ENVIRONMENT

RESOLUTION NO. 2025179

RE: ADOPTION OF NEGATIVE DECLARATION IN CONNECTION WITH THE ESTABLISHMENT OF ZONE OF ASSESSMENT "029A" AND ZONE OF ASSESSMENT "029B" IN THE DUTCHESS COUNTY WATER DISTRICT LOCATED IN THE TOWN OF HYDE PARK

Legislators D'AQUANNI and GORMAN offer the following and move its adoption:

WHEREAS, this Legislature has before it a resolution together with a map, plan and report, all prepared by or on behalf of the Dutchess County Water and Wastewater Authority ("WWA") in support of the establishment of Zones of Assessment "029A" and "029B" by the County of Dutchess ("County") to facilitate the payment of capital costs through the levy of benefit assessments, and

WHEREAS, as part of its review of the proposed actions the WWA prepared a State Environmental Quality Review Full Environmental Assessment Form, and adopted a Negative Declaration and Notice of Determination of Significance dated March 31, 2025 prepared by the WWA Board on file with the Clerk of the Legislature, which concludes that the proposed project constitutes an Unlisted Action pursuant to Part 617 of the New York Code of Rules and Regulations (SEQR), and that the action will not have a significant effect on the environment, and

WHEREAS, it appears that the WWA thoroughly reviewed the proposed action, and this Legislature ıould confirm those findings, now, therefore, it is hereby

RESOLVED, that this Legislature hereby adopts and confirms the findings of the WWA, as set forth in the aforementioned State Environmental Quality Review, Negative Declaration and Notice of Determination of Significance, attached hereto, concluding the proposed action will not have a significant effect on the environment.

CA-144-25
CRC/mar/rjw
G-1217-DD
10/07/2025; rev'd 10/20/25
Fiscal Impact: See Attached.

APPROVED
Sue Serino
SUSAN J. SERINO
COUNTY EXECUTIVE
Date 11-13-2025

STATE OF NEW YORK
ss:
COUNTY OF DUTCHESS

This is to certify that I, the undersigned Clerk of the Legislature of the County of Dutchess, have compared the foregoing resolution with the original resolution now on file in the office of said clerk, and which was adopted by said Legislature on the 10th day of November 2025, and that the same is a true and correct transcript of said original resolution and of the whole thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and seal of said Legislature this 10th day of November 2025.

DUTCHESS COUNTY SEAL

Leigh Wager
LEIGH WAGER, CLERK OF THE LEGISLATURE

FISCAL IMPACT STATEMENT

☑ NO FISCAL IMPACT PROJECTED

APPROPRIATION RESOLUTIONS

(To be completed by requesting department)

Total Current Year Cost $ _____

Total Current Year Revenue $ _____
and Source

Source of County Funds *(check one)*: ☐ Existing Appropriations, ☐ Contingency, ☐ Transfer of Existing Appropriations, ☐ Additional Appropriations, ☐ Other *(explain)*.

Identify Line Items(s):

Related Expenses: Amount $ _____
Nature/Reason:

Anticipated Savings to County: _____

Net County Cost (this year): _____
Over Five Years: _____

Additional Comments/Explanation:

Prepared by: Jonathan Churins, Executive Director, DCWWA Prepared On: 10/07/2025

Out pdf

ATER AND
ASTEWATER AUTHORITY

MEMORANDUM

To: Sue Serino, County Executive

From: Jonathan Churins, Executive Director
Dutchess County Water and Wastewater Authority

1 Lagrange Avenue
Poughkeepsie, NY 12603
845-486-3601 845-486-3656 FAX
jchurins@dutchessny.gov

Subject: Resolution Requests

Date: October 7, 2025

Please find attached a Resolution Request Forms and Fiscal Impact Statements for two resolutions related to the creation of the County Water District Zone of Assessment "029A" and "029B" (Dutchess Estates Water).

The DCWWA is requesting that the County establish County Water District Zones of Assessment "029A" and "029B" to provide water services within the existing Dutchess Estates community in the Town of Hyde Park. The DCWWA is finalizing an agreement with the owner of the Dutchess Estates Water System to acquire the system at the point in time that DCWWA can provide an interconnection from its Hyde Park Regional Water System to the existing Dutchess Estates water distribution system. The interconnection is part of a larger project that connects the Hyde Park Regional and Quaker Hill Water Systems. A Map, Plan and Report for Zone of Assessment "029A" and "029B" was previously submitted for review. The DCWWA's ability to establish this new water service area is contingent on the creation of the Zones of Assessment within the County Water District, encompassing all properties in the System's service area. The DCWWA is asking the Legislature to pass two resolutions:

- Adoption of SEQR findings related to the Creation of County Water District Zone of Assessment "029A" and "029B", and
- Creation of County Water District Zone of Assessment "029A" and "029B"

The DCWWA intends to submit a resolution request under separate cover for the approval of the Restatement of the County Water District Service Agreement pertaining to Zone of Assessment "029A" and "029B" and including; Zones "030" and "031" as all Zones of Assessment pertain to the interconnection project between the Hyde Park Regional Water System and the Quaker Hill Water System. Said resolution request will be submitted prior to the December Committee and Legislature Meeting deadline.

Please find attached separate Resolution Request Forms and Fiscal Impact Statements for each of the two actions. In addition, please find Resolutions 2024087 and 2024088, which can be used as templates for these requested resolutions.

Cc: Jason Teed, PE, DCWWA

RESOLUTION NO. 2025.05.G **Authority Board – DCWWA**
May 21, 2025 Meeting

Approval to Adopt SEQR Determination for the revised Quaker Hills Water & to the Hyde Park Regional Water Interconnection

Larry Knapp offers the following resolution and moves its adoption:

WHEREAS; the Authority has been awarded a grant and loan financing package through the New York State Environmental Facilities Corporation (EFC) to take one of two possible actions to address PFAS exceedances in the Quaker Hill Water System, in the Town of Hyde Park, NY, and

WHEREAS; by Resolution 2024.04.C the Authority Board declared its intent to act as Lead Agency for the State Environmental Quality Review ("SEQR") process and directed staff to circulate the Environmental Assessment Form (Part One) to all involved agencies to evaluate the potential environmental impacts of interconnection of the Quaker Hills Water System to the Hyde Park Regional Water System (the "Action"), and

WHEREAS; by Resolution 2024.06.BB this Action was classified as "Unlisted" and the Authority Board adopted a Conditioned Negative Declaration in regards to the State Historic Preservation Office's (SHPO) request that an additional archeological survey of the area be completed prior to construction pursuant to the requirements of SEQRA, and

WHEREAS; as detailed in the accompanying memo, Authority Staff have reviewed the results of the archeological survey and recommend approval by the Board to adopt the SEQR findings for the proposed water main extension from the Hyde Park Regional Water System to the Quaker Hill Water System, the acquisition and Zone of Assessment creation of Dutchess Estates Water, the acquisition and Zone of Assessment creation of South Cross Water, and the Zone of Assessment creation of the Quaker Hill Water Expansion Area.

WHEREAS; the Authority Board has reviewed the recommendations of the Authority Staff and considered the benefits to the Authority, and

NOW THEREFORE BE IT RESOLVED THAT; the Authority Board hereby determines that the interconnection of the Quaker Hill Water System to the Hyde Park Regional Water System will not have a significant impact on the environment and hereby adopts the attached Negative Declaration with respect to this matter.

Seconded by Jennifer Cannella

Record of Vote:	**Aye**	**Nay**
Thomas LeGrand	X	
Rudy Vavra (Absent)		
Larry Knapp	X	
Dale Borchert (Absent)		
Jennifer Cannella	X	

DUTCHESS COUNTY
WATER AND
WASTEWATER AUTHORITY

MEMORANDUM

May 21, 2025

To: Authority Board

From: Jason Teed, PE, Project Manager

Subject: Dutchess Estates Water, South Cross Water Area, and Quaker Expansion Area - Zones of Assessment Creation– SEQR Findings

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On March 31 2025 , the DCWWA circulated a notice of intent to act as Lead Agency for SEQR review of the Quaker Hill Water to Hyde Park Regional Interconnection Project. This was a revision to the SEQR circulated on April 24, 2024 to include following additional information:

- All potential locations for a Booster Pump Station in lieu of the previous location at the North Storage Tank.
- All potential locations for a water storage facility as no tank was previously proposed.
- The acquisition of the Dutchess Estates Water System, distribution system only, including Zone of Assessment creation
- The acquisition of the South Cross Water System, entire infrastructure, including Zone of Assessment creation
- The Zone of Assessment creation designated as the Quaker Hill Water Expansion (QEW) that includes any and all parcels along several alternative routes between the Hyde Park Regional Water System and the Quaker Hill Water System.

A copy of the Full EAF from April 24, 2024 and the revised Full EAF from March 31, 2025 SEQR circulations are provided in the Board packet.

Authority Staff recommend approval by the Board of the accompanying resolution to adopt the SEQR findings for the proposed water main extension from the Hyde Park Regional Water System to the Quaker Hill Water System, the acquisition and Zone of Assessment creation of Dutchess Estates Water, the acquisition and Zone of Assessment creation of South Cross Water, and the Zone of Assessment creation of the Quaker Hill Water Expansion Area.

On May 14, 2025, the U.S. Environmental Protection Agency (EPA) announced changes to its final PFAS drinking water regulations. The agency is maintaining strict, enforceable limits for PFOA and PFOS at 4 parts per trillion, but it is rescinding limits for four other PFAS compounds: GenX, PFHxS, PFBS, and PFNA. In addition, the deadline for compliance with the new PFOA and PFOS limits has been extended from 2029 to 2031. While these changes may affect how utilities nationwide plan for long-term PFAS compliance, the federal health standard for PFOA and PFOS remains unchanged. As such, this announcement does not change the need for our ongoing capital projects to provide alternative source water for the Quaker Hill Water System, which are necessary to address confirmed PFOA/PFOS contamination and ensure protection of public health.

RESOLUTION NO. 2024.06.BB

Authority Board – DCWWA
June 5, 2024 Special Meeting

Approval of Quaker Hills Water System SEQR Determination
Interconnection to the Hyde Park Regional Water System

Dale Borchert offers the following resolution and moves its adoption:

WHEREAS; the Authority is preparing to apply for New York State (NYS) financing through the Environmental Facilities Corporation (EFC) to take one of two possible actions to address PFAS exceedances in the Quaker Hill Water System, in the Town of Hyde Park, NY, and

WHEREAS; by Resolution 2024.04.C the Authority Board declared its intent to act as Lead Agency for the State Environmental Quality Review ("SEQR") process and directed staff to circulate the Environmental Assessment Form (Part One) to all involved agencies to evaluate the potential environmental impacts of interconnection of the Quaker Hills Water System to the Hyde Park Regional Water System (the "Action"), and

WHEREAS; the Environmental Assessment Form has been completed and submitted to the Authority Board for its review, and

WHEREAS; in accordance with the requirements of the SEQR, the Authority's Board of Directors must make a determination as to the Environmental Impact of this proposed Action, and

WHEREAS; the State Historic Preservation Office (SHPO) has requested that additional archeological survey of the area be completed prior to construction, and

WHEREAS; this Action has been classified as "Unlisted" with the condition that archeological survey will be addressed at a later date pursuant to the requirements of SEQRA, and

THEREFORE, BE IT RESOLVED THAT; the Authority Board declares itself as Lead Agency for this Action, and

BE IT FURTHER RESOLVED THAT; the Authority Board hereby determines that the interconnection of the Quaker Hill Water System to the Hyde Park Regional Water System will not have a significant impact on the environment and hereby adopts the attached Conditioned Negative Declaration with respect to this matter.

Seconded by Larry Knapp

Record of Vote:	**Aye**	**Nay**
Thomas LeGrand	X	
Rudy Vavra (Absent)		
Larry Knapp	X	
Dale Borchert	X	

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: Hyde Park Regional Water System (HPRWS) and Quaker Hill Water System Interconnection		
Project Location (describe, and attach a general location map): Continuous Right-of-Way (North Quaker Lane, Fall Kill Road, NYS Route 9G, Mill Road, Howard Blvd, Hudson Drive) Hyde Park, NY 12538		
Brief Description of Proposed Action (include purpose or need): The proposed action involves installation of a new 8-inch water main (approximately 36,000 linear feet) to connect the Quaker Hill Water System to the Hyde Park Regional Water System. The new water main will be installed within the right-of-way of public roads and a new booster pump station will be installed at the existing North Water Storage Tank parcel. The existing North Water Storage Tank site (site of the proposed booster pump station) totals 3.67 acres, located at 56 Hudson Drive, Hyde Park, New York, Dutchess County, 12538 (Tax ID: 133200-6165-01-136698-0000). The site is owned by the Dutchess County Water and Wastewater Authority.		
Name of Applicant/Sponsor: Dutchess County Wastewater Authority (DCWWA)	Telephone: 845-486-3623 E-Mail: dcwwa@dutchessny.gov	
Address: 1 LaGrange Avenue		
City/PO: Poughkeepsie	State: NY	Zip Code: 12603
Project Contact (if not same as sponsor; give name and title/role):	Telephone: E-Mail:	
Address:		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor): N/A in public right-of-way	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, or Village Board of Trustees ☐Yes ☑No		
b. City, Town or Village Planning Board or Commission ☑Yes ☐No	Town of Hyde Park Planning Board: Special Permit	Nov - Dec 2025 (projected)
c. City, Town or Village Zoning Board of Appeals ☐Yes ☑No		
d. Other local agencies ☑Yes ☐No	Hyde Park Highway Dept: Town of Hyde Park Street Opening Permit; Bldg Dept: Bldg Permit	Nov - Dec 2025 (projected)
e. County agencies ☑Yes ☐No	Dutchess County DBCH, Dutchess County DPW, Dutchess County Planning Board	Nov - Dec 2025 (projected)
f. Regional agencies ☐Yes ☑No		
g. State agencies ☑Yes ☐No	NYSDOT: highway work permit; SHPO; NYSDOH; NYSEFC	Nov - Dec 2025 (projected)
h. Federal agencies ☐Yes ☑No		

i. Coastal Resources.

i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☐Yes ☑No

ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☐Yes ☑No

iii. Is the project site within a Coastal Erosion Hazard Area? ☐Yes ☑No

C. Planning and Zoning

C.1. Planning and zoning actions.

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

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

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☐Yes ☑No

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

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

If Yes, identify the plan(s):

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

If Yes, identify the plan(s):

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?
The proposed project passes through five zoning districts including: NEIGHBORHOOD (N), GREENBELT (GB), NEIGHBORHOOD BUSINESS (NBD), NEIGHBORHOOD CORE (NC), EAST PARK BUSINESS DISTRICT (EPBD)

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? Hyde Park CSD

b. What police or other public protection forces serve the project site?
Hyde Park Police Department, Dutchess County Sheriff, and New York State Troopers

c. Which fire protection and emergency medical services serve the project site?
Roosevelt Fire District and Hyde Park Fire Department

d. What parks serve the project site?
Hyde Park Recreation and Parks

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)? N/A: Utility Work

b. a. Total acreage of the site of the proposed action? 3.7 acres
b. Total acreage to be physically disturbed? +/-6.7 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 3.7 acres

→ **Note:** = 36,000 If of water main will be installed within existing ROW/ easements. The proposed pump station will be located at the North Tank parcel which totals 3.7 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: 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.

	One Family	Two Family	Three Family	Multiple Family (four or more)
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 1
ii. Dimensions (in feet) of largest proposed structure: 12' height; 16' width; and 24' length
iii. Approximate extent of building space to be heated or cooled: 390 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? (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? _____
ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?
- Volume (specify tons or cubic yards): _____
- Over what duration of time? _____

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them. _____
iv. Will there be onsite dewatering or processing of excavated materials? ☐Yes ☐No
If yes, describe. _____
v. What is the total area to be dredged or excavated? _____ acres
vi. What is the maximum area to be worked at any one time? _____ acres
vii. What would be the maximum depth of excavation or dredging? _____ feet
viii. Will the excavation require blasting? ☐Yes ☐No
ix. Summarize site reclamation goals and plan: _____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☐Yes ☑No
If Yes:
i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____

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

_____

_____

_____

_____

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

If Yes, describe: _____

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

If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____
- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

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

c. Will the proposed action use, or create a new demand for water? ☐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:

i. How much impervious surface will the project create in relation to total size of project parcel?

390 Square feet or _____ acres (impervious surface)

_____ Square feet or 3.67 acres (parcel size)

ii. Describe types of new point sources. A new booster pump station building will be installed at the North Tank site. The rest of the interconnection pipe will be installed below existing roadways, with no new impervious surface created.

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)?

To the ground surface

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

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

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☐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 (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (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 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: 124,000 kWh

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

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.

i. During Construction:

- Monday - Friday: 7:00AM-5:00PM
- Saturday: none
- Sunday: none
- Holidays: none

ii. During Operations:

- 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:

Construction will occur M-F between 7:00AM - 5:00PM, excluding holidays.

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:

Wall mounted light fixtures are proposed approximately 8-10' above ground level, above the new main entrance of the proposed booster pump station. The proposed lighting will be dark sky compliant.

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: _____ tons per _____ (unit of time)
- Operation : _____ tons per _____ (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction: _____
- Operation: _____

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

- Construction: _____
- Operation: _____

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☑ No

If Yes:

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): Right-of-way

ii. If mix of uses, generally describe:

The project is a linear roadwork project proposed to connect the Quaker Hill Water System to the Hyde Park Regional Water System, and includes the construction of a booster pump station structure adjacent to an existing drinking water North Tank.

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	24.00	24.01	+0.01
• Forested	3.67	3.67	0.00
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)	0.80	0.81	+0.01
• Other Describe: _____			

c. Is the project site presently used by members of the community for public recreation? ☐ Yes ☑ No

i. If Yes: explain: _____

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:

Franklin D. Roosevelt High School, North Park Elementary School, Creative Gardens Day Care

e. Does the project site contain an existing dam? ☐ Yes ☑ No

If Yes:

i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____

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? 2 feet

b. Are there bedrock outcroppings on the project site? ☑Yes☐No
If Yes, what proportion of the site is comprised of bedrock outcroppings? 5 %

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

Nassau Cardigan Complex	96 %
Sun Silt Loam	4 %
	%

d. What is the average depth to the water table on the project site? Average: >7 feet

e. Drainage status of project site soils:
☑ Well Drained: 96 % of site
☐ Moderately Well Drained: ____ % of site
☐ Poorly Drained ____ % of site

Note: Information in E.2.a-g is relative to the North Storage Tank Parcel only

f. Approximate proportion of proposed action site with slopes:
☑ 0-10%: 50 % of site
☑ 10-15%: 30 % of site
☑ 15% or greater: 20 % 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 862-412, 862-411, 862-415, 862-415.1, 862-393, 862-398, 862-398.1 Classification A(T), C
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name Federal Waters, NYS Wetland Approximate Size NYS Wetland (in acres):70.5, NYS Wetland (in acres):18.2, NYS Wetland (in acres):19.3, NYS Wetland (in acres):42.0
- Wetland No. (if regulated by DEC) HP-12, HP-40, HP-15, SP-19

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: Fall Kill and tribs – Nutrients – Recreation; Aquatic

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

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

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

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☑Yes☐No
If Yes:

i. Name of aquifer: Principal Aquifer

m. Identify the predominant wildlife species that occupy or use the project site:

frogs | squirrel
turtles | various bird species
deer | chipmunk

n. Does the project site contain a designated significant natural community? ☑ Yes ☐ No

If Yes:

i. Describe the habitat/community (composition, function, and basis for designation): Red Maple-Hardwood Swamp, Hemlock-Northern Hardwood Forest

ii. Source(s) of description or evaluation:

iii. Extent of community/habitat:

- Currently: 102.0, 749.66 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? ☑ Yes ☐ No

If Yes:

i. Species and listing (endangered or threatened): Blanding's Turtle, Indiana Bat

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? ☐ Yes ☑ No

If Yes:

i. Species and listing:

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☐ Yes ☑ 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? ☑ Yes ☐ No

If Yes, provide county plus district name/number: DUTC020

b. Are agricultural lands consisting of highly productive soils present? ☐ Yes ☑ No

i. If Yes: acreage(s) on project site?

ii. 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? ☐ Yes ☑ No

If Yes:

i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature

ii. 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? ☑ Yes ☐ No

If Yes:

i. CEA name: Hogback Hill

ii. Basis for designation: Sensitivity to change & habitat and species protection

iii. Designating agency and date: Agency: Hyde Park, Town of, Date: 6-7-2009

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: Stoutenburgh, William House, Quaker Lane Farms

Note: Project submitted to SHPO on 4/17/2024. Awaiting response.

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

William S. House: Historic Home 18th Century; Quaker Lane Farm: historic farm/agricultural property dating back to the late 19th Century.

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 fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☑ Yes ☐ No

If Yes:

i. Identify resource: Black Creek Preserve, Riverfront Park, Hyde Park Rec, Pinewoods Park, Roosevelt Farm Lane Trail, Staatsburg Pk Playground

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

iii. Distance between project and resource: 0 and 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.

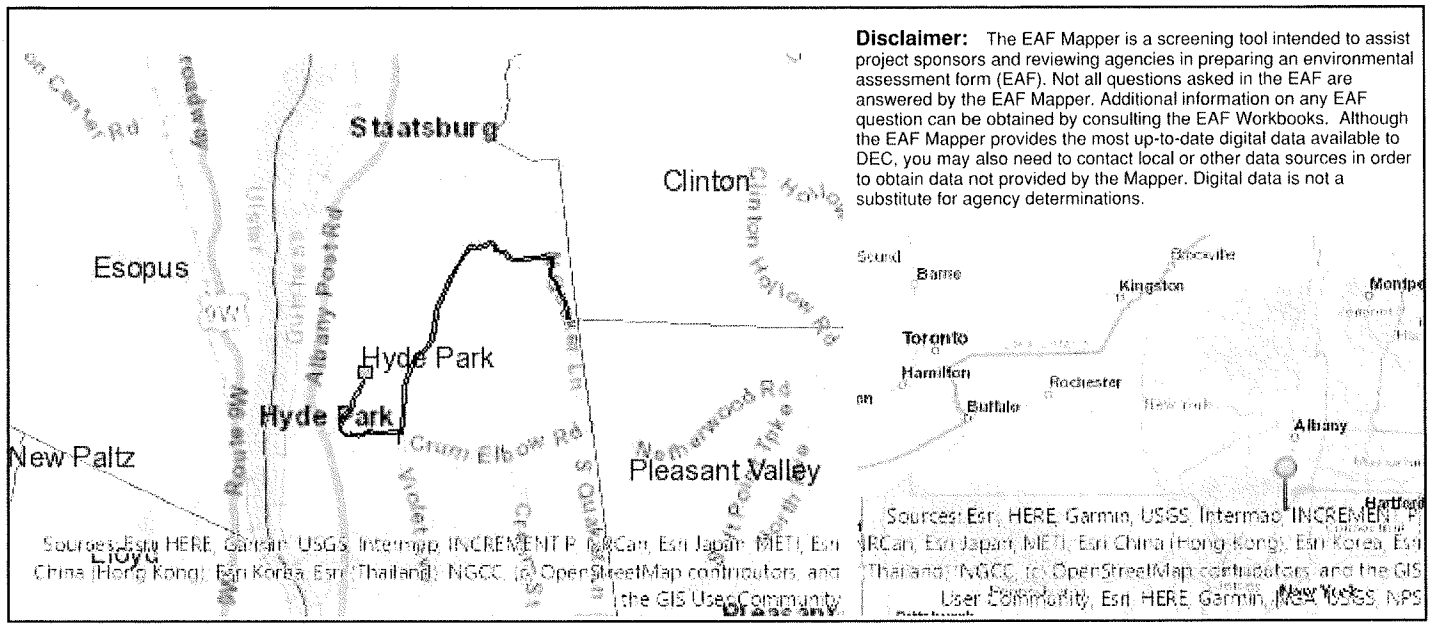
Applicant/Sponsor Name Michael J Keating Date 5/31/2024

Signature _____ Title Executive Director

PRINT FORM

EAF Mapper Summary Report

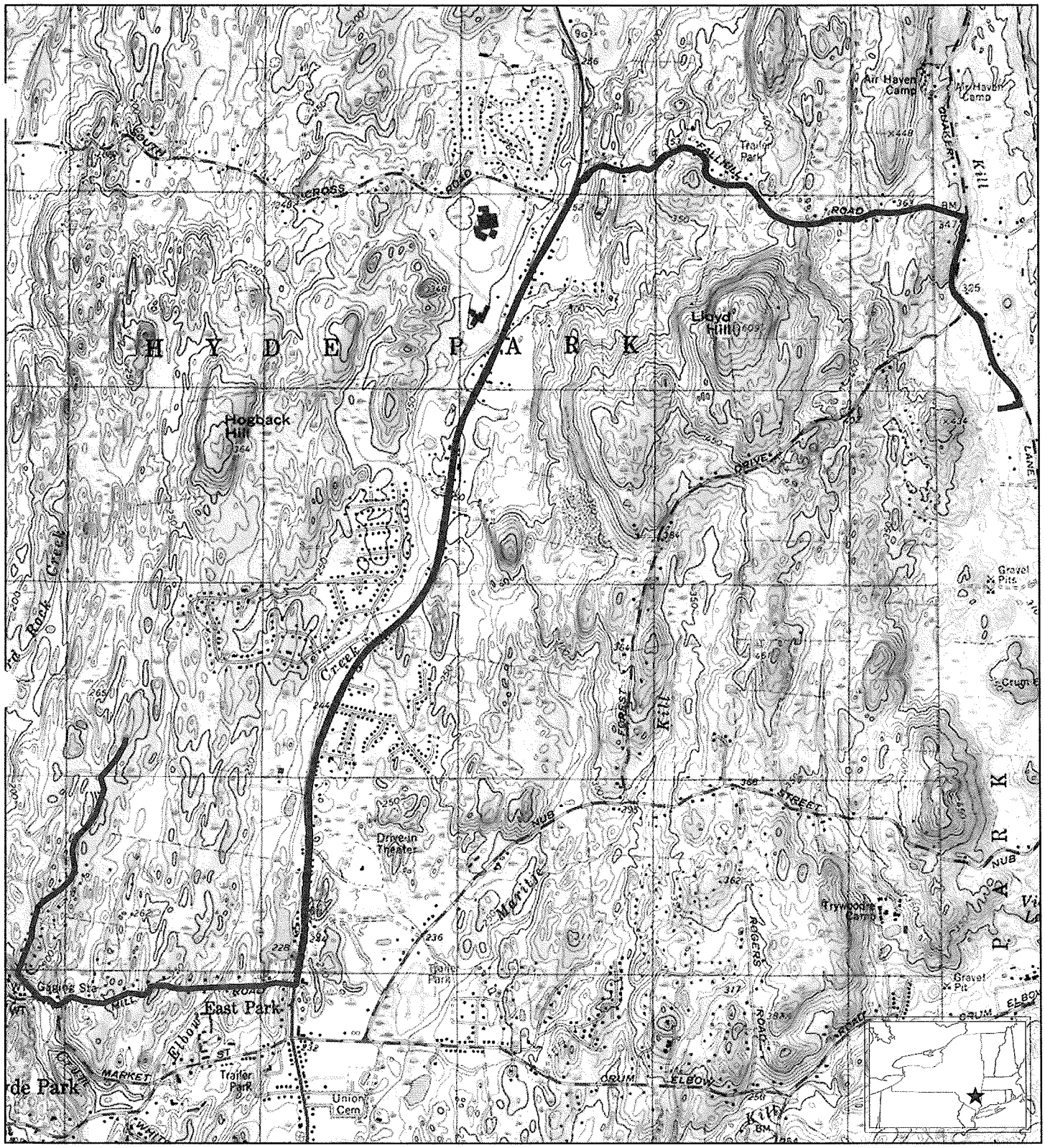
Thursday, April 18, 2024 9:33 AM



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

B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	No
C.2.b. [Special Planning District]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	No
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Stream Name]	862-412, 862-411, 862-415, 862-415.1, 862-393, 862-398, 862-398.1
E.2.h.iv [Surface Water Features - Stream Classification]	A(T), C
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters, NYS Wetland
E.2.h.iv [Surface Water Features - Wetlands Size]	NYS Wetland (in acres):70.5, NYS Wetland (in acres):18.2, NYS Wetland (in acres):19.3, NYS Wetland (in acres):42.0
E.2.h.iv [Surface Water Features - DEC Wetlands Number]	HP-12, HP-40, HP-15, SP-19
E.2.h.v [Impaired Water Bodies]	Yes

E.2.h.v [Impaired Water Bodies - Name and Basis for Listing]	Name - Pollutants - Uses:Fall Kill and tribs – Nutrients – Recreation;Aquatic Life
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]	Yes
E.2.n.i [Natural Communities - Name]	Red Maple-Hardwood Swamp, Hemlock-Northern Hardwood Forest
E.2.n.i [Natural Communities - Acres]	102.0, 749.66
E.2.o. [Endangered or Threatened Species]	Yes
E.2.o. [Endangered or Threatened Species - Name]	Blanding's Turtle, Indiana Bat
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	Yes
E.3.a. [Agricultural District]	DUTC020
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	Yes
E.3.d [Critical Environmental Area - Name]	Hogback Hill
E.3.d.ii [Critical Environmental Area - Reason]	Sensitivity to change & habitat and species protection
E.3.d.iii [Critical Environmental Area – Date and Agency]	Agency:Hyde Park, Town of, Date:6-7-2009
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.
E.3.e.ii [National or State Register of Historic Places or State Eligible Sites - Name]	Stoutenburgh, William, House, Quaker Lane Farms
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No



LEGEND

Proposed Interconnection Route

FIGURE 1
SITE LOCATION

Hyde Park - Quaker Hill
Interconnection Analysis
Hyde Park, New York

Tighe&Bond

Based on USGS Topographic Map for
Salt Point, NY Revised 1963,
Hyde Park, NY Revised 1963,
Contour Interval Equals 10 Feet.
Circles indicate 500-foot and half-mile radii

1:26,400
0 1,100 2,200
Feet

N

April 2024

G:\GIS\NY\DutchessCounty\MXDs\QuakerHillWaterSystem\ProposedInterconnectionRoute_HydeParkNY_Topo.mxd

D-0280

LEGEND

- Approximate Parcel Boundary
- Town Boundary
- Surounding PWS
- Proposed Interconnection Route
- Existing Quaker Hill Water Main
- Existing Hyde Park Water Main

1:21,600

0 900 1,800

Feet

N

Tighe&Bond

Drive provided by [illegible]

ALTERNATIVE 1
INTERCONNECTION ROUTES

Hyde Park - Quaker Hill
Interconnection Analysis
Hyde Park, New York

April 2024

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Dwg230

Agency Use Only [If applicable]	
Project :	
Date :	

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

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) ☐ NO ☑ YES
If "Yes", answer questions a - j. If "No", move on to Section 2.

	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	☑	☐
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	☑	☐
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	☑	☐
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	☑	☐
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	☑	☐
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2c, D2q	☑	☐
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	☑	☐
h. Other impacts: None		☑	☐

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	☐	☐
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	☐	☐
c. Other impacts: _____		☐	☐

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	☑	☐
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	☑	☐
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	☑	☐
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	☑	☐
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	☑	☐
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	☑	☐
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	☑	☐
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.	D2c	☑	☐
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	☑	☐
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	☑	☐
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	☑	☐

l. Other impacts: None		☑	☐

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. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) ☑ NO ☐ YES

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	☐	☐
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	☐	☐
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	☐	☐
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	☐	☐
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	☐	☐
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	☐	☐
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	☐	☐
h. Other impacts:		☐	☐

5. Impact on Flooding

The proposed action may result in development on lands subject to flooding. (See Part 1. E.2) ☐ NO ☑ YES

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	☑	☐
b. The proposed action may result in development within a 100 year floodplain.	E2j	☑	☐
c. The proposed action may result in development within a 500 year floodplain.	E2k	☑	☐
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	☑	☐
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	☑	☐
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	☑	☐

g. Other impacts: None		☑	☐

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) ☑ NO ☐ YES

If "Yes", answer questions a - f. If "No", move on to Section 7.

	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)	D2g	☐	☐
ii. More than 3.5 tons/year of nitrous oxide (N_2O)	D2g	☐	☐
iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D2g	☐	☐
iv. More than .045 tons/year of sulfur hexafluoride (SF_6)	D2g	☐	☐
v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions	D2g	☐	☐
vi. 43 tons/year or more of methane	D2h	☐	☐
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	☐	☐
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	☐	☐
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	☐	☐
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	☐	☐
f. Other impacts:		☐	☐

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.) ☐ NO ☑ YES

If "Yes", answer questions a - j. If "No", move on to Section 8.

	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	☑	☐
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	☑	☐
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	☑	☐
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	☑	☐

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	☑	☐
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	☑	☐
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	☑	☐
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	☑	☐
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	☑	☐
j. Other impacts: None		☑	☐

8. Impact on Agricultural Resources

The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.) ☐ NO ☑ YES

If "Yes", answer questions a - h. If "No", move on to Section 9.

	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	☑	☐
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, E1b	☑	☐
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	☑	☐
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	☑	☐
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	E1 a, E1b	☑	☐
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	☑	☐
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	☐	☐
h. Other impacts: _____		☑	☐

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.)

☑ NO ☐ YES

If "Yes", answer questions a - g. If "No", go to Section 10.

	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	☐	☐
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	☐	☐
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	☐ ☐	☐ ☐
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	☐ ☐	☐ ☐
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	☐	☐
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile ½ -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	☐	☐
g. Other impacts: _____		☐	☐

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.)

☐ NO ☑ YES

If "Yes", answer questions a - e. If "No", go to Section 11.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	E3e	☑	☐
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	☑	☐
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	☑	☐

d. Other impacts: None		☑	☐
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	☐	☐
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b	☐	☐
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	☐	☐

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.)
If "Yes", answer questions a - e. If "No", go to Section 12.

☑ NO ☐ 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	☐	☐
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	☐	☐
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	☐	☐
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	☐	☐
e. Other impacts:		☐	☐

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)
If "Yes", answer questions a - c. If "No", go to Section 13.

☐ NO ☑ 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	☑	☐
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	☑	☐
c. Other impacts: None		☑	☐

13. Impact on Transportation
The proposed action may result in a change to existing transportation systems. (See Part 1. D.2.j) ☑ NO ☐ YES
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	☐	☐
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	☐	☐
c. The proposed action will degrade existing transit access.	D2j	☐	☐
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	☐	☐
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	☐	☐
f. Other impacts: _____		☐	☐

14. Impact on Energy
The proposed action may cause an increase in the use of any form of energy. (See Part 1. D.2.k) ☐ NO ☑ YES
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	☑	☐
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	☑	☐
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	☑	☐
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	☑	☐
e. Other Impacts: None		☑	☐

15. Impact on Noise, Odor, and Light
The proposed action may result in an increase in noise, odors, or outdoor lighting. (See Part 1. D.2.m., n., and o.) ☐ NO ☑ YES
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	☑	☐
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	☑	☐
c. The proposed action may result in routine odors for more than one hour per day.	D2o	☑	☐

d. The proposed action may result in light shining onto adjoining properties.	D2n	☑	☐
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	☑	☐
f. Other impacts: None		☑	☐

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.) ☐ NO ☑ YES

If "Yes", answer questions a - m. If "No", go to Section 17.

	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	☑	☐
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	☑	☐
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	☑	☐
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	☑	☐
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	☑	☐
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	☑	☐
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	☑	☐
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	☑	☐
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	☑	☐
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	☑	☐
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	☐	☐
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	☑	☐
m. Other impacts: None		☑	☐

17. Consistency with Community Plans

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

	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	☐	☐
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	☐	☐
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	☐	☐
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	☐	☐
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	☐	☐
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	☐	☐
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	☐	☐
h. Other: _____		☐	☐

18. Consistency with Community Character

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

	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.	E3c, E3f, E3g	☐	☐
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	☐	☐
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	☐	☐
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	☐	☐
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	☐	☐
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	☐	☐
g. Other impacts: _____		☐	☐

PRINT FULL FORM

Agency Use Only [IfApplicable]

Project :

Date :

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

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

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

Reasons Supporting This Determination:

To complete this section:

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

See attached.

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☐ Type 1 ☑ Unlisted

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

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

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

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

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

The State Historic Preservation Office (SHPO) has requested an archaeological survey to identify any archaeologically significant resources in the area prior to start of work. The requested archaeological survey will be completed, if required, so that the interconnection main route can avoid or substantially mitigate adverse impacts.

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)).

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☐ 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: Hyde Park Regional Water System (HPRWS) and Quaker Hill Water System Interconnection

Name of Lead Agency: Dutchess County Wastewater Authority (DCWWA)

Name of Responsible Officer in Lead Agency: Michael J. Keating, P.E.

Title of Responsible Officer: Executive Director

Signature of Responsible Officer in Lead Agency: Date: 6/6/24

Signature of Preparer (if different from Responsible Officer) Date: 5/31/24

For Further Information:

Contact Person: Daniel Valentine

Address: 47 W. Market Street, Rhinebeck, NY

Telephone Number: 845.516.5872

E-mail: dfvalentine@tighebond.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

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Impact on Land

The proposed action will involve construction on, and physical alteration of, the land surface of the proposed site. The proposed construction is anticipated to occur for a duration of approximately twelve (12) months, or in one phase. The proposed action involves installation of a new 8-inch water main (approximately 36,000 linear feet) to connect the Quaker Hill Water System to the Hyde Park Regional Water System.

The Dutchess County Water and Wastewater Authority (DCWWA) will install the approximately 36,000 linear feet of new 8-inch water main to the east of the existing Quaker Hill Water Main which will follow the continuous right-of-way in a northerly direction along North Quaker Lane and turn in a westerly to southwesterly direction following Fall Kill Road, NYS Route 9G, Mill Road, Howard Boulevard, and Hudson Drive. In addition, a new booster pump station will be installed at the existing North Water Storage Tank parcel. The new water main and pump station will require excavation of rock and earth material. The work will be in the NYSDOT and Town of Hyde Park rights-of-way, properties owned or controlled via easement by DCWWA and will require approximately 6.7 acres of surface disturbance for the water main trench. The existing North Water Storage Tank site (site of the proposed booster pump station) totals 3.67 acres, located at 56 Hudson Drive, Hyde Park, New York, Dutchess County, 12538 (Tax ID: 133200-6165-01-136698-0000). The project will not use or create new demand for water.

The installation of the water main is proposed predominately via directional drilling, which is generally considered to have lower impacts on the environment compared to traditional open-cut methods. Directional drilling involves minimal surface disturbance as it only requires small entry and exit points for the drilling equipment, leading to less disruption to vegetation and soils as compared to open trench cutting along the entire length of the main. As directional drilling minimizes surface disturbance, there is a lower risk of contaminating soil and groundwater with pollutants from construction materials such as fuel needed for equipment in the installation process, and the impact on land will be minimal and low risk in nature.

The proposed action may involve construction on land on slopes of 15% or greater, however, only a small portion of the site, approximately 20%, contains slopes. The site of the proposed booster pump station is relatively flat and the project will be completed without creating slopes greater than 15%. Moreover, the site of the proposed booster pump station is extremely wooded and remote, and development will not adversely impact visibility for nearby residences, businesses, or other facilities. The natural features of the site will be preserved, and proper erosion and sedimentation control measures such as rip rap or vegetative buffers will be implemented to prevent soil

erosion and water and protect the surrounding land from sedimentation and runoff.

Bedrock at the booster pump station site is generally within five (5) feet of the existing ground surface according to the New York State Geological Survey Surficial Geology of Dutchess County, NY Map. The depth to bedrock along the proposed water main route varies but is also within five (5) for a significant portion of the proposed water main route, particularly along Fall Kill Road and Mill Road. The depth to bedrock along Route 9G is generally expected to be deeper according to the NRCS Soil Maps (> 5 feet). The proposed water main will be installed below frost depth at an estimated 4-5 feet below grade. Rock removal will be required during construction of the water mains. Disturbed areas within the project limits will be restored to their original condition.

The proposed action will create approximately 390 square feet of impervious surface within the greater 3.7-acre existing North Tank Site parcel. The new booster pump station will be installed at the North Tank site, with the rest of the interconnection pipe installed below existing roadways, with no new impervious surface created. Stormwater runoff generated as a result of the booster pump station will be directed to the ground surface, and proper erosion and sedimentation controls will be implemented during pre- and post-construction periods. The project will implement stormwater and erosion control measures during construction such as retaining walls, riprap, or vegetative buffers to prevent further degradation of the project limits and protect surrounding areas from sedimentation and runoff. Additionally, any impacted vegetation will be restored to its original condition to allow the land to meet its natural landscape and ecosystem functions; replanting of native vegetation will occur as necessary to restore the project site.

The proposed project as described is not expected to have a significant adverse impact on land. The project has been carefully sited to avoid sensitive land areas such as wetlands, floodplains, wildlife habitats, and steep slopes, and the project will be designed to limit land disturbance to the greatest extend possible by methods including directional drilling and site specific stormwater and erosion controls. The project will comply with all relevant environmental regulations and permitting requirements to ensure all land impacts are kept to a minimum. As such, the project is not expected to have a significant impact on land.

Impact on Surface Water

The site of the proposed action contains surface waters including streams and wetlands. Mapped NYSDEC streams present on or passing through the project site include NYSDEC stream ID #862-412, 862-411, 862-415, 862-415.1, 862-393, 862-398, and 862-398.1, while mapped Federal Waters and NYS

wetlands include Wetland No. HP-12, HP-40, HP-15, and SP-19. Of the above water bodies listed, the Fall Kill River and its tributaries are documented NYS water quality-impaired water bodies due to pollutants and nutrients.

The proposed action will disturb more than one acre of land and create stormwater runoff as a result of the construction of the new booster pump station at the North Tank site. The stormwater runoff generated as a result of the new booster pump station will be directed to the ground surface, groundwater, and potentially adjacent properties. The parcel adjacent to the proposed booster pump station, Tax ID: 133200-6165-01-100700-0000, totals approximately 154 acres and is vacant and undeveloped. This adjacent parcel is comprised of dense forest and vegetation.

The remaining portion of the interconnection pipe will be installed below existing roadways, with no new impervious surface created. Further, the proposed action does not involve any dredging, outfall construction, or application of herbicides or pesticide. Based on this analysis and the planned localized stormwater management controls, the project is not anticipated to have any substantial impacts to surface waters.

Impact on Flooding

The site of the proposed action is in a designated floodway, 100-year floodplain, and 500-year floodplain. The project site is also located in close proximity to a principal aquifer. The installation of a new 8-inch water main to connect the Quaker Hill Water System to the Hyde Park Regional Water System will be installed within the existing right-of-way of public roads and will result in a net zero flood risk change, as the public road right-of-way will be restored to its original condition. The proposed construction of a new booster pump station will, however, result in the creation of approximately 390 square feet of new impervious surface, and as a result, create new stormwater runoff at the site. Stormwater Best Management Practices (BMPs) will be used to reduce stormwater flows and potential flood risks to the local flood hazard areas, floodplain, and principal aquifer.

The project is not expected to cause a significant alteration to the environmental characteristics of the site, such as the volume or velocity of water that may cause flooding. The Project has been designed to minimize, using best available measures, adverse effects on adjacent or nearby flood hazard areas, and is designed to extend the life and use of the Quaker Hill Water System to the Hyde Park Regional Water System. The project is not expected to have any substantial impacts to flooding.

Impact on Plants and Animals

The proposed project may contain species of plants or animals that are listed by the federal government or NYS as endangered or threatened. Based on the EAF Mapper Report, the Blanding's Turtle (state-threatened) and Indiana Bat (state and federally endangered) may be present within the proposed project action area. Other common wildlife species that may pass through the project area include frogs, turtles, deer, squirrels, birds, or chipmunks. These species are common and typically seen in quiet, residential or urban neighborhoods.

Additionally, the proposed project contains a designated significant natural community for the Red Maple-Hardwood Swamp (+/-100 acres) and Hemlock-Northern Hardwood Forest (+/-750 acres).

Although species may be present within the project area, suitable habitat is not present in the action area and the project does not otherwise present a risk to the species. The Town of Hyde Park rights-of-way where portions of water main installation will occur are asphalt paved, and therefore, do not present suitable habitat for plant or animal species. Further, the North Tank parcel is developed with a water tower, grassy landscaped areas, and fencing; although common species like squirrels or birds may pass through, all areas are previously disturbed, traversed areas by trucks and service workers for maintenance that have been verified free of suitable habitat. Additionally, no significant tree removal is anticipated as a part of this project, and as a result, no impact to the Red Maple-Hardwood Swamp or Hemlock-Northern Hardwood Forest, or removal of known bat hibernaculum is anticipated as part of this project.

Impact on Agricultural Resources

The proposed project is located within a New York State Agricultural District ("DUTC020"). However, based on a review of USDA Web Soil Survey data, highly productive soils are not present on site. The proposed action is located within previously disturbed areas including Hyde Park rights-of-way and a DCWWA water tower site. The project limits are not available for agricultural resources or farming uses. As such, no impact on agricultural resources is anticipated as a result of the proposed project.

Impact on Historic and Archaeological Resources

The proposed project is located adjacent to a building that is listed on the National Register of Historic Places. The project site is located in the vicinity of a Historic Building known as Quaker Lane Farms. Quaker Lane Farm, located at 11 Ruskey Lane, is a historic farm/agricultural property dating back to the late 19th century. The proposed project was submitted to SHPO for review on

April 17, 2024. A response was received from SHPO on May 7, 2024, noting that the project is in an archaeologically and environmentally sensitive location for historical sites and SHPO/OPRHP recommends a Phase IA/IB Archaeology survey, unless prior substantial ground disturbance can be documented. Tighe & Bond submitted additional information to SHPO in the form of a supplementary memorandum on May 20, 2024, noting the presence and locations of prior, significant ground disturbance, as well as details pertaining to bedrock depths where the likelihood of historical and archaeological resources within hard rock is extremely unlikely. No response has been received as of the date of this SEQRA FEAF Part 1, 2, and 3 submission. Additional information can be made available upon request. An archaeological survey will be completed if required by SHPO.

The exact interconnection water main path has not yet been through a detailed design process. As such, a Negative Declaration conditioned to require archeological survey of the project area following detailed design and prior to site work is planned.

Impact on Critical Environmental Area

The project site is located within a state listed Critical Environmental Area (CEA). The CEA is known as Hogback Hill, with the basis for designation as sensitivity to change and habitat and species protection. The Town of Hyde Park is the designation agency, and the CEA was established on June 7, 2009.

Since the entirety of the project site contains previously disturbed, man-altered areas including asphalt paved rights-of-way and a parcel developed with a water tower and associated protection infrastructure (fencing, etc.) no impact to CEA is anticipated as a result of this project. As previously mentioned in the sections above, the project has been carefully sited to avoid sensitive land areas such as wetlands, floodplains, and sensitive areas, and the project will be designed to limit land disturbance to the greatest extend possible by methods including directional drilling and site specific stormwater and erosion controls. As such, no significant adverse impacts to the CEA are anticipated.

Impact on Energy

The proposed action may generate new or additional demand for energy. The proposed booster pump station will require an estimated annual electricity demand of 124,000kWh, which will be supplied by the grid/local utility provider. Approximately 390 square feet of the booster station will require energy to be heated/cooled. However, the action will not require a new or upgrade to an existing substation, and the required energy needed to sustain the booster pump station is minor in nature. The new facility will not be open

to the public and is not designed for long-term human occupancy. As such, no significant impact to energy is anticipated.

Impact on Noise, Odor, and Light

The proposed action may result in an increase in noise during construction activities only. The noise generated will be typical construction noise and operational noise for a residential development. Hours of right-of-way construction are anticipated to occur between 7:00 AM to 5:00 PM Monday through Friday. No construction activity will occur on weekends or holidays. Additionally, the proposed project will include a generator which will be located in a sound attenuating enclosure. The proposed noise is not expected to be significant in nature and will not have a significant adverse impact on the surrounding neighborhood.

In addition, wall mounted light fixtures are proposed by the entrance of the new booster pump station. However, lighting will be dark sky compliant, and will not have a significant impact on the surrounding neighborhood.

Impact on Human Health

The proposed action is located within 1,500 feet of a school, hospital, licensed day care center, group home, nursing home, or retirement community. The Franklin D. Roosevelt High School, North Park Elementary School, and Creative Gardens Day Care facilities are located within 1,500 feet of the project site. However, the proposed action does not involve the use of any contaminants and does not involve the handling of hazardous waste or other dangerous chemicals. Additionally, the project will not use, create, dispose of, or store any hazardous substances as part of its construction or operation. Proposed project work impacts are limited to the Hyde Park rights-of-way and North Tank parcel, and pre- and post-construction activities are not anticipated to have a significant impact on human health.

New York State
Parks, Recreation and
Historic Preservation

KATHY HOCHUL
Governor

RANDY SIMONS
Commissioner *Pro Tempore*

ARCHAEOLOGY COMMENTS

Phase IA/IB Archaeological Survey Recommendation
Project: Hyde Park Regional Water System Interconnection & New Booster Pump Station Project
PR#: 24PR03417
Date: May 7, 2024

The project is in an archaeologically and environmentally sensitive location for archaeological sites. Therefore, the State Historic Preservation Office/Office of Parks, Recreation and Historic Preservation (SHPO/OPRHP) recommends a Phase IA/IB archaeological survey for components of the project that will involve ground disturbance, unless substantial prior ground disturbance can be documented. A Phase IA/IB survey is designed to determine the presence or absence of archaeological sites or other cultural resources in the project's Area of Potential Effects (APE).

If you consider the entire project area to be disturbed, documentation of the disturbance will need to be reviewed by SHPO/OPRHP. Examples of disturbance include mining activities and multiple episodes of building construction and demolition. Documentation of ground disturbance typically consists of soil bore logs, photos, or previous project plans. Agricultural activity is not considered to be substantial ground disturbance.

Please note that in areas with alluvial soils or fill archaeological deposits may exist below the depth of superficial disturbances such as pavement or even deeper disturbances, depending on the thickness of the alluvium or fill. Evaluation of the possible impact of prior disturbance on archaeological sites must consider the depth of potentially culture-bearing deposits and the depth of planned disturbance by the proposed project.

Our office does not conduct archaeological surveys. A 36 CFR 61 qualified archaeologist should be retained to conduct the Phase IA/IB survey.

If you have any questions concerning archaeology, please contact Dr. Josalyn Ferguson at Josalyn.Ferguson@parks.ny.gov.

Supplementary Information SHPO/OPRHP #24PR03417

Hyde Park Regional Water System Interconnection & New Booster Pump Station Project

TO: Dr. Josalyn Ferguson, NYS SHPO/OPRHP

FROM: Dan Valentine, PE, Senior Project Manager

COPY: Allison Koch, Planner II

DATE: May 20, 2024

This memorandum provides additional information regarding the Hyde Park Regional Water System Interconnection and New Booster Pump Station Project that was submitted to SHPO on April 17th:

Consolidated Response Link: https://cris.parks.ny.gov/?type=CR&id=S6DJ1GX8S1DK
Project Number: 24PR03417
Project Type: Consultation
Project Name: Hyde Park Regional Water System Interconnection & New Booster Pump Station Project
Consolidated Response Token: S6DJ1GX8S1DK
Submission Number: 24PR03417.001
Submission Description: Initial Consultation Submission

Based on our review of the Phase IA/IB Archaeological Survey Recommendation Memo, it is the opinion of the consultant that the proposed project area or area of potential effects (APE) includes "*...substantial prior ground disturbance,*" as phrased by the NYSPRHP response letter dated May 7, 2024. Details pertaining to this assessment are included in Section 1.1 and 1.2, below.

Additionally, we would like to provide clarity regarding the overall project scope and SEQRA steps currently under consideration. The Duchess County Water and Wastewater Authority (DCWWA) is currently in the process of considering an alternative treatment design location, and it is possible that the Hyde Park Regional Water System interconnection and new booster pump station project may not ultimately be the final, selected DCWWA alternative. The DCWWA aspires to refine and select the most effective alternative that would provide the greatest overall environmental and community benefit.

We have included the following information for further consideration and hope to coordinate with Dr. Ferguson and the SHPO/OPRHP office prior to the determination of a need for a full Phase IA/IB archaeological assessment based on the aforementioned information. We hope that the following information may reduce your understanding of the APE for the project. We would appreciate the opportunity to discuss this topic further.

1.1 Prior Ground Disturbance

The area of potential effects (APE) of the proposed interconnection route and new booster pump station are occurring entirely within previously disturbed areas in Hyde Park. The proposed installation of a new water main would occur within existing Hyde Park road rights-of-way, which are asphalt paved and maintained on a regular basis, and the proposed booster pump station would be constructed on a parcel of land that is developed with an existing water tower and protective fencing, and grassy, landscaped areas.

Within the APE, the stretch of road right-of-way between Hudson Drive and Route 9G includes preexisting watermain below grade; although the new proposed water main would be installed on the opposite side of the roadway where no mains are present, the general character of roadway and its surrounding area is a heavily developed, urbanized neighborhood landscape. Additionally, the several portions of the proposed water main corridor, approximately 21,000 linear feet, contains shallow bedrock (shown in red in Figure 1), which makes the likelihood of historic or archaeological resources extremely improbable.

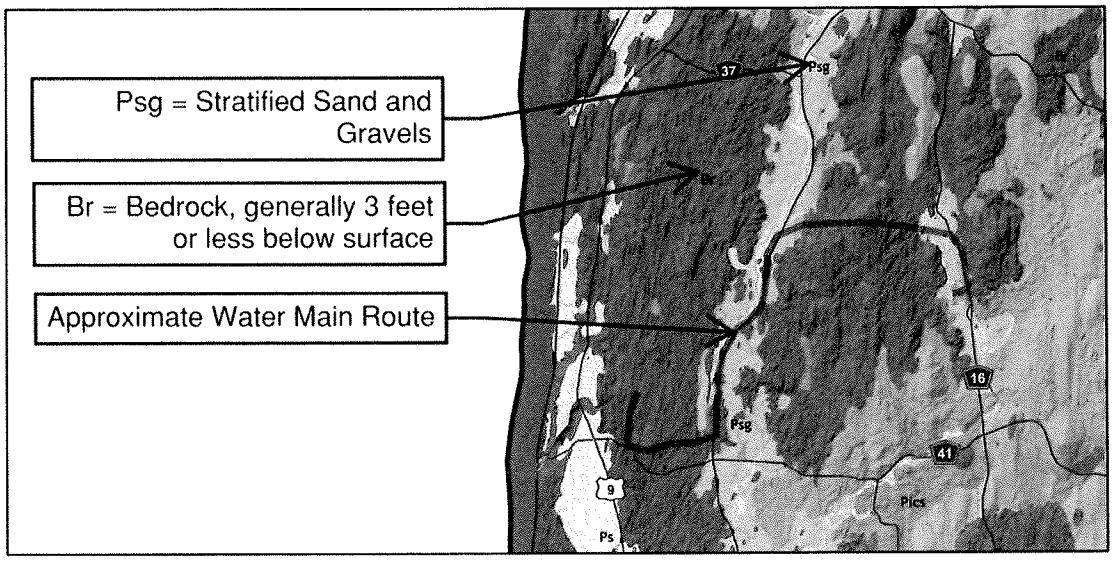


FIGURE 1
Surficial Geology of Dutchess County, New York
Source: NYSGS

1.2 Site Soils + Hard Rock

Out of the Project's total +/-35,000 linear feet, approximately 21,000 linear feet is categorized as hard rock, approximately 12,000 linear feet is categorized as loamy soil, and approximately 2,000 linear feet is categorized as soft rock, as detailed in the table below. Based on this assessment, it is our opinion that the likelihood of historical and archaeological resources to be present within this hard rock portion of the project site is extremely unlikely. A breakdown of site soil types and estimated area is included in the table below, and a copy of the USDA Web Soil Survey is attached.

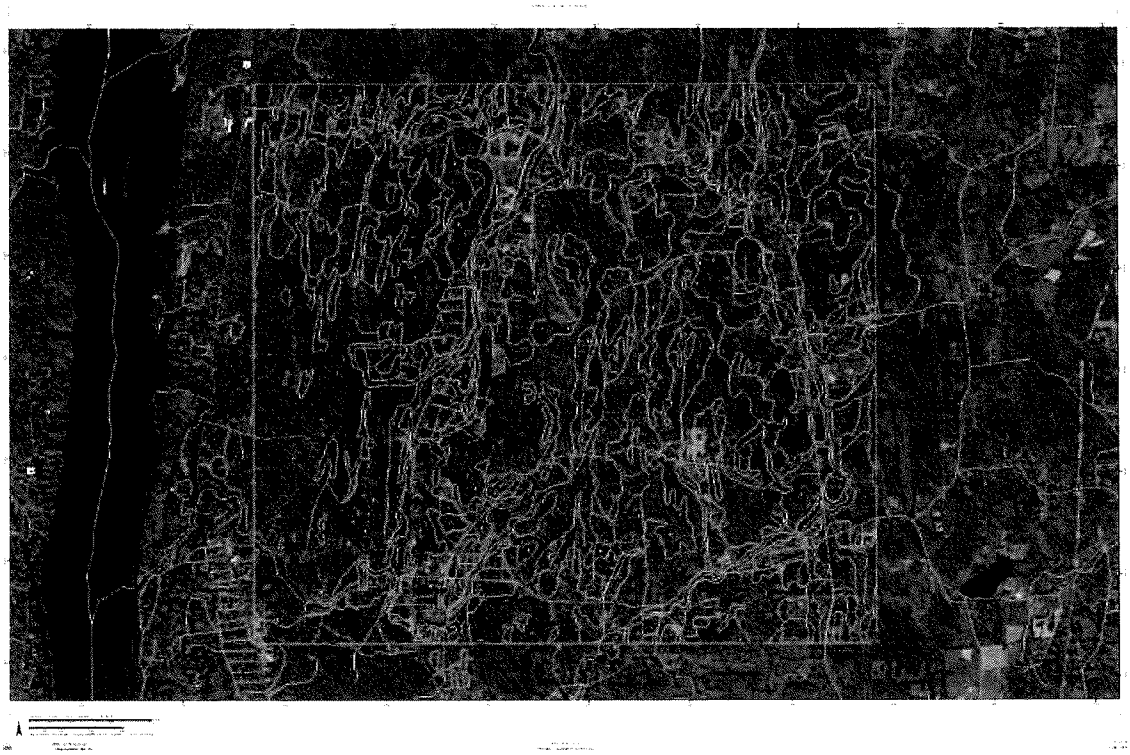


FIGURE 2
NRCS Web Soil Survey Map
Source: USDA

TABLE 1
Water Main Route Soils Summary

Soil Symbol	Category	Surface Type	Length (ft)
HsB	Loam	Cross Country	450
HsB	Loam	Local Road	1,810
DwB	Soft Rock	Local Road	1,720
DwC	Soft Rock	Local Road	810
NwB	Hard Rock	Local Road	840
NyA	Loam	Local Road	150
NwB	Hard Rock	Local Road	3,300
NwD	Hard Rock	Local Road	390
NwB	Hard Rock	Local Road	470
NwD	Hard Rock	Local Road	1,300
NwB	Hard Rock	Local Road	450
NwB	Hard Rock	State Road	320
HsA	Loam	State Road	1,600
Wy	Loam	State Road	350
HsA	Loam	State Road	450
Wy	Loam	State Road	390
HsA	Loam	State Road	990

Fr	Loam	State Road	210
HsA	Loam	State Road	2,400
NwD	Hard Rock	State Road	570
HsA	Loam	State Road	1,600
NwB	Hard Rock	State Road	530
HuA	Loam	State Road	1,650
HsA	Loam	State Road	310
NwD	Hard Rock	State Road	3,250
NwD	Hard Rock	Local Road	8,700
NwD	Hard Rock	Cross Country	850
			35,860

We look forward to discussing this project more. Thank you in advance.

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features

- Streams and Canals

Transportation

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

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

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

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

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

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

Soil Survey Area: Dutchess County, New York
Survey Area Data: Version 20, Sep 5, 2023

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

Date(s) aerial images were photographed: Oct 21, 2022—Oct 27, 2022

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BeB	Bernardston silt loam, 3 to 8 percent slopes	12.0	0.1%
BeC	Bernardston silt loam, 8 to 15 percent slopes	0.2	0.0%
BeD	Bernardston silt loam, 15 to 25 percent slopes	51.0	0.6%
Ca	Canandaigua silt loam, neutral substratum	239.2	2.9%
Cc	Catden muck, 0 to 2 percent slopes	47.8	0.6%
DuB	Dutchess silt loam, 3 to 8 percent slopes	86.8	1.0%
DwB	Dutchess-Cardigan complex, undulating, rocky	261.8	3.1%
DwC	Dutchess-Cardigan complex, rolling, rocky	479.4	5.7%
DwD	Dutchess-Cardigan complex, hilly, rocky	96.4	1.2%
DxC	Dutchess-Cardigan-Urban land complex, rolling, rocky	51.6	0.6%
Ff	Fluvaquents-Udifluvents complex, frequently flooded	61.3	0.7%
Fr	Fredon silt loam	39.4	0.5%
Ha	Halsey mucky silt loam	18.7	0.2%
HsA	Hoosic gravelly loam, nearly level	443.3	5.3%
HsB	Hoosic gravelly loam, undulating	203.3	2.4%
HuA	Hoosic-Urban land complex, nearly level	128.2	1.5%
HvB	Hudson and Vergennes soils, 3 to 8 percent slopes	11.8	0.1%
Ln	Linlithgo silt loam	2.6	0.0%
Lv	Livingston silt clay loam	45.8	0.5%
MnA	Massena silt loam, 0 to 3 percent slopes	11.2	0.1%
MnB	Massena silt loam, 3 to 8 percent slopes	18.8	0.2%
NwB	Nassau-Cardigan complex, undulating, very rocky	491.2	5.9%
NwC	Nassau-Cardigan complex, rolling, very rocky	1,423.3	17.1%

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
NwD	Nassau-Cardigan complex, hilly, very rocky	3,241.2	38.8%
NxE	Nassau-Rock outcrop complex, steep	132.8	1.6%
NxF	Nassau-Rock outcrop complex, very steep	8.6	0.1%
NyA	Natchaug muck, 0 to 2 percent slopes	128.0	1.5%
Ps	Pits, gravel	9.6	0.1%
PzA	Punsit silt loam, 0 to 3 percent slopes	6.1	0.1%
Su	Sun silt loam	313.2	3.8%
Ud	Udorthents, smoothed	55.8	0.7%
Ue	Udorthents, wet substratum	6.2	0.1%
Ur	Urban land	29.9	0.4%
W	Water	42.7	0.5%
Wy	Wayland silt loam	143.0	1.7%
Totals for Area of Interest		**8,343.0**	**100.0%**

STATE OF NEW YORK)
)ss.:
COUNTY OF DUTCHESS)

I, the undersigned Deputy Director of the Dutchess County Water and Wastewater Authority, DO HEREBY CERTIFY:

That I have compared the annexed extract of the minutes of the meeting of the Dutchess County Water and Wastewater Authority, including the resolution contained therein, held on **June 5, 2024** with the original thereof on file in my office, and that the same is a true and correct transcript therefrom and of the whole of said original so far as the same relates to the subject matters therein referred to.

I FURTHER CERTIFY that all members of said Authority had due notice of said meeting.

I FURTHER CERTIFY that, pursuant to Section 103 of the Public Officers Law (Open Meetings Law), said meeting was open to the general public.

I FURTHER CERTIFY that, PRIOR to the time of said meeting, I duly caused a public notice of the time and place of said meeting to be given to the following newspapers and/or other news media as follows:

Newspaper and/or other news media	Date given
Poughkeepsie Journal	June 1, 2024

IN WITNESS WHEREOF, I have hereunto set my hand on the 11th day of June 2024.

Jonathan Churins

APPROVED
jchurins , 6/11/2024 3:47:19 PM

DEPUTY DIRECTOR

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: Hyde Park Regional (HPR) Interconnection with Quaker Hill Water (QHW), Acquisition of Dutchess Estates Water, South Cross Water and ZOA creation		
Project Location (describe, and attach a general location map): Continuous Right-of-Ways along, State Route 9G, South Cross Road, Fallkill Road, Forest Drive, and North Quaker Lane, and possible private easements		
Brief Description of Proposed Action (include purpose or need): The proposed action involves the installation of new 8-inch water main (approximately 36,000 linear feet) to connect the Quaker Hill Water System to the Hyde Park Regional Water System. The new water main will mostly be installed within the right-of-way of public roads. Potential easements may be utilized, if available, with such water main trajectory accounted for. A new booster pump station will be installed either at the North Storage Tank or at some point along the water main extension at a location determined by the Engineering design to provide adequate flow and pressure to QHW. Every potential location for a proposed elevated water storage tank are included in the proposed action. The proposed action will take into consideration the acquisition, Zone of Assessment (ZOA) creation and interconnection of the South Cross Road Water System at its closest viable point of connection, the acquisition, ZOA creation and interconnection of the Dutchess Estates Water System, and the ZOA creation of viable parcels along the final water main trajectory to receive water services.		
Name of Applicant/Sponsor: Dutchess County Water and Wastewater Authority (DCWWA)	Telephone: (845) 486-3601 E-Mail: dcwwa@dutchessny.gov	
Address: 1 LaGrange Avenue		
City/PO: Poughkeepsie	State: NY	Zip Code: 12603
Project Contact (if not same as sponsor; give name and title/role): Jason Teed, Project Manager	Telephone: E-Mail:	
Address: 1 LaGrange Avenue		
City/PO: Poughkeepsie	State: NY	Zip Code: 12603
Property Owner (if not same as sponsor): N/A - Public Right-of-Way	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, or Village Board of Trustees ☐Yes ☑No		
b. City, Town or Village Planning Board or Commission ☑Yes ☐No	Hyde Park Planning Board: Special Permit	May-June 2026 (projected)
c. City, Town or Village Zoning Board of Appeals ☐Yes ☑No		
d. Other local agencies ☑Yes ☐No	Hyde Park Highway, Street Opening Permit, Bldg Dept, Bldg Permit	May-June 2026 (projected)
e. County agencies ☑Yes ☐No	DC DOH (water), DC DPW(highway), DC Planning, Legislature (ZOA Creation)	May-June 2026 (projected for whole project), May-June 2025 (ZOA Creation)
f. Regional agencies ☐Yes ☑No		
g. State agencies ☑Yes ☐No	NYSDOT (highway), SHPO, NYSDOH, NYSDEC, NYSEFC	May-June 2026 (projected)
h. Federal agencies ☐Yes ☑No		

i. Coastal Resources.

i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☐Yes ☑No

ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☐Yes ☑No

iii. Is the project site within a Coastal Erosion Hazard Area? ☐Yes ☑No

C. Planning and Zoning

C.1. Planning and zoning actions.

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

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

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☐Yes ☑No

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

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

If Yes, identify the plan(s):

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

If Yes, identify the plan(s):

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?
The proposed project passes through four zoning districts: Neighborhood (N), Greenbelt (GB), Neighborhood Business (NBD), Neighborhood Core (NC)

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? Hyde Park CSD

b. What police or other public protection forces serve the project site?
Hyde Park Police Department, Dutchess County Sheriff, and NYS Troopers

c. Which fire protection and emergency medical services serve the project site?
Roosevelt Fire District and West Clinton Fire District

d. What parks serve the project site?
Hyde Park Recreation and Parks

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)? N/A - Utility Work

b. a. Total acreage of the site of the proposed action? 5 acres
b. Total acreage to be physically disturbed? +/- 9.0 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 5 acres

Note: 36,000 LF of water main will be installed within existing ROW/Easements. The proposed PS, if located outside ROW will be at the North Storage Tank (3.7 acres) Elevated Storage Tanks will be minimal disturbance for access road and footings

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: 24 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.

	One Family	Two Family	Three Family	Multiple Family (four or more)
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 1

ii. Dimensions (in feet) of largest proposed structure: 12 height; 16 width; and 24 length

iii. Approximate extent of building space to be heated or cooled: 390 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? (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? _____

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

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

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

iv. Will there be onsite dewatering or processing of excavated materials? ☐ Yes ☐ No

If yes, describe. _____

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

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

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

viii. Will the excavation require blasting? ☐ Yes ☐ No

ix. Summarize site reclamation goals and plan: _____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☐ Yes ☑ No

If Yes:

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

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

_____

_____

_____

_____

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

If Yes, describe: _____

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

If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____
- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

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

c. Will the proposed action use, or create a new demand for water? ☐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:

i. How much impervious surface will the project create in relation to total size of project parcel?

1000 Square feet or _____ acres (impervious surface) Note: sqft includes Pump Station and Footings for Storage Tank

_____ Square feet or _____ acres (parcel size)

ii. Describe types of new point sources. Pump Station @ North Storage Tank or adjacent to State Route 9G. Pipe will be installed below existing roadways with no new impervious surface. Elevated Storage Tank on footings.

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)?

To the ground surface

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

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

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☐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 (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (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 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: 124,000 kWh

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.

i. During Construction:

- Monday - Friday: 7:00am - 5:00pm
- Saturday: None
- Sunday: None
- Holidays: None

ii. During Operations:

- 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:

Construction will occur Monday-Friday, 7:00am - 5:00pm, excluding holidays.

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:

Wall mounted light fixtures are proposed approximately 8'-10' above ground level, above the new main entrance of the proposed booster pump station. Proposed lighting will be dark sky compliant.

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: _____ tons per _____ (unit of time)
- Operation : _____ tons per _____ (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction: _____
- Operation: _____

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

- Construction: _____
- Operation: _____

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☑ No

If Yes:

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): Right-of-way

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	24	24.01	+0.01
• Forested	3	3	0
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)	0.8	0.81	+0.01
• Other Describe: _____			

c. Is the project site presently used by members of the community for public recreation? ☐ Yes ☑ No

i. If Yes: explain: _____

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:

Franklin D. Roosevelt High School, North Park Elementary School, Creative Gardens Day Care

e. Does the project site contain an existing dam? ☐ Yes ☑ No

If Yes:

i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____

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? 2-4 feet

b. Are there bedrock outcroppings on the project site? ☑Yes☐No
If Yes, what proportion of the site is comprised of bedrock outcroppings? 15 %

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

Nassau-Cardigan Complex	50 %	→ PS, Pipe
Hoosic Gravelly Loam	45 %	→ Pipe
Nassau-Rock	5 %	→ Storage Tank

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

e. Drainage status of project site soils:
☑ Well Drained: ____ % of site
☐ Moderately Well Drained: ____ % of site
☐ Poorly Drained ____ % of site
Relative to pump station and storage tank locations

f. Approximate proportion of proposed action site with slopes:
☑ 0-10%: 50 % of site
☑ 10-15%: 30 % of site
☑ 15% or greater: 20 % of site
Relative to water main, and all pump station and storage tank locations

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 862-412, 862-413, 862-415, 862-415.1, 862-393, ... Classification A(T), C
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name Federal Waters, NYS Wetland, Federal Waters, Fe... Approximate Size NYS Wetland (in a...
- Wetland No. (if regulated by DEC) HP-40

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:Fall Kill and tribs - Total Phosphorus

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

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

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

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

m. Identify the predominant wildlife species that occupy or use the project site:

Frogs	Squirrels	
Turtles	Various Bird Species	
Deer	Chipmunks	

n. Does the project site contain a designated significant natural community? ☑ Yes ☐ No

If Yes:

i. Describe the habitat/community (composition, function, and basis for designation): Red Maple-Hardwood Swamp, Hemlock-Northern Hardwood Forest

ii. Source(s) of description or evaluation:

iii. Extent of community/habitat:

- Currently: 102.0, 749.66 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? ☑ Yes ☐ No

If Yes:

i. Species and listing (endangered or threatened): Blanding's Turtle, Indiana Bat

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? ☐ Yes ☑ No

If Yes:

i. Species and listing:

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☐ Yes ☑ 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? ☑ Yes ☐ No

If Yes, provide county plus district name/number: DUTC020 (State Designation) County Agricultural District (21)

b. Are agricultural lands consisting of highly productive soils present? ☐ Yes ☑ No

i. If Yes: acreage(s) on project site?

ii. 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? ☐ Yes ☑ No

If Yes:

i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature

ii. 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? ☑ Yes ☐ No

If Yes:

i. CEA name:

ii. Basis for designation: Sensitivity to change & habitat and species protection

iii. Designating agency and date: Agency:Hyde Park, Town of, Date:6-7-2009

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: Stoutenburgh, William, House

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

William: Historic Home 18th Century

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 fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☑ Yes ☐ No

If Yes:

i. Identify resource: Black Creek Preserve, Riverfront Park, Hyde Park Rec, Pinewoods Park, Roosevelt Farm Lane, Staatsburg Park Playground

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

iii. Distance between project and resource: 0 and 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.

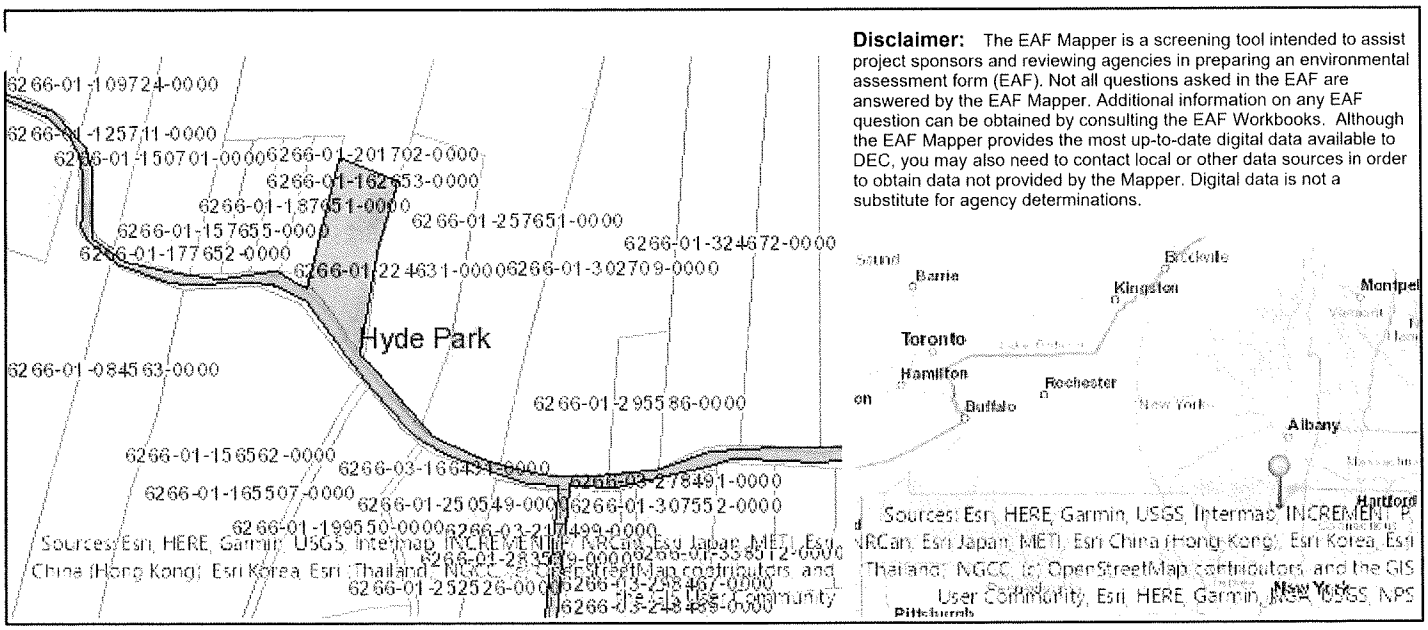
Applicant/Sponsor Name Jonathan Churins Date 2025-03-31

Signature _____ Title Executive Director

PRINT FORM

EAF Mapper Summary Report

Monday, March 31, 2025 7:49 AM



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]	862-412, 862-413, 862-415, 862-415.1, 862-393, 862-398
E.2.h.iv [Surface Water Features - Stream Classification]	A(T), C
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters, NYS Wetland
E.2.h.iv [Surface Water Features - Wetlands Size]	NYS Wetland (in acres):18.2
E.2.h.iv [Surface Water Features - DEC Wetlands Number]	HP-40
E.2.h.v [Impaired Water Bodies]	Yes

E.2.h.v [Impaired Water Bodies - Name and Basis for Listing]	Name - Pollutants - Uses:Fall Kill and tribs - Total Phosphorus
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]	Yes
E.2.n.i [Natural Communities - Name]	Red Maple-Hardwood Swamp, Hemlock-Northern Hardwood Forest
E.2.n.i [Natural Communities - Acres]	102.0, 749.66
E.2.o. [Endangered or Threatened Species]	Yes
E.2.o. [Endangered or Threatened Species - Name]	Blanding's Turtle, Indiana Bat
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	Yes
E.3.a. [Agricultural District]	DUTC020
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	Yes
E.3.d [Critical Environmental Area - Name]	
E.3.d.ii [Critical Environmental Area - Reason]	Sensitivity to change & habitat and species protection
E.3.d.iii [Critical Environmental Area – Date and Agency]	Agency:Hyde Park, Town of, Date:6-7-2009
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.
E.3.e.ii [National or State Register of Historic Places or State Eligible Sites - Name]	Stoutenburgh, William, House
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

Environment Committee Roll Call

District	*Name*	*Yes*	*No*
District 7 - Hyde Park and Pleasant Valley	Truitt*	✓	
District 25 - Amenia, Washington, Pleasant Valley & Millbrook	Houston*		
District 3 - LaGrange	Polasek*		
District 16 - Fishkill and Beacon	Valdés Smith*		
District 9 - City of Poughkeepsie	Atkins*		
District 1 - Town of Poughkeepsie	Gorman		
District 4 - Hyde Park and Town of Poughkeepsie	Lawler		
District 5 - Town of Poughkeepsie	D'Aquanni (C)		
District 6 - Town of Poughkeepsie	Kaul		
District 13 - East Fishkill and Wappinger	Paoloni (VC)		
District 18 - City of Beacon and Fishkill	Page		
District 24 - Dover and Pawling	House		

Present: 12 Resolution: ✓ Total : 12 Yes 0 No

Absent: 0 Motion: ____

Vacant: 0 Abstentions: 0

2025179 ADOPTION OF NEGATIVE DECLARATION IN CONNECTION WITH THE ESTABLISHMENT OF ZONE OF ASSESSMENT "029A" AND ZONE OF ASSESSMENT "029B" IN THE DUTCHESS COUNTY WATER DISTRICT LOCATED IN THE TOWN OF HYDE PARK

NOVEMBER 6, 2025

Roll Call Sheets

District	Last Name	YES	NO
District 7 - Hyde Park and Pleasant Valley	Truitt	✓	
District 25 - Amenia, Washington, Pleasant Valley & Millbrook	Houston		
District 3 - LaGrange	Polasek		
District 16 - Fishkill and Beacon	Valdés Smith		
District 9 - City of Poughkeepsie	Atkins		
District 1 - Town of Poughkeepsie	Gorman		
District 2 - LaGrange, Pleasant Valley & Town of Poughkeepsie	Travelpiece		
District 4 - Hyde Park and Town of Poughkeepsie	Lawler		
District 5 - Town of Poughkeepsie	D'Aquanni		
District 6 - Town of Poughkeepsie	Kaul		
District 8 - City and Town of Poughkeepsie	Brendli		
District 10 - City of Poughkeepsie	Johnson	absent	
District 11 - Clinton, Pleasant Valley, and Rhinebeck	Kearney		
District 12 - East Fishkill	Metzger		
District 13 - East Fishkill and Wappinger	Paoloni		
District 14 - Wappinger and Town of Poughkeepsie	Versaci		
District 15 - Wappinger	Faust		
District 17 - Town and Village of Fishkill	McHoul		
District 18 - City of Beacon and Fishkill	Page		
District 19 - North East, Stanford, Pine Plains, Milan & Red Hook	Drago		
District 20 - Red Hook, Tivoli, and Rhinebeck	Munn		
District 21 - East Fishkill	Caswell		
District 22 - Beekman and Union Vale	Garito		
District 23 - Pawling, Beekman and East Fishkill	Rolison		
District 24 - Dover and Pawling	House		

Present: 24 **Resolution:** ✓ **Total :** 24 (Yes) 0 (No)

Absent: 1 **Motion:** ____

Vacant: 0 **Abstentions:** 0

2025179 ADOPTION OF NEGATIVE DECLARATION IN CONNECTION WITH THE ESTABLISHMENT OF ZONE OF ASSESSMENT "029A" AND ZONE OF ASSESSMENT "029B" IN THE DUTCHESS COUNTY WATER DISTRICT LOCATED IN THE TOWN OF HYDE PARK

NOVEMBER 10, 2025