

**HONORABLE BOARD OF LEGISLATORS
THE COUNTY OF WESTCHESTER, NEW YORK**

Your Committee is in receipt of a bond act (the “Bond Act”) in the amount of \$5,000,000, which, if approved, would authorize the County of Westchester (“County”) to finance Capital Project RMAC4 – Woodlands Lake Dam at V.E. Macy Park (“RMAC4”). The Bond Act, which was prepared by the law firm Hawkins, Delafield & Wood, LLP, would finance the cost of the removal of a portion of the existing Woodlands Lake Dam at V.E. Macy Park in Ardsley, stabilize and reconstruct the river adjacent to the dam, replace the bridge and railing, as well as associated infrastructure and site work.

The Department of Parks, Recreation and Conservation (the “Department”) has advised that this project provides funding for extensive repairs to the component dam, bridge and sidewalk, as well as the decommissioning of the dam. This dam is in poor condition and is within the permitting threshold of the New York State Department of Environmental Conservation. Work under this project will include rebuilding the masonry, repairs to the bridge structure, repointing and regrouting, installation of shot-crete, concrete and reinforcement bars, as well as waterproofing, railing replacement, and new asphalt pavement, site work, and safety items such as additional railing, curbing and shoreline stabilization adjacent to the dam and spillway and complete revegetation of the former lake basin.

Your Committee is advised that design is currently underway using outside consultants and is expected to be completed by the 1st Quarter of 2021. It is anticipated that construction will take approximately eighteen (18) months and shall begin after award and execution of the construction contracts.

The Planning Department has advised that, based on its review, this project falls within the definition of a “Type I” Action under Article 8 of SEQRA and its implementing regulations 6 NYCRR Part 617, which requires an assessment of environmental impacts. Your Committee has carefully considered the proposed legislation. It has reviewed the attached Full Environmental Assessment Form (EAF) and the criteria contained in Section 617.7 of the SEQRA regulations, to identify the relevant areas of environmental concern. For the reasons set forth in the attached EAF, your Committee believes that the proposed action will not have any significant adverse impact on

the environment and urges your Honorable Board to adopt the annexed resolution by which this Board would issue a Negative Declaration for this proposed action.

It should be noted that an affirmative vote of two-thirds of the members of your Honorable Board is required in order to adopt the Bond Act. Your Committee recommends the adoption of the proposed Bond Act.

Dated: _____, 2021
White Plains, New York

W. J. Swill

Carroll

COMMITTEE ON

C:jpg/12-24-2020

Parks & Recreation

*Public Works
& Transportation*

*Budget &
Appropriation*

Dated: April 26, 2021
White Plains, New York

The following members attended the meeting remotely, as per Governor Cuomo's Executive Order 202.1 and approved this item out of Committee with an affirmative vote. Their electronic signature was authorized and is below.

Committee(s) on:

Parks & Recreation

David Q. Jablonski
Klammont R. Maher
Mary Jane Skimsky
Ruth Walter

Budget & Appropriations

David Q. Jablonski
Klammont R. Maher
Margaret A. Cunzio
Alfreda Wilkin
Nancy E. Pan
David Q. Jablonski
Ruth Walter
Ty H. [Signature]

Public Works & Transportation

David Q. Jablonski
Mary Jane Skimsky
David Q. Jablonski
Ruth Walter
Ty H. [Signature]

FISCAL IMPACT STATEMENT

CAPITAL PROJECT #: RMAC4

NO FISCAL IMPACT PROJECTED

SECTION A - CAPITAL BUDGET IMPACT

To Be Completed by Budget

GENERAL FUND

AIRPORT FUND

SPECIAL DISTRICTS FUND

Source of County Funds (check one):

Current Appropriations

Capital Budget Amendment

SECTION B - BONDING AUTHORIZATIONS

To Be Completed by Finance

Total Principal \$ 5,000,000 PPU 30 Anticipated Interest Rate 1.61%

Anticipated Annual Cost (Principal and Interest): \$ 208,736

Total Debt Service (Annual Cost x Term): \$ 6,262,080

Finance Department: Interest rate from March 4, 2021 Bond Buyer

SECTION C - IMPACT ON OPERATING BUDGET (exclusive of debt service)

To Be Completed by Submitting Department and Reviewed by Budget

Potential Related Expenses (Annual): \$ -

Potential Related Revenues (Annual): \$ -

Anticipated savings to County and/or impact of department operations

(describe in detail for current and next four years):

SECTION D - EMPLOYMENT

As per federal guidelines, each \$92,000 of appropriation funds one FTE Job

Number of Full Time Equivalent (FTE) Jobs Funded: 54

SECTION E - EXPECTED DESIGN WORK PROVIDER

County Staff

Consultant

Not Applicable

Prepared by: Ken Uhle

Title: Program Coord. Capital Planning-PRC

Department: DPW&T

Date: 3/15/21

Reviewed By: 

Dep. Budget Director

Date: 3/16/21

**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 project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Sponsor Information.

| | | |
|---|-----------------|---------------------------------|
| Name of Action or Project: Woodlands Lake Dam at V.E. Macy Park (RMAC4) | | |
| Project Location (describe, and attach a general location map): Saw Mill River Parkway, Village of Irvington, Westchester County, New York | | |
| Brief Description of Proposed Action (include purpose or need): Westchester County is proposing that the dam be rehabilitated by partially removing the existing dam structure and managing future flows through the existing land and dam with an adequately sized outlet structure and control channel. The purpose of the proposed action is to decommission the existing dam. Proposed improvements to the project site include removal of the existing bridge and consequent replacement with a pre-engineered bridge. Proposed modifications to Woodlands Lake include a new low-flow channel and a series of armored stone weirs. Re-grading and bank stabilization using riprap are proposed practices to ensure that landscaping improvements accommodate wildlife habitat and maintain the aesthetic appeal of the park. | | |
| Name of Applicant/Sponsor: County of Westchester | | Telephone: (914) 995-2000 |
| | | E-Mail: |
| Address: 148 Martine Avenue | | |
| City/PO: White Plains | State: New York | Zip Code: 10601 |
| Project Contact (if not same as sponsor; give name and title/role): David Kvinge, Director of Environmental Planning | | Telephone: (914) 995-4400 |
| | | E-Mail: dsk2@westchestergov.com |
| Address: 148 Martine Avenue, 4th Floor | | |
| City/PO: White Plains | State: NY | Zip Code: 10601 |
| Property Owner (if not same as sponsor): | | Telephone: |
| | | E-Mail: |
| Address: | | |
| City/PO: | State: | Zip Code: |

B. Government Approvals

| 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 Council, Town Board, <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No or Village Board of Trustees | | |
| b. City, Town or Village <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Planning Board or Commission | | |
| c. City Council, Town or <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Village Zoning Board of Appeals | | |
| d. Other local agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| e. County agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | NYSDEC: Dams & Impoundment Structures, Stream Disturbance, 401 Water Quality Cert. | October 2019 |
| h. Federal agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | US Army Corps of Engineers: Section 404 Clean Water Act, Nationwide Permit 53 | October 2019 |
| i. Coastal Resources. | | |
| 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? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <ul style="list-style-type: none"> • 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? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? | <input type="checkbox"/> Yes <input type="checkbox"/> 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?) | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| If Yes, identify the plan(s): Hudson River Valley Greenway | |
| _____ | |
| _____ | |
| 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? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| If Yes, identify the plan(s): The County park is listed in the Open Space Inventory associated with Irvington's 2003 Comprehensive Plan, but is not specifically addressed in the Village's 2018 Comprehensive Plan Update. | |
| _____ | |
| _____ | |

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. Yes No
 If Yes, what is the zoning classification(s) including any applicable overlay district?
 1F-40 One Family Residence District _____

b. Is the use permitted or allowed by a special or conditional use permit? Yes No

c. Is a zoning change requested as part of the proposed action? 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? Ardsley

b. What police or other public protection forces serve the project site?
Westchester County Department of Public Safety and Village of Irvington Police Department

c. Which fire protection and emergency medical services serve the project site?
Irvington Fire Department, Irvington EMS

d. What parks serve the project site?
Woodlands Lake is within the V.E. Macy County 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)? Decommissioning of existing dam and stream restoration within a recreational park.

b. a. Total acreage of the site of the proposed action? _____ 7 acres
 b. Total acreage to be physically disturbed? _____ 5.7 acres
 c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ 172 acres

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 proposed action be constructed in multiple phases? Yes No
 i. If No, anticipated period of construction: _____ 12 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: _____

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

| | <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)? 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)
 If Yes:

i. What is the purpose of the excavation or dredging? decommissioning of dam and implementation of low-flow channel

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

- Volume (specify tons or cubic yards): none
- Over what duration of time? NA

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.
Sandy loam sediments and wet substratum soil types to be excavated and dredged. Plan to be relocated and managed on-site as part of project.

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? _____ 3 acres

vi. What is the maximum area to be worked at any one time? _____ 1 acres

vii. What would be the maximum depth of excavation or dredging? _____ 10 feet

viii. Will the excavation require blasting? Yes No

ix. Summarize site reclamation goals and plan: _____

The goal of the project is to decommission the existing dam and reclassify it as a Class D hazard classification dam. By decommissioning the dam, the Saw Mill River will be reverted back to its original state of a flowing river as the breached dam will no longer hold an impoundment under normal flow conditions.

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? 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): Woodlands Lake (1301-0103)

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:
 Decommissioning of dam will require excavation, fill, placement of structures, and alteration of channels, banks, and shorelines. Modifications include partial removal of existing dam structure and management of future flows through the existing land and dam with an adequately sized outlet structure and control channel. Proposed improvements include removal of the existing bridge, replacement with a preengineered bridge, new lowflow channel, series of armor stone weirs, regrading bank stabilization, and landscaping improvements.

iii. Will proposed action cause or result in disturbance to bottom sediments? Yes No
 If Yes, describe: Excavation of bottom sediments will occur to modify stream flow and implement vortex stone weirs.

iv. Will 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? 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), maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? 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 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? 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 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? 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 Hydrofluorocarbons (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 semi-trailer truck trips/day: _____

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 ½ 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

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: _____ 7am-7pm _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ | <p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ N/A _____ • Saturday: _____ N/A _____ • Sunday: _____ N/A _____ • Holidays: _____ N/A _____ |
|--|---|

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? Yes No
 If yes:
 i. Provide details including sources, time of day and duration:
 Excavation equipment/demolition practices during the construction times listed above.

ii. Will 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:
 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? 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? Yes No
 If Yes:
 i. Product(s) to be stored _____
 ii. Volume(s) _____ per unit time _____ (e.g., month, year)
 iii. Generally describe 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):

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
 If Yes:
 i. Describe any solid waste(s) to be generated during construction or operation of the facility:
 • Construction: Demolition debris 1,300+/- tons per _____ 6 months (unit of time)
 • Operation : _____ 0 tons per _____ N/A (unit of time)
 ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:
 • Construction: The portion of existing stone masonry that will be removed from the dam will be reused as riprap.

 • Operation: N/A

 iii. Proposed disposal methods/facilities for solid waste generated on-site:
 • Construction: Demolished materials that will not be reused will be disposed of at a location proposed by the contractor and approved by the owner. The disposal facility shall provide proof of compliance with federal state and local requirements prior to approval.

 • Operation: N/A

s. Does the proposed action include construction or modification of a solid waste management facility? Yes No
 If Yes:
 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 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:
 NA there will be no involvement of hazardous waste at the site.

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): _____
 ii. If mix of uses, generally describe:
 Surrounding land use is residential; site extents are within the VE Macy Park (forest).

b. Land uses and covertypes on the project site.

| Land use or Coverture | Current Acreage | Acreage After Project Completion | Change (Acres +/-) |
|--|-----------------|----------------------------------|--------------------|
| • Roads, buildings, and other paved or impervious surfaces | 0.1 | 0.1 | 0 |
| • Forested | | | |
| • Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural) | 1.5 | 5 | +3.5 |
| • Agricultural (includes active orchards, field, greenhouse etc.) | | | |
| • Surface water features (lakes, ponds, streams, rivers, etc.) | 5.4 | 1.9 | -3.5 |
| • 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: Woodlands Lake is within a county public 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: _____ Approx. 15 feet
 • Dam length: _____ Approx. 128 feet
 • Surface area: _____ Approx. 3.5 acres
 • Volume impounded: _____ Approx. 19.8 gallons-OR acre-feet
 ii. Dam's existing hazard classification: Class B
 iii. Provide date and summarize results of last inspection:
NYSDEC inspection letter dated April 9, 2019: Heavy flow through the spillway obstructed the downstream face and apron along the toe. Vine and brush growth were observed along the toe which should be cleared. Spillways appeared generally free of debris. Concrete at spillway piers had deterioration.

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
 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): 0101688
 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):
20 gallon diesel spill - closed 7/23/2001.

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

a. What is the average depth to bedrock on the project site? _____ 7 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:

| | |
|--|-------------|
| <u>Uc-Udorthents wet substratum</u> | <u>38 %</u> |
| <u>Ff-Fluvaquents-Udfluvents complex</u> | <u>7 %</u> |
| <u>CrC-Charlton Chatfield complex</u> | <u>17 %</u> |

d. What is the average depth to the water table on the project site? Average: _____ 6 feet

e. Drainage status of project site soils: Well Drained: _____ % of site
 Moderately Well Drained: 50 % of site
 Poorly Drained: 50 % of site

f. Approximate proportion of proposed action site with slopes: 0-10%: 100 % 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 859-3, 859-4 Classification A B/T
- Lakes or Ponds: Name Woodlands Lake Classification A
- Wetlands: Name Federal Waters, Federal Waters, Federal Waters... Approximate Size 13 acres
- Wetland No. (if regulated by DEC) _____

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: _____

Name - Pollutants - Uses: Saw Mill River, Middle, and tribs - Pathogens, Nutrients, D.O./Oxygen Demand, Aesthetics, Pesticides - Rec...

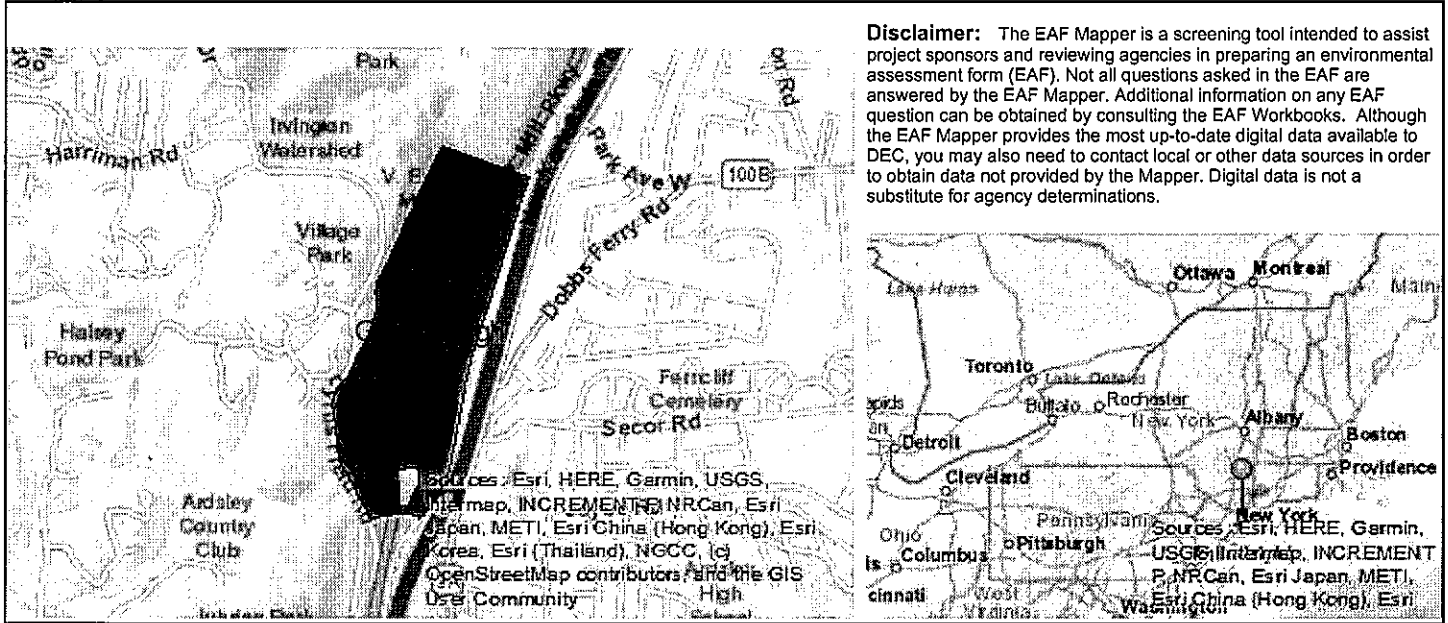
i. Is the project site in a designated Floodway? Yes No

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

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

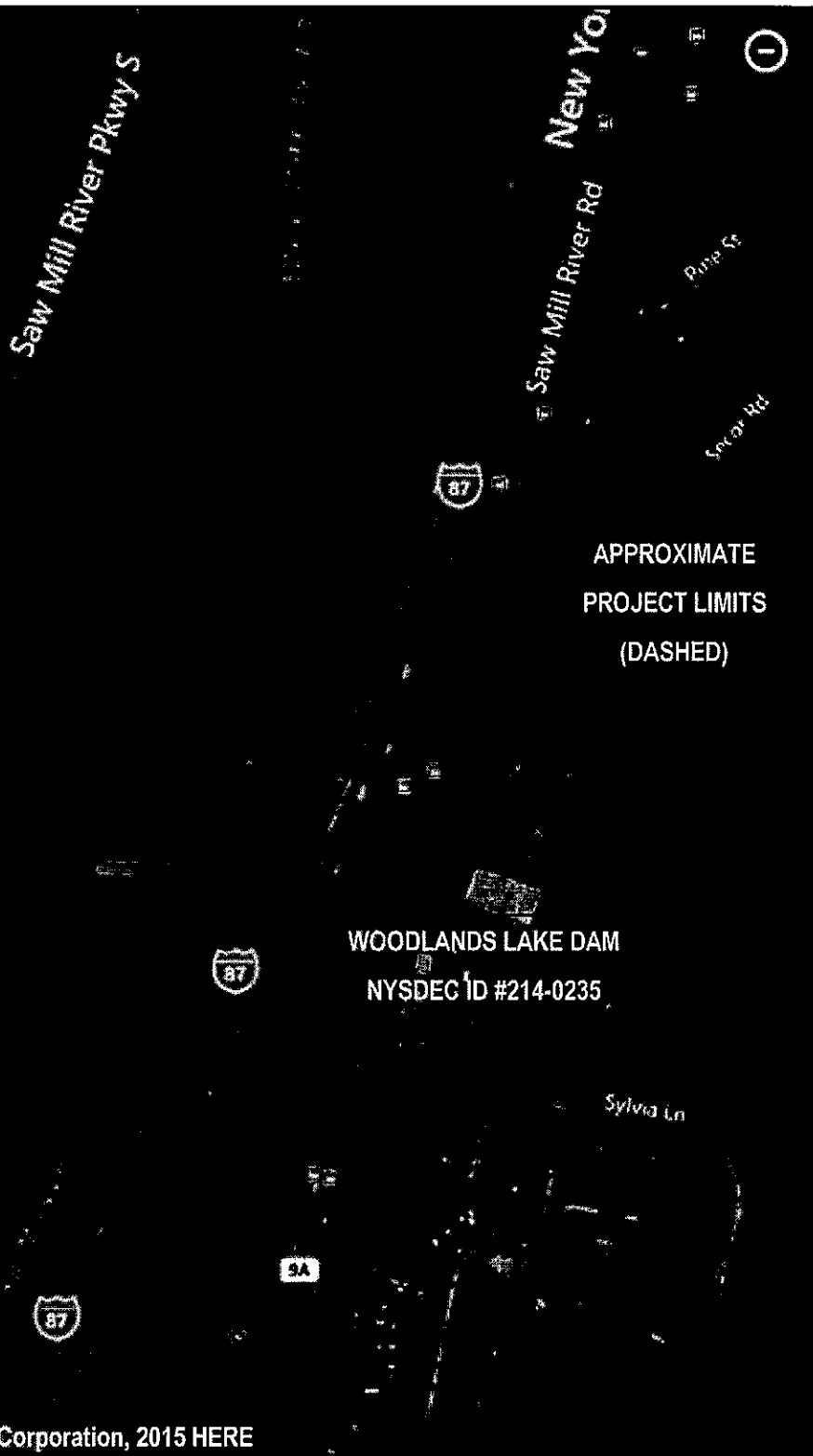
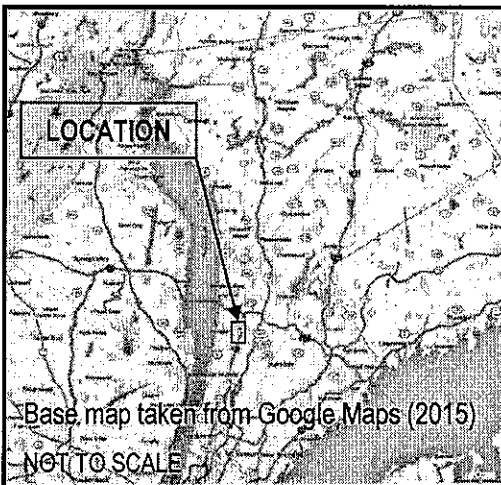
l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? Yes No
 If Yes:
 i. Name of aquifer: Principal Aquifer

| | |
|--|--|
| <p>m. Identify the predominant wildlife species that occupy or use the project site: _____</p> <p>Waterfowl & Shore birds, including: _____ Fish in the Saw Mill River include: _____</p> <p>Canada Goose, Mallard, _____ Sunfish, Dace, Darter, Sucker, Bass _____</p> <p>Great Blue Heron _____</p> | |
| <p>n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe the habitat/community (composition, function, and basis for designation): _____</p> <p>ii. Source(s) of description or evaluation: _____</p> <p>iii. Extent of community/habitat:</p> <ul style="list-style-type: none"> • Currently: _____ acres • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ acres | |
| <p>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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | |
| <p>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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | |
| <p>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</p> <p>If yes, give a brief description of how the proposed action may affect that use: _____</p> <p>Although the removal of the dam will eliminate the lake, the restoration of the Saw Mill River will allow for continued fishing opportunity. _____</p> | |
| <p>E.3. Designated Public Resources On or Near Project Site</p> | |
| <p>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</p> <p>If Yes, provide county plus district name/number: _____</p> | |
| <p>b. Are agricultural lands consisting of highly productive soils present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>i. If Yes: acreage(s) on project site? _____</p> <p>ii. Source(s) of soil rating(s): _____</p> | |
| <p>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</p> <p>If Yes:</p> <p>i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature</p> <p>ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____</p> <p>_____</p> <p>_____</p> | |
| <p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. CEA name: Juhring Estate, Floodplains, County & State Park Lands, Watershed Properties _____</p> <p>ii. Basis for designation: Drainage and open space resource, Protect water & natural area, Exceptional or unique character _____</p> <p>iii. Designating agency and date: Agency: Dobbs Ferry, Village of, Agency: Greenburgh, Town of, Agency: Westchester County, ... _____</p> | |



| | |
|--|---|
| 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] | 859-3, 859-4 |
| E.2.h.iv [Surface Water Features - Stream Classification] | A, B(T) |
| E.2.h.iv [Surface Water Features - Wetlands Name] | Federal Waters |
| E.2.h.v [Impaired Water Bodies] | Yes |
| E.2.h.v [Impaired Water Bodies - Name and Basis for Listing] | Name - Pollutants - Uses: Saw Mill River, Middle, and tribs - Pathogens; Nutrients; D.O./Oxygen Demand; Aesthetics; Pesticides - Recreation; Fish Consumption; Public Bathing; Aquatic Life, Upper, and tribs - Pesticides - Fish Consumption |

| | |
|--|---|
| E.2.i. [Floodway] | Yes |
| E.2.j. [100 Year Floodplain] | Yes |
| E.2.k. [500 Year Floodplain] | Yes |
| E.2.l. [Aquifers] | Yes |
| E.2.l. [Aquifer Names] | Principal Aquifer |
| E.2.n. [Natural Communities] | No |
| E.2.o. [Endangered or Threatened Species] | No |
| E.2.p. [Rare Plants or Animals] | No |
| E.3.a. [Agricultural District] | No |
| E.3.c. [National Natural Landmark] | No |
| E.3.d [Critical Environmental Area] | Yes |
| E.3.d [Critical Environmental Area - Name] | Juhring Estate, Floodplains, County & State Park Lands, Watershed Properties |
| E.3.d.ii [Critical Environmental Area - Reason] | Drainage and open space resource, Protect water & natural area, Exceptional or unique character |
| E.3.d.iii [Critical Environmental Area – Date and Agency] | Agency:Dobbs Ferry, Village of, Agency:Greenburgh, Town of, Agency:Westchester County, Date:1-27-96, Date:1-30-79, Date:1-31-90 |
| E.3.e. [National or State Register of Historic Places or State Eligible Sites] | Digital mapping data are not available or are incomplete. Refer to EAF Workbook. |
| E.3.f. [Archeological Sites] | Yes |
| E.3.i. [Designated River Corridor] | No |



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GHD CAZENOVIA, NEW YORK
 DATE: 08/2015
 JOB No.: 8616100

WESTCHESTER COUNTY
 DPWT & DPRC
WOODLANDS LAKE DAM

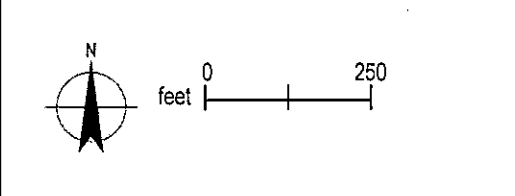


FIGURE 1
 LOCATION MAP

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

Agency Use Only [If applicable]

Project :

Date :

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) <input type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a - j. If "No", move on to Section 2.</i> | | | |
|--|-----------------------------|-------------------------------|------------------------------------|
| | 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 type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may involve construction on slopes of 15% or greater. | E2f | <input 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 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 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 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 type="checkbox"/> | <input type="checkbox"/> |
| g. The proposed action is, or may be, located within a Coastal Erosion hazard area. | B1i | <input 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 type="checkbox"/> | <input checked="" type="checkbox"/> |
| c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body. | D2a | <input type="checkbox"/> | <input checked="" 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 type="checkbox"/> | <input checked="" 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 type="checkbox"/> | <input checked="" 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 checked="" type="checkbox"/> | <input type="checkbox"/> |
| k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities. | D1a, D2d | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

| | | | |
|----------------------------------|--|--------------------------|--------------------------|
| I. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |
|----------------------------------|--|--------------------------|--------------------------|

4. Impact on groundwater
 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. NO YES
 (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 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 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 type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may include or require wastewater discharged to groundwater. | D2d, E2l | <input type="checkbox"/> | <input 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 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 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 type="checkbox"/> | <input type="checkbox"/> |
| h. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

5. Impact on Flooding
 The proposed action may result in development on lands subject to flooding. NO YES
 (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 type="checkbox"/> | <input checked="" type="checkbox"/> |

| | | | |
|----------------------------------|--|--------------------------|--------------------------|
| g. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |
|----------------------------------|--|--------------------------|--------------------------|

| 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: _____ | 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 type="checkbox"/> | <input checked="" 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: _____ | E1b | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides. | D2q | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| j. Other impacts: _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | |
|--|------------------------------------|--|---|
| 8. Impact on Agricultural Resources | | <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES |
| The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.) <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 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 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 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 type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may disrupt or prevent installation of an agricultural land management system. | E1 a, E1b | <input 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 type="checkbox"/> | <input type="checkbox"/> |
| g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan. | C2c | <input type="checkbox"/> | <input type="checkbox"/> |
| h. Other impacts: _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

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| 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 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. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource. | E3h | <input type="checkbox"/> | <input checked="" 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 checked="" 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 checked="" 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 checked="" type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input checked="" type="checkbox"/> |
| e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource. | E3h | <input checked="" 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 checked="" type="checkbox"/> | <input type="checkbox"/> |
| g. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

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| 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 or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places. | E3e | <input checked="" type="checkbox"/> | <input 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"/> |

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| 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 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 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 type="checkbox"/> | <input type="checkbox"/> |

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| 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"/> |

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| 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 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 a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA. | E3d | <input checked="" 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 checked="" 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 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 type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action will degrade existing transit access. | D2j | <input type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action will degrade existing pedestrian or bicycle accommodations. | D2j | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may alter the present pattern of movement of people or goods. | D2j | <input 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 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 type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may utilize more than 2,500 MWhrs per year of electricity. | D2k | <input 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 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"/> |

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| 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: <u>Temporary construction impacts.</u> | | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

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| 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.) <i>If "Yes", answer questions a - m. If "No", go to Section 17.</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 is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community. | E1d | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The site of the proposed action is currently undergoing remediation. | E1g, E1h | <input 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 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 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 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 type="checkbox"/> | <input type="checkbox"/> |
| g. The proposed action involves construction or modification of a solid waste management facility. | D2q, E1f | <input type="checkbox"/> | <input type="checkbox"/> |
| h. The proposed action may result in the unearthing of solid or hazardous waste. | D2q, E1f | <input 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 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 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 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 type="checkbox"/> | <input type="checkbox"/> |
| m. Other impacts: _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

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| 17. Consistency with Community Plans The proposed action is not consistent with adopted land use plans. <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (See Part 1. C.1, C.2. and C.3.) <i>If "Yes", answer questions a - h. If "No", go to Section 18.</i> | | | |
| | 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"/> |

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| 18. Consistency with Community Character The proposed project is inconsistent with the existing community character. <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES (See Part 1. C.2, C.3, D.2, E.3) <i>If "Yes", answer questions a - g. If "No", proceed to Part 3.</i> | | | |
| | 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"/> |

PRINT FULL FORM

Project : RMAC4

Date : February 2021

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.

See attachment.

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 County of Westchester, acting by and through its Board of Legislators, _____ 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: Woodlands Lake Dam at V.E. Macy Park (RMAC4)

Name of Lead Agency: County of Westchester

Name of Responsible Officer in Lead Agency: Malika Vanderberg

Title of Responsible Officer: Clerk and Chief Administrative Officer of the Westchester County Board of Legislators

Signature of Responsible Officer in Lead Agency:

Date:

Signature of Preparer (if different from Responsible Officer)

Dan Kvinge

Date:

March 4, 2021

For Further Information:

Contact Person: David S. Kvinge, Director of Environmental Planning

Address: 148 Martine Avenue, 4th floor, White Plains, NY 10601

Telephone Number: 914-995-4400

E-mail: dsk2@westchestergov.com

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>

PRINT FULL FORM

WOODLANDS LAKE DAM AT V.E. MACY PARK

EAF Part 3

Impact on Land

The project will have an impact on land as it will convert the current 5.4-acre lake site back into a river with adjoining floodplains. The removal of portions of the dam will allow land that was previously underwater to resurface and return to a vegetative state. Site alterations include regrading of the lake embankments, placement of riprap in select areas, installation of a widened low-flow channel with a series of stone weirs, and extensive plantings.

While there is no onsite data confirming the depth to the water table within the project area, it is anticipated that the project may have an impact on the local water table as a new equilibrium may be established under the new site conditions. Since the project involves removal of impounded water, the change would likely lean towards a lowering of the water table. Since the project is returning a segment of the watercourse back to its native riverine condition, the new equilibrium is anticipated to be consistent with the surrounding water table.

Although the average depth to bedrock is estimated at greater than 7 feet, existing record drawings show the presence of bedrock below the existing dam. The slope of the watercourse channel will vary to avoid excavating into bedrock.

The alterations will involve regrading, including excavation of the riverbed to establish a widened channel flow that will allow for decreased stream velocities and accommodate sufficient water flow during storm events. Most of the regrading will involve cut and fill within the project area. Any excess soils are anticipated to be redistributed at an adjacent cleared area of the park.

The project includes both temporary and permanent measures to control erosion. Temporary measures include best management practices in accordance with the *New York State Standards and Specifications for Erosion and Sediment Control*, as more fully described in the following section.

Permanent measures include the installation of grouted and ungrouted rip-rap on the downstream side of the breached dam. Riprap will be added at stormwater outfalls. Rock buttresses with live stakes will be installed along the west bank where the river flow will be turning. Newly exposed embankments will be stabilized by proper grading and landscaping with native shrubs and seeding. The resurfaced former lakebed will be re-vegetated with a mixture of wildlife food and shelter seed mix, wetland meadow mix and common rye. A biodegradable erosion control matting will be applied to ensure vegetation establishment. As such, this project will have a positive impact pertaining to land.

Impact on Surface Water

This project will have a substantial impact on existing surface waters within the project site, which includes Woodlands Lake, a 5.4-acre man-made lake that was created by the installation of a masonry dam within the Saw Mill River more than a century and a half ago. The NYSDEC water quality classification of the lake and stream below the existing dam is A. The stream north/upstream of the lake has been classified as B(T).

As previously described, the project involves decommissioning of the dam, which will result in the conversion of the lake back into a watercourse with adjoining floodplains.

In order to achieve a flow channel and diminished stream velocities, while accommodating fish habitat, the riverbed must be disturbed from the existing conditions. Additionally, the proposed design must meet the dam decommissioning requirement of no more than a one-foot rise in water elevation within the riverbed or no more rise than is typical for a comparable section of stream during a 100-year storm event. Dredging of 100 cubic yards of material or more may be required to accommodate a widened stream channel and the installation of vortex stone weirs. The stone weirs will drop the channel elevation at incremental steps and regulate stream flow.

Temporary turbidity will result from construction activity, but will not remain following completion of construction. A Stormwater Pollution Prevention Plan (SWPPP) has been developed that will minimize turbidity from upland erosion, runoff, and bottom sediment disturbance during construction. An SWPPP for post-construction is not required as there will be no increase in impervious surfaces.

Construction involving instream work is generally timed around the winter months, during periods of low flow. A coffer dam and flow bypasses will be installed to divert water flow and runoff around the area of work during construction. An existing onsite parking lot can be used for staging. Temporary erosion control measures will include silt fencing, check dams, stabilized construction entrances, catch basin sacks, stockpile protection, temporary mulching and seeding as needed and good housekeeping practices, among others, in conformance with *New York State Standards and Specifications for Erosion and Sediment Control*.

As previously mentioned, permanent erosion control measures will include the installation of riprap, rock buttresses with live stakes, native plantings, and no mow seed mixes covered by biodegradable erosion control blankets within the former lakebed. The proposed improvements will restore the river corridor and floodplains and promote a healthy riparian ecosystem.

Impact on Flooding

The project site is within the floodway as well as the 100-year flood zone. However, the project does not involve “development” per se, but rather the partial removal of existing structures within the floodway and the restoration of the floodplain. The dam has been assigned a Class B rating, which is an “Intermediate Hazard” dam. However, the dam could potentially be reclassified as a Class C “High Hazard” dam under current conditions/guidelines. The change to Class C would require significant modifications to the original dam structure and surrounding site to bring it into compliance with Class C requirements.

The proposed partial breaching of the existing dam will reduce its hazard classification to Class D, a “Negligible or No Hazard” dam. As the breached dam will no longer hold an impoundment under normal flow conditions, this will remove the risk of downstream flooding from an accidental breach of the dam. As required for the decommissioning of the dam, the planned breach has been designed to pass the 100-year frequency storm event while resulting in no more rise in water surface elevation than typical for a comparable section of stream. Based on the hydraulic analysis, the majority of the river will not see a change in water surface elevations under either normal flow or a 100-year frequency storm event. A few sections near the breached dam will see a drop in elevation. Any areas where the water surface elevation is projected to increase will remain within County property or within the undeveloped land adjacent to the New York State Thruway. The installation of a widened stream channel at the former lake site will allow for decreased stream velocities. As such, the project will eliminate the potential hazard situation and will not have an adverse impact on flooding.

Impact on Plants and Animals

The project will change the site from a lake habitat to a river/riparian habitat. The riverbed will be altered into a flow channel that will support aquatic life. The stone weirs of less than one-foot will create pools that will accommodate fish and allow for fish passage. The project includes an extensive planting plan that will restore the site to natural habitat that will support native wildlife. No endangered species have been identified by the EAF mapper that could be affected by the proposed modifications. Additionally, the New York Natural Heritage Program has no records of rare or state-listed animals or plants, or other significant natural communities at the project site or in its immediate vicinity.

Disturbance to wildlife will be limited to temporary displacement during construction. Construction is estimated to take approximately 12 months. The drawdown period will be slow enough to allow redistribution of wildlife and flow by-passes will maintain downstream water levels throughout construction. Overwintering wildlife that may reside at the site are predominantly common species that will be able to utilize the remaining unaffected areas of the 172-acre park.

There will be minimal tree removals—only four trees in excess of 6 inches in diameter at breast height (DBH) will need to be removed. Three of the trees to be removed are less than 8 inches DBH and are in front of the spillway. One tree is greater than 24 inches, but is too close to the dam and exhibits dead branches. Over 20 new trees, all native species, will be planted that will offset the tree removals.

Impact on Aesthetic Resources/Open Space & Recreation/Critical Environmental Areas

Woodlands Lake is not an officially designated scenic/aesthetic resource. However, it is within a County park that is open to the public year round for recreational enjoyment. All County parks within Westchester were designated as Critical Environmental Areas by the County for the variety of benefits they provide, including recreational, educational, social, cultural and ecological benefits.

The proposed modifications will replace the open lake with a riparian setting. While noticeably different, the vortex stone weir construct will be aesthetically appealing. An extensive planting plan has been developed to restore the site to native floodplain conditions. Construction activities will limit use of the 7-acre site for approximately one year, but the remaining 160+ acres of the park, which include active recreation facilities to the south and passive recreation opportunities to the north, will remain open for public use. Once construction is complete, the subject area will be open to the public again for passive enjoyment.

Historically, the site once featured a restaurant/catering hall. However, due to a lack of a concessionaire, this facility has not been available for many years. Since the breaching of the dam will facilitate fish passage, the project will enhance fishing opportunities along the Saw Mill River, although not in the immediate area due to the reconstructed embankments and floodplain.

The other CEAs identified by the EAF Mapper include: the *Juhring Estate*, which was designated by Village of Dobbs Ferry for drainage and open space reasons; *Floodplains*, which was designated by Greenburgh to protect water resources and natural areas; and *Watershed Properties*—in this case, the Village of Irvington Reservoir—which was designated by the County for the protection of local drinking water supplies. Neither the Juhring Estate nor the Village of Irvington Reservoir are adjacent to or located in a position downstream of the site that would potentially be affected by construction or any changes in hydrology. Since the project will restore the floodplain, it will advance the purposes of the Floodplains CEA.

Impact on Historic and Archeological Resources

Although the dam was constructed in 1840, it is not listed on the National or State Register of Historic Places. The dam has been rebuilt over time, changing in materials and character. The

deconstruction of the dam will essentially revert the Saw Mill River back to its original state of a flowing river in this area.

The site has been identified on the New York State Historic Preservation Office (SHPO) archeological site inventory as being in an area designated as sensitive for archaeological resources. Due to the fact that the site has been significantly disturbed and that the regrading will primarily affect the sediment that has settled in the lake since the last dredging, which occurred approximately 20 years ago, no impact on archaeological resources are anticipated.

In a letter dated June 27, 2016, the Division for Historic Preservation of the New York State Office of Parks, Recreation and Historic Preservation concluded that the project will have no impact on archaeological and/or historic resources listed in or eligible for the New York State and National Registers of Historic Places.

Impact on Noise, Odor and Light

The project will bring heavy equipment into a passive park for approximately 12 months, with heavy construction targeted to be done in the months from autumn to spring in order to avoid the height of park usage. The project site is bordered by the Saw Mill Parkway and the New York State Thruway to the west and east, respectively, with publicly-owned lands continuing to the north and south. As such, there will be no noise or other impacts to surrounding land uses during construction. There will be no noise, odor or light emissions following completion of construction.

RESOLUTION

WHEREAS, there is pending before this Honorable Board an Act to authorize the County to issue bonds in connection with capital project RMAC4 – Woodlands Lake Dam at V.E. Macy Park (the “Capital Project”); and

WHEREAS, this Honorable Board has determined that the proposed Capital Project would constitute an action under Article 8 of the Environmental Conservation Law, known as the New York State Environmental Quality Review Act (“SEQRA”); and

WHEREAS, pursuant to SEQRA and its implementing regulations (6 NYCRR Part 617), this project is classified as a “Type I action,” which requires a determination as to whether the proposed action will have a significant impact on the environment; and

WHEREAS, the County of Westchester conducted coordinated review as required for Type I actions pursuant to Section 617.6(b)(3) of the implementing regulations and is assuming the role of Lead Agency for the environmental review of this project; and

WHEREAS, in accordance with SEQRA and its implementing regulations, a Full Environmental Assessment Form has been prepared to assist this Honorable Board in its environmental assessment of this proposed action; and

WHEREAS, this Honorable Board has carefully considered the proposed action and has reviewed the attached Full Environmental Assessment Form and the criteria set forth in Section 617.7 of the implementing regulations and has identified the relevant areas of environmental concern, as described in the attached Full Environmental Assessment Form, to determine if this proposed action will have a significant impact on the environment.

NOW, THEREFORE, be it resolved by the County Board of Legislators of the County of Westchester, State of New York, as follows:

RESOLVED, that based upon the Honorable Board’s review of the Full Environmental Assessment Form and for the reasons set forth therein, this Board finds that there will be no significant adverse impact on the environment from the Capital Project and be it further

RESOLVED, that the Clerk of the Board of Legislators is authorized and directed to sign the “Determination of Significance” in the Full Environmental Assessment Form, which is attached hereto and made a part hereof, as the “Responsible Officer in Lead Agency”; to issue this “Negative Declaration” on behalf of this Board in satisfaction of SEQRA and its implementing regulations; and to immediately transmit same to the Commissioner of Planning to be filed, published and made available pursuant to the requirements of Part 617 of 6 NYCRR; and be it further

RESOLVED, that the Resolution shall take effect immediately.