July 28, 2022
LKB #2016-0092

NYS Department of State
Office of Planning and Development
Suite 1010
One Commerce Plaza
99 Washington Ave
Albany, NY 12231-0001

Re: Dam Spillway Bridge Replacement at Connetquot River State Park Preserve

Dear Permit Administrator,

Enclosed for the Department's review is a state/federal environmental permit application package for the above-referenced project. We are requesting a permit to perform work at the subject site. The package contains the following information:

- Joint Application for Permit
- Permit Application for Wild, Scenic and Recreational Rivers
- Permission to Inspect Property
- Short Environmental Assessment Form
- Structural Archaeological Assessment Form
- NYSDOS Coastal Assessment Form
- ATTACHMENTS — Project Description, Project Location, Maps, Plans, Letters

Please note that copies of the package have also been submitted to the NYS Department of Environmental Protection for permitting.

We look forward to receiving a permit to allow work to progress within the park. Please contact me at 516.896.1746 or at mraichel@lkbinc.com if you have any questions about the package.

Sincerely,

LOCKWOOD, KESSLER & BARTLETT, INC.

Maureen Raichel, P.E.
Senior Civil Engineer

AN EQUAL OPPORTUNITY EMPLOYER
PROJECT DESCRIPTION

LOCATION

The 6-mile long Connetquot River, a major trout river on Long Island is recognized by the New York State as a Wild, Scenic and Recreational River. It begins at springs in the Lakeland County Park, just south of the Long Island Expressway in Islandia and flows south through the Connetquot River State Park past the project location and under Sunrise and Montauk Highways.

This project site is located within the Connetquot River State Park Preserve in Suffolk County NY. The park address is 4090 Sunrise Highway in Oakdale, NY. The Preserve maintains 3,473 acres of land. Within the park is the Connetquot Fish Hatchery which annually produces about 30,000-35,000 trout.

This dam spillway bridge rehabilitation project site is adjacent to the Nicoll Grist Mill on Connetquot River Office Road approximately 1100’ north of the Sunrise Highway park entrance. All proposed work will be performed within the park limits.

EXISTING CONDITIONS

The project was developed by NYS Office of Parks and Recreation based on red flags issued for the bridge during the NYSDOT Annual bridge inspection. The bridge structure, built in 1900 consists of a three-span concrete arch which spans the Connetquot River (Brook). The bridge crosses a fish ramp for large fish species and a dam with spillway which allows flow from the Main Pond (North) to the Lower Pond (south).

The inspection noted significant deterioration and bridge scour from the constant flow of water slowly breaking down and eroding away the concrete at the center piers. These pier walls support the main spillway and fish ramp. Portions of the arches have become undermined. The abutment walls, wingwalls, and the tops of the structural arches are in fair condition with minor cracking and spalls, however, the original stucco finish has long since eroded away exposing the main structural members to further erosion.

The top of the bridge (roadway) serves as a park service road.

Interim actions required at the time of inspection included placing barrier on the bridge deck to keep vehicles from travelling over the deteriorated section of the bridge while designing permanent repairs for the structure.
The proposed repair, for which we are submitting this permit application is to remove and replace the existing bridge and spillway within its existing footprint. In addition, this permit will allow for the addition of a new concrete fish passage structure for alewife adjacent to the bridge at the east abutment. Two existing deteriorated walls (bulkheads) will also be removed and replaced, and walls will be added. The attached plans convey the scope of the project.

MAINTENANCE OF TRAFFIC DURING CONSTRUCTION

To accomplish the proposed work, the roadway bridge and adjacent areas shall be surrounded by fence, and there would be no vehicle parking and/or pedestrian access to the work area.

PERMITS

The following environmental permits will be required for construction:

NYS Department of Conservation (NYSDEC) —
Stream Disturbance
Freshwater Wetlands Permit
Wild Scenic and Recreational River Permit

NYS Department of State (NYSDOS)—
Coastal Consistency Concurrence
Appendix 1

PHOTOGRAPHS
North Side of bridge from Main Pond, looking south

South Side of bridge from Lower Pond, looking north
Underside of Span 2, looking south

Underside of Span 3, looking North
Underside of Span 1, looking north

Scour at north side of pier 2, looking southeast.
Poor condition and missing finish on the north side of the bridge, looking east
Deteriorated bulkhead to be replaced

Deteriorated concrete wall to be replaced.
Appendix 2
FORMS

JOINT APPLICATION FORM
SUPPLEMENT WSR-1
(Wild, Scenic and Recreational Rivers)

NYDEC PERMISSION TO INSPECT PROPERTY FORM

NYSDEC – SHORT ENVIRONMENTAL ASSESSMENT FOR (SHORT EAF)

NYSDEC – STRUCTURAL ARCHAEOLOGICAL ASSESSMENT FORM (SAAF)

NYSDOS – COASTAL ASSESSMENT FORM
JOINT APPLICATION FORM

For Permits for activities affecting streams, waterways, waterbodies, wetlands, coastal areas, sources of water, and endangered and threatened species.

You must separately apply for and obtain Permits from each involved agency before starting work. Please read all instructions.

1. Applications To:

   >NY State Department of Environmental Conservation
   Check all permits that apply:
   ✓ Stream Disturbance
   □ Dams and Impoundment Structures
   □ Excavation and Fill in Navigable Waters
   □ Docks, Moorings or Platforms
   ✓ 401 Water Quality Certification*
   ✓ Freshwater Wetlands
   □ Tidal Wetlands
   □ Wild, Scenic and Recreational Rivers
   □ Coastal Erosion Management
   * See Instructions (page 3)

   >US Army Corps of Engineers
   Check all permits that apply:
   □ Section 404 Clean Water Act
   □ Section 10 Rivers and Harbors Act
   Is the project Federally funded? Yes    No
   If yes, name of Federal Agency:
   General Permit Type(s), if known:
   Preconstruction Notification: Yes    No

   >NYS Office of General Services
   Check all permits that apply:
   □ State Owned Lands Under Water
   □ Utility Easement (pipelines, conduits, cables, etc.)
   □ Docks, Moorings or Platforms

   >NYS Department of State
   ✓ Check here to confirm you sent this form to NYSDEC.
   □ Check here to confirm you sent this form to USACE.
   □ Check here to confirm you sent this form to NYSOGS.
   □ Check here to confirm you sent this form to NYSDOS.
   Check if this applies: ✓ Coastal Consistency Concurrence

2. Name of Applicant

   NYS Office of Parks, Recreation and Historic Preservation

   Taxpayer ID (if applicant is NOT an individual)

   Mailing Address
   825 Belmont Ave

   Post Office / City
   State Zip
   West Babylon
   NY 11704

   Telephone    516-669-1000    Email    Vesna.Hadzibabic@parks.ny.gov

   Applicant Must be (check all that apply): ✓ Owner    □ Operator    □ Lessee

3. Name of Property Owner (if different than Applicant)

   George Gorman, Jr., Long Island Regional Director

   Mailing Address
   825 Belmont Ave

   Post Office / City
   State Zip
   West Babylon
   NY 11704

   Telephone    516.669.1000    Email    George.Gorman@parks.ny.gov

For Agency Use Only

   Agency Application Number:

   JOINT APPLICATION FORM  04/22  Page 1 of 4
5. Project / Facility Name

Dam Spillway Bridge Replacement at Connetquot River State Park Preserve

Property Tax Map Section / Block / Lot Number:

Project Street Address, if applicable

4090 Sunrise Hwy

Post Office / City

Oakdale

State

NY

Zip

11769

Provide directions and distances to roads, intersections, bridges and bodies of water

Connetquot River State Park is off of Sunrise Highway West. The construction site is the dam spillway bridge next to the Nicoll Grist Mill off of Connetquot River Office Road.

✓ Town

Village

City

County

Connetquot River

Stream/Water/body Name

Project Location Coordinates: Enter Latitude and Longitude in degrees, minutes, seconds:

Latitude: N 40° 44' 59"

Longitude: W 73° 08' 56"

6. Project Description: Provide the following information about your project. Continue each response and provide any additional information on other pages. Attach plans on separate pages.

a. Purpose of the proposed project:

The purpose of this project is to replace an existing concrete dam and spillway that is disrepair. Without this replacement project, the spillway could fail. In addition, existing deteriorated walls will be replaced.

b. Description of current site conditions:

Upon inspection by NYSDOT, this structure was issued red structural flags for deterioration and scour from the constant flow of water breaking down and eroding away the concrete at the center piers of the structure.

c. Proposed site changes:

SEE ATTACHMENTS FOR PROJECT PLANS

Remove and replace the existing three span concrete spillway.

Construct a new fish passage adjacent to the existing spillway.

Replace existing retaining walls/bulkheads and add additional walls.

d. Type of structures and fill materials to be installed, and quantity of materials to be used (e.g., square feet of coverage, cubic yards of fill material, structures below ordinary/mean high water, etc.):

SEE ATTACHMENTS FOR PROJECT PLANS for limits relative to MHW and MLW.


e. Area of excavation or dredging, volume of material to be removed, location of dredged material placement:

There is no dredging on this project.

f. Is tree cutting or clearing proposed? Yes ☑️ If Yes, explain below. No

Timing of the proposed cutting or clearing (month/year): 

Number of trees to be cut: 

Acreage of trees to be cleared: 

g. Work methods and type of equipment to be used:
Means and methods to be determined by the low bid contractor.

h. Describe the planned sequence of activities:
SEE ATTACHMENTS FOR
PROJECT PLANS
Sequence of construction is to be planned by the Contractor, however the fish bypass must be constructed first to allow for water diversion for the replacement of the existing spillway.

i. Pollution control methods and other actions proposed to mitigate environmental impacts:
SEE ATTACHED PLANS
Silt fence to be used and maintained on site at all areas to prevent debris from entering waterway. In addition, a turbidity curtain will be installed and maintained in the water. Contractor will be required to maintain site, legally dispose of all unused material and restore the work area to previous condition prior to contract acceptance.

j. Erosion and silt control methods that will be used to prevent water quality impacts:
SEE ATTACHED PLANS.
Silt fence to be used and maintained on site at all areas to prevent debris from entering waterway. In addition, a turbidity curtain will be installed and maintained in the water.

k. Alternatives considered to avoid regulated areas. If no feasible alternatives exist, explain how the project will minimize impacts:
The erosion of the existing walls will continue without extensive rehabilitation, and the structure will fail. There is no alternative.

l. Proposed use: [ ] Private [✓] Public [ ] Commercial

m. Proposed Start Date: [ ] Estimated Completion Date: [ ]

n. Has work begun on project? Yes [✓] If Yes, explain below. [✓] No

o. Will project occupy Federal, State, or Municipal Land? [✓] Yes If Yes, explain below. [ ] No
The project is in Connequot River State Park which is run by New York State Office of Parks, Recreation, and Historic Preservation.

p. List any previous DEC, USACE, OGS or DOS Permit / Application numbers for activities at this location:
N/A

q. Will this project require additional Federal, State, or Local authorizations, including zoning changes? [ ] Yes If Yes, list below. [✓] No
7. Signatures.
Applicant and Owner (If different) must sign the application. If the applicant is the landowner, the [landowner attestation form] can be used as an electronic signature as an alternative to the signature below, if necessary. Append additional pages of this Signature section if there are multiple Applicants, Owners or Contact/Agents.

I hereby affirm that information provided on this form and all attachments submitted herewith is true to the best of my knowledge and belief.

Permission to Inspect - I hereby consent to Agency inspection of the project site and adjacent property areas. Agency staff may enter the property without notice between 7:00 am and 7:00 pm, Monday - Friday. Inspection may occur without the owner, applicant or agent present. If the property is posted with "keep out" signs or fenced with an unlocked gate, Agency staff may still enter the property. Agency staff may take measurements, analyze site physical characteristics, take soil and vegetation samples, sketch and photograph the site. I understand that failure to give this consent may result in denial of the permit(s) sought by this application.

False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the NYS Penal Law. Further, the applicant accepts full responsibility for all damage, direct or indirect, of whatever nature, and by whomever suffered, arising out of the project described herein and agrees to indemnify and save harmless the State from suits, actions, damages and costs of every name and description resulting from said project. In addition, Federal Law, 18 U.S.C., Section 1001 provides for a fine of not more than $10,000 or imprisonment for not more than 5 years, or both where an applicant knowingly and willingly falsifies, conceals, or covers up a material fact; or knowingly makes or uses a false, fictitious or fraudulent statement.

**Signature of Applicant**

<table>
<thead>
<tr>
<th>Name: Vesna Hadzibabic, PE, LEED AP BD+C</th>
<th>Date: 07/09/22</th>
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<tr>
<td>Applicant Must be (check all that apply): Owner [✓] Operator [ ] Lessee [ ]</td>
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**Printed Name:** Vesna Hadzibabic, PE, LEED AP BD+C

**Title:** Long Island Capital District Manager

**Signature of Owner (If different than Applicant)**

| Name: George Gorman, Jr. | Date: 7-29-22 |

**Printed Name:** George Gorman, Jr.

**Title:** Long Island Regional Director

**Signature of Contact / Agent**

| Name: Maureen Raichel | Date: |

**Printed Name:** Maureen Raichel

**Title:** Senior Civil Engineer

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**DETERMINATION OF NO PERMIT REQUIRED**

Agency Application Number

(agency name) has determined that No Permit is required from this Agency for the project described in this application.

**Agency Representative:**

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<th>Title:</th>
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<td>1.</td>
<td>Provide plans and/or drawings of the proposed project. Show project area dimensions and the location of all existing and proposed structures, roadways, signs, wastewater systems and water supplies. Show the distance to the river as well as to natural features such as other water bodies, forested areas and steep slopes. <strong>Engineering drawings are preferred.</strong> Sketch plans drawn to scale are acceptable.</td>
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| 2. | Provide at least two photographs (indicate the view shown, and the date and time of day that the pictures were taken):  
One of the project site taken from the river.  
One of the river taken from the project site.  
Other appropriately labelled photographs of the site and river area that show important features of the property would aid in the review of the application, and may be submitted with the application. |
| 3. | Provide a description of erosion control measures that will be used if the ground at the site is to be disturbed.  
**SEE ATTACHMENTS FOR PROJECT PLANS**  
Silt fence to be used and maintained on site at all areas to prevent debris from entering waterway. In addition, a turbidity curtain will be installed and maintained in the water. |
| 4. | **New wastewater treatment systems are not permitted within the WSRR corridor.** Any new discharges must be to an existing municipal wastewater treatment system or be located outside the river corridor. Check the appropriate box:  
☑️ This project does not require wastewater treatment. |
| 5. | Does the proposal involve any structures or improvements that would impede or alter the natural flow of the river?  
☐ No   ☑️ Yes  If yes, explain below:  
Neutral flow will be temporarily diverted. The new permanent fish passageway will be constructed first. Once complete, temporary sheeting will be installed at the dam/spillway to divert water to the new passageway and allow for the reconstruction of the dam/spillway. Sheetin will be removed to allow water to flow over the spillway. |
| 6. | Does the proposal involve the withdrawal of water from the river or a tributary source including adjacent underground supplies?  
☑️ No   ☐ Yes  If yes, explain where and how much: |
| 7. | Does the proposed project involve any vegetative cutting?  
☐ No   ☑️ Yes  If yes, please describe:  
There will be minor clearing in the areas of the new and replaced walls. In addition, there will be clearing and minor tree removal for the new fish passage. |

(rev. 3/16)
8. Are there any signs to be erected?  ☑ No  ☐ Yes  If yes, please dimensions, design(s) and locations(s)
of each sign:

9.a. Are you applying for any variances from either the prohibited uses or regulatory standards found in 6NYCRR Part
666?  ☑ No  ☐ Yes  If yes, please list each variance sought, describe how the use prohibition or the
regulatory standard would cause an undue hardship; or adequately demonstrate that the project meets all other
applicable standards and criteria and, if approved, would not adversely impact any affected river resource (use
extra pages if necessary):

9.b. Additionally, if you seek a variance from the minimum lot size required, describe how meeting the standard would
cause a practical difficulty:

9.c. Additionally, if the applicant is a state agency or municipal corporation, describe how the variance would be as
environmentally protective of the river values expressed in Part 666, and how the granting of the variance would
fulfill a public health, safety or welfare function:

Applicant Signature
Vesna Hadzibabic, PE, LEED AP BD+C

Title
Long Island Capital District Manager

Date
07/09/2022
BY SINGING THIS PERMISSION FORM FOR SUBMISSION WITH AN APPLICATION FOR A PERMIT(S) TO THE DEPARTMENT OF ENVIRONMENTAL CONSERVATION ("DEC"), THE SIGNER CONSENTS TO INSPECTION BY DEC STAFF OF THE PROJECT SITE OR FACILITY FOR WHICH A PERMIT IS SOUGHT AND, TO THE EXTENT NECESSARY, AREAS ADJACENT TO THE PROJECT SITE OR FACILITY. THIS CONSENT ALLOWS DEC STAFF TO ENTER UPON AND PASS THROUGH SUCH PROPERTY IN ORDER TO INSPECT THE PROJECT SITE OR FACILITY, WITHOUT PRIOR NOTICE, BETWEEN THE HOURS OF 7:00 A.M. AND 7:00 P.M., MONDAY THROUGH FRIDAY. IF DEC STAFF SHOULD WISH TO CONDUCT AN INSPECTION AT ANY OTHER TIMES, DEC STAFF WILL SO NOTIFY THE APPLICANT AND WILL OBTAIN A SEPARATE CONSENT FOR SUCH AN INSPECTION.

INSPECTIONS MAY TAKE PLACE AS PART OF THE APPLICATION REVIEW PRIOR TO A DECISION TO GRANT OR DENY THE PERMIT(S) SOUGHT. BY SINGING THIS CONSENT FORM, THE SIGNER AGREES THAT THIS CONSENT REMAINS IN EFFECT AS LONG AS THE APPLICATION IS PENDING, AND IS EFFECTIVE REGARDLESS OF WHETHER THE SIGNER, APPLICANT OR AN AGENT IS PRESENT AT THE TIME OF THE INSPECTION. IN THE EVENT THAT THE PROJECT SITE OR FACILITY IS POSTED WITH ANY FORM OF "POSTED" OR "KEEP OUT" NOTICES, OR FENCED IN WITH AN UNLOCKED GATE, THIS PERMISSION AUTHORIZES DEC STAFF TO DISREGARD SUCH NOTICES OR UNLOCKED GATES AT THE TIME OF INSPECTION.

THE SIGNER FURTHER AGREES THAT DURING AN INSPECTION, DEC STAFF MAY, AMONG OTHER THINGS, TAKE MEASUREMENTS, MAY ANALYZE PHYSICAL CHARACTERISTICS OF THE SITE INCLUDING, BUT NOT LIMITED TO, SOILS AND VEGETATION (TAKING SAMPLES FOR ANALYSIS), AND MAY MAKE DRAWINGS AND TAKE PHOTOGRAPHS.

FAILURE TO GRANT CONSENT FOR AN INSPECTION IS GROUNDS FOR, AND MAY RESULT IN, DENIAL OF THE PERMIT(S) SOUGHT BY THE APPLICATION.

Permission is granted for inspection of property located at the following address(es):

(see attachment maps)

Connetquot River State Park Preserve

By signing this form, I affirm under penalty of perjury that I am authorized to give consent to entry by DEC staff as described above. I understand that false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.*

Vesna Hadzibabic, PE, LEED AP BD+C
Long Island Capital District Manager

Print Name and Title

Signature

Date

*The signer of this form must be an individual or authorized representative of a legal entity that:
- owns fee title and is in possession of the property identified above;
- maintains possessory interest in the property through a lease, rental agreement or other legally binding agreement; or
- is provided permission to act on behalf of an individual or legal entity possessing fee title or other possessory interest in the property for the purpose of consenting to inspection of such property.
**Short Environmental Assessment Form**

**Part 1 - Project Information**

**Instructions for Completing**

**Part 1 – Project Information.** The applicant or project sponsor is responsible for the completion of Part 1. 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.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

<table>
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<tr>
<th><strong>Part 1 – Project and Sponsor Information</strong></th>
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<tr>
<td>NYS Office of Parks, Recreation and Historic Preservation</td>
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<tr>
<th>Name of Action or Project:</th>
<th>Replacement of Dam/Spillway at Connetquot State Park Preserve</th>
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<tr>
<th>Project Location (describe, and attach a location map):</th>
<th>Connetquot State Park Preserve, Islip, NY</th>
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<th>Brief Description of Proposed Action:</th>
<th>This project proposes to replace an existing dam/spillway and install a new fish passage within the Connetquot State Park due to deteriorating conditions. Please see attached documentation.</th>
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<th>Name of Applicant or Sponsor:</th>
<th>Vesna Hadzibabic, PE, LEED AP BD+C</th>
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<tr>
<th>Telephone:</th>
<th>516.669.1000</th>
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<tr>
<th>E-Mail:</th>
<th><a href="mailto:Vesna.Hadzibabic@parks.ny.gov">Vesna.Hadzibabic@parks.ny.gov</a></th>
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<tr>
<th>Address:</th>
<th>625 Belmont Ave</th>
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<table>
<thead>
<tr>
<th>City/PO:</th>
<th>West Babylon</th>
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<th>Zip Code:</th>
<th>11704</th>
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1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation?  
   If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.  
   **YES**  
   **NO**

2. Does the proposed action require a permit, approval or funding from any other government Agency?  
   If Yes, list agency(s) name and permit or approval; NYSDEC and NYSDOES  
   **YES**  
   **NO**

3.  
   a. Total acreage of the site of the proposed action?  
   **0.10 acres**  
   b. Total acreage to be physically disturbed?  
   **0.10 acres**  
   c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?  
   **3473 acres**

4. Check all land uses that occur on, are adjoining or near the proposed action:  
   - **Urban**  
   - **Rural (non-agriculture)**  
   - **Industrial**  
   - **Commercial**  
   - **Residential (suburban)**  
   - **Forest**  
   - **Agriculture**  
   - **Aquatic**  
   - **Other (Specify):**  
   - **Parkland**
5. Is the proposed action,  
   a. A permitted use under the zoning regulations?  
      | NO | YES | N/A |
      |    | ☑   |     |
   b. Consistent with the adopted comprehensive plan?  
      | ☑ |     | N/A |

6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?  
   | NO | YES | 
   |    | ☑   |

7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area?  
   If Yes, identify:  
   | NO | YES | 
   |    | ☑   |

8. a. Will the proposed action result in a substantial increase in traffic above present levels?  
      | NO | YES | 
      |    | ☑   |
   b. Are public transportation services available at or near the site of the proposed action?  
      | YES| 
   c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?  
      | YES| 

9. Does the proposed action meet or exceed the state energy code requirements?  
   If the proposed action will exceed requirements, describe design features and technologies:  
   | NO | YES | 
   |    | ☑   |

10. Will the proposed action connect to an existing public/private water supply?  
    If No, describe method for providing potable water:  
    | NO | YES | 
    |    | ☑   |

11. Will the proposed action connect to existing wastewater utilities?  
    If No, describe method for providing wastewater treatment:  
    | NO | YES | 
    |    | ☑   |

12. a. 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?  
       Dam/Spillway is adjacent to the Nicolls Grist Mill. It was built in 1751 and has been restored to working order.  
       | NO | YES | 
       |    | ☑   |
   b. 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?  
      | YES| 

13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?  
      | NO | YES | 
      |    | ☑   |
   b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?  
      | NO | YES | 
      |    | ☑   |

   If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres:  
   This project is between the Upper Main Pond and the Lower Pond. See plans for details. Three new concrete walls along the ponds edge have lengths of 26' (10' wide), 82' (6' wide) and 50' (8' wide) to prevent erosion of roadway and protect the new spillway. Total of 110sf of alterations for the concrete wall. The tiers of the new fish passage extend into the Lower Pond for an area of 25' x 35' = 700sf of alterations due to the new fish passage.
14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:
- Shoreline  
- Forest  
- Agricultural/grasslands  
- Early mid-successional  
- Wetland  
- Urban  
- Suburban

15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered?
- Bald Eagle, Northern Long-eared bat

16. Is the project site located in the 100-year flood plan?

17. Will the proposed action create storm water discharge, either from point or non-point sources?
   - Yes, will storm water discharges flow to adjacent properties?
     - Yes, will storm water discharges be directed to established conveyance systems (runoff and storm drains)?
   - Briefly describe:

18. Does the proposed action include construction or other activities that would result in the impoundment of water or other liquids (e.g., retention pond, waste lagoon, dam)?
   - If Yes, explain the purpose and size of the impoundment:

19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility?
   - If Yes, describe:

20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?
   - If Yes, describe:

I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Applicant/sponsor/name: Vesna Hadzibabic, PE, LEED AP BD+C  
Date: 07/29/2022  
Signature: [Signature]  
Title: Long Island Capital District Manager
Part 1 / Question 7 [Critical Environmental Area] No
Part 1 / Question 12a [National or State Register of Historic Places or State Eligible Sites] Yes
Part 1 / Question 12b [Archeological Sites] Yes
Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies] Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
Part 1 / Question 15 [Threatened or Endangered Animal] Yes
Part 1 / Question 15 [Threatened or Endangered Animal - Name] Bald Eagle, Northern Long-eared Bat
Part 1 / Question 16 [100 Year Flood Plain] Yes
Part 1 / Question 20 [Remediation Site] No
1. Applicant Name: Vesna Hadzibabic, PE, LEED AP BD+C, Long Island District Mgr

2. Applicant Address: 625 Belmont Ave, West Babylon, NY 11704

3. Project/Facility Name: Dam Spillway Bridge Replacement at Connetquot State Park Preserve

4. Project/Facility Location: SEE ATTACHMENTS FOR PROJECT DESCRIPTION, PLANS AND PHOTOGRAPHS

5. Is the proposed project adjacent to, or does it contain a building or structure listed in the State or National Register of Historic Places? □ Yes □ No

6. Are there any buildings or structures 50 years old or older adjacent to or within the proposed project area? □ Yes □ No

If the answer to question 5 and/or 6 is yes, provide the following information for each building and structure (use attachments if necessary):

a. Name of structure: Nicoll Grist Mill

b. Location: Adjacent to the project - SEE ATTACHED PLANS

c. Type of structure (ex. house, outbuilding, barn, bridge, dam, ruins): Mill Building

d. Approximate age or date of construction: 1751

7. Might the proposed project have any impact (physical/visual) upon any buildings or structures listed in the State or National Register of Historic Places or 50 years old or older? □ Yes □ No

If yes, describe briefly (use attachments if necessary):
8. Provide photographs of every building and structure that may be impacted by the project as described in number 7, on the opposite side of this page. The following standards are recommended:
   - Minimum of 2 photographs
   - Photographs must be 3.5” x 5” in size or larger
   - Photos must be clear and focused
   - Digital photographs must be printed on photo paper and be produced at a printer setting of a minimum of 600 dpi
   - Clearly label photos so it is obvious what is being illustrated; key photos to map or plan, if possible
   - Photo 1: show both the entire front and side of the structure in a single shot from as close to the building as possible. Be sure the structure is not partially or fully blocked by trees or other obstructions
   - Photo 2: show relationship of building or structure to roadway or surroundings

9. Has the land within the proposed project area been previously disturbed or altered (excavated, landscaped, filled, utilities installed)?
   - Yes  [ ]
   - No  [ ]

   If yes, describe briefly, including depth of disturbance (use attachments if necessary):
   The land within the proposed project areas was originally disturbed to construct the bridge over the fish ramps.

10. Approximate percentage of proposed project area with slopes:
   - 0-10%  10%  
   - 10-15%  
   - 15% or greater  

11. Approximate percentage of proposed project site with the following drainage characteristics:
   - Well drained  100%  
   - Moderately well drained  
   - Poorly drained  

Prepared By (Print or type name): Vesna Hadzibabic, PE, LEED AP BD+C, LI District Manager, NYS Parks
Signature: ___________________________ Date: 07/09/2022

RESET PART 1
PART 2 – DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC) COMPLETES

APPLICANT/PROJECT INFORMATION

1. Applicant Name:

2. Project/Facility Name:

3. DEC Number:

BUILDINGS AND STRUCTURES

4. Might the proposed project have any impact (physical/visual) upon any buildings or structures listed in the State or National Register of Historic Places or 50 years old or older? □ Yes □ No

If yes, DEC must consult with the Office of Parks, Recreation and Historic Preservation (OPRHP). DEC must request a determination of eligibility for the State Register of Historic Places and/or comments regarding project impact. Include information supplied by the applicant in response to questions 5, 6, 7 and 8 of Part 1 of this form.

ARCHAEOLOGICAL SITES

5. Does the proposed project area coincide with a circle, square or stippled area on OPRHP’s Statewide Archaeological Inventory Map? □ Yes □ No

6. Is the proposed project area outside of a circle or square, but one for which information has been provided (ex: documented reports of known sites) that suggests the area is archaeologically sensitive? □ Yes □ No

If yes, what is the nature and source of information?

7. Is the proposed project area apparently undisturbed? □ Yes □ No

8. Will the proposed action include a physical disturbance of the project area? □ Yes □ No

9. Is the slope in the area characteristically less than 15% (unless on limestone/flint escarpments)? □ Yes □ No

DEC SECTION CONTINUES ON REVERSE SIDE
10. Is the proposed project area characteristically moderately well or well drained? □ Yes □ No

If the answers to 5, 7-10 are yes, an archaeological survey should be performed by the applicant. Provide the applicant with a copy of or the link to the State Historic Preservation Office Phase 1 Archaeological Report Format Requirements (08/05).

If the answer to 5 is no, but answers to 6-10 are yes, DEC must consult with OPRHP before requiring that the applicant perform an archaeological survey.

RESULTS OF EVALUATION

□ SHPA-1 No buildings, structures or archaeological sites identified at the project location.

□ SHPA-2 Buildings, structures or archaeological sites identified, but no impacts will occur, no survey required. No further cultural resources review required.

□ Consultation by DEC with OPRHP required.

□ Structures

□ Archaeology

□ Archaeological survey required.

Prepared by: Date:
NEW YORK STATE DEPARTMENT OF STATE
COASTAL MANAGEMENT PROGRAM

Coastal Assessment Form

A INSTRUCTIONS (Please print or type all answers)

1. State agencies shall complete this CAF for proposed actions which are subject to Part 600 of Title 19 of the NYCRR. This assessment is intended to supplement other information used by a state agency in making a determination of significance pursuant to the State Environmental Quality Review Act (see 6 NYCRR, Part 617). If it is determined that a proposed action will not have a significant effect on the environment, this assessment is intended to assist a state agency in complying with the certification requirements of 19 NYCRR Section 600.4.

2. If any question in Section C on this form is answered "yes", then the proposed action may affect the achievement of the coastal policies contained in Article 42 of the Executive Law. Thus, the action should be analyzed in more detail and, if necessary, modified prior to either (a) making a certification of consistency pursuant to 19 NYCRR Part 600 or, (b) making the findings required under SEQRA, 6 NYCRR, Section 617.11, if the action is one for which an environmental impact statement is being prepared. If an action cannot be certified as consistent with the coastal policies, it shall not be undertaken.

3. Before answering the questions in Section C, the preparer of this form should review the coastal policies contained in 19 NYCRR Section 600.5. A proposed action should be evaluated as to its significant beneficial and adverse effects upon the coastal area.

B DESCRIPTION OF PROPOSED ACTION

1. Type of state agency action (check appropriate response):
   (a) Directly undertaken (e.g. capital construction, planning activity, agency regulation, land transaction) ___
   (b) Financial assistance (e.g. grant, loan, subsidy) ___
   (c) Permit, license, certification X

2. Describe nature and extent of action: Dam Spillway Bridge Replacement at Connetquot State Park Preserve

SEE ATTACHMENTS FOR PROJECT DESCRIPTION

3. Location of action:

   Suffolk County
   Islip City, Town or Village
   Connetquot State Park Preserve Street or Site Description

4. If an application for the proposed action has been filed with the state agency, the following information shall be provided:
   (a) Name of applicant: Vesna Hadzibabic, PE, LEED AP BD+C
   (b) Mailing address: NYS Office of Parks, Recreation and Historic Preservation
       625 Belmont Ave, West Babylon, NY 11704
   (c) Telephone Number: Area Code (516) 669-1000
   (d) State agency application number:

5. Will the action be directly undertaken, require funding, or approval by a federal agency?

   Yes  No  X  If yes, which federal agency?

C COASTAL ASSESSMENT (Check either “YES” or “NO” for each of the following questions)

1. Will the proposed activity be located in, or contiguous to, or have a significant effect upon any of the resource areas identified on the coastal area map?

   (a) Significant fish or wildlife habitats? X
   (b) Scenic resources of statewide significance? X
   (c) Important agricultural lands? X

2. Will the proposed activity have a significant effect upon:

   (a) Commercial or recreational use of fish and wildlife resources? X
   (b) Scenic quality of the coastal environment? X
   (c) Development of future, or existing water dependent uses? X
   (d) Operation of the State's major ports? X
   (e) Land and water uses within the State's small harbors? X
   (f) Existing or potential public recreation opportunities? X
   (g) Structures, sites or districts of historic, archeological or cultural significance to the State or nation? X

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3. Will the proposed activity involve or result in any of the following:

(a) Physical alteration of two (2) acres or more of land along the shoreline, land under water or coastal waters? [ ]

(b) Physical alteration of five (5) acres or more of land located elsewhere in the coastal area? [ ]

(c) Expansion of existing public services of infrastructure in undeveloped or low density areas of the coastal area? [ ]

(d) Energy facility not subject to Article VII or VIII of the Public Service Law? [ ]

(e) Mining, excavation, filling or dredging in coastal waters? [ ]

(f) Reduction of existing or potential public access to or along the shore? [ ]

(g) Sale or change in use of state-owned lands located on the shoreline or under water? [ ]

(h) Development within a designated flood or erosion hazard area? [ ]

(i) Development on a beach, dune, barrier island or other natural feature that provides protection against flooding or erosion? [ ]

4. Will the proposed action be located in or have a significant effect upon an area included in an approved Local Waterfront Revitalization Program? [ ]

D. SUBMISSION REQUIREMENTS

If any question in Section C is answered "Yes", AND either of the following two conditions is met:

Section B.1(a) or B.1(b) is checked, or
Section B.1(c) is checked AND B.5 is answered "Yes",

THEN a copy of this completed Coastal Assessment Form shall be submitted to:

New York State Department of State
Office of Coastal, Local Government and Community Sustainability
One Commerce Plaza
99 Washington Avenue, Suite 1010
Albany, New York 12231-0001

If assistance or further information is needed to complete this form, please call the Department of State at (518) 474-6000.

E. REMARKS OR ADDITIONAL INFORMATION

Preparer's Name: Vesna Hadzibabic, PE, LEED AP BD+C

(Please print)

Title: Long Island Capital District Manager

Agency: NYS Parks Recreation and Historic Preservation

Telephone Number: (516) 669-1000

Date: 07/29/2022
Appendix 3

SUPPLEMENTAL INFORMATION

PROPOSED PLAN AND ELEVATION
PROJECT AREA MAP
QUAD MAP – 20190925 NY BAY SHORE
NATIONAL WETLANDS INVENTORY MAP – CONNETQUOT STATE PARK
PRESERVE
NYSDEC WETLAND MAPPER (NATURAL COMMUNITIES)
NYSDEC WETLAND MAPPER (FRESHWATER WETLANDS)
NYSDEC WETLAND MAPPER (RARE PLANTS AND ANIMALS)
NATIONAL WETLANDS INVENTORY MAP – TOPOGRAPHY
100 YEAR FLOOD MAP A
100 YEAR FLOOD MAP B
PROJECT AREA MAP
PROJECT LOCATION

CONNETQUOT RIVER STATE PARK PRESERVE, NY

NY BAY SHORE 20190925 QUAD MAP