetland. Also -- make sure the forms are legible.]

Appendix B

[Include information about the person who conducted the Phase 1 survey, including the name, address, telephone number, email address, and qualifications (e.g., “recognized, qualified Phase 2 bog turtle surveyor”).]



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Long Island Ecological Services Field Office
340 Smith Road
Shirley, NY 11967-2258
Phone: (631) 286-0485 Fax: (631) 286-4003



In Reply Refer To:

December 18, 2018

Consultation Code: 05E1LI00-2019-SLI-0186

Event Code: 05E1LI00-2019-E-00399

Project Name: Town of Ramapo Future Land Use GEIS - Monsey Hillcrest_Revised

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
-

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Long Island Ecological Services Field Office

340 Smith Road

Shirley, NY 11967-2258

(631) 286-0485

This project's location is within the jurisdiction of multiple offices. Expect additional species list documents from the following office, and expect that the species and critical habitats in each document reflect only those that fall in the office's jurisdiction:

New York Ecological Services Field Office

3817 Luker Road

Cortland, NY 13045-9385

(607) 753-9334

Project Summary

Consultation Code: 05E1LI00-2019-SLI-0186

Event Code: 05E1LI00-2019-E-00399

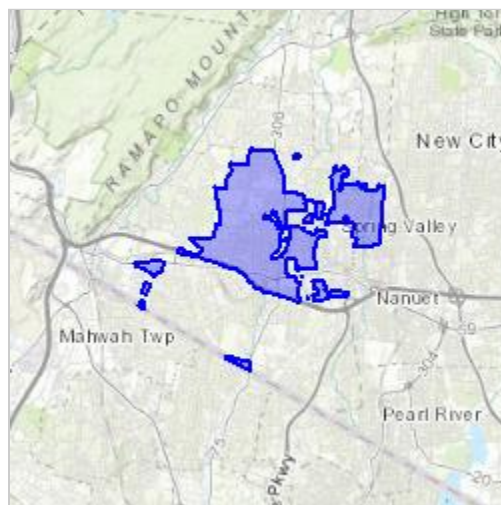
Project Name: Town of Ramapo Future Land Use GEIS - Monsey Hillcrest_Revised

Project Type: Guidance

Project Description: The Town of Ramapo is conducting the "Town of Ramapo Future Land Use Generic Environmental Impact Statement" (GEIS) and Northeast Strategic Land Use Plan. The GEIS will assess possible impacts from future potential development within the unincorporated areas of the Town of Ramapo (outside the Town's 12 incorporated villages). This request is not part of a proposed development project, but rather part of the Town's comprehensive planning process. As part of the GEIS, it is anticipated that there will be a minimum of three strategic plans prepared for different areas of the unincorporated parts of the Town. The GEIS will address the potential impacts to natural resources, open space, land use, energy, community character, historic and cultural resources, transportation, and aspects of infrastructure and municipal and regional services. The purpose of this request is to obtain current data on protected species and habitats within the unincorporated areas of the Town of Ramapo to assist in the GEIS evaluation of potential future impacts and guide land use and policy decisions. This particular request is specific to the Monsey and Hillcrest areas of the Town.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/41.1244792734668N74.08309814400815W>



Counties: Rockland, NY

Endangered Species Act Species

There is a total of 0 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.



United States Department of the Interior

FISH AND WILDLIFE SERVICE
New York Ecological Services Field Office

3817 Luker Road
Cortland, NY 13045-9385

Phone: (607) 753-9334 Fax: (607) 753-9699

<http://www.fws.gov/northeast/nyfo/es/section7.htm>



In Reply Refer To:

December 18, 2018

Consultation Code: 05E1NY00-2019-SLI-0651

Event Code: 05E1NY00-2019-E-01963

Project Name: Town of Ramapo Future Land Use GEIS - Monsey Hillcrest_Revised

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (ESA) of 1973, as amended (16 U.S.C. 1531 *et seq.*). This list can also be used to determine whether listed species may be present for projects without federal agency involvement. New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list.

Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the ESA, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC site at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list. If listed, proposed, or candidate species were identified as potentially occurring in the project area, coordination with our office is encouraged. Information on the steps involved with assessing potential impacts from projects can be found at: <http://www.fws.gov/northeast/nyfo/es/section7.htm>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (<http://www.fws.gov/windenergy/>

[eagle_guidance.html](#)). Additionally, wind energy projects should follow the Services wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the ESA. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New York Ecological Services Field Office

3817 Luker Road

Cortland, NY 13045-9385

(607) 753-9334

This project's location is within the jurisdiction of multiple offices. Expect additional species list documents from the following office, and expect that the species and critical habitats in each document reflect only those that fall in the office's jurisdiction:

Long Island Ecological Services Field Office

340 Smith Road

Shirley, NY 11967-2258

(631) 286-0485

Project Summary

Consultation Code: 05E1NY00-2019-SLI-0651

Event Code: 05E1NY00-2019-E-01963

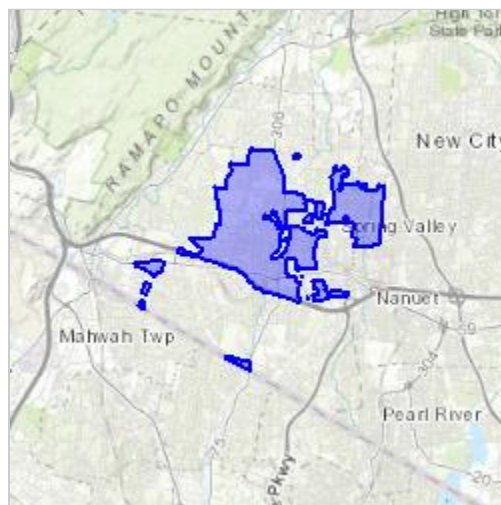
Project Name: Town of Ramapo Future Land Use GEIS - Monsey Hillcrest_Revised

Project Type: Guidance

Project Description: The Town of Ramapo is conducting the "Town of Ramapo Future Land Use Generic Environmental Impact Statement" (GEIS) and Northeast Strategic Land Use Plan. The GEIS will assess possible impacts from future potential development within the unincorporated areas of the Town of Ramapo (outside the Town's 12 incorporated villages). This request is not part of a proposed development project, but rather part of the Town's comprehensive planning process. As part of the GEIS, it is anticipated that there will be a minimum of three strategic plans prepared for different areas of the unincorporated parts of the Town. The GEIS will address the potential impacts to natural resources, open space, land use, energy, community character, historic and cultural resources, transportation, and aspects of infrastructure and municipal and regional services. The purpose of this request is to obtain current data on protected species and habitats within the unincorporated areas of the Town of Ramapo to assist in the GEIS evaluation of potential future impacts and guide land use and policy decisions. This particular request is specific to the Monsey and Hillcrest areas of the Town.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/41.1244792734668N74.08309814400815W>



Counties: Rockland, NY

Endangered Species Act Species

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Reptiles

NAME	STATUS
Bog Turtle <i>Clemmys muhlenbergii</i> Population: Wherever found, except GA, NC, SC, TN, VA No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6962 Species survey guidelines: https://ecos.fws.gov/ipac/guideline/survey/population/182/office/52410.pdf Habitat assessment guidelines: https://ecos.fws.gov/ipac/guideline/assessment/population/182/office/52410.pdf	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.



United States Department of the Interior

FISH AND WILDLIFE SERVICE

New York Ecological Services Field Office

3817 Luker Road

Cortland, NY 13045-9385

Phone: (607) 753-9334 Fax: (607) 753-9699

<http://www.fws.gov/northeast/nyfo/es/section7.htm>



In Reply Refer To:

December 18, 2018

Consultation Code: 05E1NY00-2019-SLI-0649

Event Code: 05E1NY00-2019-E-01959

Project Name: Town of Ramapo Future Land Use GEIS - Western Ramapo

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (ESA) of 1973, as amended (16 U.S.C. 1531 *et seq.*). This list can also be used to determine whether listed species may be present for projects without federal agency involvement. New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list.

Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the ESA, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC site at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list. If listed, proposed, or candidate species were identified as potentially occurring in the project area, coordination with our office is encouraged. Information on the steps involved with assessing potential impacts from projects can be found at: <http://www.fws.gov/northeast/nyfo/es/section7.htm>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (<http://www.fws.gov/windenergy/>

[eagle_guidance.html](#)). Additionally, wind energy projects should follow the Services wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the ESA. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New York Ecological Services Field Office

3817 Luker Road

Cortland, NY 13045-9385

(607) 753-9334

This project's location is within the jurisdiction of multiple offices. Expect additional species list documents from the following office, and expect that the species and critical habitats in each document reflect only those that fall in the office's jurisdiction:

Long Island Ecological Services Field Office

340 Smith Road

Shirley, NY 11967-2258

(631) 286-0485

Project Summary

Consultation Code: 05E1NY00-2019-SLI-0649

Event Code: 05E1NY00-2019-E-01959

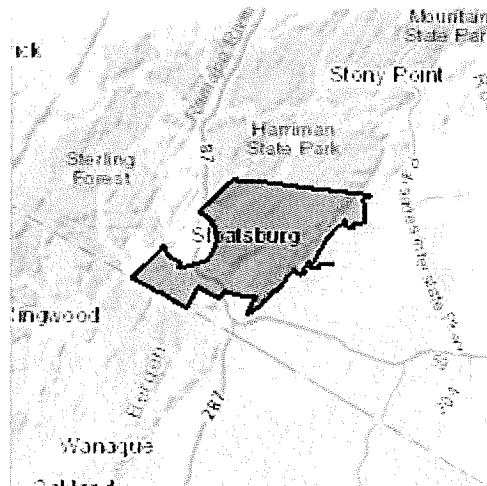
Project Name: Town of Ramapo Future Land Use GEIS - Western Ramapo

Project Type: Guidance

Project Description: The Town of Ramapo is conducting the "Town of Ramapo Future Land Use Generic Environmental Impact Statement" (GEIS) and Northeast Strategic Land Use Plan. The GEIS will assess possible impacts from future potential development within the unincorporated areas of the Town of Ramapo (outside the Town's 12 incorporated villages). This request is not part of a proposed development project, but rather part of the Town's comprehensive planning process. As part of the GEIS, it is anticipated that there will be a minimum of three strategic plans prepared for different areas of the unincorporated parts of the Town. The GEIS will address the potential impacts to natural resources, open space, land use, energy, community character, historic and cultural resources, transportation, and aspects of infrastructure and municipal and regional services. The purpose of this request is to obtain current data on protected species and habitats within the unincorporated areas of the Town of Ramapo to assist in the GEIS evaluation of potential future impacts and guide land use and policy decisions. This particular request is specific to the western portions of the Town.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/41.15974571954479N74.13595872765333W>



12/18/2018

Event Code: 05E1NY00-2019-E-01959

3

Counties: Orange, NY | Rockland, NY

Endangered Species Act Species

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

W/S
FROM
L.T. OFFICE

Reptiles

NAME	STATUS
Bog Turtle <i>Clemmys muhlenbergii</i> Population: Wherever found, except GA, NC, SC, TN, VA No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6962 Species survey guidelines: https://ecos.fws.gov/ipac/guideline/survey/population/182/office/52410.pdf Habitat assessment guidelines: https://ecos.fws.gov/ipac/guideline/assessment/population/182/office/52410.pdf	Threatened

Clams

NAME

STATUS

Dwarf Wedgemussel *Alasmidonta heterodon*

Endangered

No critical habitat has been designated for this species.

Species profile: <https://ecos.fws.gov/ecp/species/784>

Species survey guidelines:

<https://ecos.fws.gov/ipac/guideline/survey/population/363/office/52410.pdf>

Flowering Plants

NAME

STATUS

Small Whorled Pogonia *Isotria medeoloides*

Threatened

No critical habitat has been designated for this species.

Species profile: <https://ecos.fws.gov/ecp/species/1890>

Species survey guidelines:

<https://ecos.fws.gov/ipac/guideline/survey/population/742/office/52410.pdf>

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

December 7, 2018

VIA EMAIL AND MAIL

NYS Natural Heritage Program
Information Services
New York State Department of Environmental Conservation
625 Broadway
5th Floor
Albany, NY 12233-4757

RE: Request Information / Screening
Town of Ramapo, Rockland County NY

To Whom It May Concern:

The Town of Ramapo (Town) is conducting the “*Town of Ramapo Future Land Use Generic Environmental Impact Statement*” and Northeast Ramapo Strategic Land Use Plan. A Generic Environmental Impact Statement (GEIS) will assess possible impacts from future development within the unincorporated Town of Ramapo. In conjunction with this town-wide analysis, there will also be Supplemental Generic Environmental Impact Statement formulated that analyzes the program of actions, including possible adoption of Form-Based Zoning and implementation of various and as of yet undefined potential capital improvements specific to Northeast Ramapo. This letter requests a screening for the potential presence of sensitive ecological/ natural resources that may potentially be impacted by a future buildout **within all unincorporated portions of the Town.**

As identified above, the GEIS will address future land use in unincorporated parts of the Town (see the attached Map). It is anticipated that there will be a total of three, possibly more, strategic plans developed in-sequence for distinct parts of the unincorporated area within the Town. The overall GEIS analysis is expected to address the potential impacts to factors like natural resources, open space, land use, energy, community character, historic and cultural resources, transportation, and aspects of infrastructure and municipal and regional services. It will present and analyze hypothetical proposed development likely to occur per existing zoning and discuss, in general terms, constraints and consequences of future land uses per zoning.

The GEIS will encompass the entire unincorporated portions of the Town of Ramapo. The focus of study excludes 12 incorporated villages situated within the Town: Airmont, Chestnut Ridge, Hillburn, Kaser, Montebello, New Hempstead, New Square, Pomona, Sloatsburg, Spring Valley, Suffern, and Wesley Hill.

Generally, land uses in the unincorporated parts of Town range from open space to higher-density residential, plus more limited nonresidential land uses. The average population density within the unincorporated area is estimated at about 1,411 persons /sq. mile. The northeastern portion, comprising the first study area, is primarily single-family residential, followed by institutional development, such as schools and other public land uses. There are mainly two- and multi-family residential uses, as well as institutional and other nonresidential land uses in Monsey/ Hillcrest, while western Ramapo has open space character centered-on Harriman State Park, with predominantly one- and two-family residential land uses typically located around Interstates 87 and 287, and State and County Roads ways, as well as fewer nonresidential uses that mesh with this general pattern, including some offices, general business, and heavy and light industrial uses, the latter centered on active rail rights of ways.

This request will be used to identify sensitive resources and inform the GEIS- and SGEIS-analysis of possible future development impacts. As noted, the first Strategic Plan and SGEIS will focus on Northeast Ramapo.

Very truly yours,
LABERGE GROUP



By: _____

David Gilmour, AICP
Senior Planner

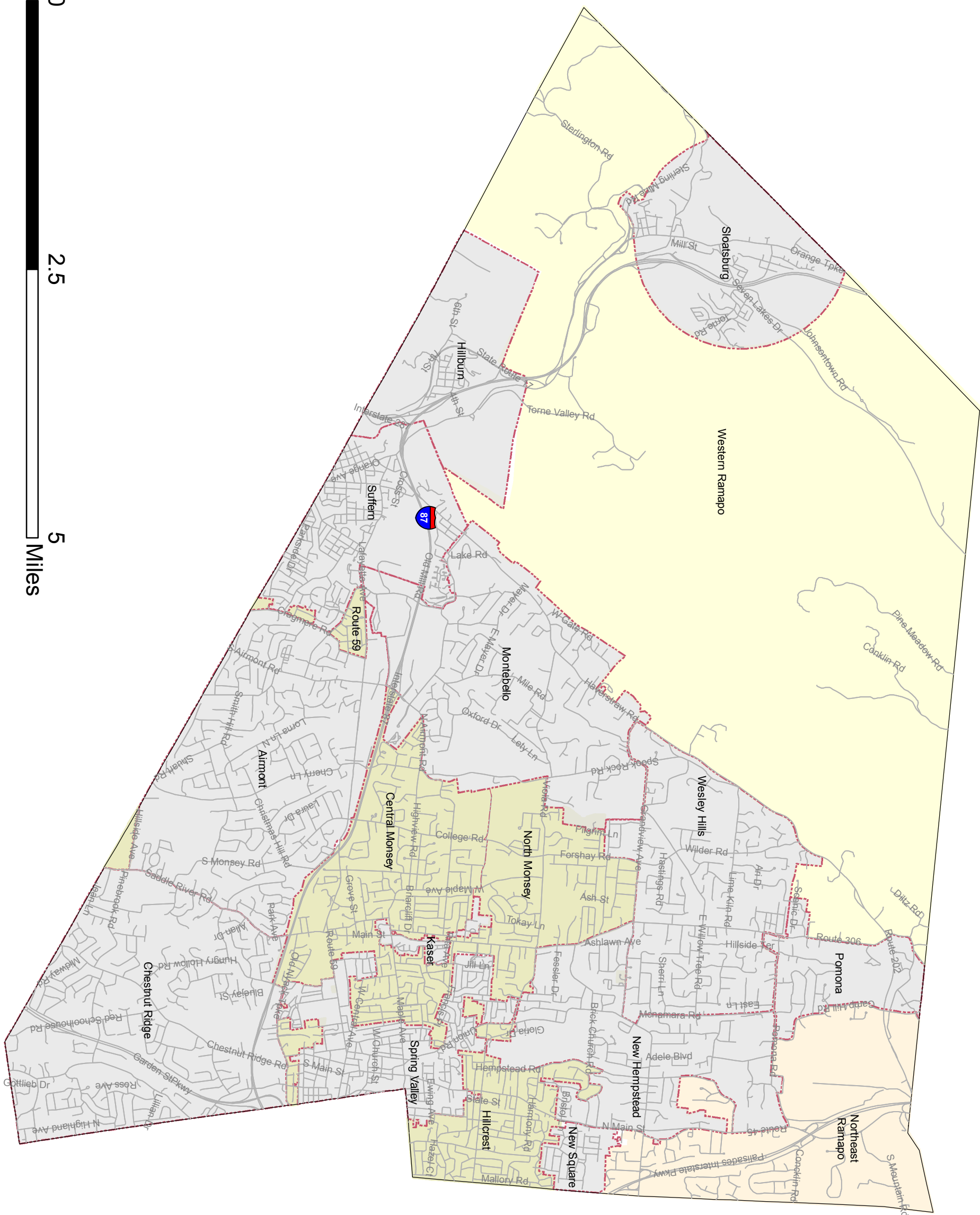
C: Nicole T. Allen, AICP, Planning Services Manager; Project File.

Enc: Strategic Areas Map highlighting the study area – comprised of all unincorporated sections of Town, broken-out within three sub-areas.

Town of Ramapo

Rockland County, NY

General Overview Map



Northeast Ramapo

Western Ramapo

Monsey/ Hillcrest

Villages

Town Boundary



4 Computer Drive West • Albany, New York 12205
(518) 458-7112 • www.labergegroup.com

Data provided by NYS GIS Clearinghouse
and the Town of Ramapo.
September 2018. Map for illustrative purposes.
Accuracy not guaranteed.

Project # 2018095



Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ERIK KULLESEID
Commissioner

March 1, 2019

Ms. Nicole Allen
Planning Manager
Laberge Group
4 Computer Drive West
Albany, NY 12205

Re: SEQRA
Town of Ramapo Future Land Use Generic Environmental Impact Statement & Northeast
Ramapo Strategic Plan
19PR00997 / 2018095

Dear Ms. Allen:

Thank you for requesting the comments of the Division for Historic Preservation of the Office of Parks, Recreation and Historic Preservation (OPRHP) as part of your SEQRA process. These comments are those of OPRHP and relate only to Historic/Cultural resources. If this project will involve state or federal permitting, funding or licensing, it may require additional review for potential impacts to architectural and archaeological resources, in accordance with Section 106 of the National Historic Preservation Act or Section 14.09 of NYS Parks Recreation and Historic Preservation Law.

In response to the request for information on historic built resources, please see the attached list of National Register listed and National Register eligible built resources within the Town of Ramapo. Please be advised that the state inventory of historic resources is continually being updated and added to and that this list may not include all historic built resources that are potentially eligible for listing to the National Register of Historic Places. Additionally, we cannot comment at this time on potential impacts to these resources based on the current planning documents. Once specific projects are under development and submitted to our office for review we can provide comment on potential impacts.

In order to collect the information needed to continue our review regarding archaeological resources, we recommend that a Phase IA archaeological background and sensitivity assessment report be prepared and submitted to our office for review and comment.

If you have any questions, please don't hesitate to contact me.

Sincerely,

Philip A. Perazio, Historic Preservation Program Analyst - Archaeology Unit
Phone: 518-268-2175
e-mail: philip.perazio@parks.ny.gov

via email only

Attachment

Division for Historic Preservation

P.O. Box 189, Waterford, New York 12188-0189 • (518) 237-8643 • www.nysparks.com

USN	Type	Name	Status
8704.000342	Building District	Table Rock Estate	Eligible
7109.001181	Building District	Harriman State Park	Eligible
7116.00003	Building	HARRIMAN STATE PARK - TUXEDO NY	Eligible
8704.000031	Building	STONE & SLAB GARAGE & SEBAGO FOREMAN GARAGE - SEVEN LAKES DR; W. SIDE, RAMAPO NY	Eligible
8704.000032	Building	STONE MEMORIAL SHELTER - PINE MEADOW RD; S. SIDE, RAMAPO NY	Eligible
8704.000033	Building	FIRE TOWER - DIAMOND MOUNTAIN - SEVEN LAKES DR; S. SIDE, RAMAPO NY	Eligible
8704.000037	Building	SMITH TAVERN - NY 17, RAMAPO NY	Eligible
8704.000054	Building	METHODIST EPISCOPAL CHURCH, c. 1835 (BUILDING A2) - 161 VIOLA RD, RAMAPO NY	Eligible
8704.000057	Building	ORCHARDS OF CONCKLIN (land only) - SOUTH MOUNTAIN RD, RAMAPO NY	Eligible
8704.000065	Building	METAL WARREN THROUGH TRUSS BRIDGE / BIN 1-02759-0 - NY 59, RAMAPO NY	Eligible
8704.000085	Building	POMONA VILLAGE HALL AND COMMUNITY CENTER - RAMAPO NY	Eligible
8704.000199	Building	RAMAPO PRESBY CHURCH/GATES OF PRAISE CHURCH - JCT NY 17 & NY 59, RAMAPO NY	Eligible
8704.0002	Building	- 11 BOULDER ST, RAMAPO NY	Eligible
8704.000201	Building	- 13 BOULDER ST, RAMAPO NY	Eligible
8704.000202	Building	- 15 BOULDER ST, RAMAPO NY	Eligible
8704.000203	Building	- 17 BOULDER ST, RAMAPO NY	Eligible
8704.000204	Building	- 21 BOULDER ST, RAMAPO NY	Eligible
8704.000205	Building	- 27 BOULDER ST, RAMAPO NY	Eligible
8704.000213	Building	926 SPOOK ROCK RD, RAMAPO NY	Eligible
8704.000214	Building	928 SPOOK ROCK RD, RAMAPO NY	Eligible
8704.000215	Building	932 SPOOK ROCK RD, RAMAPO NY	Eligible
8704.000216	Building	984 SPOOK ROCK RD, RAMAPO NY	Eligible
8704.000217	Building	29 SPOOK ROCK RD, RAMAPO NY	Eligible
8704.000218	Building	46 SPOOK ROCK RD, RAMAPO NY	Eligible
8704.000219	Building	57 SPOOK ROCK RD, RAMAPO NY	Eligible
8704.00022	Building	126 VIOLA RD, RAMAPO NY	Eligible
8704.000221	Building	128 VIOLA RD, RAMAPO NY	Eligible
8704.000222	Building	Viola Methodist Church - 161 VIOLA RD, RAMAPO NY	Eligible
8704.000224	Building	172 VIOLA RD, RAMAPO NY	Eligible
8704.000225	Building	221 VIOLA RD, RAMAPO NY	Eligible
8704.000226	Building	96 CAMP HILL RD, RAMAPO NY	Eligible
8704.000231	Building	Sandstone Dutch house - 174 East Saddle River Rd, RAMAPO NY	Eligible
8704.000238	Building	Suffern Middle School - Hemlon Rd, RAMAPO NY	Eligible
8704.000241	Building	Ramapo High School - 400 Viola Rd, RAMAPO NY	Eligible
8704.000243	Building	Dutch Colonial Revival House - Concklin Rd, RAMAPO NY	Eligible
8704.000244	Building	Brick and Frame Colonial Revival House - Concklin Rd, RAMAPO NY	Eligible
8704.000259	Building	Gambrel-roofed 3 bay sandstone house w/ wing - 920 Chestnut Ridge Rd, RAMAPO NY	Eligible
8704.000284	Building	Cobblestone Craftsman-Dutch Colonial - 648 Chestnut Ridge Rd, RAMAPO NY	Eligible
8704.000285	Building	Frame 1.5 story Craftsman (kit home) - 832 Chestnut Ridge Rd, RAMAPO NY	Eligible
8704.000286	Building	Lakeside School (Gould Foundation) - RAMAPO NY	Eligible
8704.000287	Building	Eckerson Farmhouse (Stone w/gambrel) - 1014 Chestnut Ridge Rd, RAMAPO NY	Eligible
8704.000292	Building	Wesley Chapel & Cemetery - Spook Rock Rd, RAMAPO NY	Eligible
8704.000293	Building	Antrim Playhouse - Spook Rock Rd, RAMAPO NY	Eligible
8704.000299	Building	Virgin Mary & St. Pakhomous Coptic Church - 41 South Main St, RAMAPO NY	Eligible
8704.0003	Building	Ramapo Mountain People District - - Boulder St., RAMAPO NY	Eligible
8704.000301	Building	- 104 Montebello, RAMAPO NY	Eligible
8704.000302	Building	- 106 Montebello Rd, RAMAPO NY	Eligible
8704.000303	Building	Alan Ballou House - 646 Haverstraw Rd, RAMAPO NY	Eligible
8704.000331	Building	- 253-257 Spook Rock Rd, RAMAPO NY	Eligible
8704.000334	Building	BIN 5521390 - NY	Eligible
8704.000337	Building	Saint Joseph's Home Building - 125 Sister Servants Lane, Sloatsburg NY 10974	Eligible
8704.000338	Building	St. Mary's Villa (Table Rock House) - Sloatsburg NY	Eligible
8704.000339	Building	Grotto (Table Rock Estate) - NY	Eligible
8704.00034	Building	Table Rock Estate Playhouse - NY	Eligible
8704.000341	Building	Table Rock Estate Staff House - NY	Eligible
8704.000357	Building	932 HAVERSTRAW ROAD, SUFFERN - 932 HAVERSTRAW ROAD, SUFFERN NY 10901	Eligible
8704.000003	Building	OLD ENGLISH CHURCH/NEW HEMPSTEAD PRESBYTERIAN CHURCH - 484 NEW HEMPSTEAD RD, RAMAPO NY	Listed
8704.000006	Building	OLD ENGLISH CHURCH SCHOOL - NEW HEMPSTEAD RD, RAMAPO NY	Listed
8704.000008	Building	OLD ENGLISH CHURCH MANSE - NEW HEMPSTEAD RD, RAMAPO NY	Listed
8704.000039	Building	TORNE BROOK FARM - TORNE BROOK RD, RAMAPO NY	Listed
8704.00004	Building	MODERN SUNDAY SCHOOL FACILITY - NEW HEMPSTEAD RD, RAMAPO NY	Listed
8704.000041	Building	BRICK CHURCH - BRICK CHURCH RD, RAMAPO NY	Listed
8704.000042	Building	BRICK CHURCH SCHOOLHOUSE - BRICK CHURCH RD, RAMAPO NY	Listed
8704.000043	Building	BRICK CHURCH CEMETERY - BRICK CHURCH RD, RAMAPO NY	Listed
8704.000044	Building	BRICK CHURCH CEMETERY SUPERINTENDENTS HOUSE - BRICK CHURCH RD, RAMAPO NY	Listed
8704.000061	Building	JOHN DEBAUN MILL - NY 59, RAMAPO NY	Listed
8704.000064	Building	PALISADES INTERSTATE PKWY - PALISADES INTERSTATE PKWY, RAMAPO NY	Listed
8704.000294	Building	Houser-Concklin House - 246 NY 306, Ramapo NY 10952	Listed
8704.000296	Building	Gurnee-Sherwood House - 29 Spook Rock Rd, RAMAPO NY	Listed

Gilmour, David P.

5/7/19

From: Allen, Nicole T.
Sent: Friday, March 01, 2019 1:00 PM
To: Gilmour, David P.
Subject: FW: SHPO Submission Consolidated Response for Consultation Project: 19PR00997

From: New York State Parks CRIS Application [mailto:cris.web@parks.ny.gov]
Sent: Friday, March 01, 2019 9:35 AM
To: SHPO - Cultural Resource Information System <cris@labergegroup.com>
Subject: SHPO Submission Consolidated Response for Consultation Project: 19PR00997

This message is a notification from the New York State Historic Preservation Office (SHPO) through its Cultural Resource Information System (CRIS). As part of its review, SHPO has issued a consolidated response for project submission 19PR00997.001 (Town of Ramapo Future Land Use Generic Environmental Impact Statement & Northeast Ramapo Strategic Plan / 2018095).

A consolidated response includes individual written responses from the reviewers of this submission, and may include supporting documentation as attachments. This response may also include requests for more information, which must be fulfilled within the response page.

You may access the consolidated response through the **My Consolidated Responses** tab on your Home dashboard if you are a registered project contact, or by following the steps below:

1. Click or browse to the following URL: <https://cris.parks.ny.gov/?type=CR&id=UALTKLSW8F7A>
2. At the CRIS Legal Disclaimer, click **I Agree** to proceed.
3. Click **Proceed as Guest** or log in with an NY.gov ID account. The consolidated response page should display; if not, follow the remaining steps below.
4. In the top navigation bar, click **Communicate**.
5. In the Communicate menu, click **View and/or Address a Response**.
6. Enter the response token (UALTKLSW8F7A) and click the **Start** button to open the consolidated response page.

If you have any questions about CRIS, please contact CRIS Help at CRISHelp@parks.ny.gov. For any other questions, please call 518-237-8643.

Sincerely,

New York State Historic Preservation Office
Peebles Island State Park, P.O. Box 189, Waterford, NY 12188-0189

You are receiving this email as part of an online service administered by New York State Parks, Recreation and Historic Preservation's Division for Historic Preservation, also known as the New York State Historic Preservation Office (SHPO). The Cultural Resource Information System (CRIS) is an advanced Geographic Information System application that provides access to New York State's vast historic and cultural resource databases and digitized paper records. In addition, CRIS serves as an interactive portal for agencies, municipalities and the public who use or require consultation with our agency on historic preservation programs or issues.

Our email to you is in direct response to material that was submitted to our office regarding a project for which you were identified as a contact. Such projects include actions that are reviewable by our agency under the National Historic Preservation Act of 1966 (Section 106), the New York State Historic Preservation Act (Section 14.09 NYSPRHPL), or the State Environmental Quality Review Act (SEQRA).

If you did not enter this project directly into CRIS, you are receiving this notification as SHPO or another project contact has entered it in our system. You will receive future correspondence for this project via email.

View and/or Address a Response

Project 19PR00997: Town of Ramapo Future Land Use Genetic Environmental Impact Statement & Northeast Ramapo Strategic Plan (UAI.TKLSW87A)

Please accept the following information below as the consolidated response from NYS SHPO for the above referenced submission.

Review Responses	
Reviewer	Responses
James Fine	In Response to the request for information on historic built resources, please see the attached list of National Register listed and National Register eligible built resources within the Town of Ramapo. Please be advised that the state inventory of historic resources is continually being updated and added to and that it may not include all historic resources that exist within the Town of Ramapo. The National Register of Historic Places is a list of the Nation's historic places worthy of preservation. Properties listed on the register are deemed to be of national significance. At this time on potential impacts to these resources based on the current planning document. Once specific projects are under development and submitted to our office for review, we can provide comment on potential impacts.
Philip Perazzo	In order for SHPO to complete our evaluation of the Archaeological sensitivity of your project, we need further information. Please review the attached document and email it back and click the "Process" button to respond to each request.

Information Requests			
Process Status	Reviewer	Review Type	Request Description
Information Requested	Philip Perazzo	Request a New Attachment, Photo, or Survey for this Consultation Project	Request for a Photo / Archaeological Survey report. See attached letter. Upload using the enclosed link below.

Attachments			
Attachment	Reviewer	Review Type	Description
	James Fine	Survey and Evaluation	Lined and Eagle Built Resources - Town of Ramapo
	Philip Perazzo	Archaeology	Lined and Eagle Built Resources - Town of Ramapo
	Philip Perazzo	Archaeology	19PR00997 Submission / response Request for a Photo / Archaeological Survey report.

December 7, 2018

**VIA CULTURAL RESOURCE
INFORMATION SYSTEM UPLOAD**

Daniel Mackay, Deputy Commissioner
New York State Division for Historic Preservation
Peebles Island State Park
P.O. Box 189
Waterford, NY 12188-0189

Re: SEQR Consultation
Town of Ramapo (Rockland County, NY)
Town of Ramapo GEIS &
Northeast Strategic Plan
Laberge Group Project#: 2018095

Dear Deputy Commissioner Mackay:

The Town of Ramapo is undertaking a project entitled "Town of Ramapo Future Land Use Generic Environmental Impact Statement & Northeast Ramapo Strategic Plan". Currently, an effort is underway to identify the potential for impacts to cultural and historic resources in association with this long-range planning project. The purpose of this letter is to consult with the New York State Historic Presentation Office (SHPO), on behalf of the Town of Ramapo, to ascertain whether SHPO identifies the presence of sensitive archeological sites, buildings, or other above ground resources which possess potential to be impacted by the proposed action, which ultimately would be the Town Board's adoption of the proposed program of land use and infrastructure development.

The Laberge Group, as lead project consultant for the municipality, is formulating a Northeast Ramapo Strategic Plan for the Town of Ramapo (hereafter Strategic Plan). The Action entails the adoption of a Town-wide Generic Environmental Impact Statement (GEIS), which constitutes a town-wide environmental resource assessment. The adoption of a Supplemental Generic Environmental Impact State (SGEIS) will evaluate site-specific potential impacts that may arise in conjunction with the implementation of any land use and community and economic development framework laid out in the Northeast Ramapo Strategic Plan, including preferred amendments to zoning. It is the Town's intent to develop additional strategic assessments through future SGEISs for other areas of the unincorporated Town.

Enclosed find the following document which is pertinent to the Project:

1. Project Base Map – Town of Ramapo.

As shown on the project base map, the study area scope for this Action covers all unincorporated land within the Town's jurisdiction, with a more intense focus on Northeast Ramapo which is the area that will be the subject of specific land use and development strategies. The Base Map delineates all areas within the unincorporated part of the Town that will be covered within the GEIS, which are situated outside of incorporated village jurisdictions, as well as the specific footprint of the Northeast Ramapo Strategic Plan study area

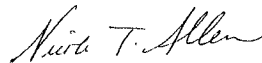
This environmental screening is submitted anticipating there will be a NY State Environmental Quality Review Act proposed GEIS Scope considered by the Ramapo Town Board, as well as a public Scoping Session. The project documentation within the GEIS and the Northeast Ramapo Strategic Plan will include a community profile (environmental resources, land use, zoning, housing, infrastructure, demographics, economic development, and summaries of past planning documents) and, in consideration of specific Town circumstances, the Northeast Ramapo Strategic Plan will provide land use and development goals and recommendations along with detailed alternative implementation strategies for future Northeast Ramapo land use, infrastructure, and community and economic development, within that specific sub-area.

This is a planning project, there is no specific physical development contemplated at this point. Rather, the purpose of this inquiry is to ascertain whether sensitive resources may potentially be present within the boundaries of the Town. Please review the document listed above and provide feedback in relation to the New York State Environmental Quality Review Act (NYCRR Part 617). There will be a subsequent consultation with the County of Rockland as a Certified Local Government.

If you have any questions or need additional information, please feel free to contact our office.

Very truly yours,

LABERGE GROUP



By: _____

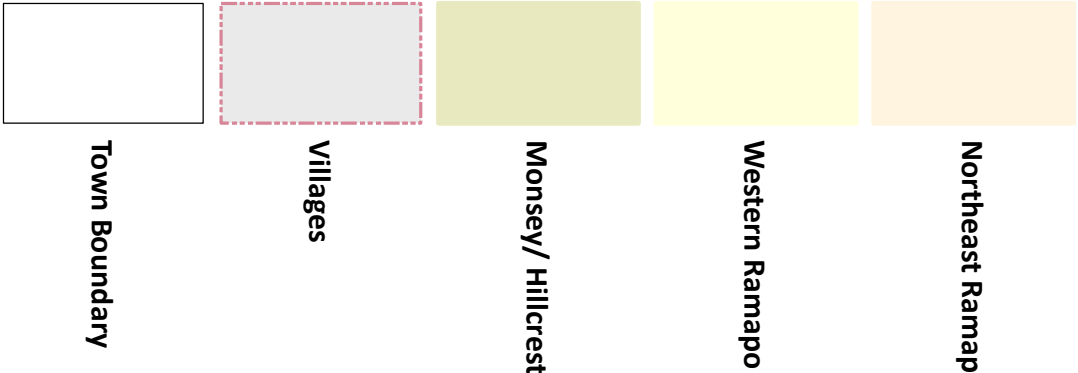
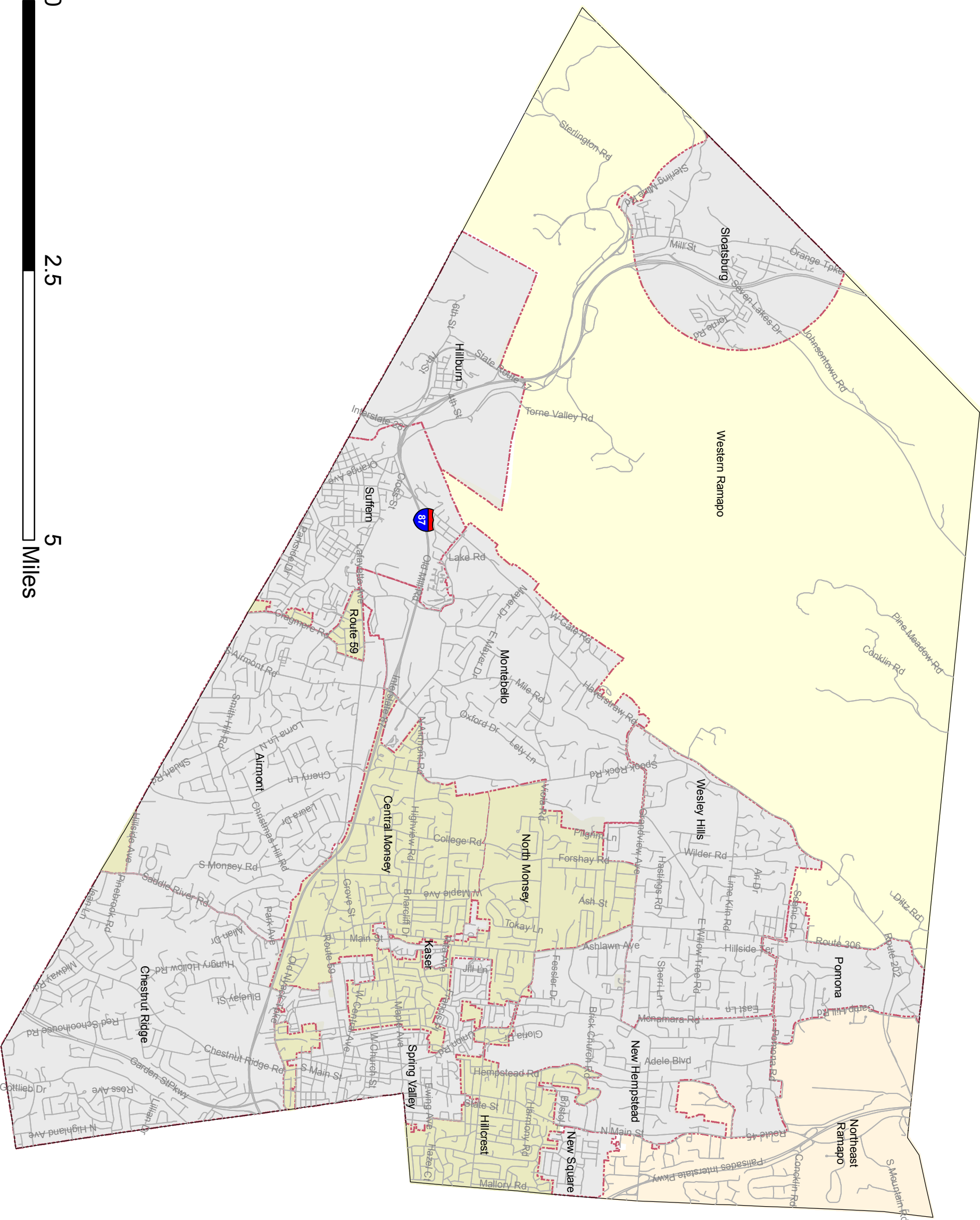
Nicole T. Allen, AICP
Planning Services Manager

C: David Gilmour, AICP, Senior Planner; Project File.

Town of Ramapo

Rockland County, NY

General Overview Map



February 13, 2019

Craig Long, Chairperson
Rockland County Historic Preservation Board
C/O Linda Grant - Rockland County Planning Department
Building T
50 Sanatorium Rd,
Pomona, NY 10970

Re: Initial Consultation

Town of Ramapo (Rockland County, NY)
Townwide GEIS & Northeast Strategic Plan
Laberge Group Project#: 2018095

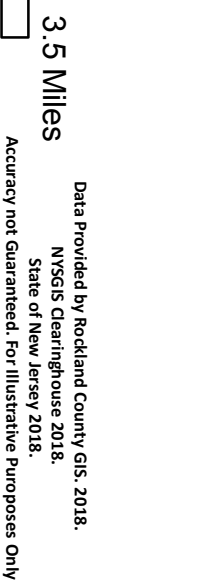
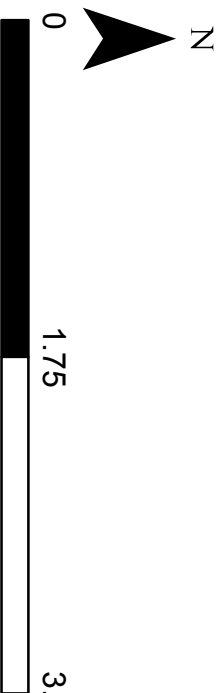
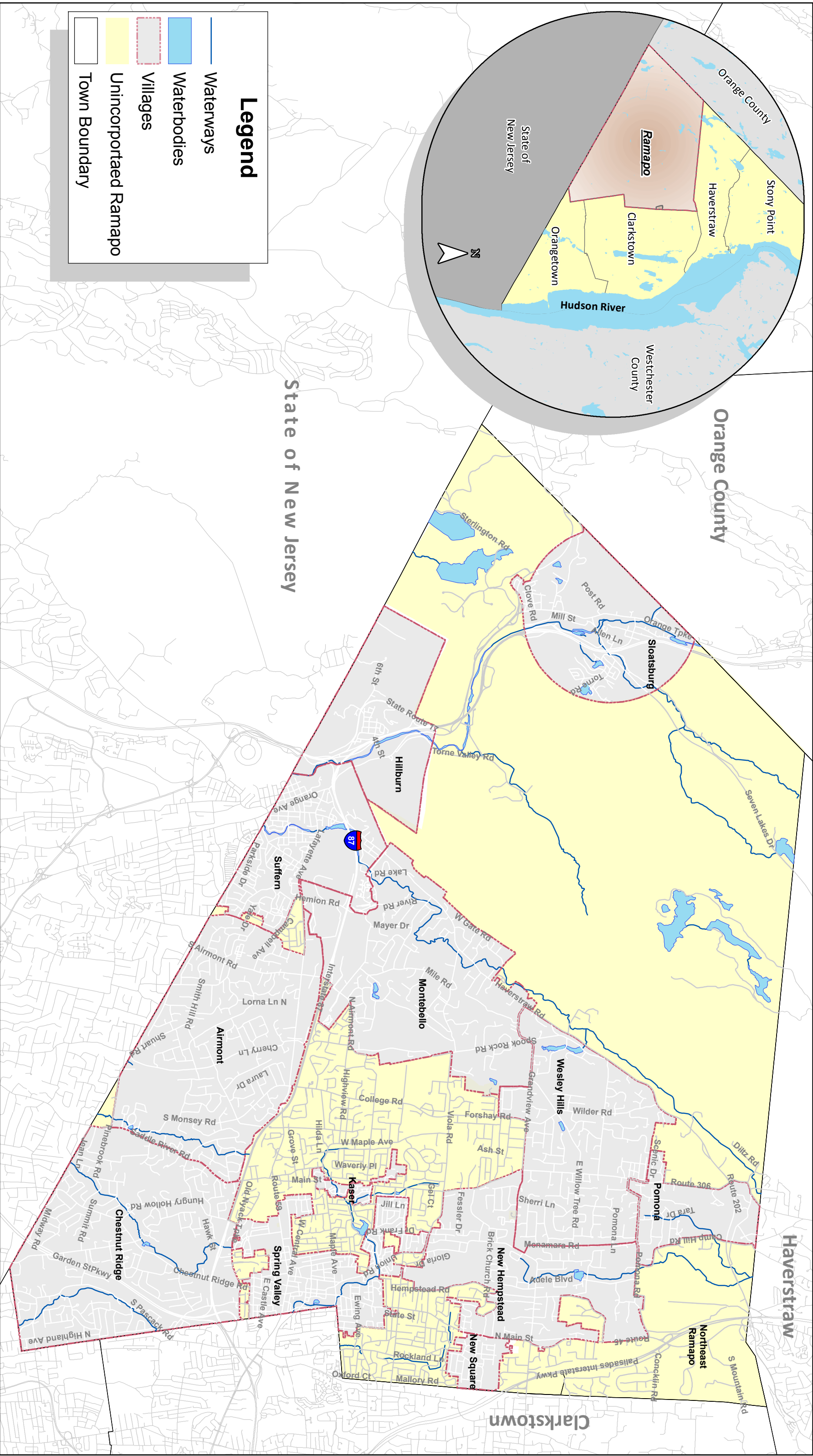
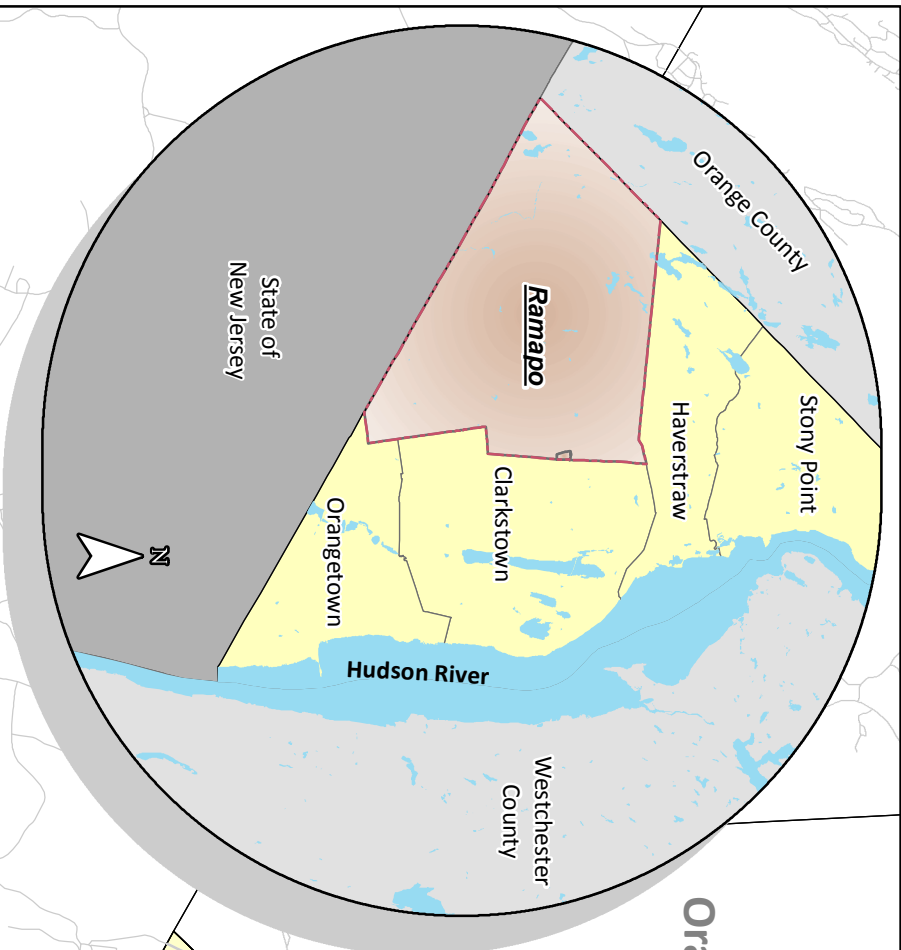
Dear Chairperson Long:

The Town of Ramapo (Town) is undertaking the “Town of Ramapo Future Land Use Generic Environmental Impact Statement & Northeast Ramapo Strategic Plan” Project. Currently, an effort is underway to characterize the potential for impacts to area cultural and historic resources in association with this long-range planning project. This letter represents a consultation with Rockland County Historic Preservation Board (Board), on behalf of the Town, in order to identify resources within the Town that are listed in the County-level Historic Properties Inventory. This is also a request for the Board’s perspectives on ways to preserve the features of places/ properties identified as significant as per the Board’s criteria and procedures in County Law 75-A.

Laberge Group, as lead Project consultant for the municipality, is formulating a Northeast Ramapo Strategic Plan for the Town of Ramapo (hereafter Strategic Plan). It is part of a broader action that will entail the formulation of a Generic Environmental Impact Statement (GEIS) encapsulating potential future land use in the unincorporated parts of Town. This GEIS will provide a town-wide environmental resource assessment and it will evaluate the impacts that may arise in conjunction with future land use as well as the alternative land use, infrastructure, and economic development notions presented in the not yet developed Strategic Plan. The GEIS will include analysis of potential amendments to zoning within its focus on the northeast part of Town.

It is expected the Town would develop additional strategic assessments through future supplemental GEISs for other parts of the unincorporated Town. Since the community is large and multifaceted, the northeast is the first character area that is provided a detailed treatment within this analysis and planning.

Enclosed find a ‘Overview Map – Town of Ramapo, Rockland County, NY’. The inventory and analysis will consider aspects of the environment town-wide, the GEIS will address all areas and future land use within the unincorporated part of the Town, plus it will contain focused treatment in order to address a variety of specific actions presented within the Northeast Ramapo Strategic Plan study area. On the Map, the northeast area is the shaded yellow area east of Village of Pomona, north and east of Village of New Hempstead, and north of the Village of New Square.



Town of Ramapo, Rockland County, NY

Overview Map

Town of Ramapo – Fire Entities Mailing List

Gary Wren, Chm.
Hillcrest Fire Dept.
Moleston Fire District
96 Orange Turnpike
PO Box 115
Sloatsburg, NY 10974

Chief Carmine Caruso
South Spring Valley Fire Dept.
40 Red School House Road
Spring Valley, NY 10977

Chief Michael Leopori
Suffern Hook & Ladder Co. #1
Suffern Fire Dept.
35 Washington Street
PO Box 117
Suffern, NY 10901

Chief Chris Szklany
Tallman Fire Department
289 Route 59
PO Box 37
Tallman, NY 10982

Chief Ray Canario
Spring Valley Fire Dept.
PO Box 637
Spring Valley NY 10977

Chief A. Schlissel
Brewer Fire Engine Co.
Monsey Fire Dept.
16 Grove Street
Monsey, NY 10952-3001

Chief Shane Starr
Hillburn Fire Co.
Hillburn Fire Dept.
37 5th Street
Hillburn, NY 10931

Chief Joel Spoelstra
Excelsior Engine Co.
Pearl River Fire Dept.
1 Mike Kernan Drive
Pearl River, NY 10965

Chief Christopher Morse
Sloatsburg Fire
PO Box 115
Sloatsburg, NY 10974

February 21, 2019

VIA MAIL

Gary Wren, Chm.
Hillcrest Fire Department
Molestone Fire District
96 Orange Turnpike
PO Box 115
Sloatsburg, NY 10974

**RE: Request for Information
Town of Ramapo Future Land Use Generic
Environmental Impact Statement &
Northeast Ramapo Strategic Plan
Town of Ramapo, Rockland County, NY**

Dear Fire Safety Official:

The Town of Ramapo (Town) is formulating the “Town of Ramapo Future Land Use Generic Environmental Impact Statement (GEIS) & Northeast Ramapo Strategic Plan”. This letter requests input from the agency above regarding characteristics of operations and how the provision of fire safety services may potentially be impacted by growth, including based on alternative strategies presented within the Northeast Ramapo Strategic Plan.

Laberge Group has been retained by the Town to coordinate this important evaluation. On behalf of the Town, please supply information on attributes of the agency, features of services, and any needs that leadership may want to highlight by March 8, 2019. It is likely there will be a follow-up, such as in the form of an interview or meeting, to further explore this broad subject and its many dimensions.

The GEIS, which is being formulated pursuant to the NY State Environmental Quality Review Act, will provide a town-wide environmental resource assessment. It will examine impacts that may arise in conjunction with future land use (under existing zoning) within unincorporated parts of Town. The GEIS will also examine alternative land use, infrastructure, and economic development notions that may be presented within the Northeast Strategic Plan.

The enclosed ‘Overview Map – Town of Ramapo, Rockland County, NY’ shows the unincorporated parts of Town in yellow and villages in grey. On this Map, the northeast area is the yellow-shaded area east of Village of Pomona, north and east of Village of New Hempstead, and north of the Village of New Square. Since the community is large and multifaceted, the northeast is the first character area provided detailed planning -- it is expected the Town will develop additional strategic assessments through future Supplemental GEISs for other parts of the unincorporated Town.

Please consider the following questions. Any information transmitted will be of assistance:

1. Regarding the Agency/ Department:
 - a. Current number of active volunteers.
 - b. Annual call volume (preferably 2018).

- c. Number of times the entity called for Mutual Aid (preferably in calendar 2018).
 - d. Number of times the entity responded to external calls for Mutual Aid (preferably 2018).
2. Describe any shared service agreements, Inter-Municipal Agreements (IMAs), or other contractual arrangements with any municipality, either inside or outside of the Town.
3. Supply a map outlining the footprint for the primary service area and any sub-parts.
 - a. Identify spatial area(s) of any first responder obligation outside of a primary area, if applicable.
4. Based on Rockland County Fire Services Directory, 2018, by Rockland Co. Fire Training Center, there has been identification of major rolling stock that is either: fire engines/ pumpers; ladder/ tower apparatus; and tankers. Please ID the age of these vehicles.
 - a. Submit any other attribute data deemed important for existing capital facilities/ equipment.
5. Identify short-, medium- and long-term Facility, Equipment, Personnel, Training, and Other needs. Short is defined as less than four years, medium is four to seven, and long-term is eight or greater years.
6. Does the Town involve Fire Departments when new land uses or redevelopment projects are under review, such as by Planning Board? Are there desired changes to procedures?
7. Are there public areas that are of concern with respect to the agency's ability to provide adequate services? Examples of concerns may include, but are not limited to access, existing buildings, density, topography, condition of roads and water supply.
8. Are there lands / areas well-suited for future development?
9. Has the agency applied for grants to leverage the costs for equipment, training, or other needs?
 - a. If yes, identify the types of grants applied, amounts, and the success rate.
 - b. If grants have not been previously applied for, explain why.
10. Provide any additional comments that may be relevant for this effort.

Thank you for the assistance. Going forward, information supplied will be used in examining ways to facilitate orderly growth and impact mitigation Town-wide. It will also be used in selecting potential land use, infrastructure, and community development policies proposed for the northeast. Should you have questions regarding this request, please do not hesitate to contact me at (518) 458-7112 or dgilmour@labergegroup.com

Very truly yours,
LABERGE GROUP



By: _____
David Gilmour, AICP
Senior Planner

Attachment: Overview Map – Town of Ramapo.

Copy: Nicole Allen, AICP, Laberge Group, Planning Services Manager; Project File; Town of Ramapo.

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