

**Full Environmental Assessment Form
Part 1 - Project and Setting**

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either “Yes” or “No”. If the answer to the initial question is “Yes”, complete the sub-questions that follow. If the answer to the initial question is “No”, proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the applicant or project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Lake Taghkanic State Park Master Plan		
Project Location (describe, and attach a general location map): Lake Taghkanic State Park, 1528 NY-82, Ancram, NY12502		
Brief Description of Proposed Action (include purpose or need): Changes in visitor preferences, demographic shifts, aging infrastructure, and environmental concerns at the park warrant a comprehensive approach to future improvements. The Master Plan proposes multiple actions park-wide to improve recreational, cultural, and educational opportunities and operational efficiencies. The actions recommended in the plan are aimed at rehabilitating aging infrastructure, revitalizing underutilized areas, and meeting demand for recreation activities in the region. Protections of natural and historic / cultural resources are also included. See Appendix B - Development of Recommended Actions for a complete list of proposed actions within the master plan.		
Name of Applicant/Sponsor: Linda G. Cooper - OPRHP Taconic Regional Director		Telephone: (845) 889-4100
		E-Mail: linda.cooper@parks.ny.gov
Address: PO Box 308- 9 Old Post Road		
City/PO: Staatsburg	State: NY	Zip Code: 12580
Project Contact (if not same as sponsor; give name and title/role):		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor):		Telephone:
		E-Mail:
Address:		
City/PO:	State:	Zip Code:

B. Government Approvals

Some individual actions may require county, state and or federal permits. However, all actions are currently conceptual. Permits will be obtained, as needed, as each proposed action is undertaken.

B. Government Approvals, Funding, or Sponsorship. (“Funding” includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, <input type="checkbox"/> Yes <input type="checkbox"/> No or Village Board of Trustees		
b. City, Town or Village <input type="checkbox"/> Yes <input type="checkbox"/> No Planning Board or Commission		
c. City, Town or <input type="checkbox"/> Yes <input type="checkbox"/> No Village Zoning Board of Appeals		
d. Other local agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
e. County agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
f. Regional agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
g. State agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
h. Federal agencies <input type="checkbox"/> Yes <input type="checkbox"/> No		
i. Coastal Resources. <ul style="list-style-type: none"> i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No iii. Is the project site within a Coastal Erosion Hazard Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 		

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? Yes No

- If Yes, complete sections C, F and G.
- If No, proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? Yes No
Town of Gallatin Comprehensive Plan, June 2023 and Town of Taghkanic Comprehensive Plan, 9/3/2009.

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? Yes No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) Yes No

If Yes, identify the plan(s):

Lake Taghkanic State Park is within the boundaries of the Hudson River Valley Greenway and the Maurice D. Hinchey Hudson Valley National Heritage Area.

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? Yes No

If Yes, identify the plan(s):

Columbia County Agriculture and Farmland Protection Plan, June 19, 2013.

C.3. Zoning Local zoning requirements are preempted by the State which precludes the applicability of and the need to comply with local zoning ordinances. This applies to property owned by the People of the State of NY under OPRHP jurisdiction. This response covers C.3. a, b, and c.

- a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. N/A Yes No
 If Yes, what is the zoning classification(s) including any applicable overlay district?

- b. Is the use permitted or allowed by a special or conditional use permit? N/A Yes No
- c. Is a zoning change requested as part of the proposed action? N/A Yes No
 If Yes,
 i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

- a. In what school district is the project site located? Germantown Central School District
- b. What police or other public protection forces serve the project site?
State Police, NY State Park Police, Columbia County Sheriff
- c. Which fire protection and emergency medical services serve the project site?
Taghkanic Fire Department
- d. What parks serve the project site?
The proposed action is within a state park.

D. Project Details

D.1. Proposed and Potential Development

- a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Recreational
- b. a. Total acreage of the site of the proposed action? _____ ~1,850 acres
 b. Total acreage to be physically disturbed? _____ * acres
 c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ ~1,850 acres
*Acreage to be disturbed is currently conceptual. However, proposed actions are intended to have a light footprint on the environment and total disturbance will be to a small fraction of the the park acreage.
- c. Is the proposed action an expansion of an existing project or use? Yes No
 i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____
- d. Is the proposed action a subdivision, or does it include a subdivision? Yes No
 If Yes,
 i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)

 ii. Is a cluster/conservation layout proposed? Yes No
 iii. Number of lots proposed? _____
 iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____
- e. Will the proposed action be constructed in multiple phases? Yes No
 i. If No, anticipated period of construction: _____ months
 ii. If Yes:
 - Total number of phases anticipated _____
 - Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
 - Anticipated completion date of final phase _____ month _____ year
 - Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____Mainly, the individual elements of the master plan are independent from each other.

f. Does the project include new residential uses? Yes No
 If Yes, show numbers of units proposed. **See note 1.**

	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
Initial Phase	_____	_____	_____	_____
At completion	_____	_____	_____	_____
of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)? **See note 2.** Yes No
 If Yes,

i. Total number of structures _____

ii. Dimensions (in feet) of largest proposed structure: _____ height; _____ width; and _____ length

iii. Approximate extent of building space to be heated or cooled: _____ square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? Yes No
 If Yes,

i. Purpose of the impoundment: _____

ii. If a water impoundment, the principal source of the water: Ground water Surface water streams Other specify: _____

iii. If other than water, identify the type of impounded/contained liquids and their source. _____

iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres

v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): _____

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? Yes No
 (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite) **See note 3.**

If Yes:

i. What is the purpose of the excavation or dredging? _____

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): _____
- Over what duration of time? _____

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them. _____

iv. Will there be onsite dewatering or processing of excavated materials? Yes No
 If yes, describe. _____

v. What is the total area to be dredged or excavated? _____ acres

vi. What is the maximum area to be worked at any one time? _____ acres

vii. What would be the maximum depth of excavation or dredging? _____ feet

viii. Will the excavation require blasting? Yes No

ix. Summarize site reclamation goals and plan: _____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? **See note 4.** Yes No
 If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

iii. Will the proposed action cause or result in disturbance to bottom sediments? Yes No

If Yes, describe: _____

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? Yes No

If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____

- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

c. Will the proposed action use, or create a new demand for water? **See note 5.** Yes No

If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

ii. Will the proposed action obtain water from an existing public water supply? Yes No

If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No
- Do existing lines serve the project site? Yes No

iii. Will line extension within an existing district be necessary to supply the project? Yes No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? Yes No

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

vi. If water supply will be from wells (public or private), what is the maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? **See note 6.** Yes No

If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

iii. Will the proposed action use any existing public wastewater treatment facilities? Yes No

If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No

• Do existing sewer lines serve the project site? Yes No
 • Will a line extension within an existing district be necessary to serve the project? Yes No
 If Yes:
 • Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? Yes No
 If Yes:
 • Applicant/sponsor for new district: _____
 • Date application submitted or anticipated: _____
 • What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? **See note 7.** Yes No
 If Yes:
 i. How much impervious surface will the project create in relation to total size of project parcel?
 _____ Square feet or _____ acres (impervious surface)
 _____ Square feet or _____ acres (parcel size)
 ii. Describe types of new point sources. _____

 iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

 • If to surface waters, identify receiving water bodies or wetlands: _____

 • Will stormwater runoff flow to adjacent properties? Yes No

iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? Yes No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? **Mobile sources during construction.** Yes No
 If Yes, identify:
 i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

 ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

 iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? Yes No
 If Yes:
 i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) Yes No
 ii. In addition to emissions as calculated in the application, the project will generate:
 • _____ Tons/year (short tons) of Carbon Dioxide (CO₂)
 • _____ Tons/year (short tons) of Nitrous Oxide (N₂O)
 • _____ Tons/year (short tons) of Perfluorocarbons (PFCs)
 • _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆)
 • _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflouorocarbons (HFCs)
 • _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? Yes No

If Yes:

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? Yes No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): _____

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? Yes No

If Yes:

i. When is the peak traffic expected (Check all that apply): Morning Evening Weekend
 Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____

iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

iv. Does the proposed action include any shared use parking? Yes No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: _____

vi. Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site? Yes No

vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? Yes No

Not a commercial or industrial project.

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): _____

iii. Will the proposed action require a new, or an upgrade, to an existing substation? Yes No

l. Hours of operation. Answer all items which apply.

<p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ Normal work hours. • Saturday: _____ Potentially, normal work hours. • Sunday: _____ N/A • Holidays: _____ N/A 	<p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ 8 a.m. to sunset • Saturday: _____ 8 a.m. to sunset • Sunday: _____ 8 a.m. to sunset • Holidays: _____ 8 a.m. to sunset
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m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? **See note 8.** Yes No
 If yes:
 i. Provide details including sources, time of day and duration:

ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes No
 Describe: _____

n. Will the proposed action have outdoor lighting? Yes No
 If yes: **See note 9.**
 i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes No
 Describe: _____

o. Does the proposed action have the potential to produce odors for more than one hour per day? **See note 10.** Yes No
 If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? **See note 11.** Yes No
 If Yes:
 i. Product(s) to be stored _____
 ii. Volume(s) _____ per unit time _____ (e.g., month, year)
 iii. Generally, describe the proposed storage facilities: _____

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? Yes No
 If Yes:
 i. Describe proposed treatment(s):
Some invasive species are best treated using chemical means. Those species will be treated with pesticides, as needed.

ii. Will the proposed action use Integrated Pest Management Practices? Yes No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? Yes No
Not a commercial or industrial project.
 If Yes:
 i. Describe any solid waste(s) to be generated during construction or operation of the facility:
 • Construction: _____ tons per _____ (unit of time)
 • Operation : _____ tons per _____ (unit of time)
 ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:
 • Construction: _____

 • Operation: _____

iii. Proposed disposal methods/facilities for solid waste generated on-site:
 • Construction: _____

 • Operation: _____

s. Does the proposed action include construction or modification of a solid waste management facility? Yes No
 If Yes: **See Note 12.**

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will the proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? Yes No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility: _____

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

Urban Industrial Commercial Residential (suburban) Rural (non-farm)
 Forest Agriculture Aquatic Other (specify): Parkland

ii. If mix of uses, generally describe: _____

b. Land uses and covertypes on the project site. **Proposed actions are conceptual. However, minimal changes to land uses and covertypes are proposed.**

Land use or Covertypes	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces			
• Forested			
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: _____			

c. Is the project site presently used by members of the community for public recreation? Yes No
i. If Yes: explain: Yes, the project site is a state park.

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? Yes No
If Yes,
i. Identify Facilities:

e. Does the project site contain an existing dam? Yes No
If Yes:
i. Dimensions of the dam and impoundment:
• Dam height: _____ 3 feet
• Dam length: _____ Unlisted feet
• Surface area: _____ 162 acres
• Volume impounded: _____ 2,950 AF gallons OR acre-feet
ii. Dam's existing hazard classification: Low Hazard Dam
iii. Provide date and summarize results of last inspection:
6/23/1998 - Not Rated

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? Yes No
If Yes:
i. Has the facility been formally closed? Yes No
• If yes, cite sources/documentation: _____
ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

iii. Describe any development constraints due to the prior solid waste activities: _____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? Yes No
If Yes:
i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? Yes No **See note 13.**
If Yes:
i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: Yes No
 Yes – Spills Incidents database Provide DEC ID number(s): _____
 Yes – Environmental Site Remediation database Provide DEC ID number(s): _____
 Neither database
ii. If site has been subject of RCRA corrective activities, describe control measures: _____

iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes No
If yes, provide DEC ID number(s): _____
iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

v. Is the project site subject to an institutional control limiting property uses? Yes No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? Yes No
- Explain: _____

E.2. Natural Resources On or Near Project Site See note 14 for E.2. a-f.

a. What is the average depth to bedrock on the project site? _____ feet

b. Are there bedrock outcroppings on the project site? Yes No
 If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ %

c. Predominant soil type(s) present on project site: _____ %
 _____ %
 _____ %

d. What is the average depth to the water table on the project site? Average: _____ feet

e. Drainage status of project site soils: Well Drained: _____ % of site
 Moderately Well Drained: _____ % of site
 Poorly Drained _____ % of site

f. Approximate proportion of proposed action site with slopes: 0-10%: _____ % of site
 10-15%: _____ % of site
 15% or greater: _____ % of site

g. Are there any unique geologic features on the project site? Yes No
 If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? Yes No

ii. Do any wetlands or other waterbodies adjoin the project site? Yes No
 If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? Yes No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name 863-15, 863-20, 863-19, 863-436, 863-436.1, 863... Classification C, C(T), C(TS), B(TS)
- Lakes or Ponds: Name Lake Taghkanic Classification B(TS)
- Wetlands: Name Federal Waters, NYS Wetland, Federal Waters, Fe... Approximate Size NYS Wetland (in a...
- Wetland No. (if regulated by DEC) A-11, A-8

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? Yes No
 If yes, name of impaired water body/bodies and basis for listing as impaired: _____

i. Is the project site in a designated Floodway? Yes No

j. Is the project site in the 100-year Floodplain? Yes No

k. Is the project site in the 500-year Floodplain? Yes No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? Yes No
 If Yes:
 i. Name of aquifer: Principal Aquifer

m. Identify the predominant wildlife species that occupy or use the project site:		
Green Frog _____	Monarch Butterfly _____	Common Snapping Turtle _____
Eastern Newt _____	American Toad _____	Blacked-capped Chickadee _____
Common Garter Snake _____	White-tailed Deer _____	Red-tailed Hawk _____
n. Does the project site contain a designated significant natural community? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
If Yes:		
<i>i. Describe the habitat/community (composition, function, and basis for designation):</i> _____ Inland Poor Fen, Hemlock-Northern Hardwood Forest		
<i>ii. Source(s) of description or evaluation:</i> _____		
<i>iii. Extent of community/habitat:</i>		
<ul style="list-style-type: none"> • Currently: _____ 0.33, 239.42 acres • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ acres 	<b style="color: red;">No significant changes to SNC acreage are proposed.	
o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
If Yes:		
<i>i. Species and listing (endangered or threatened):</i> _____ Southern Swamp Buttercup		
<hr/>		
p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
If Yes:		
<i>i. Species and listing:</i> _____ New England Cottontail, Pleated-leaved Knotweed		
<hr/>		
q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
If yes, give a brief description of how the proposed action may affect that use: _____ Both hunting and fishing are allowed within Lake Taghkanic State Park.		
<hr/>		
E.3. Designated Public Resources On or Near Project Site		
a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If Yes, provide county plus district name/number: _____		
b. Are agricultural lands consisting of highly productive soils present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
<i>i. If Yes: acreage(s) on project site?</i> 26.2 acres (1.4% of the site)		
<i>ii. Source(s) of soil rating(s):</i> Web Soil Survey and NYS A&M 2024 Agricultural Land Classification.		
<hr/>		
c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If Yes:		
<i>i. Nature of the natural landmark:</i> <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature		
<i>ii. Provide brief description of landmark, including values behind designation and approximate size/extent:</i> _____ _____ _____		
<hr/>		
d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If Yes:		
<i>i. CEA name:</i> _____		
<i>ii. Basis for designation:</i> _____		
<i>iii. Designating agency and date:</i> _____		

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? If Yes: <i>i.</i> Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input type="checkbox"/> Historic Building or District <i>ii.</i> Name: Eligible property: Wastewater Treatment Plant, Eligible property: Jaffe Property, Eligible property: Lake Taghkanic Stat...	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<i>iii.</i> Brief description of attributes on which listing is based: Associated with events that have made a significant contribution to the broad patterns of our history.	
f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
g. Have additional archaeological or historic site(s) or resources been identified on the project site? If Yes: <i>i.</i> Describe possible resource(s): _____ <i>ii.</i> Basis for identification: _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? If Yes: <i>i.</i> Identify resource: Lake Taghkanic State Park <i>ii.</i> Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): State Park <i>iii.</i> Distance between project and resource: _____ 0 miles.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? If Yes: <i>i.</i> Identify the name of the river and its designation: _____ <i>ii.</i> Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No

F. Additional Information

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

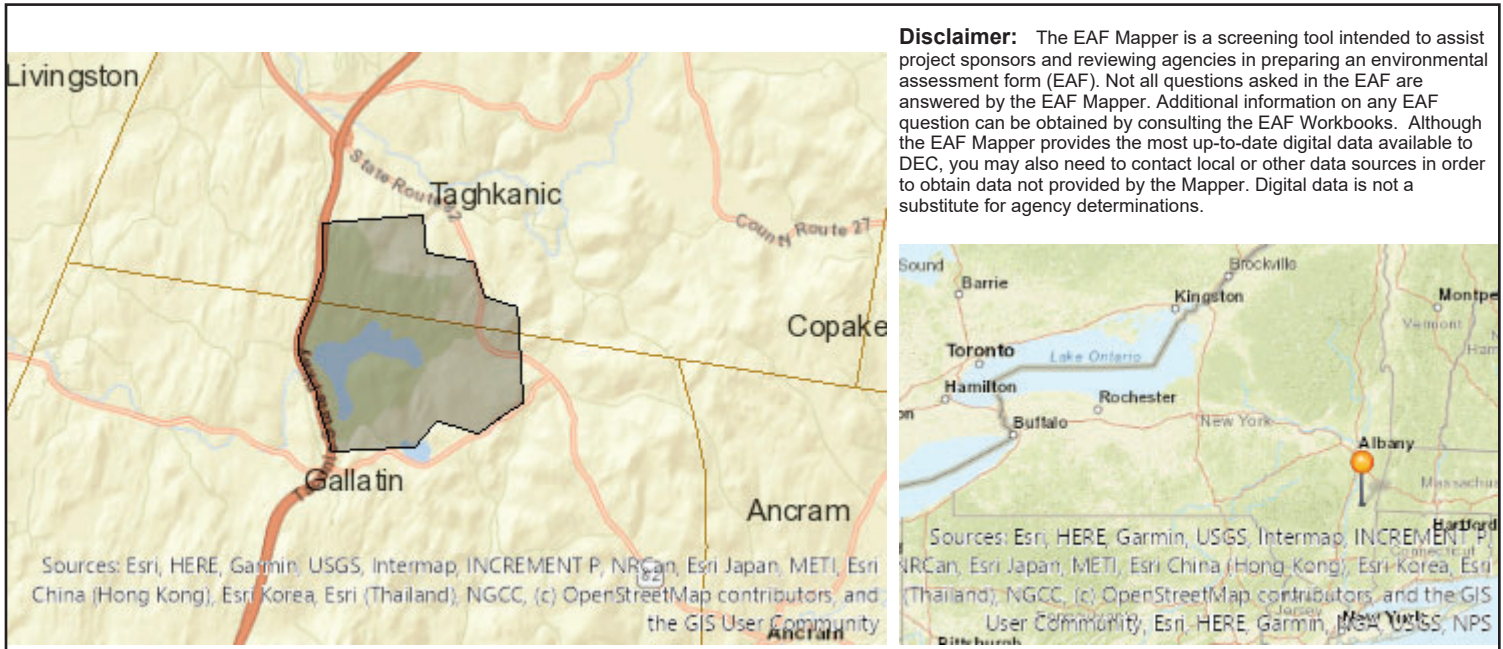
G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name Linda G. Cooper Date September 7, 2024

Signature Linda G Cooper Digitally signed by Linda G Cooper
Date: 2024.09.07 11:21:18 -0400 Title Regional Director - OPRHP Taconic Region

Prepared by: Daniel Lewis, OPRHP Environmental Analyst I



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.

B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	No
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Stream Name]	863-15, 863-20, 863-19, 863-436, 863-436.1, 863-18, 863-16
E.2.h.iv [Surface Water Features - Stream Classification]	C, C(T), C(TS), B(TS)
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters, NYS Wetland
E.2.h.iv [Surface Water Features - Wetlands Size]	NYS Wetland (in acres):42.6, NYS Wetland (in acres):36.1
E.2.h.iv [Surface Water Features - DEC Wetlands Number]	A-11, A-8
E.2.h.v [Impaired Water Bodies]	No

E.2.i. [Floodway]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.2.j. [100 Year Floodplain]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.2.k. [500 Year Floodplain]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.2.l. [Aquifers]	Yes
E.2.l. [Aquifer Names]	Principal Aquifer
E.2.n. [Natural Communities]	Yes
E.2.n.i [Natural Communities - Name]	Inland Poor Fen, Hemlock-Northern Hardwood Forest
E.2.n.i [Natural Communities - Acres]	0.33, 239.42
E.2.o. [Endangered or Threatened Species]	Yes
E.2.o. [Endangered or Threatened Species - Name]	Southern Swamp Buttercup
E.2.p. [Rare Plants or Animals]	Yes
E.2.p. [Rare Plants or Animals - Name]	New England Cottontail, Pleated-leaved Knotweed
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.

E.3.e.ii [National or State Register of Historic Places or State Eligible Sites - Name]	Eligible property:Wastewater Treatment Plant, Eligible property:Jaffe Property, Eligible property:Lake Taghkanic State Park, Eligible property:Pumphouse, Eligible property:Van Tassel farmhouse & outbuildings, ca. 1860, Eligible property:Superintendent's Cottage, Eligible property:East Bathhouse, Eligible property:Observation/Water Tower in Lake Taghkanic State Park, Eligible property:Public Restroom, Eligible property>Contact Station (south), Eligible property:Laundry building, Eligible property:Cabin 9, Eligible property:Cabin 6, Eligible property:Lot F Public Restroom, Eligible property:Cabin 16, Eligible property:Cabin 12, Eligible property:Cabin 11, Eligible property:Cottage 158, Eligible property:Quonset hut, Eligible property:Reesa Barn, Eligible property:Garage/Apartment, Eligible property:Electric car charging station, Eligible property:Stone culvert abutments, Eligible property:Boat Storage Garage, Eligible property:Cabin 3, Eligible property:Cabin 4, Eligible property:Cabin 7, Eligible property:Open Shed, Eligible property:Cottage 166, Eligible property:Boat Rental Building (west), Eligible property:Lot A Public Restroom, Eligible property:Cottage 159, Eligible property:East Beach Playground, Eligible property:Cottage 170, Eligible property:Ball field, Eligible property:Lake Taghkanic Cottage 165, Eligible property:Cottage 157, Eligible property>Contact station (north), Eligible property:Stone-faced culvert, Eligible property:Cottage 167, Eligible property:Cottage 164, Eligible property:Cottage 154, Eligible property:Lakeside picnic area, Eligible property:Cottage 160, Eligible property:State Park Police Station (North/Taconic Zone), Eligible property:Reesa House, Eligible property:Harder Pump House, Eligible property:West Beach Bathhouse/Park Offices, Eligible property:Lot E Public Restroom, Eligible property:Cottage 169, Eligible property:Park House, Eligible property:Cottage 155, Eligible property:Cottage 162, Eligible property:Camp Store (Former Nature Center), Eligible property:Maintenance Garage, Eligible property:Fuel Station, Eligible property:Booster Pump Station, Eligible property:Tool Shed, Eligible property:Lot B Restroom Building, Eligible property:Concrete steps and pipe railing, Eligible property:Lot E Picnic Pavilion, Eligible property:Cottage 171, Eligible property:Cottage 161, Eligible property:Basketball court, Eligible property:Playground, Eligible property:Cabin 14, Eligible property:Cabin 10, Eligible property:Storage tank, Eligible property:Tent platform (representative), Eligible property:Cabin 8, Eligible property:Cottage 168, Eligible property:Picnic area, Eligible property:Concrete steps, pipe railing and stone wall, Eligible property:Effluent Pumphouse, Eligible property:Cabin 2, Eligible property:Recreation Hall, Eligible property:Cabin 15, Eligible property:East Contact Station, Eligible property:Cabin 5, Eligible property:Storage Shed, Taconic State Parkway
E.3.f. [Archeological Sites]	No
E.3.i. [Designated River Corridor]	No

Lake Taghkanic State Park
Master Plan
Full Environmental Assessment Form Part 1 Notes

Note 1 – All proposed actions are conceptual. No new residential buildings are proposed. Two cottages, one lost to fire and one removed due to structural deficiencies, will be replaced in kind, in place. An additional existing cottage is proposed to be removed and replaced (in kind, in place) due to structural issues. Storm water off of the rebuilt cottages will be addressed. In addition, the Superintendent's house (Livingston Cottage / park residence by the East Maintenance area) is proposed to be rehabilitated for occupation. Existing sanitary system is too close to the lake shore. Occupation of the Superintendent's house will require the installation of a new sanitary system farther from the lake. Lastly, the residence on the newly acquired parcel at the Park's southeast corner will also be rehabilitated for occupation. The status of that structure's current on-site sanitary waste treatment system is unknown and may need to be replaced on-site.

Note 2- All proposed actions are conceptual. The proposed action includes new non-residential construction. Plan includes the possibility of relocating the maintenance facility to a new location, which would require the construction of a new maintenance facility. If relocated, existing buildings could be repurposed (boat storage), or removed as needed. In addition, relocation of the Park Police building to a new location would require the construction of a new building. A separate alternative is the remodeling of the existing Park Police building in its current location. Lastly, both Park Police office options may be pursued, remodeling the existing building now and construction of a new building later with repurposing of the existing building for storage or other Park Police uses. Both a new Park police office and new maintenance buildings are likely to have similar footprints compared to other park buildings. Neither new Park Police nor maintenance buildings would be more than one story. Although, a one-story maintenance building would be taller than traditional one-story buildings, to accommodate maintenance equipment. Both new buildings would create additional space to be heated and cooled. Both new buildings would create stormwater that would need to be addressed. Lastly, the existing storage Quonset hut is deteriorated. It is proposed to be replaced (in place) with a new storage building that will be similar in size. Storm water from this new building would not be an increase over existing but could still be addressed.

Note 3 - All proposed actions are conceptual. Currently there is a public boat launch east of the maintenance facility at the end of a 260' x 50' channel. Boats are small and without much draft. Spot dredging is required as lake sediment builds up in the channel. If the boat launch remains at this site, the need to spot dredge will continue. Dredged volumes are so minimal that deposition along the shoreline (above top of bank) has been adequate disposal. Dredged material is mostly sand although occasionally SAV is removed. Boat usage in the channel normally prevents significant growth of SAV. Pore water normally returns to the lake prior to deposition. Any remaining water sheet flows back to the lake. Return water volume and velocity is so minimal that erosion has not been identified. Relocating the boat launch to the front of the channel has been proposed. Small amounts of dredging will be required to install the launch and spot dredging will still be needed directly in front of the launch to maintain access. Material, deposition and dewatering will be similar between the dredge locations.

Note 4 - All proposed actions are conceptual. The proposed action may cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area. Currently, several conceptual proposed actions would involve work at the shoreline of Lake Taghkanic or in the immediately adjacent waters of the lake. Potential actions include construction

of docks / fishing piers and new boat launches. See Note 3, above, regarding dredging. Additionally, new trails may intersect surface water features. Trail crossings may include stepping stones, small bridges or culverted crossings. Lastly, new trails may intersect wetland areas. Bog bridges or more permanent boardwalks may be used to cross wetlands. These actions may minimally impact bottom sediments and / or aquatic vegetation. Pesticide use for these projects is not likely.

Note 5 – All proposed actions are conceptual. The proposed actions may require an increase in potable water use. Expansion of park facilities, including new buildings, expanded campgrounds and increase amenities may use additional water. Park water is from multiple sources, but primarily from the lake. Expansion of the Park's ability to produce potable water from the lake is a proposed alternative. Improvements to potable water infrastructure will account for predicted need / increases in use. No water comes from municipal sources. No changes to municipal sources / infrastructure are required. The other sources of potable water are 5 active wells: West Bathhouse winter well, Recreation Hall winter well, Maintenance Shop / East Park Residence shared well, Parkway Garage / Park Police shared well and the West Park Residence well. The maintenance area, if relocated, would need a new well. The existing well would remain for the East Park Residence. The East Bathhouse has water service from the main water distribution system, but would need a new well if used year-round. There is one inactive well in the vicinity of the West Park Residence, but that well would need rehabilitation to be put back in to service.

Note 6 – All proposed actions are conceptual. The proposed actions may result in an increase in wastewater generated. Expansion of park facilities, including new buildings, expanded campgrounds and increase amenities may create additional wastewater. Currently, wastewater is treated at multiple locations throughout the park. Individual restrooms and shower facilities have septic tanks that discharge to leaching fields. Two buildings (Park Police Office and Carpenter Shop) have holding tanks that get pumped as needed. Waste from the West side facilities (West Beach Bathhouse, Park Manager residence, laundry, restrooms and cottages) all get treated and discharge to Doove Kill, which leaves the Park. New maintenance facility, rehabilitated Superintendent's house and rehabilitated East Beach Bathhouse will all require new on-site sanitary systems that will discharge to ground. Systems will be sized appropriately. Any improvements to the west side will be added to the treatment that discharges to Doove Kill. That treatment facility has the capacity to accept additional waste. All discharges will be reviewed and permitted by NYS DEC and local municipalities (as needed). No wastewater is sent to municipal treatment infrastructure. No changes to municipal infrastructure are required.

Note 7 - All proposed actions are conceptual. The proposed action may disturb more than one acre and create stormwater runoff. Cumulatively, the proposed actions are likely to disturb more than one acre. Individually, some projects may disturb more than one acre. Some projects propose increases in impervious surfaces. Projects that result in increases in stormwater runoff will direct that water to stormwater treatment, with the potential creation of infiltration basins, bioswales or similar. Proposed actions will use pervious materials when appropriate. No storm water will be directed off site. Currently, storm water off of the main park road discharges at multiple locations with the lake being the final destination. However, there is usually significant vegetated areas between the road and the lake that allow for complete infiltration of small rain events and some infiltration and retention before discharge to the lake for bigger rainfall events. If new stormwater is to be directed to the lake or other surface waters, it will receive treatment before discharge.

Note 8 - All proposed actions are conceptual. Some of the proposed actions may create noise above ambient levels during construction. Noises will be limited to standard construction noise related to large

equipment. Those noises will be restricted in location and duration and will be temporary. Removal of screening vegetation is likely to be minimal to none. No construction noise is likely to be heard beyond the park boundary.

Note 9 - All proposed actions are conceptual. Currently, exterior lights at the Park Police Office, West Beach Bathhouse and campground restrooms stay on all night. Those lights will be retrofit with dark sky compliant fixtures. Some new structures, including the improved parking lot, maintenance facility, or Park Police building may have external lights associated with them. Those lights may be left on all night, as needed. New lights will be dark sky compliant. Removal of screening vegetation is likely to be minimal to none. No new light sources are likely to be seen beyond the park boundary.

Note 10 - All proposed actions are conceptual. Some of the proposed actions may create odor above ambient levels during construction. Odors will be limited to standard construction equipment and construction materials. Those odors will be restricted in location and duration and will be temporary. No construction odor is likely to be detected beyond the park boundary.

Note 11 – Currently, there are three fuel storage tanks greater than 185 gallons. The Park maintains 2 fueling tanks for park vehicles at the maintenance facility, one gasoline and one diesel. Both tanks are 500 gallons. If the maintenance facility is relocated it is likely to be located adjacent to these fuel pumps. No changes to these tanks are proposed, either way. The park has one a residential sized oil tank (200 gallons) for furnace heating fuel at the Carpenter Shop. No proposed actions impact the Carpenter Shop. No new tanks are proposed.

Note 12 - There is an existing landfill on site. The landfill has not been used since the 1980s. The landfill had accepted standard daily operational waste from the park (camper's and patron's trash) and some construction debris. The landfill will be officially decertified, a process requiring a closure plan and approval from NYS DEC. Landfill will be cleared of vegetation and capped, and monitoring wells will be installed. A perimeter swale will move storm water away from the landfill. Cap will be surfaced with herbaceous species which will be mowed regularly to prevent woody debris from growing and damaging the cap. No other proposed actions occur at the landfill, except for continued maintenance removal of vegetation and any invasive species control, as needed.

Note 13 – No remediated sites, or RCRA corrective activities, were identified within 2,000 feet of the park on the NYS DEC's Info Locator website. One spill was identified using the NYS DEC Spill Incidents Database (Spill # 9315138). However, information on that spill is sparse. Spill was of an unknown volume of gasoline on 3/24/1994. At some point treatment was set up on site such that filtered discharge was included on the Park's SPDES permit. A review of that permit indicates that the spill was on the west side of the lake as that is where the SPDES permit shows the discharge. DEC records indicate that the incident was closed on 9/29/2000. No identifiable infrastructure, of the treatment or discharge, remains. No records of any institutional control limits have been identified.

Note 14 – USDA Web Soil Survey results identify:

E.2.a. - 53.4% of the soil has a shallow depth to bedrock at 43 centimeters. The remainder has a deeper depth to bed rock shown as > 200 centimeters.

E.2.b. (not from WSS) – Significant bedrock outcroppings occur on site. A survey for outcroppings across the 1,700 acre site has not been completed.

E.2.c. - Nassau channery silt loam, hilly, very rocky (NbD, 26.4%), Nassau channery silt loam, rolling, very rocky (NbC, 16.2%), Nassau channery silt loam, steep, very rocky (NbE, 10.8%).


E.2.d. – Depth to water table is quite variable across the 31 soil types present. Any average would provide meaningless information. A table with the depth to water table data by soil type and acreage is attached.

E.2.e. - Nassau channery silt loam, hilly, very rocky (26.4%) - **somewhat excessively drained**, Nassau channery silt loam, rolling, very rocky (16.2%) - **somewhat excessively drained**, Nassau channery silt loam, steep, very rocky (10.8%) - **somewhat excessively drained**.

E.2.f. – Slope is quite variable across the 31 soil types present. Any average would provide meaningless information. A table with slope data by soil type and acreage is attached.








MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils







Soil Rating Polygons


-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available

Soil Rating Lines

-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200
-  Not rated or not available

Soil Rating Points






-  0 - 25
-  25 - 50
-  50 - 100
-  100 - 150
-  150 - 200
-  > 200

 Not rated or not available


Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Columbia County, New York
Survey Area Data: Version 19, Sep 5, 2023

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Aug 15, 2021—Nov 8, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Depth to Water Table

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
Ad	Alden mucky silt loam	0	10.4	0.6%
BeB	Bernardston silt loam, 3 to 8 percent slopes	54	23.4	1.3%
BeC	Bernardston silt loam, 8 to 15 percent slopes	54	30.6	1.6%
BeD	Bernardston silt loam, 15 to 25 percent slopes	54	40.9	2.2%
BeE	Bernardston silt loam, 25 to 35 percent slopes	54	12.4	0.7%
BIC	Blasdell channery loam, rolling	>200	24.5	1.3%
BID	Blasdell channery loam, hilly	>200	22.3	1.2%
Ca	Canandaigua silt loam	0	29.0	1.6%
Cc	Catden muck, 0 to 2 percent slopes	0	39.8	2.1%
Ce	Castile gravelly silt loam	54	0.5	0.0%
Fr	Fredon silt loam	15	7.3	0.4%
GaC	Georgia silt loam, 8 to 15 percent slopes	69	0.3	0.0%
Ha	Halsey mucky silt loam	8	5.8	0.3%
HoC	Hoosic gravelly sandy loam, rolling	>200	12.4	0.7%
HoD	Hoosic gravelly sandy loam, hilly	>200	7.9	0.4%
HpE	Hoosic and Blasdell soils, steep	>200	1.6	0.1%
Ln	Limerick silt loam	23	40.4	2.2%
MsB	Massena silt loam, 3 to 8 percent slopes	31	0.1	0.0%
NbC	Nassau channery silt loam, rolling, very rocky	>200	301.3	16.2%
NbD	Nassau channery silt loam, hilly, very rocky	>200	490.2	26.4%
NbE	Nassau channery silt loam, steep, very rocky	>200	200.9	10.8%
NcA	Natchaug muck, 0 to 2 percent slopes	0	15.6	0.8%

Map unit symbol	Map unit name	Rating (centimeters)	Acres in AOI	Percent of AOI
PtB	Pittstown silt loam, 3 to 8 percent slopes	69	13.9	0.7%
PtC	Pittstown silt loam, 8 to 15 percent slopes	69	50.3	2.7%
PuB	Punsit silt loam, 3 to 8 percent slopes	31	31.4	1.7%
StB	Stockbridge silt loam, 3 to 8 percent slopes	>200	2.3	0.1%
StC	Stockbridge silt loam, 8 to 15 percent slopes	>200	129.0	7.0%
StD	Stockbridge silt loam, 15 to 25 percent slopes	>200	39.1	2.1%
StE	Stockbridge silt loam, 25 to 35 percent slopes	>200	10.0	0.5%
Sw	Sun silt loam	0	31.9	1.7%
Ue	Udorthents, smoothed	137	32.8	1.8%
W	Water	>200	197.1	10.6%
Totals for Area of Interest			1,855.4	100.0%

Description

"Water table" refers to a saturated zone in the soil. It occurs during specified months. Estimates of the upper limit are based mainly on observations of the water table at selected sites and on evidence of a saturated zone, namely grayish colors (redoximorphic features) in the soil. A saturated zone that lasts for less than a month is not considered a water table.

This attribute is actually recorded as three separate values in the database. A low value and a high value indicate the range of this attribute for the soil component. A "representative" value indicates the expected value of this attribute for the component. For this soil property, only the representative value is used.

Rating Options

Units of Measure: centimeters

Aggregation Method: Dominant Component

Component Percent Cutoff: None Specified

Tie-break Rule: Lower

Interpret Nulls as Zero: No

Beginning Month: January

Ending Month: December

Lake Taghkanic
Grade by Soil Type

Type	% cover	% slope
Ad	0.6	0-3
BeB	1.3	3-8
BeC	1.6	8-15
BeD	2.2	15-25
BeE	0.7	25-35
BiC	1.3	5-15
BiD	1.2	10-30
Ca	1.6	0-3
Cc	2.1	0-1
Ce	0.0	0-3
Fr	0.4	0-3
GaC	0.0	8-15
Ha	0.3	0-3
HoC	0.7	6-16
HoD	0.4	15-30
HpE	0.1	25-35
Ln	2.2	0-3
MsB	0.0	3-8
NbC	16.2	6-16
NbD	26.4	16-30
NbE	10.8	25-35
NcA	0.8	0-2
PtB	0.7	3-8
PtC	2.7	8-15
PuB	1.7	3-8
StB	0.1	3-8
StC	7.0	8-15
StD	2.1	15-25
StE	0.5	25-35
Sw	1.7	0-3
Ue	1.8	0-3
W	10.6	0

Full Environmental Assessment Form
Part 2 - Identification of Potential Project Impacts

Agency Use Only [If applicable]
Project : Lake Taghkanic SP Master Plan
Date : 11/1/2024

Part 2 is to be completed by the lead agency. Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency's reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

If the lead agency is a state agency **and** the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

Tips for completing Part 2:

- Review all of the information provided in Part 1.
- Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer “**Yes**” to a numbered question, please complete all the questions that follow in that section.
- If you answer “**No**” to a numbered question, move on to the next numbered question.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box “Moderate to large impact may occur.”
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the “whole action”.
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

1. Impact on Land Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1) <i>If “Yes”, answer questions a - j. If “No”, move on to Section 2.</i>				<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur		
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
h. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>		

2. Impact on Geological Features

The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g)

NO

YES

If "Yes", answer questions a - c. If "No", move on to Section 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached: _____ _____	E2g	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	<input type="checkbox"/>	<input type="checkbox"/>
c. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

3. Impacts on Surface Water

The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h)

NO

YES

If "Yes", answer questions a - l. If "No", move on to Section 4.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D2b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E2h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D2e	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	<input type="checkbox"/>	<input checked="" type="checkbox"/>
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	<input type="checkbox"/>	<input checked="" type="checkbox"/>

I. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>
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4. Impact on groundwater NO YES

The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t)
If "Yes", answer questions a - h. If "No", move on to Section 5.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.	D2c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____	D2c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D2c, E1f, E1g, E1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	E2h, D2q, E2l, D2c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

5. Impact on Flooding NO YES

The proposed action may result in development on lands subject to flooding. (See Part 1. E.2)
If "Yes", answer questions a - g. If "No", move on to Section 6.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in development within a 100 year floodplain.	E2j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in development within a 500 year floodplain.	E2k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	<input checked="" type="checkbox"/>	<input type="checkbox"/>

g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>
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6. Impacts on Air			
The proposed action may include a state regulated air emission source. (See Part 1. D.2.f., D.2.h, D.2.g) <i>If "Yes", answer questions a - f. If "No", move on to Section 7.</i>		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels: i. More than 1000 tons/year of carbon dioxide (CO ₂) ii. More than 3.5 tons/year of nitrous oxide (N ₂ O) iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs) iv. More than .045 tons/year of sulfur hexafluoride (SF ₆) v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions vi. 43 tons/year or more of methane	D2g D2g D2g D2g D2g D2h	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	<input type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

7. Impact on Plants and Animals			
The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) <i>If "Yes", answer questions a - j. If "No", move on to Section 8.</i>		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p	<input checked="" type="checkbox"/>	<input type="checkbox"/>

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: <u>NY Natural Heritage</u>	E2n	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____ ~20 acres of previously farmed land, now meadow, may be allowed to revert to forest.	E1b	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	<input type="checkbox"/>	<input checked="" type="checkbox"/>
j. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

8. Impact on Agricultural Resources			
The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.)		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
<i>If "Yes", answer questions a - h. If "No", move on to Section 9.</i>			
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, E1b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District.	E1b, E3a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	E1 a, E1b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____		<input type="checkbox"/>	<input type="checkbox"/>

9. Impact on Aesthetic Resources The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.) <i>If "Yes", answer questions a - g. If "No", go to Section 10.</i>			
		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	<input type="checkbox"/>	<input type="checkbox"/>
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile 1/2 -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	<input type="checkbox"/>	<input type="checkbox"/>
g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

10. Impact on Historic and Archeological Resources The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.) <i>If "Yes", answer questions a - e. If "No", go to Section 11.</i>			
		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	E3e	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: _____	E3g	<input checked="" type="checkbox"/>	<input type="checkbox"/>

d. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>
e. If any of the above (a-d) are answered “Moderate to large impact may occur”, continue with the following questions to help support conclusions in Part 3:			
i. The proposed action may result in the destruction or alteration of all or part of the site or property.	E3e, E3g, E3f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii. The proposed action may result in the alteration of the property’s setting or integrity.	E3e, E3f, E3g, E1a, E1b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E3e, E3f, E3g, E3h, C2, C3	<input checked="" type="checkbox"/>	<input type="checkbox"/>

11. Impact on Open Space and Recreation			
The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. (See Part 1. C.2.c, E.1.c., E.2.q.) <i>If “Yes”, answer questions a - e. If “No”, go to Section 12.</i>		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or “ecosystem services”, provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

12. Impact on Critical Environmental Areas			
The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d) <i>If “Yes”, answer questions a - c. If “No”, go to Section 13.</i>		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	<input type="checkbox"/>	<input type="checkbox"/>
c. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

13. Impact on Transportation
 The proposed action may result in a change to existing transportation systems. NO YES
 (See Part 1. D.2.j)
If "Yes", answer questions a - f. If "No", go to Section 14.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action will degrade existing transit access.	D2j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

14. Impact on Energy
 The proposed action may cause an increase in the use of any form of energy. NO YES
 (See Part 1. D.2.k)
If "Yes", answer questions a - e. If "No", go to Section 15.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D1f, D1q, D2k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. Other Impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

15. Impact on Noise, Odor, and Light
 The proposed action may result in an increase in noise, odors, or outdoor lighting. NO YES
 (See Part 1. D.2.m., n., and o.)
If "Yes", answer questions a - f. If "No", go to Section 16.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may produce sound above noise levels established by local regulation.	D2m	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D2m, E1d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in routine odors for more than one hour per day.	D2o	<input checked="" type="checkbox"/>	<input type="checkbox"/>

d. The proposed action may result in light shining onto adjoining properties.	D2n	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

16. Impact on Human Health

The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.)
If "Yes", answer questions a - m. If "No", go to Section 17.

NO

YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	E1d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E1g, E1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).	E1g, E1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E1g, E1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D2t	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E1f, E1g E1h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	<input checked="" type="checkbox"/>	<input type="checkbox"/>
m. Other impacts: <u>Pesticide Use</u> _____		<input type="checkbox"/>	<input checked="" type="checkbox"/>

17. Consistency with Community Plans

The proposed action is not consistent with adopted land use plans.
 (See Part 1. C.1, C.2. and C.3.)
 If “Yes”, answer questions a - h. If “No”, go to Section 18.

NO

YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action’s land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C2	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C3, D1c, D1d, D1f, D1d, E1b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d D2j	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	<input type="checkbox"/>	<input type="checkbox"/>
h. Other: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

18. Consistency with Community Character

The proposed project is inconsistent with the existing community character.
 (See Part 1. C.2, C.3, D.2, E.3)
 If “Yes”, answer questions a - g. If “No”, proceed to Part 3.

NO

YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E3e, E3f, E3g	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C2, C3, D1f D1g, E1a	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	<input type="checkbox"/>	<input type="checkbox"/>
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	<input type="checkbox"/>	<input type="checkbox"/>
g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

Project :

Date :

Full Environmental Assessment Form
Part 3 - Evaluation of the Magnitude and Importance of Project Impacts
and
Determination of Significance

Part 3 provides the reasons in support of the determination of significance. The lead agency must complete Part 3 for every question in Part 2 where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.

Based on the analysis in Part 3, the lead agency must decide whether to require an environmental impact statement to further assess the proposed action or whether available information is sufficient for the lead agency to conclude that the proposed action will not have a significant adverse environmental impact. By completing the certification on the next page, the lead agency can complete its determination of significance.

Reasons Supporting This Determination:

To complete this section:

- Identify the impact based on the Part 2 responses and describe its magnitude. Magnitude considers factors such as severity, size or extent of an impact.
- Assess the importance of the impact. Importance relates to the geographic scope, duration, probability of the impact occurring, number of people affected by the impact and any additional environmental consequences if the impact were to occur.
- The assessment should take into consideration any design element or project changes.
- Repeat this process for each Part 2 question where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.
- Provide the reason(s) why the impact may, or will not, result in a significant adverse environmental impact
- For Conditional Negative Declarations identify the specific condition(s) imposed that will modify the proposed action so that no significant adverse environmental impacts will result.
- Attach additional sheets, as needed.

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: Type 1 Unlisted

Identify portions of EAF completed for this Project: Part 1 Part 2 Part 3

Upon review of the information recorded on this EAF, as noted, plus this additional support information

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the _____ as lead agency that:

A. This project will result in **no** significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.

B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency:

There will, therefore, be no significant adverse impacts from the project as conditioned, and, therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.7(d)).

C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.

Name of Action:

Name of Lead Agency:

Name of Responsible Officer in Lead Agency:

Title of Responsible Officer:

Signature of Responsible Officer in Lead Agency:

Linda G. Cooper

Date: *5/27/2025*

Signature of Preparer (if different from Responsible Officer)

Daniel Lewis

Date:

For Further Information:

Contact Person:

Address:

Telephone Number:

E-mail:

For Type 1 Actions and Conditioned Negative Declarations, a copy of this Notice is sent to:

Chief Executive Officer of the political subdivision in which the action will be principally located (e.g., Town / City / Village of)

Other involved agencies (if any)

Applicant (if any)

Environmental Notice Bulletin: <http://www.dec.ny.gov/enb/enb.html>

Most of the physical disturbance proposed in the Master Plan (Plan) for Lake Taghkanic State Park (LTSP) will take place in areas that are already developed or otherwise previously disturbed. The Plan seeks to provide improvements and additional protections for the Park's existing natural, historic, cultural, and recreational resources. Planning for proposed new and updated or expanded facilities in the Park avoids sensitive natural and cultural resources, to the extent practicable. The Plan minimizes disturbance by retrofitting or repurposing existing infrastructure where feasible. In addition to park facilities improvements, the plan proposes new trail routes, the closure of unsustainable trails, the creation of new, relevant educational content, additional habitat protection strategies, and expanded invasive species management through partnerships with community organizations. See complete list of proposed actions in Appendix B. Minor impacts have been identified, as discussed throughout this document, and have been minimized as noted.

Bold text below is copied word for word from the questions listed in the FEEAF Part 2 and do not represent potential impacts associated with the proposed actions. The following plain text is OPRHP's response to the question and does represent anticipated potential impacts.

1. Impact on Land - Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. The Plan provides a framework for improvements to existing facilities, programs, and access. Implementation of the Plan will result in some physical change to the land, particularly during trail construction, and relocation of the maintenance facility. Consideration for the additional protection of the Park's sensitive natural resources is reflected in the planning process and the proposed actions.

Overall, most of the Park will remain as it currently is. The following is a discussion of projects and actions proposed in the Plan and their potential impact on the land.

Impacts to land will occur where the Plan calls for new or redeveloped facilities. Those proposed in the Plan (list not inclusive) include upgrades to the electric, communication and potable water systems, stormwater management improvements, replacing pavements for increased accessibility, expansion of the campground, new RV camping, construction of a new boat launch and new fishing dock, relocation of a maintenance facility and Park Police office, upgrade, replace or install new on-site wastewater treatment facilities, improved trailhead parking, repair and maintenance of existing trails, and a proposed shared-use path and interpretive trail.

Proposed redevelopment of these park amenities and infrastructure will require some grading and land disturbance; however, disturbance will be minimized by site-specific designs of these facilities to accommodate existing grade levels and natural drainage where possible. Best management practices will be utilized to prevent impacts to adjacent areas. Careful site-specific design will be applied to all new facilities to minimize the potential for erosion.

Potential impacts on land would also result from the construction of new trails and improvements to existing trails. The net result of these activities will be minimal. The length of the proposed shared-use trail will be approximately 0.5 miles and will replace the wet, underutilized trails that will be removed from the trail network. The shared used trail will have a maximum tread width of 10 feet. Some trees and understory vegetation will need to be removed for trail construction, and there will be a very minor increase in impervious surfaces. The design of the shared-use trail will take place at a later date and its

surfacing material and grading requirements have yet to be determined. Existing lightly used or wet trails will be closed and left to reclaim themselves which will reduce impacts to land within the site. Approximately 0.75 miles (3950 linear feet) of trails will be removed while approximately 1.25 miles (6600 linear feet) of new trails have been proposed (not including the 0.5 miles of accessible trail noted above). See Figure 12. Additional trails are proposed in the Plan but their lengths are not included here as those trails are still conceptual and viable routes haven't yet been identified. The proposed new trail additions will be constructed to OPRHP standards for primitive hiking trails with a maximum tread width of 3 feet.

The impacts of trail construction projects will vary based on the proposed uses, proposed surfacing, and location with respect to steep slopes and waterbodies. Stormwater runoff from additional impervious surfaces is expected to be minor. Best management practices will be used to minimize movement of sediment from the site during construction and over the life of the trail. Land disturbance will be limited to the required width of the trail corridor. Trail construction will follow the policies and guidelines for trail building that have been established by recognized trail organizations and government agencies. Proper design will shed stormwater from the trails and allow it to infiltrate within the forested or grass shoulders to the trails. Adherence to these guidelines will ensure that work is completed in a manner that maximizes the protection of resources. Trail alignments will be planned very carefully for grades, accessibility, surfacing, minimum required width to the extent practicable, and providing appropriate viewpoints and access to Park resources while protecting highly sensitive areas. Signage may be installed to help educate patrons about the need for protection of resources. Coordination with the region's trail coordinator for trail design will assist in minimizing potential impacts as well.

a. The proposed action may involve construction on land where depth to water table is less than 3 feet. According to the Web Soil Survey, approximately 22% of the Park has relatively shallow ground water (excluding surface waters). No construction requiring significant excavation will be undertaken in locations with shallow ground water. No structures with significant subsurface requirements (basements, crawl spaces, or storage tanks) will be installed in those locations. If needed, proposed actions will be relocated to avoid shallow groundwater.

b. The proposed action may involve construction on slopes of 15% or greater. According to the Web Soil Survey, approximately 44% of the Park has slopes greater than 15%. For the most part, the existing infrastructure is not located in these areas. Proposed actions will occur in areas that are already developed or previously disturbed and have slopes less than 15%. In general, the only proposed actions that may intersect with areas of steep slopes are sections of hiking trails. Trail creation in steep areas will be a small fraction of overall trail work. Following proper trail development guidelines will help minimize the potential for land slippage, erosion, and stormwater damage from this trail work. If needed, proposed actions will be relocated to avoid steep slopes.

c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface. Significant exposed bedrock exists on site. Exposed bedrock can be an aesthetic attraction to patrons. Park amenities that benefit from the scenic nature of the exposed rock already exist, such as trail sections and lakeside picnic facilities. According to the Web Soil Survey, approximately 53% of the Park has shallow depth to bedrock. For the most part, the existing infrastructure is not located in areas with significantly shallow soils or exposed bedrock. Proposed actions will occur in areas that are already developed or previously disturbed and have minimal exposed bedrock / shallow soils. New trails may be located to take advantage of exposed bedrock resources. No new septic systems, basements or other significant sub-surface work are proposed in areas with shallow soils. If needed, proposed actions will be relocated to avoid shallow soils / bedrock. If stormwater is to

be infiltrated in areas with shallow soils those facilities will be designed to meet the NYS DEC Stormwater Design Manual guidelines.

d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material. Not applicable.

e. The proposed action may involve construction that continues for more than one year or in multiple phases. The Master Plan document is typically relevant for a for a period of 20 years. Projects will be undertaken as funding and staff time allow over multiple years. Projects are distributed across a large park and impacts from concurrent or multiple projects will not be acutely observable by park patrons.

f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides). Proposed actions will occur in areas that are already developed or previously disturbed, and with relatively shallow slopes. Erosion and sediment control and other best management practices will be employed, as needed, to prevent loose soil from leaving project areas or reaching sensitive areas. Measures to be used will include minimizing soil disturbance and vegetation removal, installing silt fencing and straw bales where needed, preserving vegetated buffers, and seeding and mulching disturbed areas as soon as possible following work. New plantings with native species may also be used for aesthetics, shade, and soil stabilization.

g. The proposed action is, or may be, located within a Coastal Erosion hazard area. Not applicable.

Section Summary: Site planning has located proposed actions in areas of minimal concern. The majority of projects will not be located where shallow soils, shallow depth to ground water or steep slopes will be impacted. The primary exception is trail projects. Any projects that will disturb one acre or more will be subject to the State Pollution Discharge Elimination System (SPDES) General Permit process. This process includes the development of a site-specific Stormwater Pollution Prevention Plan (SWPPP) and sedimentation and erosion control plans. Best management practices, as described in the [New York State Standards and Specifications for Erosion and Sediment Control](#), will be used to reduce impacts to soils on the project sites or to adjacent resources.

No significant impacts on land will occur.

2. Impact on Geological Features - The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). The site has no unique or unusual landforms, or National Natural Landmarks.

No impacts on geological features will occur.

3. Impact on Surface Water - The proposed action may affect one or more wetlands or other surface waterbodies (e.g., streams, rivers, ponds or lakes). Increased stormwater runoff can affect surface waters such as streams and ponds by increasing the sediment load and introducing pollutants carried by the runoff. Stormwater can also cause erosion and changes to stream habitats. This has a direct effect

on the biodiversity of the stream and its corridor. Stormwater runoff is increased by the addition of impervious surfaces such as building roofs, roadways, trails, and parking lots.

New pavement proposed in the Plan includes green design that will be utilized for new construction as much as possible. New construction will generate additional stormwater runoff. That water will be addressed by infiltration, vegetative filtering and retention prior to reaching surface water. All stormwater infrastructure will meet the NYS DEC Stormwater Design Manual guidelines.

Proposed new trails have the potential to impact water resources in the Park. Proper trail construction techniques will be utilized wherever possible to remediate these potential impacts. Proposed trail areas that require more than routine tread work and clearing will be identified through the approval process described in the Plan and remedies, such as construction of culverts, bridges, or boardwalks, will be planned in consultation with park and regional staff. Regional staff will review proposals and consult with NYS Department of Environmental Conservation and/or the US Army Corps of Engineers as appropriate for any permitting requirements. It is not expected that any new or rerouted natural surface trails will have a significant impact on water quality. Stormwater from paved multi-use trails will be addressed and treated (e.g., bioswales, infiltration) prior to reaching surface waters. During field layout of trails, the agency will attempt to minimize stream crossings to the extent possible and retain a vegetated buffer between new trails and waterbodies. All new trail work will be designed to control stormwater and minimize erosion.

Proper drainage design, porous pavement, and vegetated drainage swales will be used where applicable to help mitigate water quality impacts from runoff following storm events. Where feasible, green infrastructure (GI) will prevent runoff from entering the Lake around the parking lot and any new construction near the lake shore. Protective actions such as riparian stabilization and right-sizing culverts will help to protect water quality and reduce erosion.

A number of small wetlands and streams exist on site. Proposed actions have been located to avoid these resources and maintain large buffers to these resources. Trail work is an exception and mitigation as described above will be included in any trail work.

a. The proposed action may create a new waterbody. Not applicable.

b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water. Not applicable.

c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or waterbody. Although very conceptual, a new boat launch may require dredging sediment from Lake Taghkanic. An area 20 feet along the shore by 30 feet out from the shore would require some grading and dredging to provide appropriate access to the new boat launch. Volume estimates are not possible at this time, although they will be significantly less than 100 cubic yards. Spot dredging for access to the existing boat launch is ongoing, as needed, and results in de minimis amounts of excavated sediment. Removed material is primarily sand with small amounts of submerged aquatic vegetation. Spot dredging for any new boat launch may be required. Regardless, any area of new dredging will be surveyed for rare, threatened, or endangered species. Sediments to be removed will be analyzed for contaminants,

as required. Approvals for disposal of sediments will be obtained from NYS DEC, as needed. Appropriate turbidity control will be employed. Disturbance of habitat has been minimized.

d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other waterbody. The Plan has several proposed actions intending to help patrons access aquatic resources including a new ADA kayak and boat launch and an ADA fishing pier. Planning and design will assure minimal impact to aquatic resources and shorelines, as feasible. In addition, new trail sections may intersect with aquatic resources. Prior to construction, work areas within the lake will be surveyed for rare, threatened, or endangered species. Minimal loss of habitat will occur. Proper sedimentation and turbidity control will be employed, as needed to prevent the movement of suspended sediment. Proper trail construction techniques will be employed to minimize impacts at any stream crossing. All required permits will be obtained, and all permit conditions will be followed.

e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediment. Site selection, erosion, sediment and turbidity controls and other best management practices will be employed, as needed, to minimize impacts of sediments to surface waters.

f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water. The Park currently obtains its primary potable water from the lake through an intake and treatment facility on the northern shoreline. Improvements to amenities, include the creation of a RV camping area (with potable water hookup) may require additional potable water. No net increase in parking is proposed, so daily increases in usage will not be significant. Proposed increases to the Park's potable water quantity may require additional intakes. The current intake is not considered high volume and significant entrainment and impingement (the processes where aquatic life is drawn into the treatment plant or trapped on the intake screens) is not known to occur. No significant impacts on lake water level have occurred. Any new intake will not be a significant change in intake volume or velocity. Proposed intake is a negligible fraction of available lake water.

g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s). No wastewater outfalls to the lake exist. No wastewater outfalls to the lake are proposed. Wastewater for facilities on the west side of the lake is treated and discharged to the Doove Kill, which flows from the lake. All other onsite wastewater treatment discharges either to ground or to holding tanks. Any new wastewater treatment for facilities not on the west side of the lake will discharge to ground. Improvements on the west side of the lake may require additional connections to the west side treatment facility, resulting in increased discharge to the creek. The existing west side facility has the capacity to accept additional waste and still produce effluent that meets NYS DEC discharge requirements. West side wastewater treatment will receive maintenance and replacement of components, as needed. Replacement of components will not reduce or increase the facility's capacity. Any change in discharge will be reviewed and permitted by NYS DEC, and will meet all discharge limits.

h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving waterbodies. Site selection, erosion, sediment and turbidity controls and other best management practices will be employed, as needed, to minimize impacts of stormwater and sediments on receiving waters. Redesign and resurfacing of the

parking lot will reduce stormwater flow to the lake and treat stormwater before any reaches the lake. Reduction of volume reaching the lake and treatment will be accomplished by vegetated infiltration basins and swales, permeable pavement, and regrading (or similar).

i. The proposed action may affect the water quality of any waterbodies within or downstream of the site of the proposed action. Site selection, erosion, sediment and turbidity controls and other best management practices will be employed, as needed, to minimize impacts of stormwater and sediments on water quality in any waterbody.

j. The proposed action may involve the application of pesticides or herbicides in or around any waterbody. Control of invasive species may require the use of pesticides. All products will be NY state registered and applied by a certified applicator. All label restrictions will be followed, including temporarily halting water withdrawals. Upland application will use best management practices to prevent any product from reaching surface waters. All applications will be the minimal amount of product required to achieve the control and all applications will be targeted.

k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities. See 3.g. above and 4.d. below.

Section Summary: No projects in the Master Plan will have a significant detrimental impact on water quality in any of the wetlands and waterbodies in the Park. Actions are proposed that will improve water quality and waterbody function. Erosion, sediment, and turbidity controls will be installed as needed during construction. Actions within or adjacent to surface waters are small in scale. No new buildings or facilities are proposed in flood-prone areas within the Park. An erosion control plan will be prepared for all proposed construction projects that have the potential to disturb soils or result in erosion. Any projects that will disturb one acre or more will be subject to the State Pollution Discharge Elimination System (SPDES) General Permit process. This process includes the development of a site-specific Stormwater Pollution Prevention Plan (SWPPP) and sedimentation and erosion control plans. Best management practices, as described in the [New York State Standards and Specifications for Erosion and Sediment Control](#), will be used to reduce impacts to surface waters on the project sites. Some measures to be used will include minimizing soil disturbance and vegetation removal, installing silt fencing and straw bales where needed, preserving vegetated buffers, and seeding and mulching disturbed areas as soon as possible following work. New plantings with native species may also be used for aesthetics, shade, and soil stabilization. Stormwater control will meet all requirements in NYS DEC Stormwater Design Manual.

No significant adverse impacts to surface waters will occur.

4. Impact on Ground Water - The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. Potential increases in wastewater discharge may occur. Pesticide use may be required to control invasive species.

Current pavement and impervious surfaces at the Park, consisting mostly of the roadways, parking areas and structures, are limited compared to the acreage of the site. Additional impervious surfaces from new structures or facilities have the potential to change the way stormwater infiltrates to groundwater.

There will be minor increases in impervious surfaces. These elements are generally sited in previously disturbed areas and the total maximum acreage of new impervious surfaces from structures will not be significant. In all new construction, green design will be used, where possible and appropriate, to help capture and filter stormwater before it enters groundwater. The NYS DEC's Stormwater Design Manual will be followed.

a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells. Surface water is used as the Park's primary potable water source. That water is drawn from the lake. The other sources of potable water are 6 active wells: West Bathhouse winter well, Recreation Hall winter well, Maintenance Shop / East Park Residence shared well, Parkway Garage / Park Police shared well, the West Park Residence well and the newly acquired property. The maintenance area, if relocated, would need a new well. The existing well would remain for the East Park Residence. The East Bathhouse has water service from the main water distribution system, but would need a new well if used year-round. There is one inactive well in the vicinity of the West Park Residence, but that well would need rehabilitation to be put back in to service. A new well, providing potable water to the newly acquired property (a nineteenth-century farmstead on NY-82 at the Park's southeasterly border) was installed prior to acquisition. Several new wells, distributed over the hundreds of acres of parkland, is not anticipated to exceed the capacity of the aquifer.

b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. The primary potable water source is the lake. Most proposed actions requiring potable water would be supplied by the primary source. However, individual facilities throughout the park are served by wells. There are currently 6 active wells in the park. The maintenance area, if relocated, would need a new well. The East Bathhouse has water service from the main water distribution system, but would need a new well if used year-round. Modeling has shown that existing ground water resources are sufficient to meet these improvements. These seven wells, not all used year-round, across the expanse of the park are not anticipated to have a significant impact on the aquifer.

c. The proposed action may allow or result in residential uses in areas without water and sewer services. Not applicable.

d. The proposed action may include or require wastewater discharged to groundwater. Currently, the Park discharges wastewater to ground in several locations. Waste from the west side facilities (West Beach Bathhouse, Park Manager residence, laundry, restrooms and cottages) all get treated and discharge to Doove Kill, which leaves the Park. Individual restrooms and shower facilities have septic tanks that discharge to leaching fields. Proposed improvements in amenities may result in an increase in Park attendance which may result in increased wastewater generation. Some east side wastewater systems are in need of upgrade. Some east side systems need to be relocated to move them away from sensitive areas. Repurposed and relocated facilities will require replacement or new wastewater treatment systems; specifically repurposing the East Beach Bathhouse and the East Park Residence. Upgraded or new on-site wastewater treatment may be required at the residence on the newly acquired property (a nineteenth-century farmstead on NY-82 at the Park's southeasterly border) if and when that residence is rehabilitated. Existing facilities are appropriately sized to handle modest increases in wastewater generation. New systems will be installed following all regional and state requirements. All existing and proposed discharges to ground are more than 150 feet from any on-site or off-site potable

water wells. Groundwater eventually drains to the lake and discharge from the lake is controlled by a dam. No significant fluctuations in lake level and height of the ground water are anticipated. New systems will be located in appropriate soils. Any required updates to discharge permits will be obtained from the appropriate agencies. Recharging systems are adequately distributed across the Park.

e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated. Not applicable.

f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer. Currently, the Park maintains three bulk storage containers, two 500 gallon tanks for fueling state vehicles (one gasoline, one diesel) and one 250 gallon tank for home heating oil for one maintenance facility. No changes to these tanks are proposed. No new bulk storage is proposed.

g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources. The lake is a potable water source. Control of invasive species may require the use of pesticides. All products will be NY state registered and applied by a certified applicator. All label restrictions will be followed, including temporarily halting water withdrawals. Upland application will use best management practices to prevent any product from reaching the lake. All applications will be the minimal amount of product required to achieve the control and all applications will be targeted. Pesticide application near wells will be minimized. Products known to persist will be avoided near wells.

Section Summary: Increases in impervious surfaces are minor compared to the size of the Park. New stormwater sources will be captured and treated by green infrastructure to the extent practicable. All new stormwater infrastructure will meet the NYS DEC Stormwater Design Manual guidelines. Minimal increases in wastewater generation are proposed. The Park has the capacity to process those increases. No new bulk storage of potential pollutants is proposed. Pesticide use will be minimized and targeted.

No significant impacts to groundwater will occur.

5. Impact on Flooding - The proposed action may result in development on lands subject to flooding. There has been no history of significant flooding on the site. The only recent incidents of flooding have been due to beaver activity and those issues were appropriately addressed.

a. The proposed action may result in development in a designated floodway. Not applicable.

b. The proposed action may result in development within a 100-year floodplain. Not applicable.

c. The proposed action may result in development within a 500-year floodplain. Not applicable.

d. The proposed action may result in, or require, modification of existing drainage patterns. Areas with poor stormwater management will be addressed. Stormwater will be directed to new or existing infrastructure such as drainage swales or infiltration basins. All new stormwater control infrastructure will follow NYS DEC Stormwater Design Manual guidelines. All changes in drainage patterns will be improvements. No adverse changes to drainage patterns are proposed.

e. The proposed action may change flood water flows that contribute to flooding. Not applicable.

f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade? There is a small Low Hazard dam that maintains the lake level. Minor maintenance (concrete spalling work) is required to repair some cracks. Currently, the management action is monitoring of dam stability. Repairs will be undertaken when appropriate and funding allows. No upgrades are required.

Section Summary: There are no identified areas of the Park that are subjected to flooding. Localized area of poor stormwater management will be addressed. Dam has minor repair needs.

No significant impacts from flooding will occur.

6. Impact on Air - The proposed action may include a state regulated air emission source. No, the proposed action does not include a state regulated air emission source.

a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases. No emission permits are required. No significant quantities of greenhouse gases are proposed to be emitted.

b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants. No significant generation of any hazardous air pollutants are proposed.

c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTUs per hour. No proposed action requires an air registration or will emit significant quantities of contaminants or includes a heat source capable of 10M BTU / Hour.

d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above. No significant production of greenhouse gasses, hazardous air pollutants or contaminants is proposed.

e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour. No burning of any waste is proposed.

Section Summary: No significant creation of any air pollutant is proposed. Full implementation of the Master Plan will result in increased use of the Park. The increased travel to the Park, to use new amenities, is expected to be minor and air quality impacts from increased traffic are not expected to be significant. Short-term, temporary air quality impacts may occur due to a minor increase in vehicle exhaust during large events and some generation of dust and exhaust during construction. Air quality impacts from construction vehicles will be mitigated by utilizing NYS protocols for Best management practices (e.g., [Dust Control Procedures Plan](#)) to properly manage and mitigate fugitive dust, as well as ensuring that vehicles are in good running condition. New and updated recreational amenities proposed in the plan may result in an increase of visitors to the Park, with the potential for a minor increase in vehicle exhaust. These potential impacts will be temporary and localized and will occur over time as the Plan is implemented.

No significant impacts on air will occur.

7. Impacts on Plants and Animals - The proposed action may result in a loss of flora or fauna. Overall, the Plan will have a positive impact on the natural resources within Lake Taghkanic State Park. Limited new development is proposed in the Plan, and therefore direct impacts to biological resources are expected to be minimal. Projects have been primarily sited in areas with previous development, limited environmental sensitivity, and placement of proposed facility improvements will be done in accordance with OPRHP stewardship staff recommendations. During trail planning, regional stewardship staff will inspect the proposed corridors and make recommendations to reduce impacts on flora and fauna.

An Environmental Stewardship Plan is proposed which will identify stewardship priorities, guides stewardship actions, land management, and operations, and includes implementation strategies for conserving significant natural resources.

Ecological Communities

The NY Natural Heritage Program (NYNHP) has identified nineteen ecological community types at Lake Taghkanic, including natural and culturally derived types as defined in the NYNHP classification. Approximately 88 percent of the Park is in a natural community type with Appalachian Oak-Hickory Forest comprising the largest quantity. (Community type evaluation and classification on the newly acquired 2024 parcels is not complete. Ecological community types and natural community type data is based on that portion of the park before the 2024 acquisition of the new parcels.)

Master Plan implementation will have some impact on several natural communities. Projects have been sited primarily in areas with previous and recent development/disturbance.

The maintenance facility is proposed to be relocated adjacent to the existing fueling station. The relocation would require the removal of some vegetation. The NYNHP database depicts that area northeast and east of the fueling station as Appalachian Oak-Hickory Forest (~437 acres - Apparently Secure in New York - Uncommon in New York but not rare; usually widespread). The NYNHP database depicts that area northwest and west of the fueling station as disturbed. However, this disturbance is close to a newly identified rare species (invertebrate), west of the fueling station. Design of the new maintenance facility will focus the clearing more to the east, while proposing restoration of some of the disturbance between the facility and the newly identified species.

Potential impacts to natural communities from construction of new trails will be mitigated by careful assessment of the trail routes on site before any construction begins. Locations for new trails will be assessed and use sustainable design during layout and construction to minimize impacts to sensitive areas. Construction will be monitored to avoid and minimize impacts to significant natural communities at or adjacent to the trail.

Flora

The construction of new facilities will require the removal of some minor quantities of vegetation during construction. For the new tent campsites near the East Bathhouse and other small improvements, vegetation loss will primarily be within previously disturbed areas and mowed lawns. The relocated

maintenance facility may require the removal of vegetation. If the existing facility is demolished, that area is likely to be planted with native species.

Minor vegetation removal may also be required for trail construction; however, this would have little to no impact on the overall forest community.

Where new trail segments are built, impacts will be mitigated by requiring the selection of the most appropriate routes and minimizing the removal of existing vegetation. Some vegetation will be trimmed, and signs or blazes will mark trail corridors for trail users. The regional biologist will review the most recent NYNHP data to report any newly found rare plants prior to any development or new management practices. Consideration for the protection of the Park's rare species and sensitive areas will be part of the draft planning process when selecting preferred locations for new trail development. Well-designed trails to provide access to a variety of natural features will enhance the visitor experience and help to reduce potential impacts from off-trail and social trail development. Proposed actions in the Plan to increase management of non-native, invasive plant species will benefit native plants in the Park, providing them with more of an opportunity to flourish. Invasive species/non-native plant removal projects have taken place under the supervision of the regional biologist and stewardship staff and will continue.

The Plan has located facilities to help control conflicts with or impacts to rare species and sensitive natural resources, thereby reducing potential impacts of development. During the design of the proposed renovation and redevelopment projects, the regional biologist will be consulted regarding the need for additional rare plant surveys in these areas and regarding any trees to be removed. Areas that will require vegetative restoration or will be part of a design will incorporate the use of native species or regionally appropriate non-invasive species that are indigenous to the area. The regional landscape architect and the regional biologist will be consulted regarding the appropriate species to be used in any planting plans. In addition, facility design and implementation will be consistent with OPRHP's Tree Management and Native Plants policies (OPRHP, 2009 and OPRHP, 2015). This includes providing appropriate buffers to ensure the protection of known rare plants and animals.

Fauna

Current wildlife management practices will continue in consultation with NYS DEC and the NYNHP. If New England Cottontail are reconfirmed within the Park, habitat restoration may be undertaken. Habitat restoration would be a positive impact, not just for NEC, but other early successional species and / or understory forest species.

Minimal impacts to fauna are expected due to the small amount of physical change being proposed in the Plan. Consideration of potential impacts on the fauna of the Park was part of the planning process when selecting preferred alternatives and will also be considered during future implementation of pedestrian pathways and new trails. Areas proposed for improvements through either rehabilitation or new construction are not located near sensitive environmental areas and are not expected to affect wildlife in the area.

Tree removal will be done as outlined in the OPRHP Tree Removal Timing Guidelines for the Protection of Wildlife to avoid potential impacts to listed bats, wildlife and protected migratory bird species.

Invasive Species

Forest pests and invasive species are a significant threat to the Park. The Emerald Ash Borer has been identified at the Park and throughout the region. The Spotted Lanternfly is a growing threat that has not yet been observed at the Park but has potential to impact the region if introduced. Precautions such as surveying and monitoring for such species will be included as part of a more proactive invasive species management strategy. Educational information is provided within OPRHP properties, including brochures, posters, and other materials to inform visitors of best management practices related to invasive species.

Park and regional environmental staff are very knowledgeable regarding the impacts of invasive species. Interpretive programs and training will improve their ability to prevent the spread of invasives. Implementation of new and more proactive invasive species strategies at the Park will focus on prevention, identification of invasives, early detection, rapid response, and eradication from sensitive habitat areas.

OPRHP has drafted best management practices for invasive species control for park projects and operations. The NYSDOT has developed useful best management practices and construction specifications for invasive plant control that can be tailored to agency or park-specific projects and operations ([Invasive Species Control Methods for Design, Construction and Operations](#) and [Item 617.ABCD0024 – Controlling Invasive Plant Species](#)). These methods will be implemented at the Park during construction as appropriate.

Wetlands

The Park contains one wetland complex, classified as State-regulated freshwater wetlands and identified in the National Wetland Inventory (NWI). There are also many smaller wetlands and a vernal pool that do not meet the acreage threshold to be classified as a NYS -regulated wetland (see Figure 7 – Water Resources).

Existing measures for protection of the wetlands are already in place and none of the Park's wetlands will be changed or affected by implementation of the Plan. Proposed improvements to natural areas in the Plan will further enhance and protect the Park's existing wetlands. Although none are currently proposed, any new development proposed near these locations in the future would be done in consultation with regional natural resource stewardship biologists and staff from NYNHP to avoid or minimize potential impacts to these sensitive areas.

a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over or near the site. There is only one threatened or endangered species known from Lake Taghkanic State Park. That endangered vascular plant was previously known from the shoreline of Lake Taghkanic. That species is currently believed to be locally extirpated. Minimal proposed actions intersect with the shoreline of the lake. When they do, project areas will be surveyed. Consultation with regional natural resource staff will occur, prior to any physical alteration, if this species or any other rare, threatened or endangered (RTE) species are identified.

b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government. The Park

contains habitat for rare and protected species, and the importance of these resources is recognized throughout the development and location of proposed actions in this Plan, its strategies, and implementation of the specific recommendations. Overall, this Plan is expected to have a net positive impact on these resources by developing additional invasive species management strategies, siting most development in previously disturbed areas, addressing stormwater, and implementing design strategies that will reduce impacts to sensitive areas. Where projects have the potential to intersect with the habitat of RTE species, those projects have minimal footprints. An additional rare species has recently been identified in the vicinity of the maintenance facility relocation site. Facility siting will be to the east to avoid clearing any additional buffer to this species' habitat. Opportunities exist to improve this species habitat by revegetating voids in the forest between the maintenance facility and the known habitat.

c. The proposed action may cause reduction in population or loss of individuals of any species of special concern or conservation need as listed by New York State or the federal government, that use the site or are found on, over or near the site. One species of special concern and one unlisted but imperiled species are known to occur within the Park per the NYNHP database. The one species of special concern is a terrestrial mammal known from the southeastern portion of the property. The only proposed actions within this species' known habitat are potential habitat improvement projects and potentially trails. For habitat improvement projects, temporary disturbance to this species during project implementation will be minimized by timing of the work. Impacts from trail development will be minimized by trail location and timing of construction. Any trail work would remove minimal amounts of potential habitat. The unlisted but imperiled species is an aquatic invertebrate known from the lake. Minimal disturbance to the lake bottom is proposed. For any project intersecting the lake bottom, surveys will be conducted. Any positive identifications of this species in the project footprint will be evaluated by the regional biologist. This species is somewhat mobile and it may be acceptable to relocate individuals during construction. Impacts to these species will be minimized.

One high priority species of greatest conservation need (amphibian), one species of special concern (amphibian) and one rare species (invertebrate) have recently been identified within the Park. Impacts to those species are likely to be minimal due to the locating of proposed projects in existing disturbed areas and the small footprint on the environment of the projects. Continued consultation with stewardship staff prior to project implementation and site surveys for species of concern will minimize impacts to these species.

d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government. Habitat improvement projects and trails are the only actions proposed within the habitat of the species of special concern (see c. above). Proposed actions intersecting the habitat of the unlisted but imperiled species will result in de minimis losses to total habitat available.

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect. Not applicable.

f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. The NYNHP Database identifies approximately 212 acres of one significant natural community (SNC) on site (Hemlock-Northern Hardwood Forest, S3, Vulnerable).

Site selection for the majority of proposed projects will avoid this SNC. Only minor impacts would occur if trail segments were to be located within the SNC. For new trail segments, species surveys would occur first. In addition, trails would be constructed with the minimum width possible. OPRHP Trail development guidelines will be followed, which will minimize impacts to communities adjacent to the trail. The NYS DEC's Environmental Assessment Form Mapper identifies a second SNC, Inland Poor Fen, within or adjacent to the Park. This SNC is more than 3,000 feet from the Park and its known buffer distance is ½ mile. No proposed actions will impact this SNC.

g. The proposed action may substantially interfere with nesting/breeding/foraging, or overwintering habitat for the predominant species that occupy or use the project site. Projects have been primarily sited in areas with previous development or limited environmental sensitivity. Construction in OPRHP facilities is usually planned for the late fall and winter when public use is lower. This timing also minimizes disturbance to wildlife by avoiding periods of higher biological activity, such as bird breeding seasons and bat roosting. Similarly, any tree removals will be timed to occur between November and December, as feasible, to minimize disturbance to bats and other wildlife. Outside of this window, consultation will occur with the regional biologist to minimize impacts to fauna. Park-specific design of new facilities and trails will include surveys for sensitive or rare species or habitats. If needed, proposed facilities or trails will be relocated to avoid or minimize any adverse impacts to wildlife.

h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Projects have been primarily sited in areas with previous development or limited environmental sensitivity. No project will result in any significant loss of forest, grassland, or other important habitats. Approximately 20 acres of previously cultivated land may be maintained as meadow, used as grassland (or similar) habitat, or allowed to revert to natural. None of those uses are considered conversion of agricultural lands. Some of these acres may be used for ground-mounted solar arrays. Those acres are not within an agricultural district. Any conversion of these previously cultivated lands will not require consultation with NYS Department of Agriculture and Markets. Any conversion of these acres, to anything besides differing types of natural habitat, will receive additional environmental review.

i. The proposed action (commercial, industrial or recreational projects, only) involves the use of herbicides or pesticides. Control of invasive species may require the use of pesticides. All products will be NY state registered and applied by a certified applicator, following all label requirements. Applications will use best management practices to prevent any product from leaving the work area or reaching any sensitive areas. All applications will be the minimal amount of product required to achieve the control and all applications will be targeted. As needed, Article 15 Pesticide permits from NYS DEC will be obtained and all permit conditions will be followed. Non target impacts will be minimized.

Section Summary: Impacts to natural resources will primarily be minimized by site selection. Most projects will be located within previous development or areas of limited environmental sensitivity. New or modified hiking trails will be located within natural areas, resulting in minor loss of vegetation. Trail locations will be surveyed. Trail will be relocated if any RTE species are identified. Trail corridors will be kept as narrow as possible given proposed uses. Erosion and sediment control will prevent any loose soil from reaching any sensitive areas. The Plan will result in improved conditions for the Park's natural resources. Proposed improvements to riparian areas, increased protections for wetlands, reduced mowing, green infrastructure at the West Beach parking lot, reduction of impervious surfaces and more

intensive management of invasive species will benefit wildlife habitat and natural areas. If any future acquisition recommendations are implemented, the impact will be positive including adding open space acreage and protecting wildlife habitat in an area with increasing development pressure. All acquisitions will be reviewed separately under SEQR.

No significant adverse impacts on plants and animals will occur.

8. Impact on Agricultural Resources - The proposed action may impact agricultural resources. There is no active agriculture within the Park. Columbia County identifies the newly acquired property (a nineteenth-century farmstead on NY-82 at the Park's southeasterly border) as being farmed. There are approximately 20 acres that were previously cultivated but are no longer cultivated. Those acres have been maintained as meadow. In addition, Columbia County identifies Prime Soils and Soils of Statewide Importance (although, not soils in Group 1-4) on those parcels. Currently, those areas are proposed to be maintained as meadows, grassland habitat (potentially with trails) or allowed to revert to natural, all of which would be considered reversible impact to farmland. Any future conversion of these acres to anything besides differing types of natural habitat (with trails) will receive additional environmental review.

a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System. The Web Soil Survey and NYS A&M 2024 Agricultural Land Classification identify 26.2 acres (1.4% of total acreage) within the Park as having Soil Groups 1-4. No agricultural activities occur on those acres. Those acres are currently naturally vegetated. No actions are proposed on those lands.

b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc). Not Applicable.

c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land. There is no active farmland in the Park. Recent agricultural activity occurred on the newly acquired property (a nineteenth-century farmstead on NY-82 at the Park's southeasterly border). Currently, the only actions proposed on those parcels are habitat improvements which would not result in significant excavation or compaction of soils. Additionally, new trails may be constructed through these parcels. Trails may result in only minor excavation or compactions and those impacts would be reversible.

d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District. No portion of the Park is within an agricultural district. See 10 & 10.c. above and 10.g. below.

e. The proposed action may disrupt or prevent installation of an agricultural land management system. Not Applicable.

f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland. Not Applicable.

g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan. Not Applicable.

Section Summary: There is no active agricultural land on site. Small amounts of highly productive soils are present. However, they are not presently used for any agricultural activities. No proposed actions will irreversibly alter those acres / soils. No proposed actions will restrict access to agricultural land. No conversion of agricultural land to other uses is proposed. No agricultural land management system is proposed. No proposed action will impede the installation of such a system off site. Proposed actions will result in minor changes on site that will not impact development potential on any land offsite.

No significant impacts on agricultural resources will occur.

9. Impact on Aesthetic Resources - The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. Implementation of the Master Plan will not result in any significant adverse impacts on scenic resources in the Park, and recommendations in the Plan for the protection and enhancement of natural, historic, and recreational resources will result in greater protection of the Park's scenic resources and vistas. Projects proposed in the Park will not have any significant effect on the view from off-site due to the minimal amount of proposed development and screening from external viewpoints.

a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource. Lake Taghkanic State Park is a state scenic and aesthetic resource. Proposed actions will be visible during construction and operation. Proposed actions are designed to preserve and enhance scenic and aesthetic resources. Site selection will locate less aesthetic elements (e.g., maintenance and operation facilities) away from Park patrons.

b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views. No proposed action will obstruct, eliminate, or significantly screen any scenic or aesthetic resource.

c. The proposed action may be visible from publicly accessible vantage points:

i. Seasonally (e.g., screened by summer foliage, but visible during other seasons).

ii. Year round. Some construction activities will be undertaken in the off-season. The off-season sees significantly fewer visitors. However, construction activities will be visible to Park patrons regardless of the season. No scenic or aesthetic resource will be impacted regardless of the time of year.

d. The situation or activity in which viewers are engaged while viewing the proposed action is:

i. Routine travel by residents, including travel to and from work.

ii. Recreational or tourism based activities. The proposed actions will only be visible to Park patrons. Actions are designed to improve patron experience. Any adverse impact to patrons from observing the construction of proposed actions will be temporary.

e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource. Actions are designed to improve patron experience. Any adverse impact to patrons from observing the construction of proposed actions will be temporary.

f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile, 1/2 -3 mile, 3-5 mile, 5+ mile. The proposed actions are not dissimilar from existing features of the Park. Proposed actions are small in scale as compared to the size of the Park. Proposed actions are amenities and facilities commonly found in park settings. Proposed actions will not appear obtrusive or unexpected to patrons.

Section Summary: No proposed action will impair any designated aesthetic or scenic resource. Proposed actions are appropriate for park settings. Proposed actions are small compared to the size of the Park. Any impact to aesthetic or scenic resources, from construction, will be temporary.

No significant impacts on aesthetic resources will occur.

10. Impact on Historic and Archeological Resources - The proposed action may occur in or adjacent to a historic or archaeological resource. The master plan is not expected to have any significant adverse impacts on cultural or historic resources. All projects proposed in the Plan will be reviewed by OPRHP's Division for Historic Preservation (DHP) prior to implementation. When repair or alteration of a historic building or site is needed to accommodate contemporary use and/or ADA access, any repairs or alterations should not damage or destroy materials, features, or finishes that are important in defining the building's historic character. Recognizing these elements as a physical record of their time, place, and use, in general, their modification for new uses should result in minimal changes to their defining characteristics, including their site and context, to retain and preserve their historic character. Design modifications should avoid the removal of historic materials or alteration of features and spaces that characterize the element.

Alterations or modifications to these elements are subject to review by DHP prior to implementation and the guidelines below should be followed:

Minimal changes to a property's defining characteristics should be made, and the historic character should be retained, preserving as much of the original fabric as possible.

Changes proposed to the exterior and the interior of historic buildings, the building's site and environment and landscape features, and any attached, adjacent, or related new construction must be reviewed and approved by DHP. This includes rooftop solar.

As much as possible, building elements should be repaired rather than replaced. If an element cannot be repaired, then a replacement should be identical in appearance and material to the original, as practicable.

If an addition is to be made, it should be differentiated from the old while keeping with the original structure's architectural features and scale.

Buildings and their surroundings must not be harmed during the rehabilitation process. This includes the use of harsh surface treatments or using irreversible connection methods for new additions.

Additions that create a conjectured or false history are not to be made, though additions that have been made throughout a building's life should be preserved.

To ensure that there are no adverse impacts on archaeological resources, any project that could result in ground disturbance and potentially affect the cultural resources of the Park will require consultation with DHP to determine if a site-specific archeological survey is needed. All projects will follow the OPRHP Intra-Agency Protocol for the Application of Section 14.09 of the NYS Parks, Recreation and Historic Preservation Law. If required, all ground disturbance should be in consultation with FSB to develop appropriate plans, investigate, and document all archaeological resources.

a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places. Yes, projects may occur within or adjacent to historic resources; the Park has been determined eligible for listing on the Registers. All projects will receive appropriate DHP review, as needed.

b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory. Yes, projects may occur adjacent to subsurface archaeological resources. All projects will receive appropriate DHP review, as needed. Projects may be relocated, as needed, to preserve subsurface resources.

c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Not Applicable.

Section Summary: Proposed actions may have the potential to intersect with historic structures or subsurface resources. All work will follow the above guidelines. No work will occur without DHP approval. DHP review helps to minimize potential impacts to historic and archeological resources.

No significant impacts to historic or archaeological resources will occur.

11. Impact on Open Space and Recreation - The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. Implementation of the Plan will result in significant, beneficial improvements to all aspects of the Park's recreational facilities. Current recreational opportunities will remain available. The Plan provides for the expansion of the trail system and educational/interpretive opportunities. The Park will see significant improvements to enhance visitor experience and ADA access. The trail network will see modifications that will improve visitor experiences. Some existing trails will receive modifications to reduce erosion and wet conditions while other trails will be removed and replaced to provide a higher quality, user-friendly network.

Currently, hunting is allowed in winter, for turkey and deer, by bow, in restricted portions of the Park. Changes to the species, methods and locations are being considered and will be left to the discretion of the park manager. Any proposed changes to the current hunting program will receive its own SEQR.

The ~1784 acres of public open space at Lake Taghkanic State Park are an important piece of the county and region's open space system. The Park provides significant open space that will continue to be protected and preserved under the master Plan. OPRHP will evaluate and consider the acquisition of fees, titles, or easements on adjacent open space areas as they become available. It will also monitor any development proposals that may affect the quality of its scenic and open space resources.

a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat. Minimal actions are proposed in natural areas. Those actions in natural areas are at such a small scale that no significant impacts to natural functions or ecosystem services will occur.

b. The proposed action may result in the loss of a current or future recreational resource. Some certain trail sections will be abandoned and replaced with more appropriate / sustainable trails. No significant loss of trails is proposed. Camping sites will be reorganized, which may result in existing camping sites being relocated. Proposed camping (RV, lakeside, expanded tent) will increase camping opportunities. No significant net loss of camping sites will occur. No other loss of recreational resources is proposed. The Plan includes significant increases in recreational resources.

c. The proposed action may eliminate open space or recreational resource in an area with few such resources. No loss of open space is proposed. No significant loss of recreational resources will occur (see 11.b. above). Similar outdoor resources are available in the vicinity (NYS DEC forested land).

d. The proposed action may result in loss of an area now used informally by the community as an open space resource. The site is a public park and will remain a public park. The entire site is available for public use as open space with the obvious exceptions of maintenance and operation areas.

Section Summary: Minimal small-scale actions are proposed in natural areas. Some existing recreational opportunities will be replaced with improved opportunities. The Park provides ample open space opportunities. If any future acquisition recommendations are implemented, the impact will be positive including adding open space acreage and protecting additional wildlife habitat in an area with increasing development pressure. All acquisitions will be reviewed separately under SEQR.

No significant adverse impacts on open space and recreating will occur. Only positive permanent impacts are anticipated.

12. Impact on Critical Environmental Areas - The proposed action may be located within or adjacent to a critical environmental area (CEA). The proposed action is not within or adjacent to any CEA.

No impacts to any Critical Environmental Area will occur.

13. Impact on Transportation - The proposed action may result in a change to existing transportation systems. The plan includes proposed improvements to circulation within the Park. Both the TSP and NY 82 entrances will be improved by relocating and updating the contact booths. A more defined entrance to the Campground will create a "gateway" experience that is easier to locate and access. Pedestrian

walkways will be added, and the section of the Lakeview Trail between the West Beach and the Campground will be enhanced to create a multi-use trail to promote more non-vehicular transportation within the Park.

a. Projected traffic increase may exceed capacity of existing road network. No significant increases in traffic are anticipated. Minor changes in Park attendance, due to improved amenities, are well within the capacity of Park and local roadways.

b. The proposed action may result in the construction of paved parking area for 500 or more vehicles. No new parking lots are proposed. The main parking lot at the West Beach accommodates approximately 1,000 vehicles. Currently, that lot sheet flows stormwater to the lake, has no shade trees, is in poor condition and is aesthetically unappealing. That lot will be resurfaced (with porous pavement, where practicable). Shade trees and vegetated stormwater recharge areas will be added. The introduction of trees and vegetated islands will improve the appearance of the parking lot.

c. The proposed action will degrade existing transit access. Currently, access to the Park is by motor vehicle only. No mass transit access exists. No proposed actions reduce the existing vehicular access. No mass transit alternatives are proposed.

d. The proposed action will degrade existing pedestrian or bicycle accommodations. Improvements to pedestrian, bicycle and motor vehicle accommodations are proposed. No loss of accommodations is proposed.

e. The proposed action may alter the present pattern of movement of people or goods. Circulation improvements are proposed that will improve patron experience for drivers, bicyclists, and pedestrians.

Section Summary: The capacity of the existing road system was examined during the planning process. While changes will be made, it was determined that it generally functions effectively for the current and projected volume of traffic. While full implementation of the Plan may result in some increased visitation to the facility and an associated potential increase in traffic, the roadway system is expected to be able to accommodate the added use. Circulation improvements will increase patron satisfaction.

No significant changes to existing transportation systems will occur.

14. Impact on Energy - The proposed action may cause an increase in the use of any form of energy. Minor increases in energy use are proposed to support new facilities and amenities. Increases are not proposed to be significantly greater than existing usage.

a. The proposed action will require a new, or an upgrade to an existing, substation. Not applicable.

b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use. Not applicable.

c. The proposed action may utilize more than 2,500 MWhrs per year of electricity. Minor increases in energy use are proposed to support new facilities and amenities. Increases are not proposed to be significantly greater than existing usage. Total facility usage is well under 2,500 MWhrs. Current service is capable of handling increases associated with proposed improvements. Small rooftop solar arrays are proposed. Additionally, larger ground mounted systems are being considered. If pursued, those larger systems will receive a separate environmental review. Future solar developments will result in a smaller electrical draw on the grid.

d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed. Not applicable.

Section Summary: Improvements will require increased electrical use. The increase is not anticipated to be significant. Current service can handle the expected increase. Potential solar projects will ultimately reduce use on the grid.

No significant impact on energy will occur.

15. Impact on Noise, Odor, and Light - The proposed action may result in an increase in noise, odors, or outdoor lighting. Plan implementation may result in some minor temporary increases in noise and odor during construction. Minor permanent increases in light are proposed.

a. The proposed action may produce sound above noise levels established by local regulation. Increases in noise will accompany construction. Those increases will be localized and temporary and only impact small percentages of the Park at any one time. Minimal screening vegetation will be removed. Timing of proposed actions will minimize impacts to patrons. Increases in noise are not anticipated to be heard outside of the Park. Changes in allowed hunting may result in increased noise. That increase will be seasonal and restricted to the undeveloped portions of the Park, where significant buffers to external residents exist.

b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home. Not applicable.

c. The proposed action may result in routine odors for more than one hour per day. Increases in odor will accompany construction due to construction vehicle and equipment exhaust. Those increases will be localized and temporary and only impact small percentages of the Park at any one time. Timing of proposed actions will minimize impacts to patrons. Increases in odor are not anticipated to be detected outside of the Park.

d. The proposed action may result in light shining onto adjoining properties. New light sources are not proposed near the Park boundaries. Minimal removal of screening vegetation is proposed. New light is not anticipated to be observed outside the Park.

e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions. For safety reasons at the campground restrooms and at the Park Police building (and potentially other locations) new lights will be left on all night. All new light fixtures will be dark sky compliant. Older

fixtures will be retrofit as structures are rehabilitated. Light pollution is anticipated to be reduced over existing conditions. Minimal removal of screening vegetation is proposed.

Section Summary: Construction noise and odor are limited in scale and duration. Minimal loss of screening vegetation will occur. New light fixtures will be dark sky compliant. No new noise, odor or light will be detected outside of the Park. Hunting is restricted in location and duration and ample buffers and screening exists.

No significant increase in noise, odors, or outdoor lighting will occur.

16. Impact on Human Health - The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. Pesticide use has a potential impact to both humans and the environment. Parks policy is to minimize the use of pesticides ([Policy on Pesticide Reduction in State Parks and Historic Sites](#)). However, it is understood that the control of some invasive species is not possible without the use of pesticides. The use of pesticides in this park will be on a case-by-case basis.

a. The proposed action is located within 1500 feet of a school, hospital, licensed daycare center, group home, nursing home or retirement community. Not applicable.

b. The site of the proposed action is currently undergoing remediation. Not applicable.

c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action. No remediate sites, or RCRA corrective activities, were identified within 2,000 feet of the Park on the NYS DEC's Info Locator website. One spill was identified using the NYS DEC Spill Incidents Database (Spill # 9315138). However, information on that spill is sparse. Spill was of an unknown volume of gasoline on 3/24/1994. At some point treatment was set up on site such that filtered discharge was included on the Park's SPDES permit. A review of that permit indicates that the spill was on the west side of the lake as that is where the SPDES permit shows the discharge. DEC records indicate that the incident was closed on 9/29/2000. NYS DEC's closure indicated that there are no continuing significant impacts from the spill. No identifiable infrastructure, of the treatment or discharge, remains. No continuing impacts from the spill are anticipated.

d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction). No records of any institutional control limits, associated with the spill (see 16.c. above) or any other incident have been identified.

e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health. Not applicable.

f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health. Not applicable.

g. The proposed action involves construction or modification of a solid waste management facility.

There are no active landfills on site. There are no landfills proposed. The existing landfill on site has not been used since the 1980s. The landfill had accepted standard daily operational waste from the park (camper's and patron's trash) and some construction debris. The landfill will be officially decertified, a process requiring a closure plan and approval from NYS DEC. The landfill will be cleared of vegetation and capped, and monitoring wells will be installed. A perimeter swale will move storm water away from the landfill. Cap will be surfaced with herbaceous species which will be mowed regularly to prevent woody debris from growing and damaging the cap. By capping the landfill and preventing stormwater from passing through the solid waste, the potential for contaminants leaching from the waste and reaching groundwater will be minimized. Monitoring ground water in the vicinity of the landfill will help OPRHP make future management actions, as needed, and will minimize the potential for landfill contaminants reaching any potable water wells or the lake.

h. The proposed action may result in the unearthing of solid or hazardous waste. Not applicable.

i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste. Not applicable.

j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste. Not applicable.

k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures. Not applicable.

l. The proposed action may result in the release of contaminated leachate from the project site. Not applicable.

m. Other Impacts. Pesticides may be used to control invasive species, as needed. Pesticide application will be conducted by a certified applicator only and will use best management practices (timing to avoid wind / drift, choice of application methods to reduce non target mortality) to minimize potential adverse impacts from pesticide use. All applications will be the minimal amount of product required to achieve the control and all applications will be targeted. Any over-water pesticide application would require an Article 15 Pesticide permit from NYS DEC; all permit conditions will be followed. Pesticide application would not be in or adjacent to any residential areas. Treated areas will be posted, as needed.

Section Summary: Public health and safety are important elements in the operation of the Park. New or substantially rehabilitated facilities will be designed and constructed to meet all applicable health and safety codes including compliance with the ADA. Design and rehabilitation of infrastructure systems such as electric, water, and sewer, where needed, will ensure public health protection. No continuing impacts from the gasoline spill are anticipated. Pesticide use will be minimal and targeted, by a certified applicator. Patrons will be notified of pesticide use.

No significant impacts on human health from exposure to new or existing sources of contaminants will occur.

17. Consistency with Community Plans - The proposed action is not consistent with adopted land use

plans. Communities within the Hudson River Valley Greenway (HRVG) Area have the option of participating in the Greenway program. Taghkanic and Gallatin are designated Greenway Communities and may participate in the Greenway land use planning program, receive assistance from Greenway staff and access HRVG grants.

The Maurice D. Hinchey Hudson River Valley National Heritage Area is a voluntary, non-regulatory program with three central themes: Freedom and Dignity; Nature and Culture; and Corridor of Commerce. LTSP is not currently designated as a heritage site. Should LTSP choose to participate, the site would need to demonstrate adherence to several criteria, including relevance to at least one of the Heritage Area themes.

Actions proposed in the Master Plan are consistent with, or do not impede the implementation of, these non-regulatory land use program.

18. Consistency with Community Character - The proposed project is inconsistent with the existing community character. No, the proposed action, which maintains the use of the site as a state park, is consistent with the low density, scenic character of the area and enhances the natural beauty and quality of the area.

The proposed action is consistent with the community character.

Consistency and Additional Environmental Review: As part of the agency's responsibility under the State Environmental Quality Review Act, OPRHP will review proposed implementation projects with respect to consistency with this Plan. Projects found by OPRHP to be consistent with the Plan, and impacts adequately addressed in this review, can go forward without any additional SEQR review. All projects will follow the OPRHP Intra-Agency Protocol for the Application of Section 14.09 of the NYS Parks, Recreation and Historic Preservation Law.

It should be noted that this Plan is somewhat general and conceptual. Decisions regarding the scope and design of certain actions may be dependent on future site-specific evaluations still to be completed as part of the design process. Projects identified in the Plan that require additional design efforts include historic structure modifications/additions, rehabilitation of the West Beach Parking, solar additions to the West Beach Parking Lot, Park Police building relocation, East Entrance trailhead parking lot expansion, and modifications and additions to the multi-use trail (list not inclusive). If these site-specific evaluations identify new potential impacts that were not addressed or known during the development of this Plan, additional environmental review will be undertaken. This may include OPRHP documentation for Type II actions or completion of an environmental assessment form.

Any new land acquisitions, future ground-mounted solar arrays, changes to the hunting program and conversion of previously farmed lands will require additional environmental review.



State Environmental Quality Review
NEGATIVE DECLARATION
Notice of Determination of Non-Significance

May 19, 2025

This notice is issued pursuant to Part 617 of the implementing regulations pertaining to Article 8 (State Environmental Quality Review Act) of the Environmental Conservation Law.

The New York State Office of Parks, Recreation & Historic Preservation, as lead agency, has determined that the proposed action described below will not have a significant effect on the environment and a Draft Environmental Impact Statement will not be prepared.

Name of Action: Lake Taghkanic State Park Master Plan

SEQR Status: Type 1
 Unlisted

Conditioned Negative Declaration: Yes
 No

Description of Action: The Office of Parks, Recreation and Historic Preservation proposes adoption and implementation of a Master Plan for Lake Taghkanic State Park. Changes in visitor preferences, demographic shifts, aging infrastructure, and environmental concerns at the park warrant a comprehensive approach to future improvements. The Master Plan proposes multiple actions park-wide to improve recreational, cultural, and educational opportunities and operational efficiencies. The actions recommended in the plan are aimed at rehabilitating aging infrastructure, revitalizing underutilized areas, and meeting demand for recreation activities in the region. Protections of natural and historic / cultural resources are also included.

Location: Lake Taghkanic State Park, 1528 NY-82, Ancram, NY. Park-wide.

Reasons Supporting This Determination: Most of the physical disturbance proposed in the Master Plan for Lake Taghkanic State Park will take place in areas that are already developed or otherwise previously disturbed. The Plan seeks to provide improvements and additional protections for the Park's existing natural, historic, cultural, and recreational resources. Planning for proposed new and updated or expanded facilities in the Park avoids sensitive natural and cultural resources, to the extent practicable. The Plan minimizes disturbance by retrofitting or repurposing existing infrastructure where feasible. In addition to park facilities improvements, the plan proposes new trail routes, the closure of unsustainable trails, the creation of new, relevant educational content, additional habitat protection strategies, and expanded invasive species management.

Site planning has located proposed actions in areas of minimal concern. The majority of projects will not be located where shallow soils, shallow depth to ground water or steep slopes will be impacted. The primary exception is trail projects. Best management practices, as described in the New York State Standards and Specifications for Erosion and Sediment Control, will be used to reduce impacts to soils on the project sites or to adjacent resources.



No projects in the Master Plan will have a significant detrimental impact on water quality in any of the wetlands and waterbodies in the Park. Actions are proposed that will improve water quality and waterbody function. Actions within or adjacent to surface waters are small in scale. No new buildings or facilities are proposed in flood-prone areas within the Park. An erosion control plan will be prepared for all proposed construction projects that have the potential to disturb soils or result in erosion. Best management practices, as described in the New York State Standards and Specifications for Erosion and Sediment Control, will be used to reduce impacts to surface waters on the project sites. Some measures to be used will include minimizing soil disturbance and vegetation removal, installing silt fencing and straw bales where needed, preserving vegetated buffers, and seeding and mulching disturbed areas as soon as possible following work. New plantings with native species may also be used for aesthetics, shade, and soil stabilization.

Increases in impervious surfaces are minor compared to the size of the Park. New stormwater sources will be captured and treated by green infrastructure to the extent practicable. All new stormwater infrastructure will meet the NYS DEC Stormwater Design Manual guidelines. Minimal increases in wastewater generation are proposed. The Park's infrastructure has the capacity to process those increases. No new bulk storage of potential pollutants is proposed. Pesticide use will be minimized and targeted. Localized area of poor stormwater management will be addressed.

No significant creation of any air pollutant is proposed. Full implementation of the Master Plan will result in increased use of the Park. The increased travel to the Park, to use new amenities, is expected to be minor and air quality impacts from increased traffic are not expected to be significant. Short-term, temporary air quality impacts may occur due to a minor increase in vehicle exhaust during large events and some generation of dust and exhaust during construction. Air quality impacts from construction vehicles will be mitigated by utilizing NYS protocols for Best Management Practices (e.g., Dust Control Procedures Plan) to properly manage and mitigate fugitive dust, as well as ensuring that vehicles are in good running condition. New and updated recreational amenities proposed in the plan may result in an increase of visitors to the Park, with the potential for a minor increase in vehicle exhaust. These potential impacts will be temporary and localized and will occur over time as the Plan is implemented.

Impacts to natural resources will primarily be minimized by site selection. Most projects will be located within previous development or areas of limited environmental sensitivity. New or modified hiking trails will be located within natural areas, resulting in minor loss of vegetation. Trail locations will be surveyed. Trail will be relocated if any rare, threatened or endangered species are identified. Trail corridors will be kept as narrow as possible given proposed uses. Erosion and sediment control will prevent any loose soil from reaching any sensitive areas. The Plan will result in improved conditions for the Park's natural resources. Proposed improvements to riparian areas, increased protections for wetlands, reduced mowing, green infrastructure at the West Beach parking lot, reduction of impervious surfaces and more intensive management of invasive species will benefit wildlife habitat and natural areas.

There is no active agricultural land on site. Small amounts of highly productive soils are present. However, they are not presently used for any agricultural activities. No proposed actions will irreversibly alter those acres / soils. Proposed actions will result in minor changes on site that will not impact development potential on any land offsite.

No proposed action will impair any designated aesthetic or scenic resource. Proposed actions are appropriate for park settings. Proposed actions are small compared to the size of the Park. Any impact to aesthetic or scenic resources, from construction, will be temporary.



Proposed actions may have the potential to intersect with historic structures or subsurface resources. No work will occur without NY State Historic Preservation Office - Division of Historic Preservation (DHP) consultation. DHP review helps to minimize potential impacts to historic and archeological resources.

Minimal small-scale actions are proposed in natural areas. Some existing recreational opportunities will be replaced with improved opportunities. The Park provides ample open space opportunities.

While changes to the existing road system will be made, it was determined that it generally functions effectively for the current and projected volume of traffic. While full implementation of the Plan may result in some increased visitation to the facility and an associated potential increase in traffic, the roadway system is expected to be able to accommodate the added use.

Improvements will require increased electrical use. The increase is not anticipated to be significant. Current service can handle the expected increase. Potential solar projects will ultimately reduce demand on the grid.

Construction noise and odor are limited in scale and duration. Minimal loss of screening vegetation will occur. New light fixtures will be dark sky compliant. No new noise, odor or light will be detected outside of the Park. Hunting is restricted in location and duration and ample buffers and screening exists.

New or substantially rehabilitated facilities will be designed and constructed to meet all applicable health and safety codes including compliance with the Americans with Disabilities Act. Design and rehabilitation of infrastructure systems such as electric, water, and sewer, where needed, will ensure public health protection. Pesticide use will be minimal and targeted, by a certified applicator.

Actions proposed in the Master Plan are consistent with, or do not impede the implementation of, regional non-regulatory land use program. The proposed action is consistent with the community character.

Contact Person: Daniel Lewis

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For Type 1 Actions and Conditioned Negative Declarations, a copy of this notice sent to:

OPRHP Regional Director and Capital District Manager

Chief Executive Officer of the political subdivision in which the action will be principally located

Applicant (If any)

Other involved agencies (If any)

Must publish in the Environmental Notice Bulletin, enb@dec.ny.gov or submission online at

<https://dec.ny.gov/enb/seqra-form>