

E-1

**TOWN OF HARRISON
VILLAGE OF HARRISON
ATTORNEY'S OFFICE**

MEMORANDUM

TO: Ronald W. Belmont, Supervisor
Members of the Town Board

FROM: Andrea C. Rendo, Deputy Village Attorney *ACK*

DATE: February 20, 2020

RE: **Notice to Establish Lead Agency – Rye Lake Filtration Facility**

Enclosed for your review and consideration is a Notice from Westchester Joint Water Works expressing their intention to establish themselves as Lead Agency, pursuant to the State Environmental Quality Act, for the construction of the Rye Lake Filtration Facility.

If the Board agrees to this designation, this matter would need to be approved by Resolution at the March 5, 2020 Town Board meeting.

ACR:ld



Westchester Joint Water Works

1625 Mamaroneck Avenue
Mamaroneck, New York 10543
www.wjww.com

Telephone: (914) 698-3500
Fax: (914) 381-4241
Fax: (914) 381-0349

February 14, 2020

Town/Village of Harrison
Mayor Ron Belmont and Town Board
1 Heineman Place
Harrison, NY 10528

**Re: Notice of Intent to Establish Lead Agency
Westchester Joint Water Works Rye Lake Filtration Facility
Town of Harrison, Westchester County**

Dear Mayor Belmont:

Pursuant to the State Environmental Quality Review Act ("SEQRA") and 6 NYCRR 617.6(b)(3)(i), please be advised that Westchester Joint Water Works intends to establish itself as Lead Agency for the purposes of fulfilling the SEQRA requirements relative to the proposed construction of the Westchester Joint Water Works Rye Lake Filtration Facility. The project is in the Town of Harrison, Westchester County.

The Westchester Joint Water Works (WJWW) proposes to construct and operate a 30-MGD Dissolved Air Flotation/Filtration (DAFF) water treatment facility for its nearby Rye Lake (Kensico Reservoir) water source. The project would include a filtration facility, access road, parking lot, utilities installation for water and sewer, and stormwater management features on a 9.7-acre project site. Together, this work constitutes the Proposed Action. The site is located adjacent to Westchester County Airport and accessed by Tower Road.

Construction of the facility would require minor relocation of the existing Airport secondary fence line separating the site and Westchester County Airport.

WJWW is a non-profit public benefit corporation consisting of the member municipalities of the Village of Mamaroneck, Town of Mamaroneck, and the Town/Village of Harrison. WJWW supplies water on a retail basis to its member municipalities and to portions of the City of Rye and the City of New Rochelle, serving a total retail population of over 59,000. WJWW also sells water on a wholesale basis to the Village of Larchmont and Suez Water Westchester which supplies water to the City of Rye, Village of Rye Brook, and Village of Portchester. The filtration plant would have the capacity to meet the maximum day water supply demand of the entire WJWW water system.

WJWW is under a New York State Court Order (Index No. 133-64-00, Supreme Court, Westchester County) and United States Environmental Protection Agency (USEPA) Administrative Order (AO SDWA-02-2020-8001) to construct a water filtration facility for its Rye Lake (Kensico Reservoir) water source to comply with the New York State Sanitary Code, and USEPA's Surface Water Treatment Rule and Long-Term 2 Enhanced Surface Water Treatment Rule. The filtration plant would include enhanced coagulation which would remove disinfection byproduct precursors which would contribute towards lowering levels of total trihalomethanes (TTHM) and haloacetic acids (HAA5) in the drinking water, and would give WJWW better ability to routinely comply with the maximum contaminant levels for TTHM and HAA5 as required by

the Stage 2 Disinfectants and Disinfection Byproducts Rule (DBPR). Per requirements of the AO, WJWW must meet the following design, construction, and operation compliance milestones: (1) commence design by January 31, 2020; (2) commence construction by January 1, 2022; (3) completion and operation of the filtration plant by October 15, 2024. The purpose and need of the Proposed Action is to improve drinking water quality to WJWW customers, and to comply with the state and federal rules and regulations cited above per the requirements of the New York State Court Order and USEPA AO.

Enclosed for your review, as required pursuant to 617.6(b)(3)(i), is Part 1 of a completed Full Environmental Assessment Form which describes the Proposed Action. The form is complete with all information available at this time.

In accordance with 6 NYCRR 617(b)(3)(i), all involved agencies must agree upon Lead Agency designation within thirty (30) calendar days of this letter. If you are in agreement with the proposed SEQRA Lead Agency Designation, then no response is required. In the event that you disagree with the proposed designation of Westchester Joint Water Works as Lead Agency for this proposed project, send written notice of said disagreement to the following address by March 23, 2020:

Paul Kutzy P.E, Manager
Westchester Joint Water Works
1625 Mamaroneck Avenue
Mamaroneck, NY 10543

Sincerely,

A handwritten signature in dark ink, appearing to read 'Paul Kutzy', with a long horizontal flourish extending to the right.

Paul Kutzy P.E, Manager
Westchester Joint Water Works

Encl.: Part 1 of the Full Environmental Assessment Form (EAF)

CC: Nancy Seligson, Westchester Joint Water Works Board of Trustees

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: Westchester Joint Water Works Rye Lake Filtration Facility		
Project Location (describe, and attach a general location map): Town of Harrison, Westchester County, (P/O SBL 0009710000008) ~1,000 ft north of intersection of Tower Road & Purchase Street (Figure 1)		
Brief Description of Proposed Action (include purpose or need): See Attachment 1		
Name of Applicant/Sponsor: Westchester Joint Water Works		Telephone: 914-698-3500
		E-Mail: pkutzy@wjww.com
Address: 1625 Mamaroneck Avenue		
City/PO: Mamaroneck	State: New York	Zip Code: 10543
Project Contact (if not same as sponsor; give name and title/role): Paul Kutzy, Manager, Westchester Joint Water Works		Telephone: 914-698-3500 (x 611)
		E-Mail: pkutzy@wjww.com
Address: 1625 Mamaroneck Avenue		
City/PO: Mamaroneck	State: New York	Zip Code: 10543
Property Owner (if not same as sponsor): Westchester County - Com. of Public Works and Transportations Hugh J. Greechan, Jr., PE		Telephone: (914) 995-2546
		E-Mail: hjg7@westchestergov.com
Address: 148 Martine Avenue		
City/PO: White Plains	State: NY	Zip Code: 10601

B. Government Approvals

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

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Counsel, Town Board, <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No or Village Board of Trustees	See Attachment 1	See Attachment 1
b. City, Town or Village <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Planning Board or Commission	See Attachment 1	See Attachment 1
c. City, Town or <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Village Zoning Board of Appeals		
d. Other local agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Attachment 1	See Attachment 1
e. County agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Attachment 1	See Attachment 1
f. Regional agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Attachment 1	See Attachment 1
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Attachment 1	See Attachment 1
h. Federal agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	See Attachment 1	See Attachment 1
i. Coastal Resources.		
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
iii. Is the project site within a Coastal Erosion Hazard Area?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

C. Planning and Zoning

C.1. Planning and zoning actions.	
Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<ul style="list-style-type: none"> If Yes, complete sections C, F and G. If No, proceed to question C.2 and complete all remaining sections and questions in Part 1 	
C.2. Adopted land use plans.	
a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway; Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes, identify the plan(s): New York City Watershed Boundary, Critical Environmental Area (Airport 60 Ldn Noise Contour)	
c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
If Yes, identify the plan(s): N/A	

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?
SB-0 Special Business District

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

- c. Is a zoning change requested as part of the proposed action? ☐ Yes ☒ No

If Yes,

- i. What is the proposed new zoning for the site? N/A

C.4. Existing community services.

- a. In what school district is the project site located? Harrison Central School District [Note: The Proposed Project would not result in changes to the current population and therefore would not result in changes in demand on the school district.]

- b. What police or other public protection forces serve the project site?

Town of Harrison Police Department, Westchester County Department of Emergency Services

- c. Which fire protection and emergency medical services serve the project site?

Purchase Fire Department, Harrison Emergency Medical Services, Westchester County Department of Emergency Services

- d. What parks serve the project site?

There are no parks within 1/2-mile of the proposed project site. [Note: The Proposed Project would not result in changes to the current population and therefore would not result in changes in use or demand on open space.]

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)? Industrial

- b. a. Total acreage of the site of the proposed action? 9.7 acres

- b. Total acreage to be physically disturbed? 9.7 acres

- c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 0 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)? % N/A Units: N/A

- d. Is the proposed action a subdivision, or does it include a subdivision? To Be Determined ☐ Yes ☐ No

If Yes,

- i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
To Be Determined

- ii. Is a cluster/conservation layout proposed? ☐ Yes ☒ No

- iii. Number of lots proposed? See Attachment 1

- 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: 30 months

- ii. If Yes: N/A

- 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:

N/A

f. Does the project include new residential uses? ☐ Yes ☒ No
If Yes, show numbers of units proposed. N/A

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

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: 30 height; 150 width; and 300 length
iii. Approximate extent of building space to be heated or cooled: ~40,000 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: Stormwater infrastructure and ponds to attenuate peak flows to pre-construction conditions
ii. If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☒ Other specify: Stormwater runoff
iii. If other than water, identify the type of impounded/contained liquids and their source.
N/A
iv. Approximate size of the proposed impoundment. Volume: TBD million gallons; surface area: TBD acres
v. Dimensions of the proposed dam or impounding structure: TBD height; TBD length
vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):
Stormwater ponds would be excavated and impounding structure would be composed of earth fill

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? ☒ Yes ☐ No
(Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)
If Yes:
i. What is the purpose of the excavation or dredging? Installation of foundation, below-grade process tanks, utilities, and stormwater BMPs
ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?
• Volume (specify tons or cubic yards): 125,000 CY
• Over what duration of time? 6-12 months
iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.
Materials to be excavated include earth, rock, and soil for building foundation, below-grade portion of process tanks, and potential stormwater BMPs. A portion of these excavated materials will be used for grading onsite and the remainder will be hauled offsite to an approved disposal facility.
iv. Will there be onsite dewatering or processing of excavated materials? ☒ Yes ☐ No
If yes, describe. Onsite dewatering would potentially be required during construction for excavation of the main process building and potentially excavation of stormwater BMPs.
v. What is the total area to be dredged or excavated? up to 9.7 acres
vi. What is the maximum area to be worked at any one time? 5 acres
vii. What would be the maximum depth of excavation or dredging? 40 feet
viii. Will the excavation require blasting? ☐ Yes ☒ No
ix. Summarize site reclamation goals and plan: None identified at this time.

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): A wetland delineation was conducted on August 14, 2019 to confirm the location of wetlands previously identified in an FEIS conducted for an unrelated project. NYS DEC and federal wetlands are located on site.

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:
 The project's access road and sewer line installation will encroach within the wetland buffer area and slightly into the wetland.

iii. Will the proposed action cause or result in disturbance to bottom sediments? ☐ Yes ☒ No
 If Yes, describe: N/A

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

v. Describe any proposed reclamation/mitigation following disturbance: N/A

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: 1,440 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: Westchester Joint Water Works
 • 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: Proposed water main extension to support construction/operation and transmission main to/from Purchase Street
 • Source(s) of supply for the district: Rye Lake

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: N/A
 • Date application submitted or anticipated: N/A
 • Proposed source(s) of supply for new district: N/A

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

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

d. Will the proposed action generate liquid wastes? ☒ Yes ☐ No
 If Yes:
 i. Total anticipated liquid waste generation per day: 1,680 - 2,040 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): Sanitary wastewater (1,440 gpd) and industrial process wastewater (240 to 600 gpd). There will be no hazardous waste included in the liquid wastes. See Attachment 1 for further discussion.

iii. Will the proposed action use any existing public wastewater treatment facilities? ☒ Yes ☐ No
 If Yes:
 • Name of wastewater treatment plant to be used: Blind Brook Wastewater Treatment Plant
 • Name of district: Blind Brook Sewer 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

<ul style="list-style-type: none"> • Do existing sewer lines serve the project site? _____ • Will a line extension within an existing district be necessary to serve the project? _____ 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes: <ul style="list-style-type: none"> • Describe extensions or capacity expansions proposed to serve this project: _____ 	
Proposed new sanitary force main to connect to existing sewer line _____	
iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes: <ul style="list-style-type: none"> • Applicant/sponsor for new district: <u>N/A</u> • Date application submitted or anticipated: <u>N/A</u> • What is the receiving water for the wastewater discharge? <u>N/A</u> 	
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): _____	
<u>N/A</u>	
vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____	
<u>N/A</u>	
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? _____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes: <ul style="list-style-type: none"> i. How much impervious surface will the project create in relation to total size of project parcel? _____ 	
_____ Square feet or _____ 4 acres (impervious surface)	
_____ Square feet or _____ 9.7 acres (parcel size)	
ii. Describe types of new point sources. <u>Drainage piping, drainage swales, roof gutters, curbs</u>	
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)? _____	
Stormwater discharges will be directed to on-site stormwater management structures, including bioretention and storage basins, and ultimately discharge to a stream (Class A), which runs through freshwater wetlands prior to discharge into Rye Lake.	
<ul style="list-style-type: none"> • If to surface waters, identify receiving water bodies or wetlands: _____ 	
<u>Stream 935-45 (Class A), adjacent freshwater wetlands, and Rye Lake</u>	
<ul style="list-style-type: none"> • Will stormwater runoff flow to adjacent properties? _____ 	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? _____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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? _____	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
If Yes, identify: <ul style="list-style-type: none"> i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles) _____ 	
<u>Employee and visitor vehicles, chemical delivery vehicles, sludge hauling trucks</u>	
ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers) _____	
<u>Power generation</u>	
iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation) _____	
<u>Emergency generator, handling of water treatment residuals</u>	
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? _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes: <ul style="list-style-type: none"> 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) _____ 	
<u>N/A</u> <input type="checkbox"/> Yes <input type="checkbox"/> No	
ii. In addition to emissions as calculated in the application, the project will generate: <ul style="list-style-type: none"> • _____ <u>N/A</u> Tons/year (short tons) of Carbon Dioxide (CO₂) • _____ <u>N/A</u> Tons/year (short tons) of Nitrous Oxide (N₂O) • _____ <u>N/A</u> Tons/year (short tons) of Perfluorocarbons (PFCs) • _____ <u>N/A</u> Tons/year (short tons) of Sulfur Hexafluoride (SF₆) • _____ <u>N/A</u> Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs) • _____ <u>N/A</u> 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): N/A

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

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):
N/A

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 N/A to N/A

ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks):
1-2 operators on site, with minimal regular attendance/traffic. ~ 2-3 trucks per week for sludge hauling, and ~5 chemical delivery trucks per month

iii. Parking spaces: Existing 0 Proposed 5-10 Net increase/decrease 5-10

iv. Does the proposed action include any shared use parking? N/A ☐ Yes ☐ No

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

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

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

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? N/A ☐ 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: 2900 kVA

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

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

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

<p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: <u>7:30 AM - 4:00 PM</u> • Saturday: <u>N/A</u> • Sunday: <u>N/A</u> • Holidays: <u>N/A</u> 	<p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: <u>24 hours/d</u> • Saturday: <u>24 hours/d</u> • Sunday: <u>24 hours/d</u> • Holidays: <u>24 hours/d</u>
--	---

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 noise sources include construction equipment and construction-related vehicles during weekdays and will adhere to Chapter 177, Noise. Operational noise levels are not anticipated to exceed existing ambient noise levels.

ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? ☒ Yes ☐ No
 Describe: Site preparation will require tree removal within the site that could act as a natural noise barrier or screen. The proposed plan would include a 100-foot setback from Purchase Street and landscaping.

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:
 Exterior lighting for roadways, parking areas, and pedestrian walkways/entrances would be provided. Illumination levels and fixture locations would be based on personnel safety and security, with attention to prevent glare and reduce light seen outside facility area.

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☒ Yes ☐ No
 Describe: Site preparation will require tree removal within the site that could act as a natural light barrier or screen. The proposed plan would include a 100-foot setback from Purchase Street.

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:
 N/A

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 Polyaluminum Chloride, NaOH, NaOCl, Hydrofluosilicic Acid, Phosphoric Acid, Sulfuric Acid, Cationic Polymer, Diesel Fuel

ii. Volume(s) 108,000gal per unit time N/A (e.g., month, year)

iii. Generally, describe the proposed storage facilities:
 Process chemicals and diesel fuel would be stored in tanks with secondary containment within the facility.

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):
 N/A

ii. Will the proposed action use Integrated Pest Management Practices? N/A ☐ 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: 33 tons per month (unit of time)
- Operation : 0.22 tons per month (unit of time) See Attachment 1

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

- Construction: None identified at this time.
- Operation: None identified at this time.

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

- Construction: Disposal at the Charles Point Resource Recovery Plant in Peekskill, NY
- Operation: Worker-generated solid waste would be disposed of at the Charles Point Resource Recovery Plant in Peekskill, NY in accordance with local requirements. Treatment byproduct solids would be hauled offsite for disposal at an approved facility.

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): N/A

ii. Anticipated rate of disposal/processing:

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

iii. If landfill, anticipated site life: N/A 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: N/A

ii. Generally describe processes or activities involving hazardous wastes or constituents: N/A

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

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

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

If Yes: provide name and location of facility: N/A

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

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): Transportation (Airport)

ii. If mix of uses, generally describe:

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	0.7	4	+3.3
• Forested	7.0	2.1	-4.9
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0	0	0
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0.1	0.1	0
• Wetlands (freshwater or tidal)	1.9	1.9	0
• Non-vegetated (bare rock, earth or fill)	0	0	0
• Other Describe: <u>Stormwater</u>	0	1.6	1.6

<p>c. Is the project site presently used by members of the community for public recreation?</p> <p>i. If Yes: explain: <u>N/A</u></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>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?</p> <p>If Yes,</p> <p>i. Identify Facilities:</p> <p><u>N/A</u></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>e. Does the project site contain an existing dam?</p> <p>If Yes:</p> <p>i. Dimensions of the dam and impoundment:</p> <ul style="list-style-type: none"> • Dam height: _____ <u>N/A</u> feet • Dam length: _____ <u>N/A</u> feet • Surface area: _____ <u>N/A</u> acres • Volume impounded: _____ <u>N/A</u> gallons OR acre-feet <p>ii. Dam's existing hazard classification: <u>N/A</u></p> <p>iii. Provide date and summarize results of last inspection:</p> <p><u>N/A</u></p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>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?</p> <p>If Yes:</p> <p>i. Has the facility been formally closed?</p> <ul style="list-style-type: none"> • If yes, cite sources/documentation: <u>NYSDEC Environmental Remediation Database Site 360036 Harrison Subresidency</u> <p>ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:</p> <p><u>The closed solid waste management facility (landfill) is located approximately 0.28 miles east and cross-gradient from the proposed project site.</u></p> <p>iii. Describe any development constraints due to the prior solid waste activities:</p> <p><u>Pending Phase II Environmental Site Assessment.</u></p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<p>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?</p> <p>If Yes:</p> <p>i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:</p> <p><u>The project site is adjacent to an area that was used to dispose roadside and highway construction debris from 1967 to 1976 (Environmental Remediation Site 360035). Prior to remediation, contaminants of concern were benzene, toluene, ethylbenzene, and xylene. Remediation at the site is complete.</u></p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<p>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?</p> <p>If Yes:</p> <p>i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> Yes – Spills Incidents database <input type="checkbox"/> Yes – Environmental Site Remediation database <input checked="" type="checkbox"/> Neither database </div> <div style="width: 45%;"> Provide DEC ID number(s): <u>N/A</u> Provide DEC ID number(s): <u>N/A</u> </div> </div> <p>ii. If site has been subject of RCRA corrective activities, describe control measures:</p> <p><u>N/A</u></p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database?</p> <p>If yes, provide DEC ID number(s): <u>Environmental Remediation Sites: 360035 - Harrison Subresidency, V00652 Former DPW Staging Area</u></p> <p>iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):</p> <p><u>Environmental Remediation Site 360036 Harrison Subresidency: Remediation is complete. Landfill is closed.</u> <u>Environmental Remediation Site V00652 Former DPW Staging Area: Remediation is complete.</u></p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

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

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? N/A feet Bedrock not encountered during preliminary geotechnical investigation up to 50 ft below ground surface.

b. Are there bedrock outcroppings on the project site? ☐ Yes ☒ No
If Yes, what proportion of the site is comprised of bedrock outcroppings? N/A %

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

<u>Udorthents, smoothed (Ub)</u>	<u>36.3</u> %
<u>Woodbridge loam (WdB)</u>	<u>30.4</u> %
<u>Paxton fine sandy loam (PnB)</u>	<u>18.7</u> %

d. What is the average depth to the water table on the project site? Average: 18 feet

e. Drainage status of project site soils: ☒ Well Drained: 20 % of site
☒ Moderately Well Drained: 67 % of site
☒ Poorly Drained: 12 % of site

f. Approximate proportion of proposed action site with slopes: ☒ 0-10%: 83 % of site
☒ 10-15%: 9 % of site
☒ 15% or greater: 8 % of site

g. Are there any unique geologic features on the project site? ☐ Yes ☒ No
If Yes, describe: N/A

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 <u>935-45</u>	Classification <u>A</u>
• Lakes or Ponds:	Name <u>N/A</u>	Classification <u>N/A</u>
• Wetlands:	Name <u>Unknown</u>	Approximate Size <u></u>
• Wetland No. (if regulated by DEC)	<u></u>	

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: N/A

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: N/A

m. Identify the predominant wildlife species that occupy or use the project site:		
<u>Eastern Chipmunk (Tamias striatus)</u>	<u>Striped Skunk (Mephitis mephitis)</u>	<u>eastern cottontail (Sylvilagus floridanus)</u>
<u>Grey Squirrel (Sciurus carolinensis)</u>	<u>Red Fox (Vulpes vulpes)</u>	<u>American Robin (Turdus migratorius)</u>
<u>White Tailed Deer (Odocoileus virginianus)</u>	<u>little brown bat (Myotis lucifugus)</u>	<u>Blue Jay (Cyanocitta cristata)</u>
n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If Yes:		
i. Describe the habitat/community (composition, function, and basis for designation): <u>N/A</u>		
ii. Source(s) of description or evaluation: <u>N/A</u>		
iii. Extent of community/habitat:		
• Currently:	<u>N/A</u>	acres
• Following completion of project as proposed:	<u>N/A</u>	acres
• Gain or loss (indicate + or -):	<u>N/A</u>	acres
o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
If Yes:		
i. Species and listing (endangered or threatened): _____		
IPac identified 3 federal threatened or endangered species that could occur within/adjacent to the project area: Bog Turtle (Clemmys muhlenbergii), Indiana Bat (Myotis sodalis), and Northern Long-eared Bat (Myotis septentrionalis). Critical habitat is not present within the project site. NYSDEC New York Natural Heritage Program did not identify any threatened or endangered species or designated critical habitat within/adjacent to the project area.		
p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If Yes:		
i. Species and listing: _____		
<u>N/A</u>		
q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If yes, give a brief description of how the proposed action may affect that use: _____		
<u>N/A</u>		
E.3. Designated Public Resources On or Near Project Site		
a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If Yes, provide county plus district name/number: <u>N/A</u>		
b. Are agricultural lands consisting of highly productive soils present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
i. If Yes: acreage(s) on project site? <u>N/A</u>		
ii. Source(s) of soil rating(s): <u>N/A</u>		
c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
If Yes:		
i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature		
ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____		
<u>N/A</u>		
d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
If Yes:		
i. CEA name: <u>Airport 60 Ldn Noise Contour</u>		
ii. Basis for designation: <u>Exceptional or unique character</u>		
iii. Designating agency and date: <u>Westchester County, 1-31-1990</u>		

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: N/A

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

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): See Attachment 1

ii. Basis for identification: See Attachment 1

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

If Yes:

i. Identify resource: N/A

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

iii. Distance between project and resource: N/A 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: N/A

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 Paul Kutzy Date 2/14/20

Signature  Title Manager

PRINT FORM

Full Environmental Assessment Form, Part 1 – Project and Setting
Attachment 1

Section A. Project and Applicant/Sponsor Information

Brief Description of Proposed Action (include purpose or need):

The Westchester Joint Water Works (WJWW) proposes to construct and operate a 30-MGD Dissolved Air Flotation/Filtration (DAFF) water treatment facility for its nearby Rye Lake (Kensico Reservoir) water source. The project would include a filtration facility, access road, parking lot, utilities installation for water and sewer, and stormwater management features on a 9.6-acre project site. Together, this work constitutes the Proposed Action. The filtration facility would be located on a portion of property currently owned by Westchester County (see Figure 1, Location Map). This site is located adjacent to Westchester County Airport and accessed by Tower Road.

Construction of the facility would require minor relocation of the existing Airport secondary fence line separating the site and Westchester County Airport. The facility building would be approximately one acre. Proposed impervious features, including an access road from Tower Road, parking lot, walkways and the facility itself, would total approximately four acres.

WJWW is a non-profit public benefit corporation consisting of the member municipalities of the Village of Mamaroneck, Town of Mamaroneck, and the Town/Village of Harrison. WJWW supplies water on a retail basis to its member municipalities and to portions of the City of Rye and the City of New Rochelle, serving a total retail population of over 59,000. WJWW also sells water on a wholesale basis to the Village of Larchmont and Suez Water Westchester which supplies water to the City of Rye, Village of Rye Brook, and Village of Portchester. The filtration plant would have the capacity to meet the maximum day water supply demand of the entire WJWW water system.

WJWW is under a New York State Court Order (Index No. 133-64-00, Supreme Court, Westchester County) and United States Environmental Protection Agency (USEPA) Administrative Order (AO SDWA-02-2020-8001) to construct a water filtration facility for its Rye Lake (Kensico Reservoir) water source to comply with the New York State Sanitary Code, and USEPA's Surface Water Treatment Rule and Long-Term 2 Enhanced Surface Water Treatment Rule. The filtration plant would include enhanced coagulation which would remove disinfection byproduct precursors which would contribute towards lowering levels of total trihalomethanes (TTHM) and haloacetic acids (HAA5) in the drinking water, and would give WJWW better ability to routinely comply with the maximum contaminant levels for TTHM and HAA5 as required by the Stage 2 Disinfectants and Disinfection Byproducts Rule (DBPR). Per requirements of the AO, WJWW must meet the following design, construction, and operation compliance milestones: (1) commence design by January 31, 2020; (2) commence construction by January 1, 2022; (3) completion and operation of the filtration plant by October 15, 2024. The purpose and need of the Proposed Action is to improve drinking water quality to WJWW customers, and to comply with the state and federal rules and regulations cited above per the requirements of the New York State Court Order and USEPA AO.

Full Environmental Assessment Form, Part 1 – Project and Setting
Attachment 1

Section B. Government Approvals, Funding, or Sponsorship (a-h).

Government Entity / Agency	Approval(s) Required	Application Date (Actual or projected)
USEPA	Compliance with Administrative Order SDWA-02-2020-8001	10/15/2024
USEPA	Water Infrastructure Finance and Innovation Act (WIFIA) Program	TBD
USACE	Wetlands / Section 404 CWA	1/30/2021
USFWS	Section 7 Consultation	1/30/2021
Federal Aviation Administration	Notice of Proposed Construction or Alteration (FAA Form 7460-1)	1/30/2021
NYSDEC	SPDES General Permit for Construction Activity	1/1/2022
NYSDEC	SPDES Industrial Permit (NY-2C) for Process Emergency Overflow	1/30/2021
NYSDEC*	401 Water Quality Certification*	1/30/2021
NYSDEC	Freshwater Wetlands	1/30/2021
Environmental Facilities Corporation / NYSDOH	Drinking Water State Revolving Fund Program	TBD
Environmental Facilities Corporation / NYSDOH	Water Infrastructure Improvement Act (WIIA) Grant Program	TBD
NYSDOH	Approval of Treatment Process and Plant Design	1/30/2021
NYSDOH	Compliance with Administrative Order SDWA-02-2020-8001	10/15/2024
NYSDOH	Approval of Completed Works	10/15/2024
NYSOPRHP	SHPO Consultation	8/8/2019
Westchester County Department of Health	Approval of Treatment Process and Plant Design	1/30/2021
Westchester County Department of Health	Compliance with Administrative Order SDWA-02-2020-8001	10/15/2024
Westchester County Department of Health	Approval of Completed Works	10/15/2024
Westchester County Board of Legislators	Approvals for obtaining property rights	TBD
Westchester Department of Public Works	Building Approvals and Road Permits	1/1/2022

Full Environmental Assessment Form, Part 1 – Project and Setting
Attachment 1

Government Entity / Agency	Approval(s) Required	Application Date (Actual or projected)
Westchester County Department of Environmental Facilities	Approval to Connect to County Sewer System	1/1/2022
Westchester County Planning Board	Administrative Review	1/30/2021
Town of Mamaroneck Supervisor	Approval of Funding	TBD
Town of Mamaroneck Town Board	Approval of Funding	TBD
Village of Mamaroneck Mayor	Approval of Funding	TBD
Village of Mamaroneck Town Board	Approval of Funding	TBD
Town/Village of Harrison, Town Board	Approval of Funding	TBD
Town/Village of Harrison, Mayor	Approval of Funding	TBD
Town/Village of Harrison Planning Board	Freshwater Wetlands Permit	1/30/2021
Town/Village of Harrison Planning Board	Site Plan Approval	1/30/2021
<i>Town/Village of Harrison Planning Board*</i>	<i>Subdivision Approval*</i>	<i>1/30/2021</i>
Town/Village of Harrison Planning Board	Special Exception Use Permit	1/30/2021
Town/Village of Harrison Town Board	Special Exception Use Permit	1/30/2021
Town/Village of Harrison Architectural Board of Review	Site Plan Approval	1/30/2021
Town/Village of Harrison Building Department	Building Permit	1/1/2022
Town/Village of Harrison Building Department	Tree Removal Permit	1/1/2022
Town/Village of Harrison Engineer	Land Disturbance Approval	1/1/2022
Town/Village of Harrison Engineer	Sewer Hookup	1/1/2022

** Italics indicates permits and/or approvals may not be required pending additional information.*

Full Environmental Assessment Form, Part 1 – Project and Setting
Attachment 1

Section D. Project Details

D.2.d.i Total Anticipated liquid waste generation per day: 1,680 – 2,040 gallons per day. This estimate of liquid waste generated per day includes both sanitary wastewater (1,440 gpd) and process wastewater (240 to 660 gpd) under typical conditions assuming sludge thickening. Alternatively, a potential sewer connection is being evaluated for discharge of liquid process waste to the wastewater system; the preliminary range of flow of process sludge waste is 12,000 to 35,000 gallons per day.

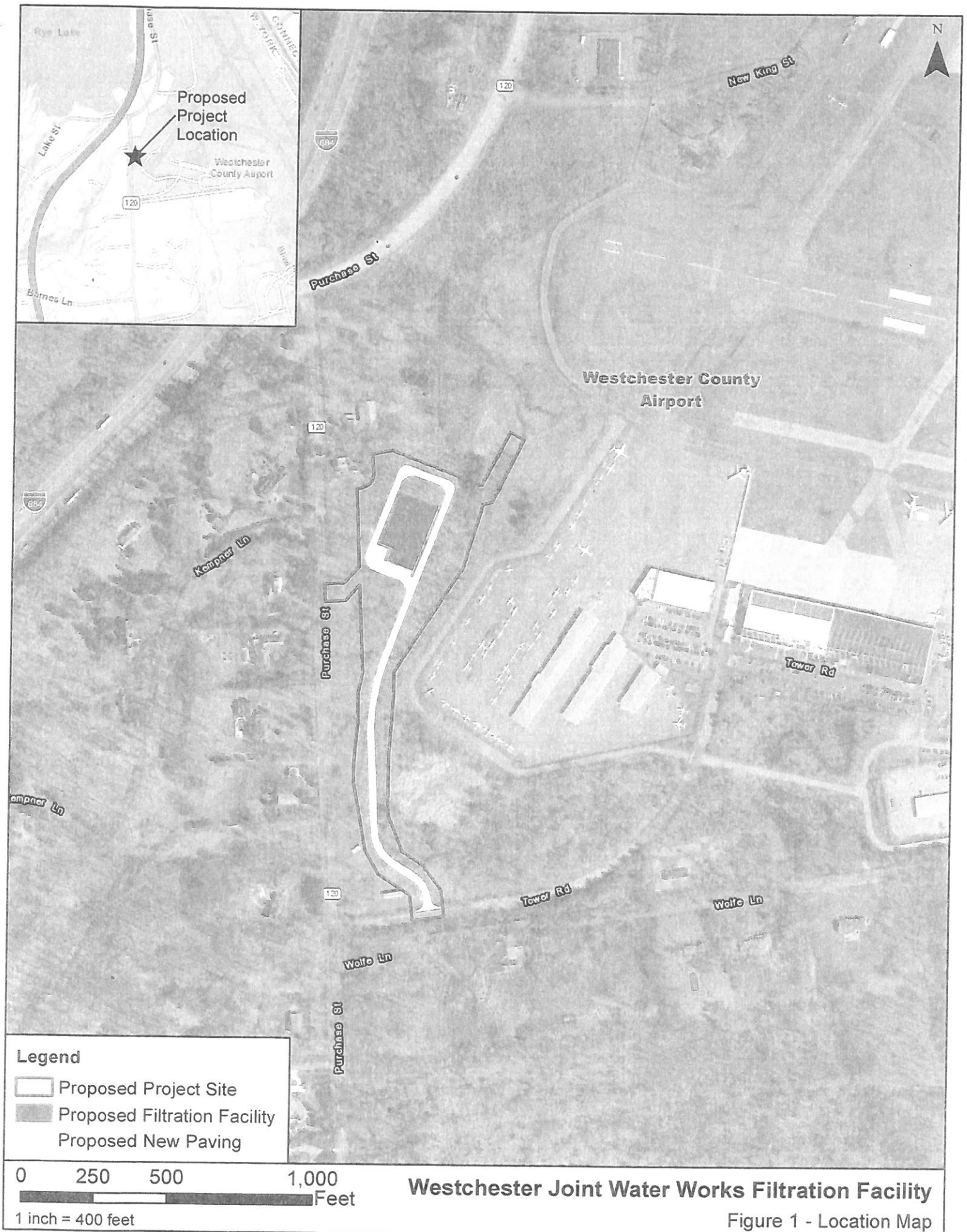
D.2.r.ii. Describe any solid waste(s) to be generated during operation of the facility: The proposed action would generate approximately 0.22 tons per month of solid wastes. This includes solid waste generated by employees and treatment by-product solids from process wastewater. As noted above, alternately, a potential sewer connection is being evaluated for discharge of liquid process waste to the wastewater system. If this alternate process wastewater discharge method is selected, there would be a reduction of solid waste generated during operation of the proposed project.

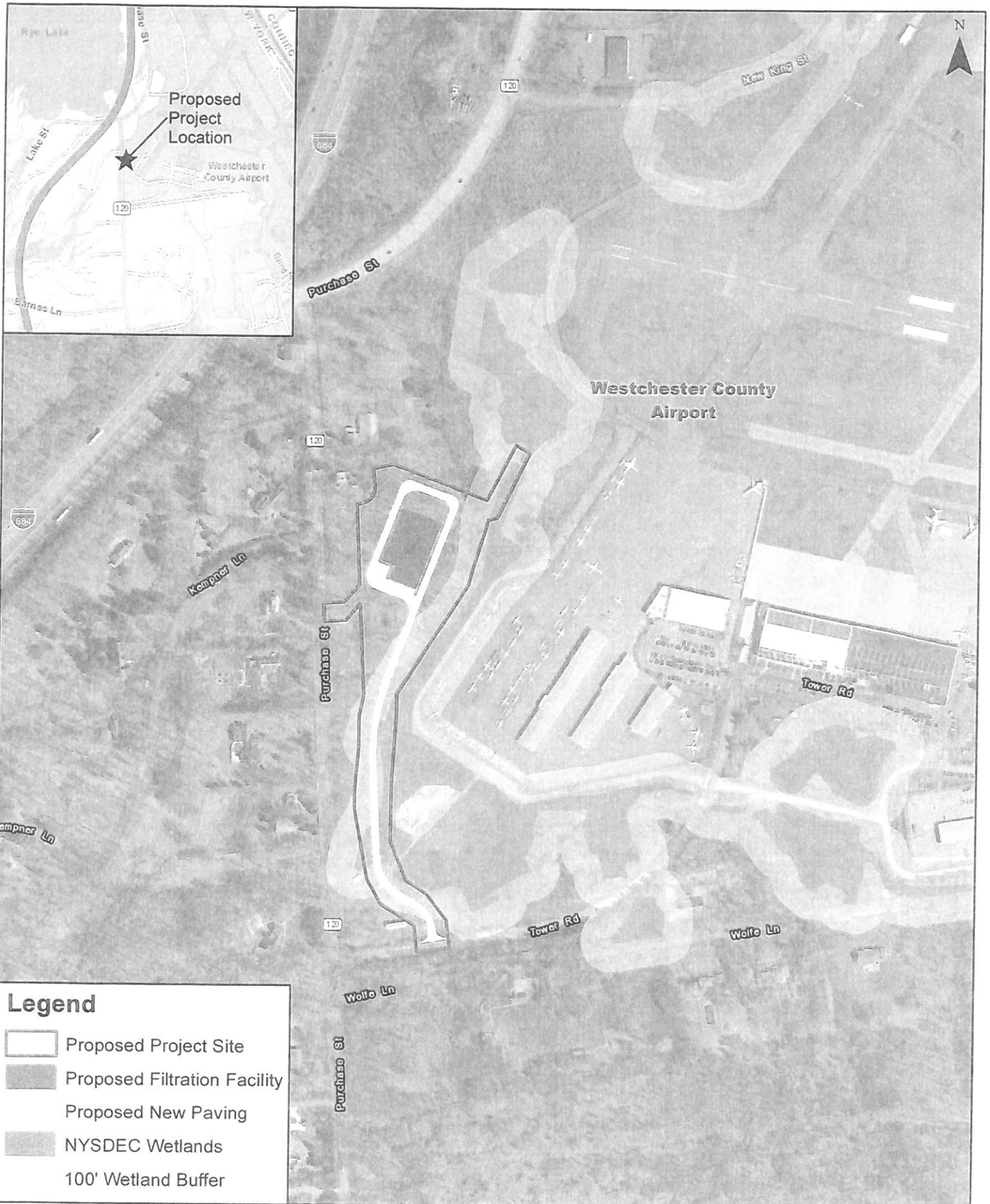
Section E. Site and Setting of Proposed Action

E.3.g. Have additional archaeological or historic site(s) or resources been identified on the project site? No.

E.3.g.i. Describe possible resource(s): A map-documented mid-nineteenth-century dwelling did exist just south of the project site until 1940s. The house and likely the stone property fence were attributed to the Sutton family. Given the low artifact density, disturbed deposits, age of artifacts recovered, and lack of buried cultural features, it was recommended that the recovered artifact assemblage does not represent a potentially significant archaeological resource.

E.3.g.ii. Basis for identification: A Phase I Archaeological Survey was conducted in December 2019. A SHPO consultation conducted in December 2019 determined that no properties, including archaeological and/or historic resources, listed in or eligible for the New York State and National Registers of Historic Places would be impacted by the proposed project. In addition, a chain of title search would be conducted to better understand the historic site ownership and prior uses.





Legend

- Proposed Project Site
- Proposed Filtration Facility
- Proposed New Paving
- NYSDEC Wetlands
- 100' Wetland Buffer

0 250 500 1,000
 Feet
 1 inch = 400 feet

Westchester Joint Water Works Filtration Facility

Figure 2 - Proposed Project Site and NYSDEC Wetlands

