



TOWN OF NEW CASTLE

200 S. Greeley Avenue, Chappaqua, New York 10514 • Ph. (914) 238-4724 • Fax (914) 238-5177

Supervisor

Lisa S. Katz

(914) 238-4774

Council Members

Victoria Tipp

Deputy Town Supervisor

(914) 238-4774

Alexandra Chemtob

(914) 238-4774

Holly A.F. McCall

(914) 238-4774

Jeremy Saland

(914) 238-4774

Town Administrator

Jill Simon Shapiro

(914) 238-4742

SEQRA NOTICE OF INTENT TO BE LEAD AGENCY

To: Involved and Interested Agencies per the attached list

From: Town of New Castle Town Board

Date: November 2, 2023

The Town of New Castle Town Board hereby notifies you that it is proposing to decommission the Upper Minkel Dam (aka Croton Road Dam and Dike, NYSDEC ID 214-5766) by lowering the water level, removing stonework for passage of water, constructing a weir, establishing a channel, retaining sediments on-site, and promoting growth of native vegetation within the impoundment area. Post construction will continue to monitor wetland mitigation. The subject property is located at 231 Croton Dam Road, Ossining, NY 10562 and is known as TM #79.20-1-7 and Croton Road Dam and Dike NYSDEC ID 214-5766.

Enclosed please find Part 1 of the Full Environmental Assessment Form without the attachments. The entire Full Environmental Assessment Form with attachments as well as other project information can be found at:

<https://www.mynewcastle.org/606/Decommissioning-Upper-Minkel-Dam> (Please check the sidebar for link to pdf.)

The project is an Unlisted Action pursuant to 6 NYCRR 617 of the State Environmental Quality Review Act.

At this time, the Town Board is declaring its intent to be Lead Agency for review of this proposed action. Unless we receive a written objection from you within thirty (30) calendar days from the mailing of this notification, the Town Board will declare itself Lead Agency in this matter.

For more information please feel free to contact:

Sabrina D. Charney Hull, AICP Director of Planning
Development Department
200 South Greeley Avenue
Chappaqua, NY 10514
(914)238-4723
sabrina@mynewcastle.org

cc: Interested and Involved Agencies

SEQR DISTRIBUTION LIST
Upper Minkel Dam Decommissioning
Unlisted Action

Involved Agencies
Town of New Castle Town Board, 200 South Greeley Avenue, Chappaqua, New York 10514
New York State Department of Environmental Conservation, Region 3, Attn: Kelley Turturro, Regional Director, 21 South Putt Corners Road, New Paltz, New York 12561-1696
US Army Corp of Engineers, New York District, 26 Federal Plz Rm 2113, New York, NY 10278-0090, Cenan-pa@usace.army.mil
Town of New Castle Environmental Review Board, Attn: Jon Rosenbloom, Chair, 200 South Greeley Avenue, Chappaqua, New York 10514
Interested Agencies
Town of New Castle Conservation Board, Attn: Karin Antin, Chair, 200 South Greeley Avenue, Chappaqua, New York 10514
Town of New Castle Department of Public Works, Attn: Bart Carey, Commissioner, 280 Hunts Lane, Chappaqua, New York 10514
Town of New Castle Building Department, Attn: Thomas DePole, 200 South Greeley Avenue, Chappaqua, New York 10514
Town of New Castle Recreation & Parks Commission, Attn: Jenn Tucker Salon, Chair, 200 South Greeley Avenue, Chappaqua, New York 10514
Town of New Castle Recreation & Parks Department, Attn: Ike Kuzio, Superintendent, 200 South Greeley Avenue, Chappaqua, New York 10514
Christina Papes, Town Clerk, Town of New Castle, 200 South Greeley Avenue, Chappaqua, New York 10514
Jill Simon Shapiro, Town Administrator, Town of New Castle, 200 South Greeley Avenue, Chappaqua, New York 10514
Town of New Castle Police Department, Attn: James Carroll, Chief, 200 South Greeley Avenue, Chappaqua, New York 10514
Millwood Fire Co. No. 1, Attn: Chris Raguso, Chief, 100 Millwood Road, Millwood, NY 10546,
New Castle Fire Co. No. 1, Attn: Paul Eiden, Chief, Board of Fire Commissioners, P.O. Box 454, Chappaqua, New York 10514
Ossining Volunteer Ambulance Corps, Inc., Attn: Captain, P.O. Box 523, Ossining, New York 10562
Millwood West End Advisory Board Attn: Nicole Riché, Chair, nriche@mynewcastle.org
New York State Office of Parks Recreation and Historic Preservation (SHPO)
Westchester County Planning Board, 432 Michaelian Office Building, 148 Martine Avenue, White Plains, New York 10601
Westchester County Board of Legislators, Attn: Vedat Gashi, Chair, 800 Michaelian Office Building, 148 Martine Avenue, White Plains, New York 10601
Ossining Fire District/Village of Ossining, 21 State St./Ossining, NY 10562
Spring Pond Homeowners Association Attention Dan Faggianelli, Property Manager for the Spring Pond HOA. C/O Barhite and Holzinger, Inc., 77 Pondfield Road, Bronxville, NY 10708

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

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

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

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

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Upper Minkel Dam Decommissioning Project		
Project Location (describe, and attach a general location map): 231 Croton Dam Road, Town of New Castle, Westchester County, NY (Tax Map ID: 79.20-1-7)		
Brief Description of Proposed Action (include purpose or need): The Town of New Castle is proposing to decommission the Upper Minkel Dam (aka Croton Road Dam and Dike, NYSDEC ID 214-5766) by lowering the water level, removing stonework for passage of water, constructing a weir, establishing a channel, retaining sediments on-site, and promoting growth of native vegetation within the impoundment area. Post construction will continue to monitor wetland mitigation (see attached project scope for additional details).		
Name of Applicant/Sponsor: Town of New Castle		Telephone: E-Mail: rcioli@mynewcastle.org
Address: 200 South Greeley Avenue		
City/PO: Chappaqua	State: New York	Zip Code: 10514
Project Contact (if not same as sponsor; give name and title/role): Robert Cioli		Telephone: E-Mail: rcioli@mynewcastle.org
Address: 200 South Greeley Avenue		
City/PO: Chappaqua	State: New York	Zip Code: 10514
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 Counsel, Town Board, <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No or Village Board of Trustees		
b. City, Town or Village Planning Board or Commission <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Town of New Castle and Town of Ossining: Wetland Permits	
c. City, Town or Village Zoning Board of Appeals <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
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 Article 15: Const., Reconst., or Repair of Dams ; Water Quality Cert. Sec 404 CWA	Office of General Services- State Lands Under Water (JAP); NYSDEC SPDES
h. Federal agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	US Army Corps of Engineers (USACE) - Section 404 of the Clean Water Act (JAP)	
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 checked="" type="checkbox"/> Yes <input 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): The site is located within Indian Brook and Croton Gorge Watershed.	

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes, identify the plan(s):	

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?

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? Ossining School District

b. What police or other public protection forces serve the project site?
New York State Police, New Castle Police Department

c. Which fire protection and emergency medical services serve the project site?
Millwood FD, Ossining EMS

d. What parks serve the project site?
Sunny Ridge Preserve

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Recreational and Institutional

b. a. Total acreage of the site of the proposed action? _____ 3.45 acres
b. Total acreage to be physically disturbed? _____ 3.45 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ 3.45 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 the proposed action be constructed in multiple phases? Yes No

i. If No, anticipated period of construction: _____ months

ii. If Yes:

- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____ year

• Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

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: Restoration of the impoundment area promotes the establishment of native species and sediment control.

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: .03mg/.86mg/.6 million gallons; surface area: .05/.14/.09 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): _____

Natural Depressions (No dam or impounding structures proposed). _____

D.2. Project Operations

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

i. What is the purpose of the excavation or dredging? Establish pond depth, lower normal surface water elevation, and relocated soil.

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

- Volume (specify tons or cubic yards): 1,860 Cubic Yards
- Over what duration of time? _____

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.
 Removal of bottom sediment soil within the pond and stream will be disposed off on-site at northern dike and above proposed 100-year water surface.

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

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

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

vii. What would be the maximum depth of excavation or dredging? _____ +/- 3 feet

viii. Will the excavation require blasting? Yes No

ix. Summarize site reclamation goals and plan: _____

Excavation and on-site disposal of the sediments will be used to promote the regrowth of native vegetation and species. The area will be replanted and monitored after the project is completed.

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): Freshwater Pond (PUBHh) and Riverine (R3UBH)

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: The decommission the Upper Minkel Dam (aka Croton Road Dam and Dike, NYSDEC ID 214-5766) will include: lowering the water level, removing stonework for passage of water, constructing a weir, establishing a channel, retaining sediments on-site, and promoting growth of native vegetation within the impoundment area. Acreage change is reflected on section E.1.

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

If Yes, describe: Will be removed to provide: a natural channel though the impoundment, from areas subject to erosion, and be kept on site.

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

If Yes:

- acres of aquatic vegetation proposed to be removed: 3.03
- expected acreage of aquatic vegetation remaining after project completion: 0.28
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): Reduce aquatic environment for the removal of the dam.
- proposed method of plant removal: Dewatering and excavation
- if chemical/herbicide treatment will be used, specify product(s): n/a

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

Area will be replanted and monitored for reestablishment of the native vegetation.

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), what is the 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 a line extension within an existing district be necessary to serve the project? Yes No

 If Yes:

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

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? Yes No
 If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

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

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

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? Yes No
 If Yes:

- How much impervious surface will the project create in relation to total size of project parcel?
 _____ 0 Square feet or _____ acres (impervious surface)
 _____ 0 Square feet or _____ acres (parcel size)
- Describe types of new point sources. No new impervious or point sources. Proposed point source is the same as existing. _____
- 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)?
 The stormwater will be directed through swales and ponds within the impoundment area.

 - If to surface waters, identify receiving water bodies or wetlands: Purdy Pond. _____
 - Will stormwater runoff flow to adjacent properties? Yes No

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

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? Yes No
 If Yes, identify:

- Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles) _____
- Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers) _____
- 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:

- 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
- 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 truck trips/day and type (e.g., semi trailers and dump trucks): _____

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

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

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

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

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

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

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

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: _____ 7-5pm _____ • Saturday: _____ N/A _____ • Sunday: _____ N/A _____ • Holidays: _____ N/A _____ 	<p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: _____ 24/7 _____ • Saturday: _____ 24/7 _____ • Sunday: _____ 24/7 _____ • Holidays: _____ 24/7 _____
--	---

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:

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

n. Will the proposed action have outdoor lighting? Yes No
 If yes:
 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 the proposed storage facilities: _____

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? Yes No
 If Yes:
 i. Describe proposed treatment(s):

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: _____ 2,030 tons per _____ (unit of time)
 • Operation : _____ 0 tons per _____ 0 (unit of time)
 ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:
 • Construction: Bottom sediments of ponds, channels, and streams will be excavated and reused on site (on-site disposal).

 • Operation: Bottom Sediments will be sampled prior to excavation activities.

 iii. Proposed disposal methods/facilities for solid waste generated on-site:
 • Construction: On-site disposal of bottom sediments to be used at following locations: Northern Dike and above proposed 100-year water surface.

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

If Yes:

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

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

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

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

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

If Yes: provide name and location of facility: _____

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

E. Site and Setting of Proposed Action

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

a. Existing land uses.

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

Urban Industrial Commercial Residential (suburban) Rural (non-farm)

Forest Agriculture Aquatic Other (specify): _____

ii. If mix of uses, generally describe: _____

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	0.08	0.07	-0.01
• Forested	0.09	0.0	-0.09
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0.21	2.94	+2.73
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	3.03	0.28	-2.75
• Wetlands (freshwater or tidal)	0.42	0.54	+0.12
• Non-vegetated (bare rock, earth or fill)	0	0	0
• Other Describe: _____			

c. Is the project site presently used by members of the community for public recreation? Yes No
i. If Yes: explain: The dam is within the Sunny Ridge Preserve. Used by the community members for the hiking trails.

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: _____ 15 feet
- Dam length: _____ 220 feet
- Surface area: _____ 3 acres
- Volume impounded: _____ 15 ac-ft gallons OR acre-feet

ii. Dam's existing hazard classification: Class C
iii. Provide date and summarize results of last inspection:

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): _____
 Yes – Environmental Site Remediation database Provide DEC ID number(s): _____
 Neither database
ii. If site has been subject of RCRA corrective activities, describe control measures: _____

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

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

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

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? _____ N/A 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:

Charlton-charlton complex, 15-35%	44.8 %
Chatfield-chatfield complex, 0-15%	32.1 %
Water	23.1 %

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

e. Drainage status of project site soils: Well Drained: 76.9 % of site
 Moderately Well Drained: _____ % of site
 Poorly Drained _____ % of site

f. Approximate proportion of proposed action site with slopes: 0-10%: 32.1 % of site
 10-15%: 44.8 % 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 864-61 Classification B
- Lakes or Ponds: Name Freshwater Pond Classification PUBHh
- Wetlands: Name Federal Waters, Federal Waters, Federal Waters,... Approximate Size 0.42
- 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: _____

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: _____

m. Identify the predominant wildlife species that occupy or use the project site: Bats _____ Turtles _____ Butterflies _____ Fish _____ _____ _____	
n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: <i>i.</i> Describe the habitat/community (composition, function, and basis for designation): _____ <i>ii.</i> Source(s) of description or evaluation: _____ <i>iii.</i> Extent of community/habitat: • Currently: _____ acres • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ acres	
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 If Yes: <i>i.</i> Species and listing (endangered or threatened): _____ _____ _____	
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 If Yes: <i>i.</i> Species and listing: _____ _____	
q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, give a brief description of how the proposed action may affect that use: _____ _____	
E.3. Designated Public Resources On or Near Project Site	
a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, provide county plus district name/number: _____	
b. Are agricultural lands consisting of highly productive soils present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>i.</i> If Yes: acreage(s) on project site? _____ <i>ii.</i> Source(s) of soil rating(s): _____	
c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: <i>i.</i> Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature <i>ii.</i> Provide brief description of landmark, including values behind designation and approximate size/extent: _____ _____ _____	
d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes: <i>i.</i> CEA name: _____ <i>ii.</i> Basis for designation: _____ <i>iii.</i> Designating agency and date: _____	

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? Yes No

If Yes:

i. Nature of historic/archaeological resource: Archaeological Site Historic Building or District

ii. Name: _____

iii. Brief description of attributes on which listing is based: _____

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? Yes No

g. Have additional archaeological or historic site(s) or resources been identified on the project site? Yes No

If Yes:

i. Describe possible resource(s): _____

ii. Basis for identification: _____

h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? Yes No

If Yes:

i. Identify resource: Parks, Preserves

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): Parks, preserves

iii. Distance between project and resource: _____ 5 miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? Yes No

If Yes:

i. Identify the name of the river and its designation: _____

ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? Yes No

F. Additional Information

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

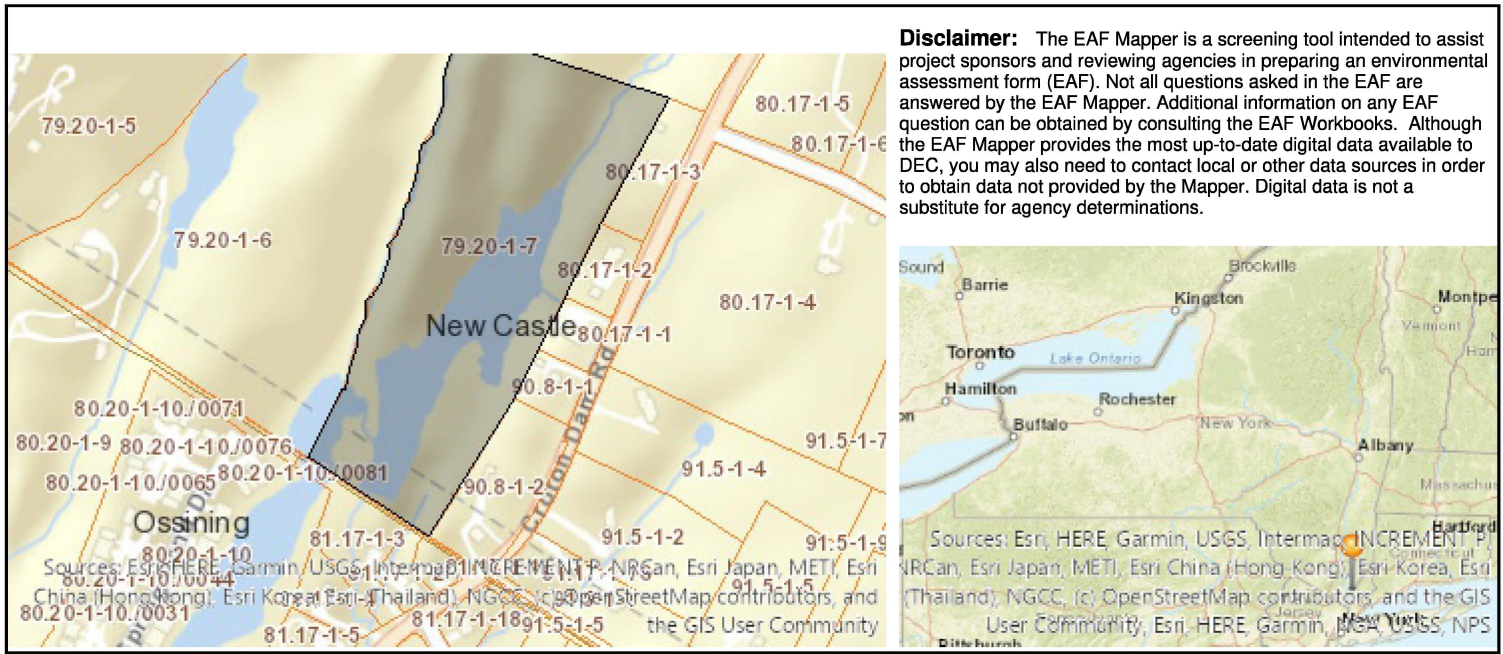
If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

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

Applicant/Sponsor Name Town of New Casite Date 9/28/23

Signature  Title Environmental Engineer/ Tectonic Engineering
on behalf of the Applicant



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]	864-61
E.2.h.iv [Surface Water Features - Stream Classification]	B
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	Yes

E.2.l. [Aquifers]	No
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]	No
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]	No
E.3.i. [Designated River Corridor]	No

Upper Minkel Dam Project Narrative

The Town of New Castle is proposing to decommission the Upper Minkel Dam (aka Croton Road Dam and Dike, NYSDEC ID 214-5766, Class "C" High Hazard Dam). Access to the Site will be from 203 Croton Dam Road with two construction access points (one ingress and one egress) intersecting to one path leading towards the Site. Construction of the access points will be completed by placing a non-woven geotextile fabric, 4 inches of gravel, 1 inch of pea gravel overlay, and a curtain drain to collect the seep and control the saturation of the subgrade.


The Upper Minkel Dam structure sits about 15 ft high and 220 ft long, with an impoundment area of 15 ac-ft of water. Decommissioning of the dam includes the lowering the Upper Dam structure to 4 ft max and removing the stonework at a minimum of 45 ft in length. Only the foundation of the dam will remain below grade. A control weir will be constructed within the downstream channel, with a riprap of D50 = 9". Between the lower pond and upper pond, a second control weir within the connecting channel and with the same riprap conditions will be developed. 1,860 cubic yards of sediments will be excavated throughout the ponds and channels to achieve the proposed normal water surface elevation of 375 ft, proposed grade level, and proposed 100-year water surface elevation of 380.33 ft. Before excavation begins, sediments will be tested to determine on-site disposal and reused on-site at the Northern Dike and above the proposed 100-year water surface locations. The removal of 3.03 acres of aquatic vegetation will be done via dewatering and excavation. Restoring the Site entails designing natural channels and new planting of native species for habitats such as marshes, shrubs, and forested areas. Monitoring of the wetland mitigation and planting will occur post-construction. Furthermore, the access road to the site will be removed and restored to pre-construction conditions. The gravel added to the existing gravel surface will be left in place.

Due to the scope of the project, the following permits are required: USACE Section 404 Permit, NYSDEC Article 15 Protection of Waters Permit (Supplemental D-1), NYSDEC Section 401 Water Quality Certification, NYSDEC State Pollutant Discharge Elimination System (SPDES) General Permit, Town of New Castle Wetland Permit, and Town of New Castle Building Permit (Filling and Grading). The following permits will potentially be required: NYS Office of General Services State-Owned Lands Under Water Permit, Town of New Castle Steep Slope Permit, Town of Ossining Wetland Permit, and Town of Ossining Filling and Grading Permit.

Aerial Map



Legend

 Approximate Survey Area

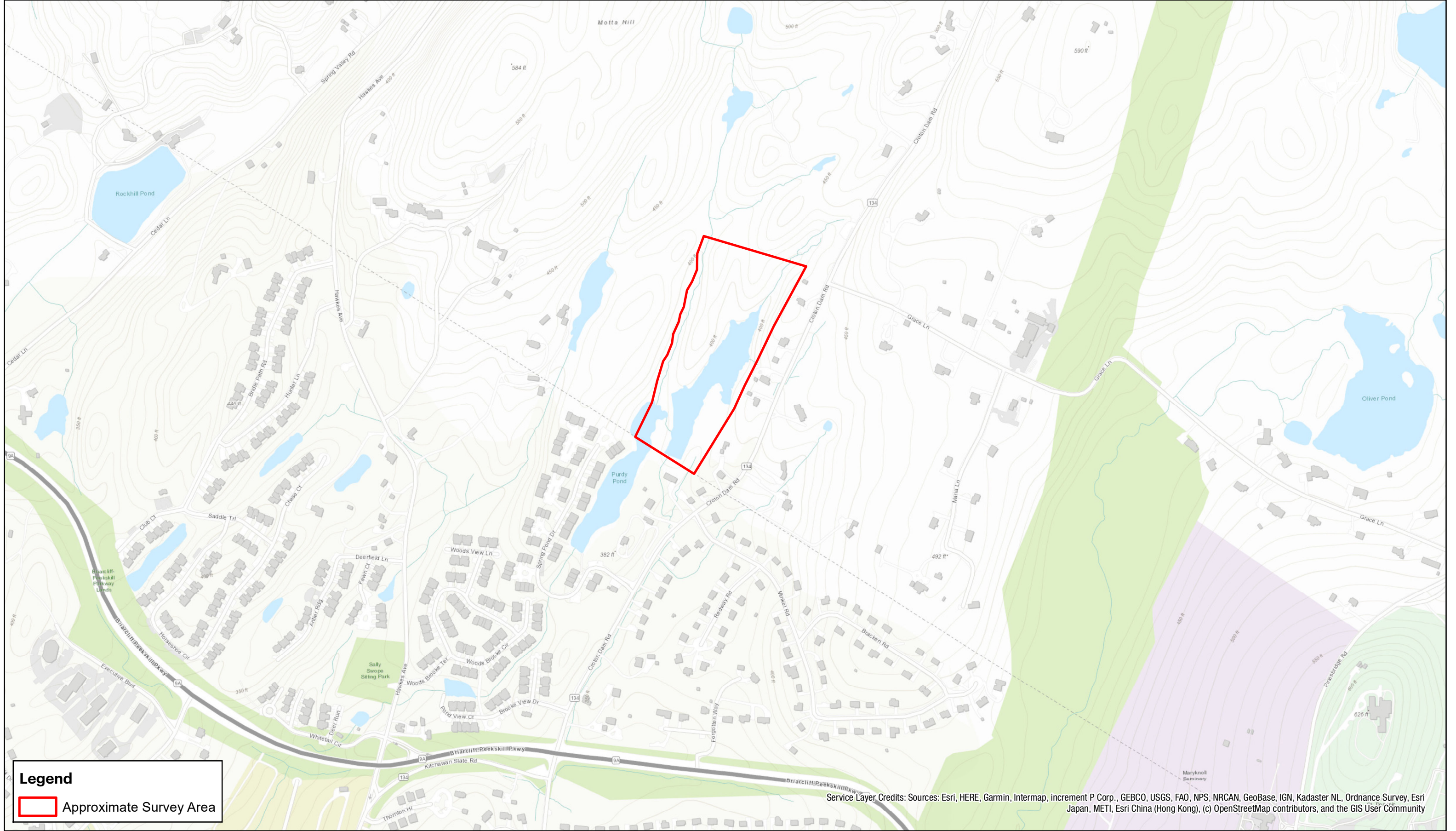
Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

Tectonic 1:6,000


0 300 600 1,200 Feet

231 Croton Dam Road (SBL 79.20-1-7)
Town of New Castle,
Westchester County, NY
W.O.#: 10953.01

Street Map



Legend

 Approximate Survey Area

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

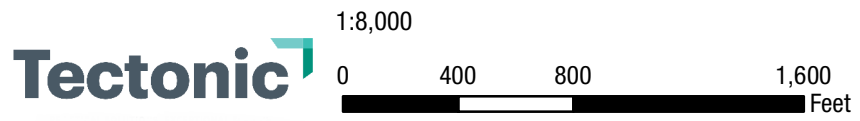


231 Croton Dam Road (SBL 79.20-1-7)
Town of New Castle,
Westchester County, NY
W.O.#: 10953.01

Topographic Map



Legend
Approximate Survey Area



231 Croton Dam Road (SBL 79.20-1-7)
Town of New Castle,
Westchester County, NY
W.O.#: 10953.01

Service Layer Credits: Copyright © 2013 National Geographic Society, i-cubed