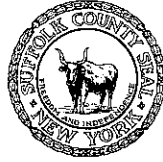


COUNTY OF SUFFOLK



STEVEN BELLONE
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF PUBLIC WORKS


DARNELL TYSON, P.E.
DEPUTY COMMISSIONER

GILBERT ANDERSON, P.E.
COMMISSIONER
MEMORANDUM

THOMAS G. VAUGHN
DEPUTY COMMISSIONER

TO: Lawrence Swanson, Chairperson
Council on Environmental Quality

FROM: Ben Wright, P.E., Principal Civil Engineer

SUBJECT: **Sewer District No. 1, Port Jefferson
Pump Station Force Main CP 8122** 

DATE: March 1, 2017

Attached are 15 copies of the Long Environmental Assessment Form for the referenced sewer district. The sewer district serves the majority of the Village of Port Jefferson with numerous out-of-district connections. Sanitary sewage is conveyed to the main pumping station located on Barnum Avenue in Port Jefferson which then pumps through an existing force main to the treatment plant on Beach Street. During storms such as Super Storm Sandy, the area has been flooded and regardless of proactive projects to reduce infiltration and inflow, elevated storm flows have stressed the capacity of the pumping station and force main. Even though the system has yet to see its design capacity with respect to the service area, precautions are taken to have tanker trucks available to assist in bringing storm flows and sanitary sewage to the facility which is approximately one mile away. The project incorporates a modification to the pump station where the 700 gallon per minute pumps will be replaced by pumps approximately twice that capacity giving the ultimate capacity of the pumping station with all systems operational, sufficient to deal with the increased flows that have been experienced in the past. Due to the modifications to the pumping station, a 16 inch force main will replace the existing 10 inch force main. The force main routing will be through the parking lot area to Barnum Avenue, Caroline Avenue, and Brook Road meeting with an existing 16 inch line that is on the southerly portion of Broadway Avenue. All work is in existing right-of-ways where traffic maintenance will be required. The design engineer has recommended directional drilling to reduce the need for dewatering, if any, and evaluate the location and steps to deal with the Lawrence Aviation plume. We have discussed the project with both USEPA and NYSDEC and expect the permitting process to define the conditions required.

We are available to discuss this project at an upcoming CEQ meeting.

BW:ni

Attachment

cc: John Donovan, P.E., Chief Engineer
Janice McGovern, P.E., Principal Civil Engineer
John Berchtold, P.E., Associate Civil Engineer
John Corral, Planner, CEQ

H:\SANITATION\Sewer-districts\sd01 - Port Jefferson\bw3-1-17 sd1 SCSD #1 - Port Jefferson Pump Station Force Main CP 8122 to LSwanson.doc

SUFFOLK COUNTY IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
6 NYCRR Part 617
State Environmental Quality Review

Part 1 – Environment and Setting

Instructions: Part 1 is to be completed by the applicant or project sponsor. 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. If a question is not applicable to the proposed project indicate with “N/A”.

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 is “Yes”, complete the sub-questions that follow. If the answer to the initial question is “No”, proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Sponsor Information

Name of Action/Project: Suffolk County Sewer District No. 1 - Port Jefferson (Pump Station/Force Main)
Project Location (specify Town, Village, Hamlet and attach general location map*): Village of Port Jefferson
Street Address: Barnum Avenue
Name of Property or Waterway: Port Jefferson Harbor

* Maps of Property and Project: Attach relevant available maps including a location map (note: use road map, Hagstrom Atlas, USGS topography map, tax map or equivalent) and preliminary site plans showing orientation, scale, buildings, roads, landmarks, drainage systems, area to be altered by project, etc.

Type of Project: New Expansion

Capital Program: Item # 8122 Date Adopted: 2016 Amount: \$2,000,000

Brief Description of Proposed Action (include purpose or need/attach relevant design reports, plans, etc.): The project is to rehabilitate the Suffolk County Sewer District No. 1 - Port Jefferson Pumping Station by installing larger pumps and replace an existing 10 inch force main from the pumping station toward the wastewater treatment facility with a larger capacity line. The pumps will be increased from 47 horsepower to 88 horsepower and nearly double the capacity of the pumping station. In order to accommodate that capacity, a 16 inch diameter force main will be installed in the roadways leading from the pumping station through the adjacent parking lot and onto Barnum Avenue, Caroline Avenue, and Brook Road. Jacking beneath Route 25A is necessary to meet with an existing 16 inch line on Beach Street. Photographs of the sewer district are attached along with the force main route. The need for the project is the extreme flows to the system during storm conditions. Regardless of the improvements made in reducing extraneous flows, storms such as Super Storm Sandy have had flood levels approaching the pumping station and stormwater entering through various sump pumps, manholes, etc. A portion of the project is to provide additional inserts into manholes to eliminate these flows which has been done in the past without a significant reduction in storm flows. It is recognized that the force main route is in the vicinity of the Lawrence Aviation plume (refer to the attached map) and, therefore, with high groundwater there is a need to minimize dewatering. Directional drilling is proposed. Discussions on project conditions have been held with both USEPA and NYSDEC and the permitting process will define the construction required. Directional drilling will require pits at major angular changes in direction which is estimated to be 6. Two pits will be opened at any one time for access and fitting inspection. Dewatering by well points and tight sheeting will be required for 1-2 days at each of the two open pits. Dewatering water will be disposed of in accordance with USEPA and NYSDEC permit conditions. EPA has indicated that the Lawrence Aviation Plume is much deeper than this project's expected excavation depth and that with initial holding and sampling disposal may only require conventional systems.

Project Status:

	Start	Completion
Proposal		
Study		4/1/14
Preliminary Planning		4/1/14
Final Plans: Specs		12/31/17
Site Acquisition		
Construction	4/1/18	7/1/19
Other		

Departments Involved:

Dept. Performing Design & Construction

Initiating Dept. (if different)

Name:	Suffolk County Dept. of Public Works	
Street/PO:	335 Yaphank Avenue	
City, State:	Yaphank, NY	
Zip:	11980	
Contact Person:	Ben Wright	
Business Phone:	631-852-4184	
Email:	ben.wright@suffolkcountyny.gov	

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)
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ii.	City, Town or Village Planning Board or Commission	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>						
iii.	City, Town or Village Zoning Board of Appeals	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>						
iv.	Other local agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Village - road opening	Target 3/1/17				
v.	County agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	CEQ/LEG SEQRA					
vi.	Regional agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>						
vii.	State agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NYSDOT-RTE 25A jacking NYSDEC approval	Target 9/1/17 Target 9/1/17				
viii.	Federal agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Project Dewatering - USEPA	Target 9/1/17				
ix.	Coastal Resources Is the project site within a Coastal Area or the waterfront area of a Designated Inland Waterway? If YES, <table border="1" style="width: 100%;"> <tr> <td>Is the project site located in a community with an approved Local Waterfront Revitalization Program?</td> <td>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> </tr> <tr> <td>Is the project site within a Coastal Erosion Hazard Area?</td> <td>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> </tr> </table>				Is the project site located in a community with an approved Local Waterfront Revitalization Program?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the project site within a Coastal Erosion Hazard Area?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Is the project site located in a community with an approved Local Waterfront Revitalization Program?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
Is the project site within a Coastal Erosion Hazard Area?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								

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 <input type="checkbox"/> No <input checked="" type="checkbox"/>	
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? If Yes: <table border="1" style="width: 100%;"> <tr> <td>Does the comprehensive plan include specific recommendations for the site where the proposed action would be located? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	Does the comprehensive plan include specific recommendations for the site where the proposed action would be located? Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Does the comprehensive plan include specific recommendations for the site where the proposed action would be located? Yes <input type="checkbox"/> No <input type="checkbox"/>		
b. Is the site of the proposed action within any local or regional special planning district (i.e. Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; et. al)? If Yes, identify the plan(s): <input style="width: 100%; height: 20px;" type="text"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
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? If Yes, identify the plan(s): <input style="width: 100%; height: 20px;" type="text"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
C.3. Zoning		

<p>a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance?</p> <p>If Yes, what is the zoning classification(s) including any applicable overlay district?</p> <input type="text"/>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>b. Is the use permitted or allowed by a special or conditional use permit?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>c. Is a zoning change requested as part of the proposed action?</p> <p>If Yes, what is the proposed new zoning for the site?</p> <input type="text"/>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>C.4. Existing Community Services</p>	
<p>a. In what school district is the project site located? Port Jefferson School District</p>	
<p>b. What police or other public protection forces serve the project site? Suffolk County Police</p>	
<p>c. Which fire protection and emergency medical services serve the project site? Port Jefferson Fire Department and Volunteer Ambulance</p>	
<p>d. What parks serve the project site? Adjacent to the roadways are: Joe Erland Field, Tennis Courts/Rocketship Park/Port Jefferson High School Baseball Field</p>	

D. Project Details

<p>D.1. Proposed and Potential Development</p>	
<p>a. What is the general nature of the proposed action? (if mixed, include all components)</p> <p>Residential <input type="checkbox"/>; Industrial <input type="checkbox"/>; Commercial <input type="checkbox"/>; Recreational <input type="checkbox"/>; Other <input checked="" type="checkbox"/>:</p>	
<p>b. Total acreage of the site of the proposed action:</p>	<p>N/A acres</p>
<p>c. Total acreage to be physically disturbed:</p>	<p>roadway 0.1 acres</p>
<p>d. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor:</p>	<p>underground pipeline N/A acres</p>
<p>e. Is the proposed action an expansion of an existing project or use?</p> <p>If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet, etc.)?</p> <input type="text"/>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>f. Is the proposed action a subdivision, or does it include a subdivision?</p> <p>If Yes:</p> <p>i. Purpose or type of subdivision? (if mixed, specify types)</p> <p>Residential <input type="checkbox"/>; Industrial <input type="checkbox"/>; Commercial <input type="checkbox"/>; Recreational <input type="checkbox"/>; Other <input type="checkbox"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

ii.

Is a cluster/conservation layout proposed?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Number of lots proposed:	
Minimum and maximum proposed lot sizes:	

g. Will proposed action be constructed in multiple phases?

If No, What is the anticipated period of construction?

15 months

If Yes:

Total number of phases anticipated:

Anticipated commencement date of phase I (including demolition):

Anticipated completion date of final phase:

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

Yes No

h. Does the project include new residential uses?

If Yes, show number of units proposed.

	Single Family	Two Family	Three Family	Multi-Family (4+)
Initial Phase				
At Completion				

Yes No

i. Does the proposed action include new non-residential construction (including expansions)?

If Yes:

Total Number of Structures:

Dimensions of largest proposed structure:

Approximate extent of building space to be heated or cooled:

Yes No

<p>j. 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?</p>	
<p>If Yes:</p>	
<p>Purpose of the impoundment:</p>	
<p>If a water impoundment, the principal source of the water: Ground Water <input type="checkbox"/>; Surface Water Streams <input type="checkbox"/>; Other <input type="checkbox"/> (specify):</p>	
<p>If other than water, identify the type of impounded/contained liquids and their source:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>Approximate size of the proposed impoundment (include units): Volume: _____ Surface area: _____</p>	
<p>Dimensions of the proposed dam or impounding structure:</p>	
<p>Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock wood, concrete):</p>	

D.2. Project Operations

<p>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)</p>	
<p>If Yes:</p>	
<p>What is the purpose of the excavation or dredging? Installation of a sewage force main. Access points required for directional drilling</p>	
<p>How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>Volume: 200 cy Over what duration of time: 15 months</p>	
<p>Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them: Directional drilling access pit excavation - improper backfill of existing material to be legally and properly disposed of</p>	

D.2.a (cont.) – only answer following if checked “Yes” above

<p>Will there be onsite dewatering or processing of excavated materials? If Yes, describe: Yes - dewatering of a portion of the directional drilling access pits and fitting installation</p>
<p>What is the total area to be dredged or excavated? Approximately 750 sf</p>
<p>What is the maximum area to be worked at any one time? Approximately 150 sf</p>
<p>What would be the maximum depth of excavation or dredging? Approximately 6 feet</p>
<p>Will the excavation require blasting? No</p>
<p>Summarize site reclamation goals and plans: Repavement of access pits</p>

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, water body, shoreline, beach or adjacent area?

If Yes:

<p>Identify the wetland or water body which would be affected (by name, water index number, wetland map number or geographic description):</p>
<p>Describe how the proposed action would affect that water body or wetland, e.g. excavation, fill, placement of structures or creation of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:</p>
<p>Will proposed action cause or result in disturbance to bottom sediments? If Yes, describe:</p>
<p>Will proposed action cause or result in the destruction or removal of aquatic vegetation?</p>
<p>If Yes:</p> <p>Area of vegetation proposed to be removed:</p>
<p>Expected acreage of aquatic vegetation remaining after project completion:</p>
<p>Purpose of proposed removal (e.g., beach clearing, invasive control, boat access):</p>
<p>Proposed method of plant removal:</p>
<p>If chemical/herbicide treatment will be used, specify product(s):</p>
<p>Describe any proposed reclamation/mitigation following disturbance:</p>

Yes No

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

If Yes:

Total anticipated water usage/demand per day:

Will the proposed action obtain water from an existing public water supply?

If Yes:

Name of district/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

Will line extension within an existing district be necessary to supply the project?

If Yes:

Describe extensions or capacity expansions proposed to serve this project:

Source(s) of supply for the district:

Yes No

Is a new water supply district or service area proposed to be formed to serve the project site?

If Yes:

Applicant/sponsor for new district:

Date application submitted or anticipated:

Proposed source(s) of supply for new district:

If a public water supply will not be used, describe plans to provide water supply for the project:

If water supply will be from wells (public or private), what will be the maximum pumping capacity?

d. Will the proposed action generate liquid wastes?

If Yes:

Total anticipated liquid waste generation per day:

Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each):

If sanitary wastewater identify proposed disinfection technology and treatment goals for the following:

Disinfection technology:

Nitrogen:

Phosphorus:

Total Suspended Solids (TSS):

Biological Oxygen Demand (BOD):

Will the proposed action use any existing public wastewater treatment facilities?

If Yes:

Name of wastewater treatment plant to be used:

Name of district:

Does the existing wastewater treatment plant have capacity to serve the project?

Yes No

Is the project site in the existing district?

Yes No

Is expansion of the district needed?

Yes No

Do existing sewer lines serve the project site?

Yes No

Will line extension within an existing district be necessary to serve the project?

If Yes:

Describe extensions or capacity expansions proposed to serve this project:

Will a new wastewater (sewage) treatment district be formed to serve the project site?

If Yes:

Applicant/Sponsor for new district:

Date application submitted or anticipated:

What is the receiving water for the wastewater discharge?

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):

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

Yes No

<p>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?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">How much impervious surface will the project create in relation to total size of project parcel? Area of Impervious Surface: Area of Parcel:</td> </tr> <tr> <td style="padding: 2px;">Describe types of new point sources:</td> </tr> <tr> <td style="padding: 2px;">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)?</td> </tr> <tr> <td style="padding: 2px;">If to surface waters, identify receiving water bodies or wetlands:</td> </tr> <tr> <td style="padding: 2px;">Will stormwater runoff flow to adjacent properties? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;">Does proposed plan minimize impervious surfaces use pervious materials or collect and re-use stormwater? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	How much impervious surface will the project create in relation to total size of project parcel? Area of Impervious Surface: Area of Parcel:	Describe types of new point sources:	Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?	If to surface waters, identify receiving water bodies or wetlands:	Will stormwater runoff flow to adjacent properties? Yes <input type="checkbox"/> No <input type="checkbox"/>	Does proposed plan minimize impervious surfaces use pervious materials or collect and re-use stormwater? Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
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Does proposed plan minimize impervious surfaces use pervious materials or collect and re-use stormwater? Yes <input type="checkbox"/> No <input type="checkbox"/>									
<p>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?</p> <p>If Yes, identify:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles): Directional drilling equipment</td> </tr> <tr> <td style="padding: 2px;">Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers): Short term use of pumps during dewatering</td> </tr> <tr> <td style="padding: 2px;">Stationary sources during operations (e.g., process emissions, large boilers, electric generation):</td> </tr> </table>	Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles): Directional drilling equipment	Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers): Short term use of pumps during dewatering	Stationary sources during operations (e.g., process emissions, large boilers, electric generation):	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
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Stationary sources during operations (e.g., process emissions, large boilers, electric generation):									
<p>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?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">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 <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;">In addition to emissions as calculated in the application, the project will generate:</td> </tr> <tr> <td style="padding: 2px;">- Tons/year (metric) of Carbon Dioxide (CO₂)</td> </tr> <tr> <td style="padding: 2px;">- Tons/year (metric) of Nitrous Oxide (N₂O)</td> </tr> <tr> <td style="padding: 2px;">- Tons/year (metric) of Perfluorocarbons (PFCs)</td> </tr> <tr> <td style="padding: 2px;">- Tons/year (metric) of Sulfur Hexafluoride (SF₆)</td> </tr> <tr> <td style="padding: 2px;">- Tons/year (metric) of Carbon Dioxide equivalent of Hydroflorocarbons (HFCS)</td> </tr> <tr> <td style="padding: 2px;">- Tons/year (metric) of Hazardous Air Pollutants (HAPs)</td> </tr> </table>	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 <input type="checkbox"/> No <input type="checkbox"/>	In addition to emissions as calculated in the application, the project will generate:	- Tons/year (metric) of Carbon Dioxide (CO ₂)	- Tons/year (metric) of Nitrous Oxide (N ₂ O)	- Tons/year (metric) of Perfluorocarbons (PFCs)	- Tons/year (metric) of Sulfur Hexafluoride (SF ₆)	- Tons/year (metric) of Carbon Dioxide equivalent of Hydroflorocarbons (HFCS)	- Tons/year (metric) of Hazardous Air Pollutants (HAPs)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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 <input type="checkbox"/> No <input type="checkbox"/>									
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- Tons/year (metric) of Carbon Dioxide equivalent of Hydroflorocarbons (HFCS)									
- Tons/year (metric) of Hazardous Air Pollutants (HAPs)									

<p>h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?</p> <p>If Yes:</p> <p>Estimate methane generation in tons/year (metric):</p> <p>Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>i. Will the proposed action result in the release of air pollutants from open-air operations or processes such as quarry or landfill operations?</p> <p>If Yes, describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>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?</p> <p>If Yes:</p> <p>When is the peak traffic expected? (check all that apply)</p> <p>Morning <input type="checkbox"/>; Evening <input type="checkbox"/>; Weekend <input type="checkbox"/>; Randomly <input type="checkbox"/> between the hours of _____ to _____</p> <p>For commercial activities only, projected number of semi-trailer truck trips/day:</p> <p>Parking spaces: Existing: _____ Proposed: _____ Net Increase/Decrease: _____</p> <p>Does the proposed action include any shared use parking? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:</p> <p>Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy?</p> <p>If Yes:</p> <p>Estimate annual electricity demand during operation of the proposed action: Increase during storms results in approximately 41 HP over short period</p> <p>Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility or other): grid</p> <p>Will the proposed action require a new, or an upgrade to, an existing substation? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>

l. Hours of operation (Answer all items which apply)	<table border="1"> <thead> <tr> <th data-bbox="159 113 748 149">During Construction</th> <th data-bbox="748 113 1308 149">During Operations</th> </tr> </thead> <tbody> <tr> <td data-bbox="159 149 748 184">Monday-Friday: 7am-3pm</td> <td data-bbox="748 149 1308 184">Monday-Friday: 24/7</td> </tr> <tr> <td data-bbox="159 184 748 220">Saturday: N/A</td> <td data-bbox="748 184 1308 220">Saturday: 24/7</td> </tr> <tr> <td data-bbox="159 220 748 256">Sunday: N/A</td> <td data-bbox="748 220 1308 256">Sunday: 24/7</td> </tr> <tr> <td data-bbox="159 256 748 289">Holidays: N/A</td> <td data-bbox="748 256 1308 289">Holidays: 24/7</td> </tr> </tbody> </table>	During Construction	During Operations	Monday-Friday: 7am-3pm	Monday-Friday: 24/7	Saturday: N/A	Saturday: 24/7	Sunday: N/A	Sunday: 24/7	Holidays: N/A	Holidays: 24/7	N/A <input type="checkbox"/>
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Holidays: N/A	Holidays: 24/7											
m. Does the proposed action produce noise that will exceed existing ambient noise levels during construction, operation or both? If Yes: Provide details including sources, time of day and duration: <hr/> Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>											
n. Will the proposed action have outdoor lighting? If Yes: Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures: <hr/> Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>											
o. Does the proposed action have the potential to produce odors for more than one hour per day? If Yes: Describe possible sources, potential frequency and duration of odor emissions and proximity to nearest occupied structures:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>											
p. Will the proposed action include any bulk storage of petroleum (over 1,100 gallons) or chemical products (over 550 gallons)? If Yes: Product(s) to be stored: <hr/> Volume(s): per unit time: (e.g., month, year) <hr/> Generally describe proposed storage facilities:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>											
q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? If Yes: Describe proposed treatment(s): <hr/> Will the proposed action use Integrated Pest Management Practices? Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>											

<p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3">Describe any solid waste(s) to be generated during construction or operation of the facility:</td> </tr> <tr> <td style="width: 30%;">Construction:</td> <td style="width: 30%;">tons per</td> <td style="width: 40%;">(unit of time)</td> </tr> <tr> <td>Operation:</td> <td>tons per</td> <td>(unit of time)</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3">Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</td> </tr> <tr> <td colspan="3">Construction:</td> </tr> <tr> <td colspan="3">Operation:</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="3">Proposed disposal methods/facilities for solid waste generated on-site:</td> </tr> <tr> <td colspan="3">Construction:</td> </tr> <tr> <td colspan="3">Operation:</td> </tr> </table>	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)	Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:			Construction:			Operation:			Proposed disposal methods/facilities for solid waste generated on-site:			Construction:			Operation:			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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<p>s. Does the proposed action include construction or modification of a solid waste management facility?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill or other disposal activities):</td> </tr> <tr> <td colspan="2">Anticipated rate of disposal/processing:</td> </tr> <tr> <td style="width: 50%;"></td> <td>tons/month, if transfer or other non-combustion/thermal treatment, or</td> </tr> <tr> <td></td> <td>tons/hour, if combustion or thermal treatment</td> </tr> <tr> <td colspan="2">If landfill, anticipated site life: years</td> </tr> </table>	Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill or other disposal activities):		Anticipated rate of disposal/processing:			tons/month, if transfer or other non-combustion/thermal treatment, or		tons/hour, if combustion or thermal treatment	If landfill, anticipated site life: years		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>																	
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<p>t. Will proposed action at the site involve the commercial generation, treatment, storage or disposal of hazardous waste?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: Possibly the Lawrence Aviation plume in area</td> </tr> <tr> <td colspan="2">Generally describe processes or activities involving hazardous wastes or constituents: To be determined with permits of USEPA and NYSDEC</td> </tr> <tr> <td colspan="2">Specify amount to be handled or generated: To be determined tons/month: contaminated groundwater during dewatering tons/month</td> </tr> <tr> <td colspan="2">Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents:</td> </tr> <tr> <td colspan="2">Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td colspan="2">If Yes: Provide name and location of facility: To be determined during permitting process</td> </tr> <tr> <td colspan="2">If No: Describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:</td> </tr> </table>	Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: Possibly the Lawrence Aviation plume in area		Generally describe processes or activities involving hazardous wastes or constituents: To be determined with permits of USEPA and NYSDEC		Specify amount to be handled or generated: To be determined tons/month: contaminated groundwater during dewatering tons/month		Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents:		Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		If Yes: Provide name and location of facility: To be determined during permitting process		If No: Describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													
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<p>u. Will proposed action adhere to Leadership in Energy and Environmental Design (LEED) or any other green building principals?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">Describe proposed green building methods and attempted level of certification, if any: Pumps will be controlled by VFD's</div>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<p>v. Does the project sponsor propose the use of energy benchmarking to monitor and adjust project energy needs?</p> <p>If Yes, explain:</p> <div style="border: 1px solid black; height: 15px; margin-top: 5px;"></div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<p>w. Will the proposed action use native plants for all landscaping needs?</p> <p>Identify species to be used and method of irrigation:</p> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;">N/A</div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<p>x. Does the proposed action promote local tourism?</p> <p>If Yes, explain:</p> <div style="border: 1px solid black; height: 15px; margin-top: 5px;"></div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

E. Site and Setting of Proposed Action

E.1. Land Uses on and Surrounding the Project Site																																												
<p>a. Existing land uses (Check all uses that occur on, adjoining and near the project site): (include map)</p> <p> Urban <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Rural <input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other <input checked="" type="checkbox"/> Specify: Sewer Facilities </p> <p>If mix of uses, generally describe:</p>																																												
<p>b. Land uses and cover types on the project site:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 45%;">Land Use or Cover Type</th> <th style="width: 15%;">Current Acreage</th> <th style="width: 20%;">Acreage After Project Completion</th> <th style="width: 20%;">Change (Acres +/-)</th> </tr> </thead> <tbody> <tr> <td>Roads, buildings and other paved or impervious surfaces</td> <td style="text-align: center;">1.5</td> <td style="text-align: center;">1.5</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Forested</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Agricultural (includes active orchards, fields, greenhouse, etc.)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Surface water features (lakes, ponds, streams, rivers, etc.)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Wetlands (freshwater or tidal)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Non-Vegetated (bare rock, earth or fill)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Other Describe:</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">TOTAL:</td> <td style="text-align: center;">1.5</td> <td style="text-align: center;">1.5</td> <td style="text-align: center;">0</td> </tr> </tbody> </table>					Land Use or Cover Type	Current Acreage	Acreage After Project Completion	Change (Acres +/-)	Roads, buildings and other paved or impervious surfaces	1.5	1.5	0	Forested				Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)				Agricultural (includes active orchards, fields, greenhouse, etc.)				Surface water features (lakes, ponds, streams, rivers, etc.)				Wetlands (freshwater or tidal)				Non-Vegetated (bare rock, earth or fill)				Other Describe:				TOTAL:	1.5	1.5	0
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<p>c. Is the project site presently used by members of the community for public recreation?</p> <p>If Yes, explain:</p> <div style="border: 1px solid black; height: 30px; width: 100%;"></div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<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 1,500 feet of the project site?</p> <p>If Yes, identify facilities:</p> <div style="border: 1px solid black; padding: 2px;">Parks - see C.4 above</div>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>e. Does the project site contain an existing dam?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px;"> <p>Dimensions of the dam and impoundment:</p> <ul style="list-style-type: none"> - Dam height: feet - Dam length: feet - Surface area: acres - Volume impounded: gallons or acre-feet </div> <div style="border: 1px solid black; padding: 2px; margin-top: 2px;"> <p>Dam's existing hazard classification:</p> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 2px;"> <p>Provide date and summarize results of last inspection:</p> </div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<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> <div style="border: 1px solid black; padding: 2px;"> <p>Has the facility been formally closed? Yes <input type="checkbox"/> No <input type="checkbox"/></p> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 2px;"> <p>If Yes, cite sources/documentation:</p> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 2px;"> <p>Describe the location of the project site relative to the boundaries of the solid waste management facility:</p> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 2px;"> <p>Describe any development constraints due to the prior solid waste activities:</p> </div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<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> <div style="border: 1px solid black; padding: 2px;"> <p>Describe waste(s) handled and waste management activities, including approximate time when activities occurred:</p> </div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

h. Has there been a reported contamination spill at the proposed project site or have any remedial actions been conducted at or adjacent to the proposed site?

If Yes:

Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? (Check all that apply)

- Yes – Spills Incidents database Provide DEC ID number(s):
 Yes – Environmental Site Remediation database Provide DEC ID number(s):
 Neither database

If site has been subject to RCRA corrective activities, describe control measures:

Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes No

If Yes:

DEC ID number(s): 152215

Describe current status of site(s):

Yes No

E.1.h. (cont.) – only answer following if checked “Yes” above

Is the project site subject to an institutional control limiting property uses?

If Yes:

DEC site ID number(s):

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:
500 feet

b. Are there bedrock outcroppings on the project site?

If Yes:

What proportion of the site is comprised of bedrock outcroppings?
%

Yes No

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

1.	% of site
2.	% of site
3.	% of site
4.	% of site

d. What is the average depth to the water table on the project site?
3-10 feet

e. Drainage status of project site soils:

1.	<input type="checkbox"/> Well Drained	% of site
2.	<input checked="" type="checkbox"/> Moderately Well Drained	100% of site
3.	<input type="checkbox"/> Poorly Drained	% of site

f. Approximate proportion of proposed action site with slopes: (include topographic map)

1.	<input checked="" type="checkbox"/> 0-10%	% of site
2.	<input type="checkbox"/> 11-15%	% of site
3.	<input type="checkbox"/> 16% or greater	% of site

g. Are there any unique geologic features on the project site?

If Yes, describe:

Yes No

h. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)?

Yes No

i. Do any wetlands or other waterbodies adjoin the project site?

Yes No

If Yes to either E.2.h or E.2.i, continue. If No, skip to E.2.m

j. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? (include map)

Yes No

k. For each identified wetland and waterbody on the project site, provide the following information:

Streams:	Name:	Classification:
Lakes or Ponds:	Name:	Classification:
Wetlands:	Name:	Approx. Size:
Wetland No. (if regulated by DEC):		

l. Are any of the above waterbodies listed in the most recent compilation of NYS water quality-impaired waterbodies?

If Yes, name of impaired water body/bodies and basis for listing as impaired:

Yes No

m. Is the project site in a designated floodway?

Yes No

n. Is the project site in the 100 year floodplain?

Yes No

o. Is the project site in the 500 year floodplain?

Yes No

p. Is the project site located over or immediately adjoining a primary, principal or sole source aquifer?

If Yes:

Name of aquifer: Sole source aquifer Nassau-Suffolk

Source of information: USEPA

Yes No

q.	Identify the predominant wildlife species that occupy or use the project site:	
r.	<p>Does the project site contain a designated significant natural community?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px;">Describe the habitat/community (composition, function and basis for designation):</div> <div style="border: 1px solid black; padding: 2px;">Source(s) of description or evaluation:</div> <div style="border: 1px solid black; padding: 2px;">Extent of community/habitat: - Currently: acres - Following completion of project as proposed: acres - Gain or loss (indicate + or -): acres</div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
s.	<p>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?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px;">Species and listing (endangered or threatened):</div> <div style="border: 1px solid black; padding: 2px;">Nature of use of site by the species (e.g., resident, seasonal, transient):</div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
t.	<p>Does project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px;">Species and listing:</div> <div style="border: 1px solid black; padding: 2px;">Nature of use of site by the species (e.g., resident, seasonal, transient):</div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
u.	<p>Is the project site or adjoining area currently used for hunting, trapping, fishing or shellfishing?</p> <p>If Yes, give a brief description of how the proposed action may affect that use:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
E.3. Designated Public Resources On or Near Project Site		
a.	<p>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?</p> <p>If Yes, provide county plus district name/number:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
b.	<p>Are agricultural lands consisting of highly productive soils present?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px;">Acreage(s) on project site:</div> <div style="border: 1px solid black; padding: 2px;">Source(s) of soil rating(s):</div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

<p>c. Does the project site contain all or part of, or is it substantially contiguous to a registered National Natural Landmark?</p> <p>If Yes:</p> <table border="1"> <tr> <td data-bbox="164 216 1333 285"> Nature of the natural landmark: <input type="checkbox"/> Biological Community; <input type="checkbox"/> Geological Feature </td> <td data-bbox="1369 216 1544 254" rowspan="2"> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> </td> </tr> <tr> <td data-bbox="164 285 1333 354"> Provide brief description of landmark, including values behind designation and approximate size/extent: </td> </tr> </table>	Nature of the natural landmark: <input type="checkbox"/> Biological Community; <input type="checkbox"/> Geological Feature	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Provide brief description of landmark, including values behind designation and approximate size/extent:		
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Provide brief description of landmark, including values behind designation and approximate size/extent:					
<p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area, including Special Groundwater Protection Areas?</p> <p>If Yes:</p> <table border="1"> <tr> <td data-bbox="164 522 1333 560">CEA name:</td> <td data-bbox="1369 510 1544 548" rowspan="3"> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> </td> </tr> <tr> <td data-bbox="164 560 1333 598">Basis for designation:</td> </tr> <tr> <td data-bbox="164 598 1333 636">Designating agency and date:</td> </tr> </table>	CEA name:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Basis for designation:	Designating agency and date:	
CEA name:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
Basis for designation:					
Designating agency and date:					
<p>e. Does the project site contain, or is it substantially contiguous to, a building, archeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places?</p> <p>If Yes:</p> <table border="1"> <tr> <td data-bbox="164 835 1333 905"> Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site; <input checked="" type="checkbox"/> Historic Building or district </td> <td data-bbox="1369 823 1544 861" rowspan="3"> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> </td> </tr> <tr> <td data-bbox="164 905 1333 942">Name: First National Bank of Port Jefferson; See attached SHPO map</td> </tr> <tr> <td data-bbox="164 942 1333 980">Brief description of attributes on which listing is based:</td> </tr> </table>	Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site; <input checked="" type="checkbox"/> Historic Building or district	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Name: First National Bank of Port Jefferson; See attached SHPO map	Brief description of attributes on which listing is based:	
Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site; <input checked="" type="checkbox"/> Historic Building or district	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Name: First National Bank of Port Jefferson; See attached SHPO map					
Brief description of attributes on which listing is based:					
<p>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?</p>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
<p>g. Have additional archaeological or historic site(s) or resources been identified on the project site?</p> <p>If Yes:</p> <table border="1"> <tr> <td data-bbox="164 1215 1333 1253">Describe possible resource(s):</td> <td data-bbox="1369 1203 1544 1241" rowspan="2"> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> </td> </tr> <tr> <td data-bbox="164 1253 1333 1291">Basis for identification:</td> </tr> </table>	Describe possible resource(s):	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Basis for identification:		
Describe possible resource(s):	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
Basis for identification:					
<p>h. Would the project site be visible from any officially designated and publicly assessable federal, state or local scenic or aesthetic resource?</p> <p>If Yes:</p> <table border="1"> <tr> <td data-bbox="164 1455 1333 1493">Identify resource:</td> <td data-bbox="1369 1463 1544 1501" rowspan="3"> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> </td> </tr> <tr> <td data-bbox="164 1493 1333 1562">Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):</td> </tr> <tr> <td data-bbox="164 1562 1333 1600">Distance between project and resource:</td> </tr> </table>	Identify resource:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):	Distance between project and resource:	
Identify resource:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):					
Distance between project and resource:					
<p>i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR Part 666?</p> <p>If Yes:</p> <table border="1"> <tr> <td data-bbox="164 1766 1333 1803">Identify the name of the river and its designation:</td> <td data-bbox="1369 1753 1544 1791" rowspan="3"> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> </td> </tr> <tr> <td data-bbox="164 1803 1333 1841">Is the activity consistent with development restrictions contained in 6 NYCRR Part 666?</td> </tr> <tr> <td data-bbox="164 1841 1333 1879">Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	Identify the name of the river and its designation:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the activity consistent with development restrictions contained in 6 NYCRR Part 666?	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Identify the name of the river and its designation:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
Is the activity consistent with development restrictions contained in 6 NYCRR Part 666?					
Yes <input type="checkbox"/> No <input type="checkbox"/>					

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: Ben Wright, P.E./DPW/Sewer District No. 1

Date: 3/1/17

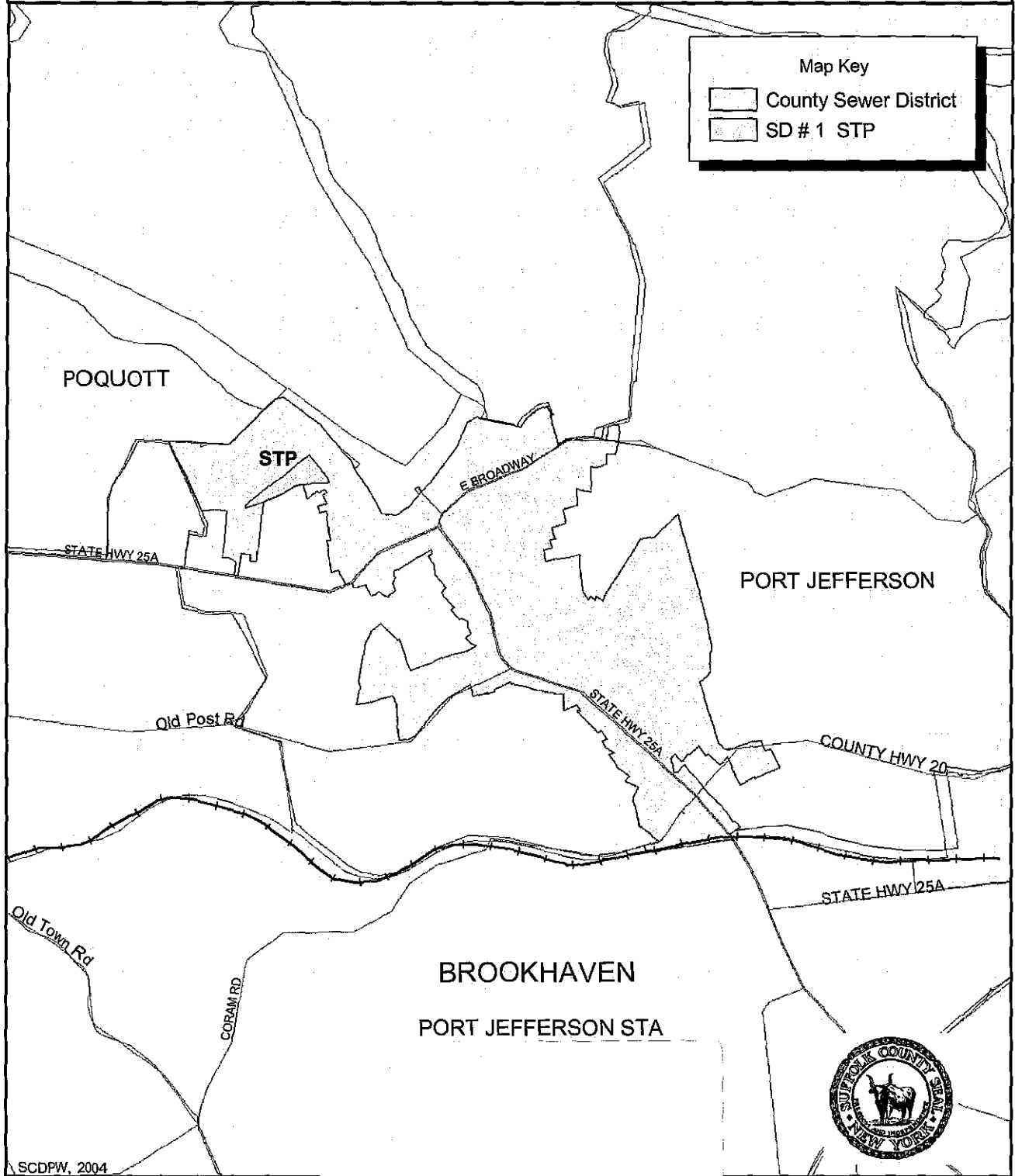
Signature: Ben Wright

Title: Principal Civil Engineer

Suffolk County Sewer Districts

Map Key

- County Sewer District
- SD # 1 STP



SCDPW, 2004

N
SD #1 Area = 0.7 Sq Mile

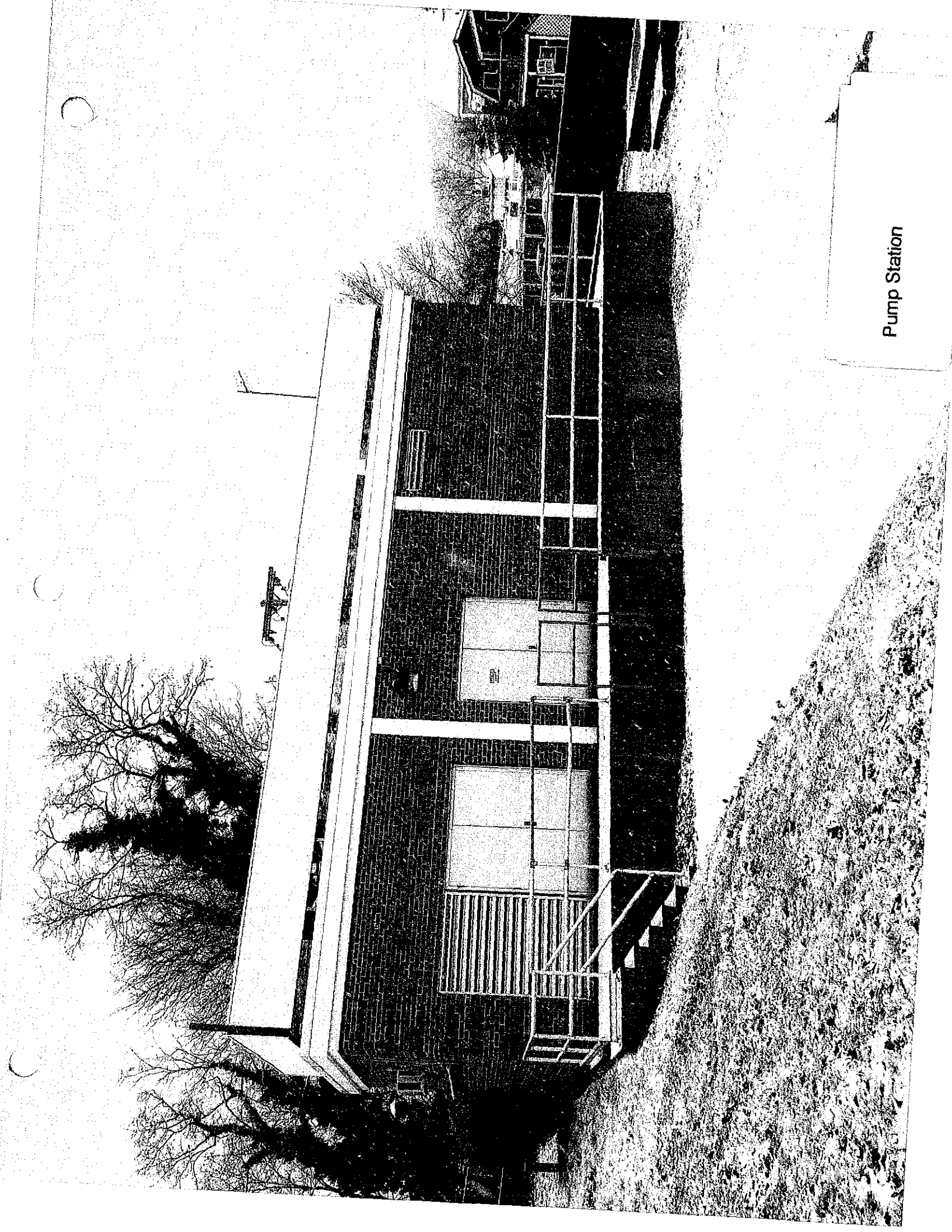
Sewer District # 1 Port Jefferson

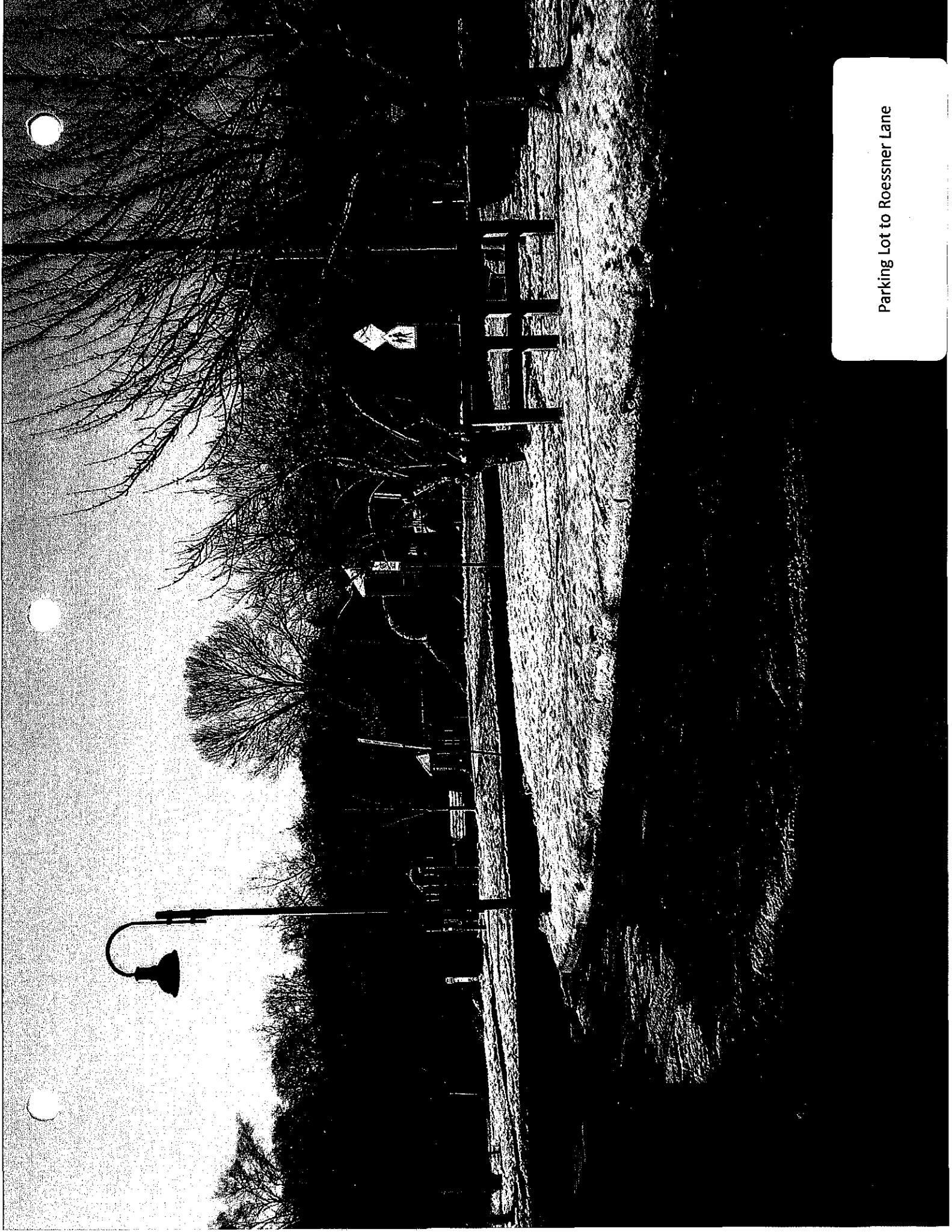
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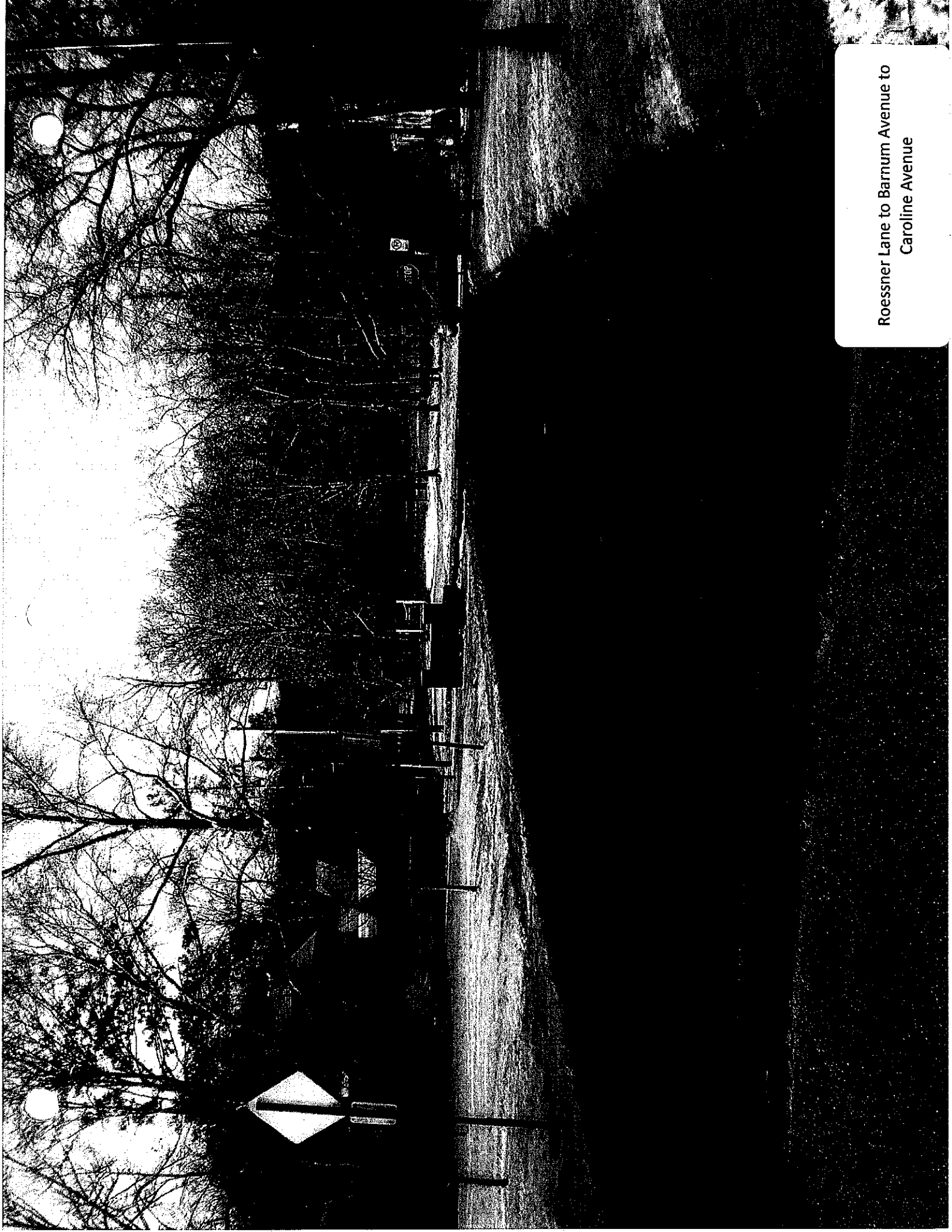
Force Main Route

Pump Station



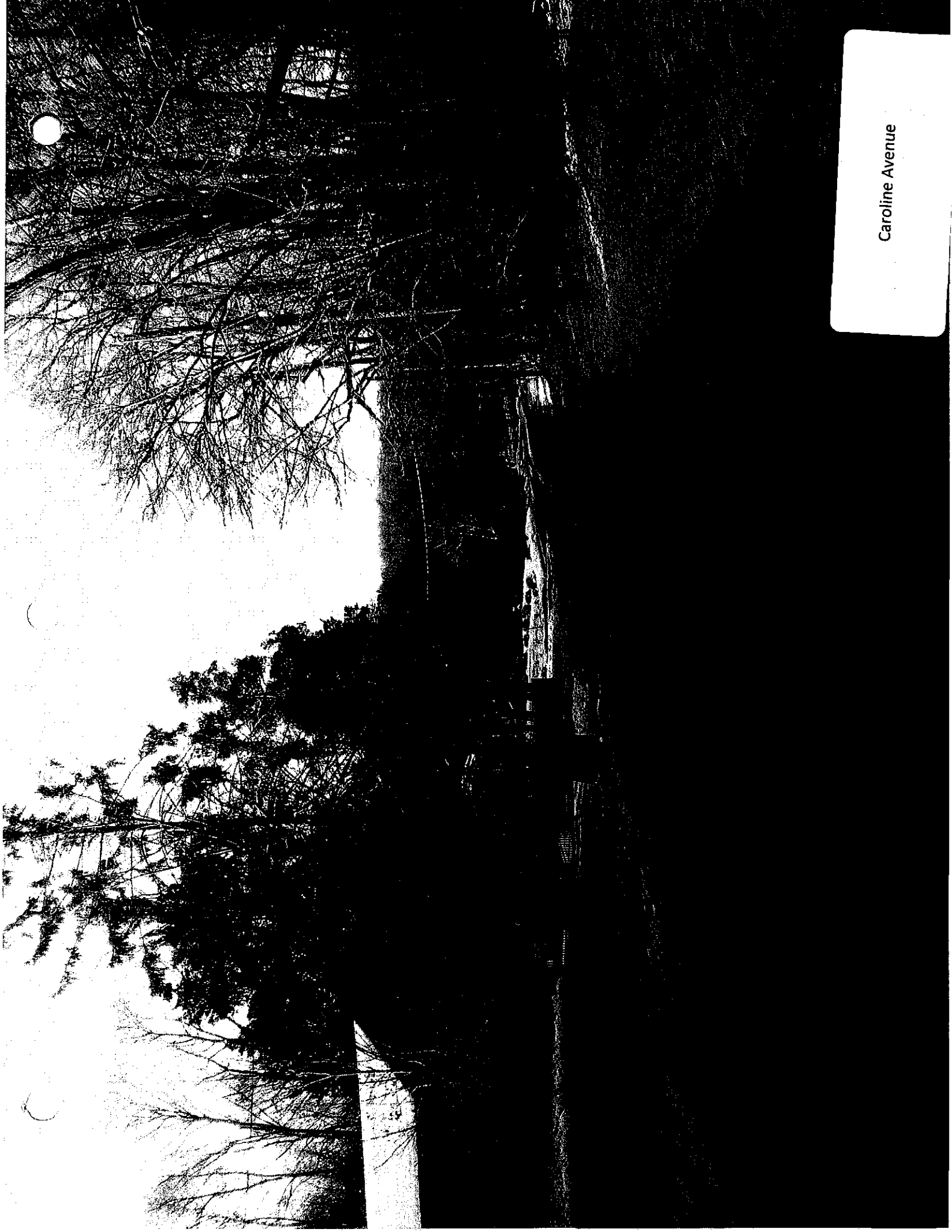


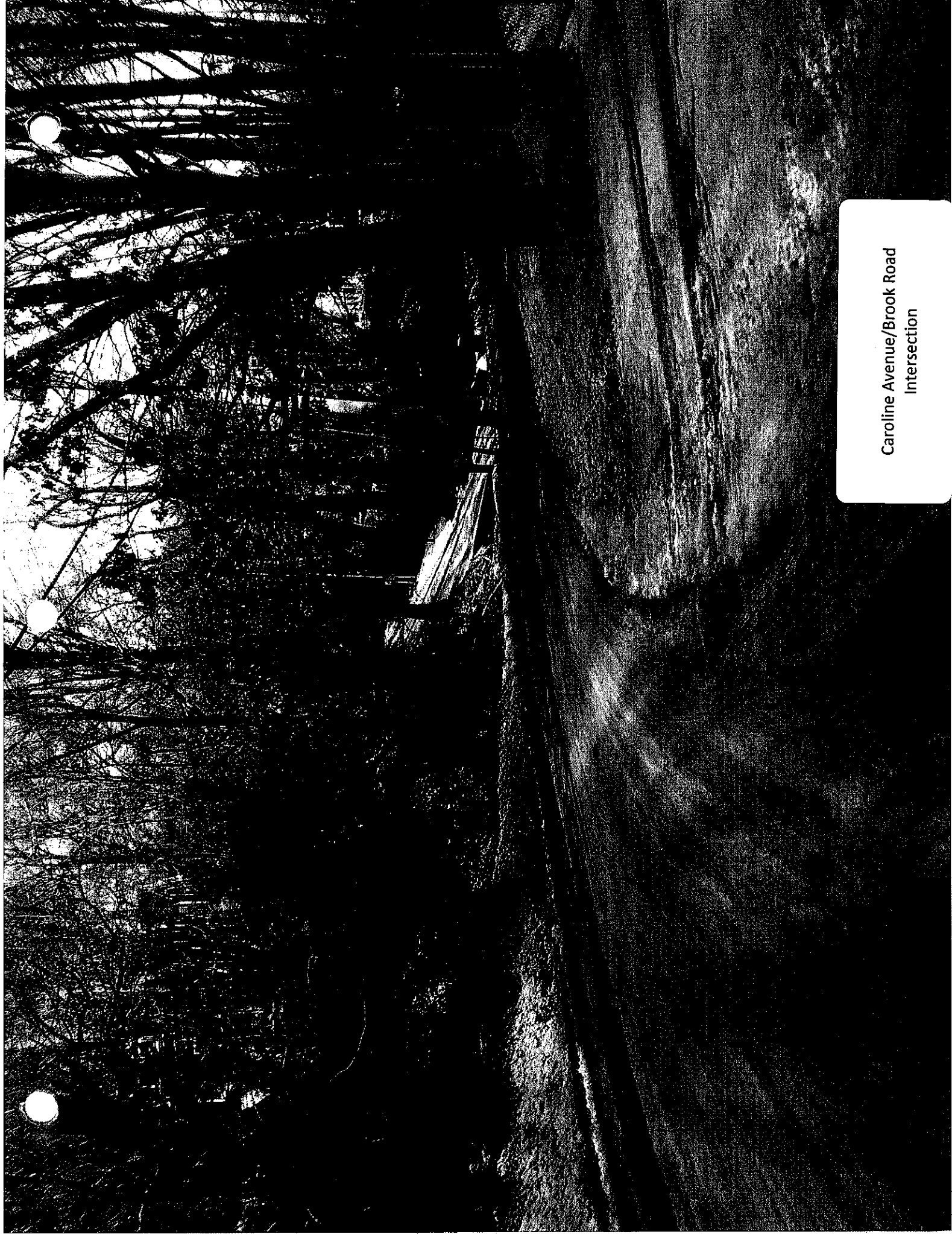
Parking Lot to Roesner Lane



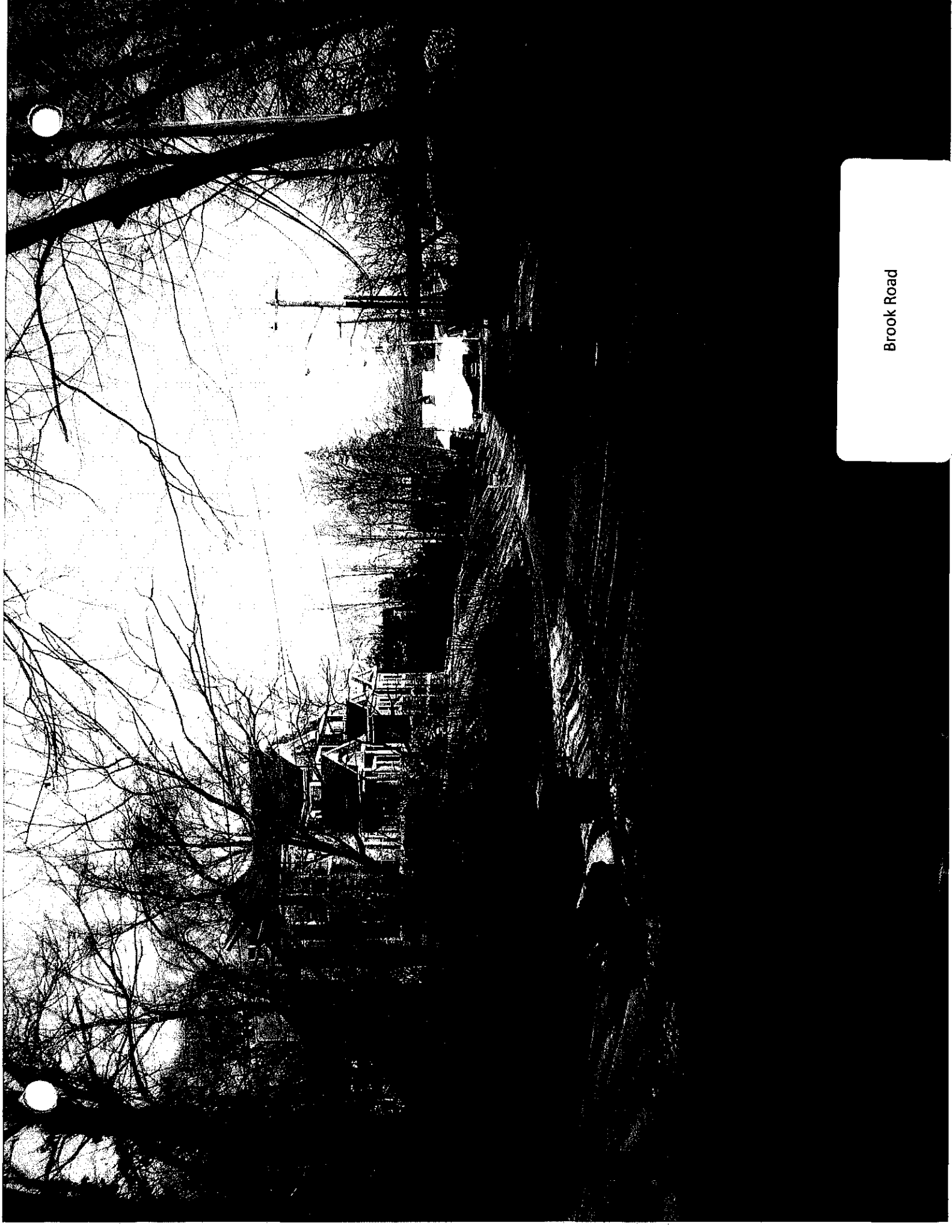
Roessner Lane to Barnum Avenue to
Caroline Avenue

Caroline Avenue

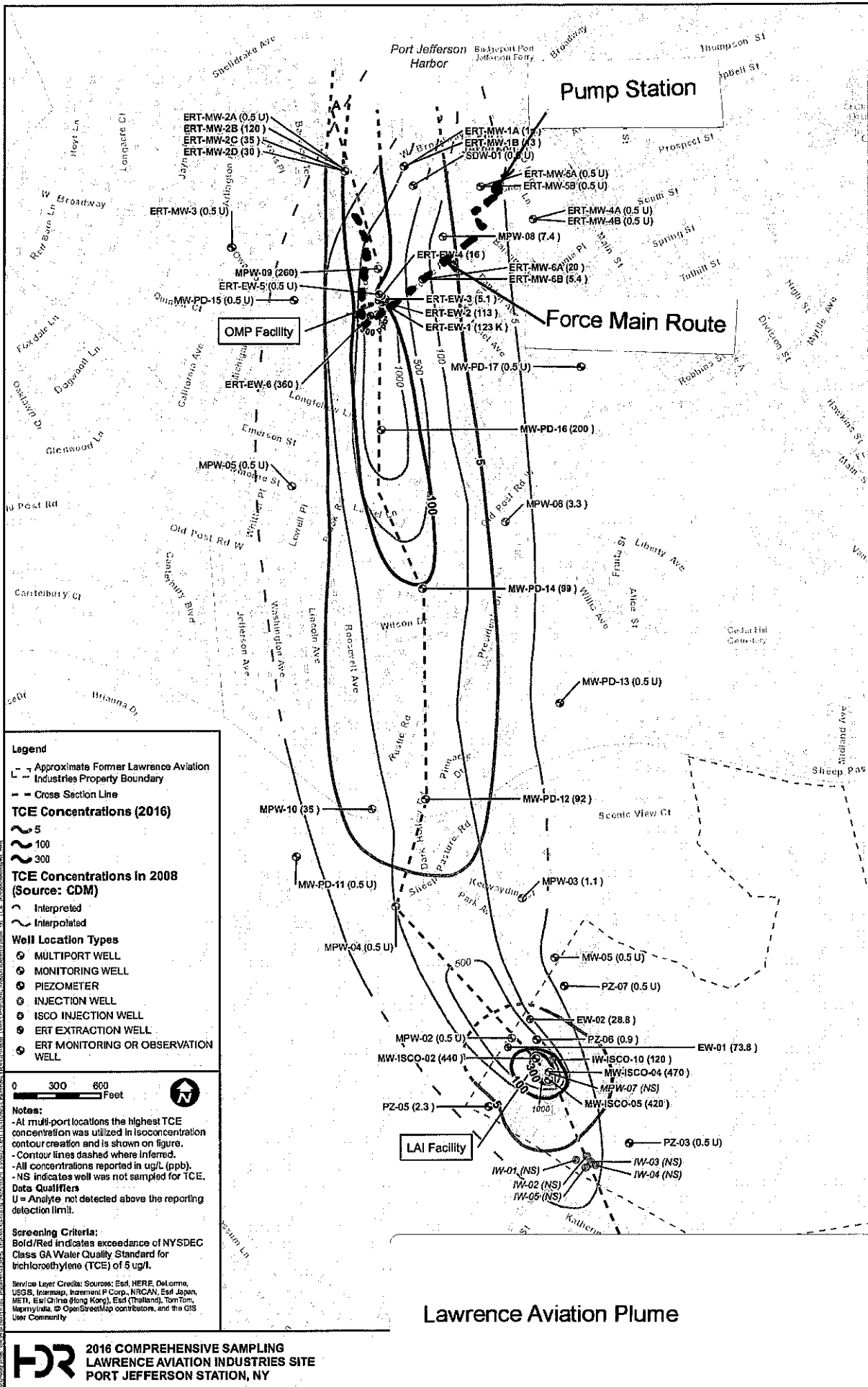




Caroline Avenue/Brook Road
Intersection



Brook Road






Lawrence Aviation Plume



**2016 COMPREHENSIVE SAMPLING
LAWRENCE AVIATION INDUSTRIES SITE
PORT JEFFERSON STATION, NY**

tal Resource Mapper

Base Map: NYS A

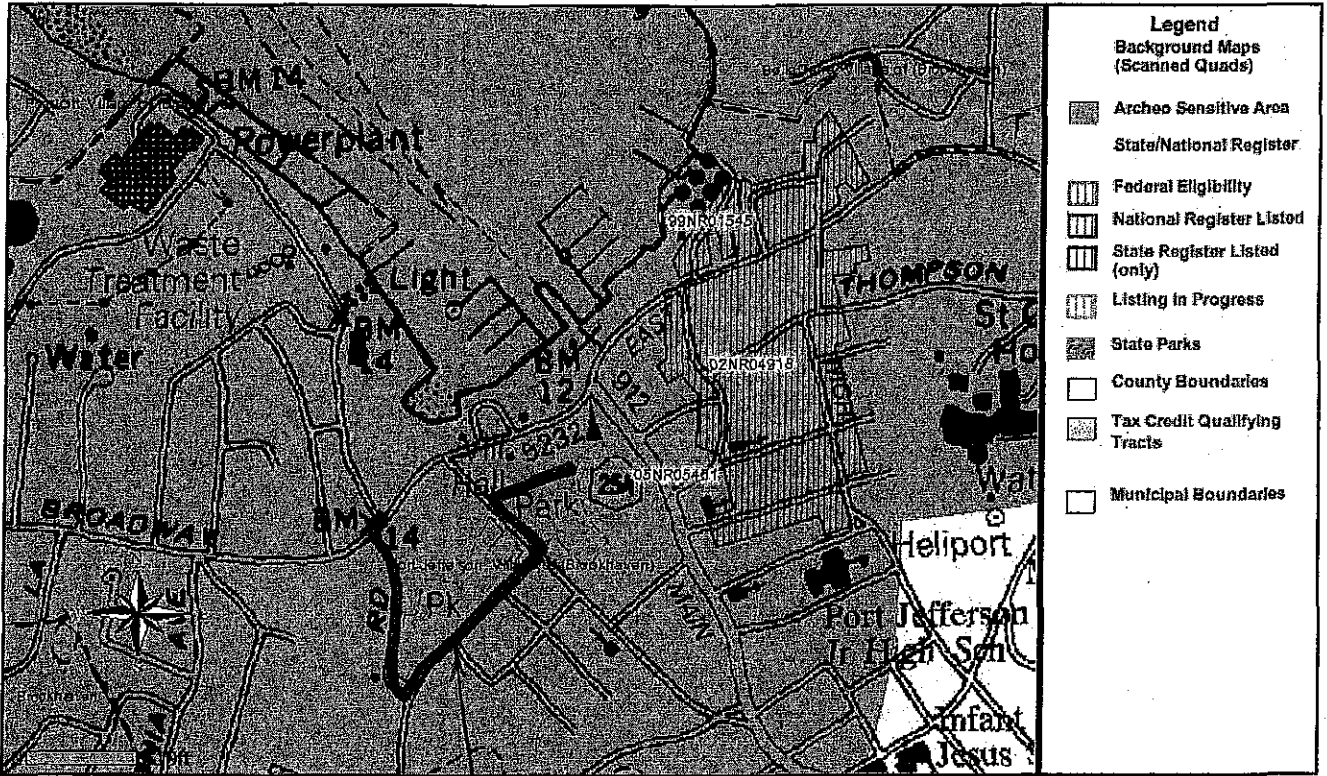
- All Features
- Locations for Rivers/Streams 
- Locations for Lakes
- Freshwater Wetlands
- Wetland Checkzone 
- All Communities
- Communities Near This Location 
- Rare Animals



Wetlands



PJ Force Main



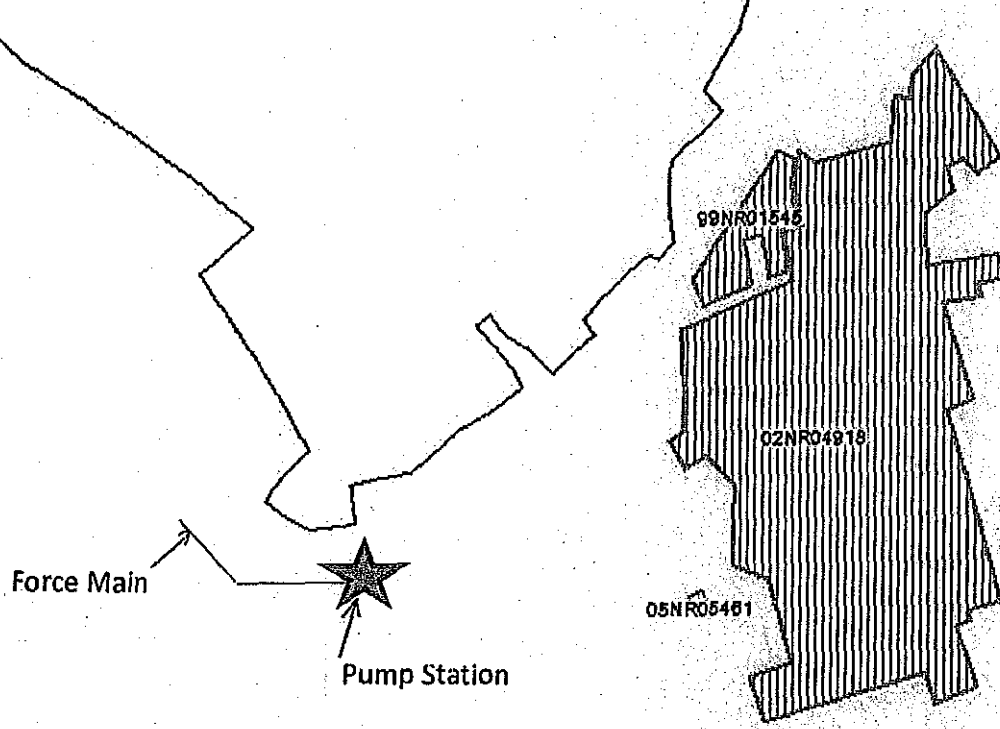
March 25, 2014


Disclaimer: This map was prepared by the New York State Parks, Recreation and Historic Preservation National Register Listing Internet Application. The information was compiled using the most current data available. It is deemed accurate, but is not guaranteed.

Port Jefferson Force Main Route

SHPO National Register

SCSD #1 Port Jefferson



01  496ft

December 17, 2013

Disclaimer: This map was prepared by the New York State Parks, Recreation and Historic Preservation National f Application. The information was compiled using the most current data available. It is deemed accurate, but is n

Results 1 - 1

NR Number	Name	Status	Address	City	County	Listing Date	Theme
02NR04918	Port Jefferson Village Historic District	LI	Broadway, Grant Street, High Street, South Street	Port Jefferson	Suffolk	2/1/2005	

Query report

Page 1 of 1

Results 1 - 1

NR Number	Name	Status	Address	City	County	Listing Date	Theme
05NR05461	First National Bank of Port Jefferson	LI	Main and East Main Streets	Port Jefferson	Suffolk	7/26/2005	

Query report

Page 1 of 1

Results 1 - 1

NR Number	Name	Status	Address	City	County	Listing Date	Theme
99NR01545	Bayles Shipyard	LI	101 East Broadway	Port Jefferson	Suffolk		

SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
6 NYCRR Part 617
State Environmental Quality Review

Part 2 – Identification of Potential Project Impacts

Instructions: Part 2 is to be completed by the lead agency. It 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.

Tips for completing Part 2:

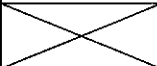
- _____ Review all of the information provided in Part 1.
- _____ Review any application, maps, supporting materials and the Full EAF Workbook.
- _____ Answer each of the 18 questions in Part 2.
- _____ If you answer “YES” to a numbered question, please complete all the questions that follow in that section.
- _____ If you answer “NO” to a numbered question, move on to the next numbered section.
- _____ 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 The proposed action may involve construction on, or physical alteration of the land surface of the proposed site. (See Part 1.D.1) YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> <i>If “YES”, answer questions a-h. If “NO”, move on to Section 2.</i>			
	Relevant Part 1 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.	E.2.d <input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____	The proposed action may involve construction on slopes of 15% or greater.	E.2.f <input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____	The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E.2.a <input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____	The proposed action may involve the excavation and removal of more than 1,000 tons of natural	D.2.a <input checked="" type="checkbox"/>	<input type="checkbox"/>

material.			
e. _____ The proposed action may involve construction that continues for more than one year or in multiple phases.	D.1.g	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. _____ The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D.2.e D.2.q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action is, or may be, located within a Coastal Erosion hazard area.	B.ix	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:	_____	<input type="checkbox"/>	<input type="checkbox"/>

2. _____ Impact on Geological Features			
<p>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) <i>If "YES", answer questions a-c. If "NO", move on to Section 3.</i></p>		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ Identify the specific land form(s):	E.2.g	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature:	E.3.c	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ Other impacts:	_____	<input type="checkbox"/>	<input type="checkbox"/>

3. _____ Impact on Surface Water			
<p>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) <i>If "YES", answer questions a-l. If "NO", move on to Section 4.</i></p>		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may create a new water body	D.1.j D.2.b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D.2.b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D.2.a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E.2.h E.2.i	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by	D.2.a D.2.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>

disturbing bottom sediments.			
f. _____ The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D.2.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D.2.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. _____ The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D.2.e	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. _____ The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E.2.h – E.2.l	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j. _____ The proposed action may involve the application of pesticides or herbicides in or around any water body.	D.2.q E.2.h – E.2.l	<input checked="" type="checkbox"/>	<input type="checkbox"/>
k. _____ The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D.1.a D.2.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
l. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

4. _____ Impact on Groundwater			
The proposed action may result in new or additional use of groundwater, or may have the potential to introduce contaminants to groundwater or an aquifer. (See Part 1.D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<i>If "YES", answer questions a-h. If "NO", move on to Section 5.</i>			
	Relevant Part 1 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.	D.2.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source:	D.2.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may allow or result in residential uses in areas without water and sewer services.	D.1.a D.2.c – D.2.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may include or require wastewater discharged to groundwater.	D.2.d E.2.p	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D.2.c E.1.f – E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D.2.p E.2.p	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	D.2.q E.2.h – E.2.l E.2.p D.2.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>

h. _____ Other impacts:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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5. _____ Impact on Flooding The proposed action may result in development on lands subject to flooding. (See Part 1.E.2) YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> <i>If "YES", answer questions a-g. If "NO", move on to Section 6.</i>			
	Relevant Part 1 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.	E.2.m	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in development within a 100 year floodplain.	E.2.n	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may result in development within a 500 year floodplain.	E.2.o	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in, or require, modification of existing drainage patterns.	D.2.b D.2.e	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may change flood water flows that contribute to flooding.	D.2.b E.2.m – E.2.o	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ If there is a dam located on the site of the proposed action, the dam has failed to meet one or more safety criteria on its most recent inspection.	E.1.e	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ Other impacts:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. _____ Impact 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) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <i>If "YES", answer questions a-f. If "NO", move on to Section 7.</i>			
	Relevant Part 1 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 (CO2)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
ii. _____ More than 3.5 tons/year of nitrous oxide (N2O)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
iii. _____ More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
iv. _____ More than .045 tons/year of sulfur hexafluoride (SF6)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
v. _____ More than 1000 tons/year of carbon dioxide equivalent of hydrochlorofluorocarbons (HCFCs) emissions	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
vi. 43 tons/year or more of methane	D.2.h	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>


air pollutants.			
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.	D.2.f D.3.g	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may reach 50% of any two or more of the thresholds in "a" through "c", above.	D.1.i D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D.2.s	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>


7. _____ Impact on Plants and Animals			
Animals			
The proposed action may result in a loss of flora or fauna. YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			
(See Part 1.E.2.q – E.2.u)			
<i>If "YES", answer questions a-j. If "NO", move on to Section 8.</i>			
	Relevant Part 1 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.	E.2.s	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E.2.s	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E.2.t	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E.2.t	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E.3.c	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source:	E.2.r	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E.2.q	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source:	E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
i. _____ Proposed action (commercial, industrial or recreational projects, only) involves use of	D.2.q	<input type="checkbox"/>	<input type="checkbox"/>

herbicides or pesticides.			
j. _____ Other impacts:	XXXXXX	<input type="checkbox"/>	<input type="checkbox"/>

8. _____ Impact on Agricultural Resources			
Resources The proposed action may impact agricultural resources. (See Part 1.E.3.a & E.3.b) <i>If "YES", answer questions a-h. If "NO", move on to Section 9.</i>		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	Relevant Part 1 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.	E.2.c E.3.b	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc.).	E.1.a E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E.3.b	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District or more than 10 acres if not within an Agricultural District.	E.1.b E.3.a	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may disrupt or prevent installation of an agricultural land management system.	E.1.a E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C.2.c, C.3 D.2.c, D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C.2.c	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:	XXXXXX	<input type="checkbox"/>	<input type="checkbox"/>

9. _____ Impact on Aesthetic Resources			
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. (See Part 1.E.1.a, E.1.b, E.3.h) <i>If "YES", answer questions a-g and complete Appendix B - Visual EAF Addendum. If "NO", move on to Section 10.</i>		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	Relevant Part 1 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.	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may	C.2.b	<input type="checkbox"/>	<input type="checkbox"/>

result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E.3.h		
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	E.3.h E.3.h	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
d. _____ The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E.3.h E.2.u E.1.c	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
e. _____ The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ There are similar projects visible within the following distance of the proposed project: 0 – ½ mile ½ – 3 mile 3 – 5 mile 5+ mile	D.1.a D.1.h D.1.i E.1.a	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
g. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

10. _____ Impact on Historic and Archeological Resources			
The proposed action may occur in or adjacent to an historic or archaeological resource. (See Part 1.E.3.e, E.3.f, E.3.g)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<i>If "YES", answer questions a-e. If "NO", move on to Section 11.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places.	E.3.e	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E.3.f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source:	E.3.g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>
e. _____ If any of the above (a-d) are answered "Yes", 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.	E.3.e – E.3g	<input type="checkbox"/>	<input type="checkbox"/>

ii. The proposed action may result in the alteration of the property's setting or integrity.	E.1.a, E.1.b E.3.e – E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	C2, C3 E.3.g, E.3.h	<input type="checkbox"/>	<input type="checkbox"/>

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.u) YES NO
If "YES", answer questions a-e. If "NO", move on to Section 12.


	Relevant Part 1 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, and wildlife habitat.	D.2.e, E.1.b E.2.h – E.2.l E.2.q – E.2.t	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in the loss of a current or future recreational resource.	C.2.a, C.2.c E.1.c, E.2.u	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C.2.a, C.2.c E.1.c, E.2.u	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C.2.c, E.1.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ Other impacts:	_____	<input type="checkbox"/>	<input type="checkbox"/>

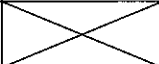
12. _____ Impact on Critical Environmental Areas
 The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1.E.3.d) YES NO
If "YES", answer questions a-c. If "NO", move on to Section 13.

	Relevant Part 1 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.	E.3.d	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E.3.d	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ Other impacts:	_____	<input type="checkbox"/>	<input type="checkbox"/>

13. _____ Impact on Transportation
 The proposed action may result in a change to existing transportation systems. (See Part 1.D.2.j) YES NO
If "YES", answer questions a-f. If "NO", move on to Section 14.

	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ Projected traffic increase	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>

may exceed capacity of existing road network.			
b. _____ The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action will degrade existing transit access.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action will degrade existing pedestrian or bicycle accommodations.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may alter the present pattern of movement of people or goods.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

14. _____ Impact on Energy			
The proposed action may cause an increase in the use of any form of energy (See Part 1.D.2.k)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<i>If "YES", answer questions a-e. If "NO", move on to Section 15.</i>			
	Relevant Part 1 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.	D.2.k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D.1.h D.1.i D.2.k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D.2.k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D.1.i	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

15. _____ Impact on Noise, Odor and Light			
The proposed action may result in an increase in noise, odors or outdoor lighting (See Part 1.D.2.m, D.2.n, D.2.o)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<i>If "YES", answer questions a-f. If "NO", move on to Section 16.</i>			
	Relevant Part 1 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.	D.2.m	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D.2.m E.1.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may result in routine odors for more than one hour per day.	D.2.o	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in light shining onto adjoining properties.	D.2.n	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in lighting that creates sky-glow brighter than existing-area conditions.	D.2.n E.1.a	<input checked="" type="checkbox"/>	<input type="checkbox"/>

f. _____ Other impacts:	☒	<input type="checkbox"/>	<input type="checkbox"/>
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16. _____ Impact on Human Health			
The proposed action may have an impact on human health from exposure to new or existing sources of contaminants (See Part 1.D.2.q, E.1.d, E.1.f, E.1.g, E.1.h)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<i>If "YES", answer questions a-m. If "NO", move on to Section 17.</i>			
	Relevant Part 1 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.	E.1.d	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. _____ The site of the proposed action is currently undergoing remediation.	E.1.g, E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ There is a completed emergency spill remediation or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E.1.g E.1.h	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. _____ The site of the action is subject to an institutional control limiting the use of the property (e.g. easement, deed restriction)	E.1.g E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E.1.g E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D.2.t	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action involves construction or modification of a solid waste management facility.	D.2.q E.1.f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. _____ The proposed action may result in the unearthing of solid or hazardous waste.	D.2.q E.1.f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. _____ The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D.2.r D.2.s	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j. _____ The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E.1.f – E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
k. _____ The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E.1.f E.1.g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
l. The proposed action may result in the release of contaminated leachate from the project site.	D.2.r, D.2.s E.1.f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
m. _____ Other impacts:	☒	<input type="checkbox"/>	<input type="checkbox"/>

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

	Relevant Part 1 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).	C.2, C.3, D.1.a, E.1.a, E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C.2	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action is inconsistent with local land use plans or zoning regulations.	C.2, C.3	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action is inconsistent with any County plans, or other regional land use plans.	C.2	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C.3 D.1.e, D.1.f, D.1.h, E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C.4, D.2.c, D.2.d, D.2.j	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C.2.a	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

18. _____ Consistency with Community Character The proposed action is inconsistent with the existing community character (See Part 1.C.2, C.3, D.2, E.3) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <i>If "YES", answer questions a-g. If "NO", move on to Part 3.</i>			
	Relevant Part 1 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.	E.3.e, E.3.f, E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C.4	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C.2, C.3, D.1.h, D.1.i, E.1.a	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C.2, E.3	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action is inconsistent with the predominant architectural scale and character.	C.2, C.3	<input type="checkbox"/>	<input type="checkbox"/>
f. Proposed action is inconsistent with the character of the existing natural landscape.	C.2, C.3, E.1.a, E.1.b, E.2.g – E.2.1	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
6 NYCRR Part 617
State Environmental Quality Review

**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.

Please see attached evaluation for the EAF Part II Questions for which the "Moderate to large impact may occur" box was checked.

Sewer District No. 1, Port Jefferson

Pump Station Force Main CP 8122

Part 3 – Evaluation of the Magnitude and Importance of Project Impacts and Determination of Significance

For EAF Part II Question 1.e which states "The proposed action may involve construction that continues for more than one year or in multiple phases" the moderate to large box was checked because the proposed project is anticipated to take 15 months. However, this project length is not anticipated to result in a significant adverse impact on the environment because while the entire force main piping system construction is anticipated to take fifteen months, the construction time at any one individual location along the piping system will be of much shorter duration. To install the force main piping directional drilling is proposed and where there are major directional changes in the force main route pits will be required. Only two pits will be opened at any one time and it is estimated that the pits will be open for 1 -2 days. This anticipated construction technique and the limited construction duration at a given location along the piping route will insure that a given location is not subject to a significant impact due to the construction duration.

For EAF Part II Question 16.c which states "There is a emergency spill remediation or a completed environmental site remediation on, or adjacent to, the site of the proposed action" the moderate to large box was checked because the proposed project is in the vicinity of the Lawrence Aviation plume. However, this project is not anticipated to result in a significant adverse impact on the environment due to the nature of the plume and the engineering precautions that are proposed to be taken. Preliminary discussions with the United States Environmental Protection Agency (EPA) indicates that the Lawrence Road Aviation Plume is significantly deeper than the projects excavation depth. Beyond the preliminary discussions noted this project will require approvals from the EPA and the NYSDEC and the permitting process will define the conditions required to conduct the construction work. To reduce the need for dewatering it is anticipated that the force main will be installed using a direction drilling method. This method will require excavated pits where there is a major change in the direction of the force main. It is anticipated that these pits will be fitted with tight sheeting to reduce the amount of required dewatering. All dewatering water and excavated materials will be disposed of in accordance with NYSDEC and EPA permit conditions.

For EAF Part II Question 16.a which states "The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community" the moderate to large box was checked because while the project is not technically located within 1,500 feet of a school, hospital, etc. a portion of the proposed project is located within and adjacent to Village of Port Jefferson parkland (Clifton Memorial Parkland). However, this project is not anticipated to result in a significant adverse impact on the environment due to the fact that all construction work will be to limited to the Suffolk County pumping station property, the park roadway and road right-of-ways. In addition, the installation of the forcemain will be limited in duration and impact due to the anticipated direction drilling method that will be deployed. Furthermore, all construction will be conducted in accordance with Village of Port Jefferson road opening permit requirements as well as NYSDEC and EPA permitting requirements.

COUNTY OF SUFFOLK



STEVEN BELLONE
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF PUBLIC WORKS

DARNELL TYSON, P.E.
DEPUTY COMMISSIONER

GILBERT ANDERSON, P.E.
COMMISSIONER

THOMAS G. VAUGHN
DEPUTY COMMISSIONER

M E M O R A N D U M

TO: Lawrence Swanson, Chairperson
Council on Environmental Quality

FROM: Ben Wright, P.E., Principal Civil Engineer *BW*

SUBJECT: **SCSD #5 - Strathmore Huntington
Lagoon Remediation CP 8115**

DATE: March 1, 2017

Please find attached 15 copies of the Full Environmental Assessment Form for the referenced project. The project involves the remediation and closure of an abandoned lagoon that has evidence of contamination. The lagoon is on the site of the Sewer District No. 5 - Strathmore Huntington Wastewater Treatment Facility. The project will include the coordination with NYSDEC and will also include a NYSDEC work plan and endpoint sampling program, legal off-site transportation and disposal of material designated by NYSDEC.

We appreciate the project being placed on the March 15th agenda of CEQ.

Thank you for your assistance.

BW/ni

Attachment

cc: John Corral, Planner, CEQ
John Donovan, P.E., Chief Engineer
Janice McGovern, P.E., Principal Civil Engineer

H:\SANITATION\Sewer-districts\sd05 - Huntington\bw3-1-17 sd5 Strathmore Huntington CP 8115 memo to LSwanson.doc

SUFFOLK COUNTY IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

**SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM**

6 NYCRR Part 617

State Environmental Quality Review

Part 1 – Environment and Setting

Instructions: Part 1 is to be completed by the applicant or project sponsor. 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. If a question is not applicable to the proposed project indicate with “N/A”.

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 is “Yes”, complete the sub-questions that follow. If the answer to the initial question is “No”, proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Sponsor Information

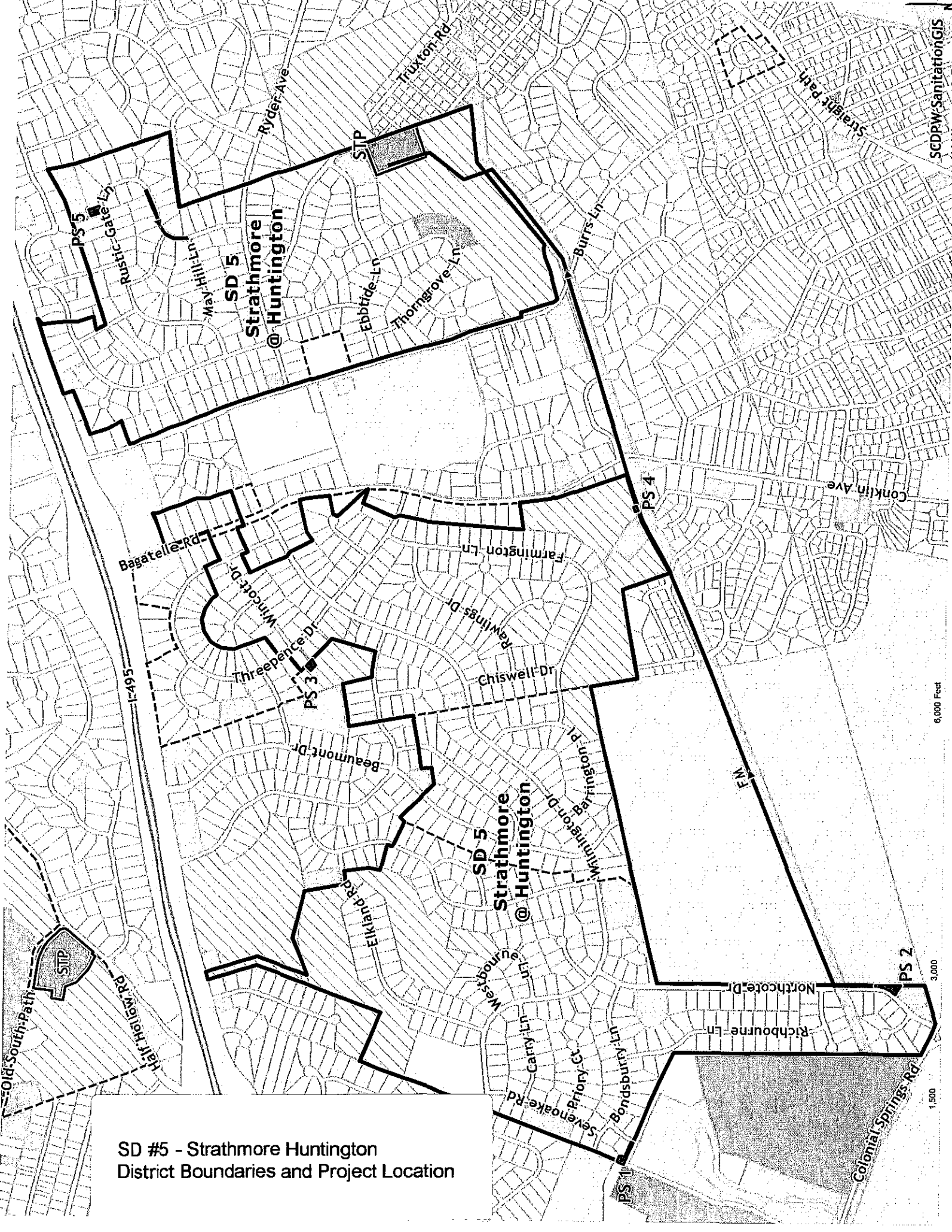
Name of Action/Project: Improvements to Sewer District No. 5 - Strathmore Huntington (lagoon remediation)
Project Location (specify Town, Village, Hamlet and attach general location map*): Huntington, Dix Hills (see map)
Street Address: end of Truxton Lane
Name of Property or Waterway: Suffolk County SD #5 - Strathmore Huntington

* Maps of Property and Project: Attach relevant available maps including a location map (note: use road map, Hagstrom Atlas, USGS topography map, tax map or equivalent) and preliminary site plans showing orientation, scale, buildings, roads, landmarks, drainage systems, area to be altered by project, etc.

Type of Project: New Expansion

Capital Program: Item # CP 8115 Date Adopted: Dec 2016 Amount: \$1,000,000

<p>Brief Description of Proposed Action (include purpose or need/attach relevant design reports, plans, etc.): A soil probe sampling program determined the soil in an abandoned lagoon was contaminated and required remediation and closure. The project involves the remediation of the abandoned lagoon on the site of the Sewer District No. 5 - Strathmore Huntington Wastewater Treatment Facility. The project includes the coordination of NYSDEC and will also include an approved NYSDEC work plan and endpoint sampling program, legal off-site transportation and disposal of material designated by NYSDEC. The contamination has been identified as 4-chloraniline, cadmium, chromium, copper, mercury, nickel, and zinc some of which is above DEC soil clean-up objectives. See attached Project Approach.</p>



**SD #5 - Strathmore Huntington
District Boundaries and Project Location**

Sewer District No. 5 – Strathmore Huntington
Lagoon Remediation and Closure
Project Approach

Suffolk County Sewer District Number 5 wastewater treatment facility has a number of recharge beds on the site and one bed/lagoon that has not been used for decades because of its location and condition. The attached figures indicate the location of the lagoon on the treatment plant site and a view of that lagoon. Due to suspicion that there may have been some contamination in the lagoon, we had soil analysis performed on two separate occasions with the results indicating varying levels of contaminant concentrations. The conclusion of our consultant was that 4 – Chloroaniline, cadmium, copper, mercury, nickel, zinc and chromium exceeded the NYSDEC levels of some soil cleanup objectives. Remediation was recommended and a capital project was created with funding for remediation in 2017.


Based on a meeting with NYSDEC Region 1 office, a work plan has been outlined which required additional submission of data to that office leading to consultation with the Albany Central Office of NYSDEC. A comparison of the identified contaminants to DEC's Unrestricted Use Soil Cleanup Objectives and DEC's Restricted Use Soil Objectives for both residential and Protection of Groundwater categories was made for DEC requests. The project is to remediate the lagoon site and close this lagoon in accordance with NYSDEC Part 750-2.11 criteria (attached). The area to be remediated must have that material legally and properly disposed of (off Long Island) and have an endpoint sampling program to identify the success of remediation. The dialog with NYSDEC will continue as funds are appropriated to conduct the project work.

A project update can be provided to satisfy any further environmental concerns or tasks.

SCSD 5 Huntington/Strathmore

NY 0070033

Legend

 Strathmore Park

Lagoon



300 ft



Lagoon

(a) This section applies to any and all disposal systems permanently removed from use or operation at SPDES permitted facilities or at facilities for which a SPDES permit has been revoked or an application for renewal denied, unless a judicial or administrative stay is in effect. The intent of this section is to protect public safety and health and to assure that no contamination of ground or surface water will occur as a result of removing such systems from service either through the act of closure or through continuing the discharge of pollutants into or through equipment, or through leaking, leaching, or discharge of pollutants from wastewater or residuals remaining in disposal systems which has been removed from use but remains on site.

(b) The closure of a disposal system means either the termination of the source of wastewater or stormwater, or the permitted conveyance of wastewater or stormwater to an alternate location (such as a regional facility) in such a manner that no further treatment storage or conveyance of wastewater or stormwater is performed by the system.

(c) Disposal system closures shall conform with the following procedures:

(1) On or before 60 calendar days prior to taking the system out of service a permittee shall:

(i) Submit to the Regional Water Engineer the following information concerning closure activities:

- 731 222
- (a) The date the system will cease operation;
 - (b) The date the influent and effluent pipes will be sealed;
 - (c) Plans (signed and sealed by a New York State licensed professional engineer) for final disposition of the physical facilities, including all treatment units, outfall line, and all mechanical and electrical equipment and piping;
 - (d) Plans (signed and sealed by a New York State licensed professional engineer) for elimination of all equipment and/or conditions that could possibly pose a safety hazard, either during or after shut-down of operations;
 - (e) Verification that there are no lines in the collection system which are cross connected (receiving both sanitary and storm water) or which do not contain adequate conveyance capacity.
 - (f) The name of the licensed individual responsible for the maintenance and operation of the wastewater pumping station and/or disposal system systems that are still to be maintained; and

(ii) Notify the Regional Water Engineer, in writing, concerning any deactivated lagoons or other actual or potential discharges to ground water which may exist at the site.

(2) Proper management and/or removal of all residual materials (collected grit and screenings, scums, sand bed material, and dried or liquid sludges), as well as filter media, and all other solids from the treatment process that may remain in the abandoned treatment works is required.

(i) The permittee shall submit to the Regional Water Engineer proof of ownership or contractual arrangement with an operation or operations permitted to manage all such waste materials. A contract with a hauler will only be accepted as proof of proper waste management if documentation of management at an approved site or sites is included. In addition, all necessary State or Federal permits/approvals must accompany the submission.

(ii) All residual material shall be removed within 180 calendar days after the system is taken out of service. Proof of proper residuals management shall be submitted to the Regional Water Engineer within 30 calendar days after their removal. The dates of removal and quantities removed shall be specified.

(d) Upon satisfaction of closure requirements specified in (c) above, the Regional Water Engineer shall be contacted, in writing, to schedule a final site inspection of any disposal system which had a SPDES discharge permit to verify that influent and effluent pipes have been sealed and that all solid and residual materials related to the treatment process have been removed.

Project Status:

	Start	Completion
Proposal		
Study		
Preliminary Planning		
Final Plans: Specs	8/2017	12/2017
Site Acquisition		
Construction		
Other	3/2018	9/2018

Departments Involved:

Dept. Performing Design & Construction

Initiating Dept. (if different)

Name:	SCDPW Sanitation Division	
Street/PO:	335 Yaphank Avenue	
City, State:	Yaphank, NY	
Zip:	11980	
Contact Person:	John Donovan, P.E., Chief Engineer	
Business Phone:	631-852-4204	
Email:	john.donovan@suffolkcountyny.gov	

B. Government Approvals, Funding or Sponsorship

("Funding" includes grants, loans, tax relief and any other forms of financial assistance)

Government Entity	Yes <input type="checkbox"/>	No <input type="checkbox"/>	If "Yes": Identify Agency and Approval(s) Required	Application Date (Actual or Projected)
<i>i.</i> City Council, Town Board or Village Board of Trustees	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
<i>ii.</i> City, Town or Village Planning Board or Commission	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
<i>iii.</i> City, Town or Village Zoning Board of Appeals	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Coordinate truck route w/Town of Huntington	projected 10/2017
<i>iv.</i> Other local agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
<i>v.</i> County agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	CEQ/Legislature, SCDHS	projected 3/2017 - 4/2017
<i>vi.</i> Regional agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
<i>vii.</i> State agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NYSDEC - remediation/closure	2/2017 - 4/2017 actual - projection
<i>viii.</i> Federal agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
<i>ix.</i> Coastal Resources Is the project site within a Coastal Area or the waterfront area of a Designated Inland Waterway? If YES, Is the project site located in a community with an approved Local Waterfront Revitalization Program? Is the project site within a Coastal Erosion Hazard Area?				Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

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 <input type="checkbox"/> No <input checked="" type="checkbox"/>
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? If Yes: Does the comprehensive plan include specific recommendations for the site where the proposed action would be located? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
b. Is the site of the proposed action within any local or regional special planning district (i.e. Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; et. al)? If Yes, identify the plan(s): _____	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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? If Yes, identify the plan(s): _____	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
C.3. Zoning	
a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance? If Yes, what is the zoning classification(s) including any applicable overlay district? _____	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
b. Is the use permitted or allowed by a special or conditional use permit?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
c. Is a zoning change requested as part of the proposed action? If Yes, what is the proposed new zoning for the site? _____	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
C.4. Existing Community Services	
a. In what school district is the project site located? Half Hollow Hills	
b. What police or other public protection forces serve the project site? Suffolk County Police	
c. Which fire protection and emergency medical services serve the project site? Dix Hills and Wheatley Heights Volunteer Fire Department & Volunteer Ambulance Company	
d. What parks serve the project site? N/A	

D. Project Details

D.1. Proposed and Potential Development							
<p>a. What is the general nature of the proposed action? (if mixed, include all components)</p> <p>Residential <input type="checkbox"/>; Industrial <input type="checkbox"/>; Commercial <input type="checkbox"/>; Recreational <input type="checkbox"/>; Other <input checked="" type="checkbox"/>: Municipal sewer district</p>							
<p>b. Total acreage of the site of the proposed action:</p>	1.4 acres						
<p>c. Total acreage to be physically disturbed:</p>	0.25 acres						
<p>d. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor:</p>	1.4 acres						
<p>e. Is the proposed action an expansion of an existing project or use?</p> <p>If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet, etc.)?</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>						
<p>f. Is the proposed action a subdivision, or does it include a subdivision?</p> <p>If Yes:</p> <p><i>i.</i> Purpose or type of subdivision? (if mixed, specify types) Residential <input type="checkbox"/>; Industrial <input type="checkbox"/>; Commercial <input type="checkbox"/>; Recreational <input type="checkbox"/>; Other <input type="checkbox"/></p> <p><i>ii.</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Is a cluster/conservation layout proposed?</td> <td style="text-align: center; padding: 2px;">Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;">Number of lots proposed:</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Minimum and maximum proposed lot sizes:</td> <td style="padding: 2px;"></td> </tr> </table>	Is a cluster/conservation layout proposed?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Number of lots proposed:		Minimum and maximum proposed lot sizes:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Is a cluster/conservation layout proposed?	Yes <input type="checkbox"/> No <input type="checkbox"/>						
Number of lots proposed:							
Minimum and maximum proposed lot sizes:							
<p>g. Will proposed action be constructed in multiple phases?</p> <p>If No, What is the anticipated period of construction?</p> <div style="border: 1px solid black; padding: 2px;">6 months</div> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px;">Total number of phases anticipated:</div> <div style="border: 1px solid black; padding: 2px;">Anticipated commencement date of phase I (including demolition):</div> <div style="border: 1px solid black; padding: 2px;">Anticipated completion date of final phase:</div> <div style="border: 1px solid black; padding: 2px;">Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases:</div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>						

D.2.a (cont.) – only answer following if checked “Yes” above

Will there be onsite dewatering or processing of excavated materials?

If Yes, describe: No

What is the total area to be dredged or excavated? approximately 1,250 sq. feet

What is the maximum area to be worked at any one time? approximately 1,250 sq. ft.

What would be the maximum depth of excavation or dredging? approximately 8 ft.

Will the excavation require blasting? No

Summarize site reclamation goals and plans: closure of abandoned lagoon

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, water body, shoreline, beach or adjacent area?

If Yes:

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

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

Will proposed action cause or result in disturbance to bottom sediments?

If Yes, describe:

Will proposed action cause or result in the destruction or removal of aquatic vegetation?

Yes No

If Yes:

Area of vegetation proposed to be removed:

Expected acreage of aquatic vegetation remaining after project completion:

Purpose of proposed removal (e.g., beach clearing, invasive control, boat access):

Proposed method of plant removal:

If chemical/herbicide treatment will be used, specify product(s):

Describe any proposed reclamation/mitigation following disturbance:

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

If Yes:

Total anticipated water usage/demand per day:

Will the proposed action obtain water from an existing public water supply?

If Yes:

Name of district/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

Will line extension within an existing district be necessary to supply the project?

If Yes:

Describe extensions or capacity expansions proposed to serve this project:

Source(s) of supply for the district:

Yes No

Is a new water supply district or service area proposed to be formed to serve the project site?

If Yes:

Applicant/sponsor for new district:

Date application submitted or anticipated:

Proposed source(s) of supply for new district:

If a public water supply will not be used, describe plans to provide water supply for the project:

If water supply will be from wells (public or private), what will be the maximum pumping capacity?

d. Will the proposed action generate liquid wastes?

If Yes:

Total anticipated liquid waste generation per day:

Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each):

If sanitary wastewater identify proposed disinfection technology and treatment goals for the following:

Disinfection technology:

Nitrogen:

Phosphorus:

Total Suspended Solids (TSS):

Biological Oxygen Demand (BOD):

Will the proposed action use any existing public wastewater treatment facilities?

If Yes:

Name of wastewater treatment plant to be used:

Name of district:

Does the existing wastewater treatment plant have capacity to serve the project?

Yes No

Is the project site in the existing district?

Yes No

Is expansion of the district needed?

Yes No

Do existing sewer lines serve the project site?

Yes No

Will line extension within an existing district be necessary to serve the project?

If Yes:

Describe extensions or capacity expansions proposed to serve this project:

Will a new wastewater (sewage) treatment district be formed to serve the project site?

If Yes:

Applicant/Sponsor for new district:

Date application submitted or anticipated:

What is the receiving water for the wastewater discharge?

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):

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

Yes No

<p>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?</p> <p>If Yes:</p> <table border="1"> <tr> <td>How much impervious surface will the project create in relation to total size of project parcel? Area of Impervious Surface: Area of Parcel:</td> </tr> <tr> <td>Describe types of new point sources:</td> </tr> <tr> <td>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)?</td> </tr> <tr> <td>If to surface waters, identify receiving water bodies or wetlands:</td> </tr> <tr> <td>Will stormwater runoff flow to adjacent properties? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>Does proposed plan minimize impervious surfaces use pervious materials or collect and re-use stormwater? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	How much impervious surface will the project create in relation to total size of project parcel? Area of Impervious Surface: Area of Parcel:	Describe types of new point sources:	Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?	If to surface waters, identify receiving water bodies or wetlands:	Will stormwater runoff flow to adjacent properties? Yes <input type="checkbox"/> No <input type="checkbox"/>	Does proposed plan minimize impervious surfaces use pervious materials or collect and re-use stormwater? Yes <input type="checkbox"/> No <input type="checkbox"/>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
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Does proposed plan minimize impervious surfaces use pervious materials or collect and re-use stormwater? Yes <input type="checkbox"/> No <input type="checkbox"/>							
<p>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?</p> <p>If Yes, identify:</p> <table border="1"> <tr> <td>Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles): Payloaders, excavators, trucks during remediation</td> </tr> <tr> <td>Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers):</td> </tr> <tr> <td>Stationary sources during operations (e.g., process emissions, large boilers, electric generation):</td> </tr> </table>	Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles): Payloaders, excavators, trucks during remediation	Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers):	Stationary sources during operations (e.g., process emissions, large boilers, electric generation):	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>			
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Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers):							
Stationary sources during operations (e.g., process emissions, large boilers, electric generation):							
<p>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?</p> <p>If Yes:</p> <table border="1"> <tr> <td>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 <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>In addition to emissions as calculated in the application, the project will generate: <ul style="list-style-type: none"> - Tons/year (metric) of Carbon Dioxide (CO₂) - Tons/year (metric) of Nitrous Oxide (N₂O) - Tons/year (metric) of Perfluorocarbons (PFCs) - Tons/year (metric) of Sulfur Hexafluoride (SF₆) - Tons/year (metric) of Carbon Dioxide equivalent of Hydroflorocarbons (HFCS) - Tons/year (metric) of Hazardous Air Pollutants (HAPs) </td> </tr> </table>	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 <input type="checkbox"/> No <input type="checkbox"/>	In addition to emissions as calculated in the application, the project will generate: <ul style="list-style-type: none"> - Tons/year (metric) of Carbon Dioxide (CO₂) - Tons/year (metric) of Nitrous Oxide (N₂O) - Tons/year (metric) of Perfluorocarbons (PFCs) - Tons/year (metric) of Sulfur Hexafluoride (SF₆) - Tons/year (metric) of Carbon Dioxide equivalent of Hydroflorocarbons (HFCS) - Tons/year (metric) of Hazardous Air Pollutants (HAPs) 	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>				
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<p>h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Estimate methane generation in tons/year (metric):</td> </tr> <tr> <td>Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):</td> </tr> </table>	Estimate methane generation in tons/year (metric):	Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>							
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<p>i. Will the proposed action result in the release of air pollutants from open-air operations or processes such as quarry or landfill operations?</p> <p>If Yes, describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):</p> <table border="1"> <tr> <td> </td> </tr> </table>		<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>								
<p>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?</p> <p>If Yes:</p> <table border="1"> <tr> <td>When is the peak traffic expected? (check all that apply)</td> </tr> <tr> <td>Morning <input type="checkbox"/>; Evening <input type="checkbox"/>; Weekend <input type="checkbox"/>; Randomly <input checked="" type="checkbox"/> between the hours of 8am to 4pm</td> </tr> <tr> <td>For commercial activities only, projected number of semi-trailer truck trips/day: temporary during remediation - total approximately 15-20 with a maximum of 3-4/day</td> </tr> <tr> <td>Parking spaces: Existing: Proposed: N/A Net Increase/Decrease:</td> </tr> <tr> <td>Does the proposed action include any shared use parking? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> </tr> <tr> <td>If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:</td> </tr> <tr> <td>Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> </tr> <tr> <td>Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> </tr> <tr> <td>Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> </tr> </table>	When is the peak traffic expected? (check all that apply)	Morning <input type="checkbox"/> ; Evening <input type="checkbox"/> ; Weekend <input type="checkbox"/> ; Randomly <input checked="" type="checkbox"/> between the hours of 8am to 4pm	For commercial activities only, projected number of semi-trailer truck trips/day: temporary during remediation - total approximately 15-20 with a maximum of 3-4/day	Parking spaces: Existing: Proposed: N/A Net Increase/Decrease:	Does the proposed action include any shared use parking? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:	Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
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<p>k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Estimate annual electricity demand during operation of the proposed action:</td> </tr> <tr> <td>Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility or other):</td> </tr> <tr> <td>Will the proposed action require a new, or an upgrade to, an existing substation? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	Estimate annual electricity demand during operation of the proposed action:	Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility or other):	Will the proposed action require a new, or an upgrade to, an existing substation? Yes <input type="checkbox"/> No <input type="checkbox"/>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>						
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<p>l. Hours of operation (Answer all items which apply)</p> <table border="1"> <thead> <tr> <th data-bbox="154 94 738 136">During Construction</th> <th data-bbox="738 94 1307 136">During Operations</th> </tr> </thead> <tbody> <tr> <td data-bbox="154 136 738 178">Monday-Friday: 8:00am - 4:00pm</td> <td data-bbox="738 136 1307 178">Monday-Friday:</td> </tr> <tr> <td data-bbox="154 178 738 220">Saturday:</td> <td data-bbox="738 178 1307 220">Saturday:</td> </tr> <tr> <td data-bbox="154 220 738 262">Sunday:</td> <td data-bbox="738 220 1307 262">Sunday:</td> </tr> <tr> <td data-bbox="154 262 738 304">Holidays:</td> <td data-bbox="738 262 1307 304">Holidays:</td> </tr> </tbody> </table>	During Construction	During Operations	Monday-Friday: 8:00am - 4:00pm	Monday-Friday:	Saturday:	Saturday:	Sunday:	Sunday:	Holidays:	Holidays:	<p>N/A <input type="checkbox"/></p>
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Monday-Friday: 8:00am - 4:00pm	Monday-Friday:										
Saturday:	Saturday:										
Sunday:	Sunday:										
Holidays:	Holidays:										
<p>m. Does the proposed action produce noise that will exceed existing ambient noise levels during construction, operation or both?</p> <p>If Yes:</p> <p>Provide details including sources, time of day and duration: semi-trailer/excavation, 8:00am-4:00pm, up to 6 months, however, a total of action could be as little as a week</p> <p>Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Describe:</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>										
<p>n. Will the proposed action have outdoor lighting?</p> <p>If Yes:</p> <p>Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:</p> <p>Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>										
<p>o. Does the proposed action have the potential to produce odors for more than one hour per day?</p> <p>If Yes:</p> <p>Describe possible sources, potential frequency and duration of odor emissions and proximity to nearest occupied structures:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>										
<p>p. Will the proposed action include any bulk storage of petroleum (over 1,100 gallons) or chemical products (over 550 gallons)?</p> <p>If Yes:</p> <p>Product(s) to be stored:</p> <p>Volume(s): per unit time: (e.g., month, year)</p> <p>Generally describe proposed storage facilities:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>										
<p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation?</p> <p>If Yes:</p> <p>Describe proposed treatment(s):</p> <p>Will the proposed action use Integrated Pest Management Practices? Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>										

<p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)?</p> <p>If Yes:</p> <p>Describe any solid waste(s) to be generated during construction or operation of the facility:</p> <p>Construction: 500 tons per 6 months (unit of time)</p> <p>Operation: tons per (unit of time)</p> <p>Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</p> <p>Construction: no recycle - remediation</p> <p>Operation:</p> <p>Proposed disposal methods/facilities for solid waste generated on-site:</p> <p>Construction: legal disposal of contaminated soil</p> <p>Operation:</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>s. Does the proposed action include construction or modification of a solid waste management facility?</p> <p>If Yes:</p> <p>Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill or other disposal activities):</p> <p>Anticipated rate of disposal/processing:</p> <p> tons/month, if transfer or other non-combustion/thermal treatment, or</p> <p> tons/hour, if combustion or thermal treatment</p> <p>If landfill, anticipated site life: years</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>t. Will proposed action at the site involve the commercial generation, treatment, storage or disposal of hazardous waste?</p> <p>If Yes:</p> <p>Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: Remediation of material containing heavy metals and VOC's</p> <p>Generally describe processes or activities involving hazardous wastes or constituents: To be remediated and legally disposed of</p> <p>Specify amount to be handled or generated: less than 500 tons per month/6 months duration tons/month</p> <p>Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: N/A</p> <p>Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>If Yes:</p> <p>Provide name and location of facility: To be determined in NYSDEC workplan</p> <p>If No:</p> <p>Describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>

<p>u. Will proposed action adhere to Leadership in Energy and Environmental Design (LEED) or any other green building principals?</p> <p>If Yes: Describe proposed green building methods and attempted level of certification, if any:</p>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<p>v. Does the project sponsor propose the use of energy benchmarking to monitor and adjust project energy needs?</p> <p>If Yes, explain:</p>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<p>w. Will the proposed action use native plants for all landscaping needs?</p> <p>Identify species to be used and method of irrigation:</p>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<p>x. Does the proposed action promote local tourism?</p> <p>If Yes, explain:</p>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

E. Site and Setting of Proposed Action

E.1. Land Uses on and Surrounding the Project Site

a. Existing land uses (Check all uses the occur on, adjoining and near the project site): (include map)

Urban Industrial Commercial Residential Rural
Forest Agriculture Aquatic Other Specify: Municipal sewer district and Strathmore Park

If mix of uses, generally describe:

b. Land uses and cover types on the project site:

Land Use or Cover Type	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
Roads, buildings and other paved or impervious surfaces	0.1	0.1	-----
Forested			
Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0.3	0.3	-----
Agricultural (includes active orchards, fields, greenhouse, etc.)			
Surface water features (lakes, ponds, streams, rivers, etc.)			
Wetlands (freshwater or tidal)			
Non-Vegetated (bare rock, earth or fill)			
Other Describe: abandoned lagoon/recharge beds	1.0	1.0	-----
TOTAL:	1.4	1.4	-----

<p>c. Is the project site presently used by members of the community for public recreation?</p> <p>If Yes, explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<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 1,500 feet of the project site?</p> <p>If Yes, identify facilities:</p> <div style="border: 1px solid black; padding: 2px;">Strathmore Park has trails that are approximately 1,000 feet from the site</div>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>e. Does the project site contain an existing dam?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px;"> <p>Dimensions of the dam and impoundment:</p> <ul style="list-style-type: none"> - Dam height: feet - Dam length: feet - Surface area: acres - Volume impounded: gallons or acre-feet </div> <div style="border: 1px solid black; padding: 2px; margin-top: 2px;"> <p>Dam's existing hazard classification:</p> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 2px;"> <p>Provide date and summarize results of last inspection:</p> </div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<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> <div style="border: 1px solid black; padding: 2px;"> <p>Has the facility been formally closed?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If Yes, cite sources/documentation:</p> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 2px;"> <p>Describe the location of the project site relative to the boundaries of the solid waste management facility:</p> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 2px;"> <p>Describe any development constraints due to the prior solid waste activities:</p> </div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<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> <div style="border: 1px solid black; padding: 2px;"> <p>Describe waste(s) handled and waste management activities, including approximate time when activities occurred:</p> </div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

h. Has there been a reported contamination spill at the proposed project site or have any remedial actions been conducted at or adjacent to the proposed site?

If Yes:

Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? (Check all that apply)

- Yes – Spills Incidents database Provide DEC ID number(s):
 Yes – Environmental Site Remediation database Provide DEC ID number(s):
 Neither database

If site has been subject to RCRA corrective activities, describe control measures:

Yes No

Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes No

If Yes:

DEC ID number(s):

Describe current status of site(s):

E.1.h. (cont.) – only answer following if checked “Yes” above

Is the project site subject to an institutional control limiting property uses?

If Yes:

DEC site ID number(s):

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:
600 feet

b. Are there bedrock outcroppings on the project site?

If Yes:

What proportion of the site is comprised of bedrock outcroppings?
%

Yes No

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

1. Carver-Plymouth-Riverhead	100% of site
2.	% of site
3.	% of site
4.	% of site

d. What is the average depth to the water table on the project site?
100 feet

e. Drainage status of project site soils:

1.	<input type="checkbox"/> Well Drained	% of site
2.	<input checked="" type="checkbox"/> Moderately Well Drained	70% of site
3.	<input checked="" type="checkbox"/> Poorly Drained	30% of site

f. Approximate proportion of proposed action site with slopes: (include topographic map)

1.	<input checked="" type="checkbox"/> 0-10%	100% of site
2.	<input type="checkbox"/> 11-15%	% of site
3.	<input type="checkbox"/> 16% or greater	% of site

g. Are there any unique geologic features on the project site?

If Yes, describe:

Yes No

h. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)?

Yes No

i. Do any wetlands or other waterbodies adjoin the project site?

Yes No

If Yes to either E.2.h or E.2.i, continue. If No, skip to E.2.m

j. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? (include map)

Yes No

k. For each identified wetland and waterbody on the project site, provide the following information:

Streams:	Name:	Classification:
Lakes or Ponds:	Name:	Classification:
Wetlands:	Name:	Approx. Size:
Wetland No. (if regulated by DEC):		

l. Are any of the above waterbodies listed in the most recent compilation of NYS water quality-impaired waterbodies?

If Yes, name of impaired water body/bodies and basis for listing as impaired:

Yes No

m. Is the project site in a designated floodway?

Yes No

n. Is the project site in the 100 year floodplain?

Yes No

o. Is the project site in the 500 year floodplain?

Yes No

p. Is the project site located over or immediately adjoining a primary, principal or sole source aquifer?

If Yes:

Name of aquifer: Nassau/Suffolk
Source of information: USEPA

Yes No

<p>q. Identify the predominant wildlife species that occupy or use the project site:</p> <table border="1"> <tr> <td>eastern chipmunk</td> <td>eastern gray squirrel</td> <td></td> </tr> <tr> <td>suburban wildlife - geese, rabbits</td> <td></td> <td></td> </tr> </table>		eastern chipmunk	eastern gray squirrel		suburban wildlife - geese, rabbits		
eastern chipmunk	eastern gray squirrel						
suburban wildlife - geese, rabbits							
<p>r. Does the project site contain a designated significant natural community?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Describe the habitat/community (composition, function and basis for designation):</td> </tr> <tr> <td>Source(s) of description or evaluation:</td> </tr> <tr> <td>Extent of community/habitat:</td> </tr> <tr> <td>- Currently: acres</td> </tr> <tr> <td>- Following completion of project as proposed: acres</td> </tr> <tr> <td>- Gain or loss (indicate + or -): acres</td> </tr> </table>	Describe the habitat/community (composition, function and basis for designation):	Source(s) of description or evaluation:	Extent of community/habitat:	- Currently: acres	- Following completion of project as proposed: acres	- Gain or loss (indicate + or -): acres	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
Describe the habitat/community (composition, function and basis for designation):							
Source(s) of description or evaluation:							
Extent of community/habitat:							
- Currently: acres							
- Following completion of project as proposed: acres							
- Gain or loss (indicate + or -): acres							
<p>s. 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?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Species and listing (endangered or threatened):</td> </tr> <tr> <td>Nature of use of site by the species (e.g., resident, seasonal, transient):</td> </tr> </table>	Species and listing (endangered or threatened):	Nature of use of site by the species (e.g., resident, seasonal, transient):	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>				
Species and listing (endangered or threatened):							
Nature of use of site by the species (e.g., resident, seasonal, transient):							
<p>t. Does project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Species and listing:</td> </tr> <tr> <td>Nature of use of site by the species (e.g., resident, seasonal, transient):</td> </tr> </table>	Species and listing:	Nature of use of site by the species (e.g., resident, seasonal, transient):	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>				
Species and listing:							
Nature of use of site by the species (e.g., resident, seasonal, transient):							
<p>u. Is the project site or adjoining area currently used for hunting, trapping, fishing or shellfishing?</p> <p>If Yes, give a brief description of how the proposed action may affect that use:</p> <table border="1"> <tr> <td> </td> </tr> </table>		<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>					
<p>E.3. Designated Public Resources On or Near Project Site</p>							
<p>a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304?</p> <p>If Yes, provide county plus district name/number:</p> <table border="1"> <tr> <td> </td> </tr> </table>		<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>					
<p>b. Are agricultural lands consisting of highly productive soils present?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Acreage(s) on project site:</td> </tr> <tr> <td>Source(s) of soil rating(s):</td> </tr> </table>	Acreage(s) on project site:	Source(s) of soil rating(s):	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>				
Acreage(s) on project site:							
Source(s) of soil rating(s):							

<p>c. Does the project site contain all or part of, or is it substantially contiguous to a registered National Natural Landmark?</p> <p>If Yes:</p> <p>Nature of the natural landmark: <input type="checkbox"/> Biological Community; <input type="checkbox"/> Geological Feature</p> <p>Provide brief description of landmark, including values behind designation and approximate size/extent:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area, including Special Groundwater Protection Areas?</p> <p>If Yes:</p> <p>CEA name:</p> <p>Basis for designation:</p> <p>Designating agency and date:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>e. Does the project site contain, or is it substantially contiguous to, a building, archeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places?</p> <p>If Yes:</p> <p>Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site; <input type="checkbox"/> Historic Building or district</p> <p>Name:</p> <p>Brief description of attributes on which listing is based:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>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?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>g. Have additional archaeological or historic site(s) or resources been identified on the project site?</p> <p>If Yes:</p> <p>Describe possible resource(s):</p> <p>Basis for identification:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>h. Would the project site be visible from any officially designated and publicly assessable federal, state or local scenic or aesthetic resource?</p> <p>If Yes:</p> <p>Identify resource:</p> <p>Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):</p> <p>Distance between project and resource:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR Part 666?</p> <p>If Yes:</p> <p>Identify the name of the river and its designation:</p> <p>Is the activity consistent with development restrictions contained in 6 NYCRR Part 666? Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

F. Additional Information

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

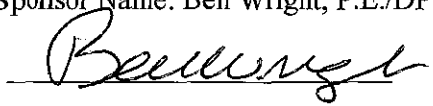
If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

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

Applicant/Sponsor Name: Ben Wright, P.E./DPW/Sewer District No. 5

Date: 3/1/17

Signature: 

Title: Principal Civil Engineer

SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
 6 NYCRR Part 617
 State Environmental Quality Review

Part 2 – Identification of Potential Project Impacts

Instructions: Part 2 is to be completed by the lead agency. It 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.

Tips for completing Part 2:

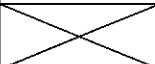
- _____ Review all of the information provided in Part 1.
- _____ Review any application, maps, supporting materials and the Full EAF Workbook.
- _____ Answer each of the 18 questions in Part 2.
- _____ If you answer “YES” to a numbered question, please complete all the questions that follow in that section.
- _____ If you answer “NO” to a numbered question, move on to the next numbered section.
- _____ 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			
The proposed action may involve construction on, or physical alteration of the land surface of the proposed site. (See Part 1.D.1)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<i>If “YES”, answer questions a-h. If “NO”, move on to Section 2.</i>			
	Relevant Part 1 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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b.	_____ The proposed actin may involve construction on slopes of 15% or greater.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c.	_____ The proposed actin may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d.	_____ The proposed action may involve the excavation and removal of more than 1,000 tons of natural	<input checked="" type="checkbox"/>	<input type="checkbox"/>

material.			
e. _____ The proposed action may involve construction that continues for more than one year or in multiple phases.	D.1.g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D.2.e D.2.q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action is, or may be, located within a Coastal Erosion hazard area.	B.ix	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:	 	<input type="checkbox"/>	<input type="checkbox"/>

2. _____ Impact on Geological Features			
The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1.E.2.g)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<i>If "YES", answer questions a-c. If "NO", move on to Section 3.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ Identify the specific land form(s):	E.2.g	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature:	E.3.c	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ Other impacts:	 	<input type="checkbox"/>	<input type="checkbox"/>

3. _____ Impact 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)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<i>If "YES", answer questions a-l. If "NO", move on to Section 4.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may create a new water body	D.1.j D.2.b	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D.2.b	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D.2.a	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E.2.h E.2.i	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by	D.2.a D.2.h	<input type="checkbox"/>	<input type="checkbox"/>


disturbing bottom sediments.			
f. _____ The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D.2.c	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D.2.e	<input type="checkbox"/>	<input type="checkbox"/>
i. _____ The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E.2.h – E.2.l	<input type="checkbox"/>	<input type="checkbox"/>
j. _____ The proposed action may involve the application of pesticides or herbicides in or around any water body.	D.2.q E.2.h – E.2.l	<input type="checkbox"/>	<input type="checkbox"/>
k. _____ The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D.1.a D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
l. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

4. _____ Impact on Groundwater The proposed action may result in new or additional use of groundwater, or may have the potential to introduce contaminants to groundwater or an aquifer. (See Part 1.D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) <i>If "YES", answer questions a-h. If "NO", move on to Section 5.</i>			
		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	Relevant Part 1 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.	D.2.c	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source:	D.2.c	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may allow or result in residential uses in areas without water and sewer services.	D.1.a D.2.c – D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may include or require wastewater discharged to groundwater.	D.2.d E.2.p	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D.2.c E.1.f – E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D.2.p E.2.p	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	D.2.q E.2.h – E.2.l E.2.p D.2.c	<input type="checkbox"/>	<input type="checkbox"/>

h. _____ Other impacts:	☒	<input type="checkbox"/>	<input type="checkbox"/>
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5. _____ Impact on Flooding The proposed action may result in development on lands subject to flooding. (See Part 1.E.2) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <i>If "YES", answer questions a-g. If "NO", move on to Section 6.</i>			
	Relevant Part 1 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.	E.2.m	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in development within a 100 year floodplain.	E.2.n	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may result in development within a 500 year floodplain.	E.2.o	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in, or require, modification of existing drainage patterns.	D.2.b D.2.e	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may change flood water flows that contribute to flooding.	D.2.b E.2.m – E.2.o	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ If there is a dam located on the site of the proposed action, the dam has failed to meet one or more safety criteria on its most recent inspection.	E.1.e	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ Other impacts:	☒	<input type="checkbox"/>	<input type="checkbox"/>

6. _____ Impact 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) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <i>If "YES", answer questions a-f. If "NO", move on to Section 7.</i>			
	Relevant Part 1 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 (CO2)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
ii. _____ More than 3.5 tons/year of nitrous oxide (N2O)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
iii. _____ More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
iv. _____ More than .045 tons/year of sulfur hexafluoride (SF6)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
v. _____ More than 1000 tons/year of carbon dioxide equivalent of hydrochlorofluorocarbons (HCFCs) emissions	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
vi. 43 tons/year or more of methane	D.2.h	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>

air pollutants.			
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.	D.2.f D.3.g	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may reach 50% of any two or more of the thresholds in “a” through “c”, above.	D.1.i D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D.2.s	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

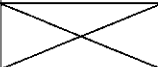
7. **Impact on Plants and Animals**
Animals
The proposed action may result in a loss of flora or fauna. YES NO
(See Part 1.E.2.q – E.2.u)
If “YES”, answer questions a-j. If “NO”, move on to Section 8.

	Relevant Part 1 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.	E.2.s	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E.2.s	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E.2.t	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E.2.t	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E.3.c	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source:	E.2.r	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E.2.q	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source:	E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
i. _____ Proposed action (commercial, industrial or recreational projects, only) involves use of	D.2.q	<input type="checkbox"/>	<input type="checkbox"/>

herbicides or pesticides.			
j. _____ Other impacts:	X	<input type="checkbox"/>	<input type="checkbox"/>

8. _____ Impact on Agricultural Resources			
The proposed action may impact agricultural resources. (See Part 1.E.3.a & E.3.b) <i>If "YES", answer questions a-h. If "NO", move on to Section 9.</i>		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	Relevant Part 1 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.	E.2.c E.3.b	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc.).	E.1.a E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E.3.b	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District or more than 10 acres if not within an Agricultural District.	E.1.b E.3.a	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may disrupt or prevent installation of an agricultural land management system.	E.1.a E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C.2.c, C.3 D.2.c, D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C.2.c	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:	X	<input type="checkbox"/>	<input type="checkbox"/>

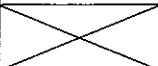
9. _____ Impact on Aesthetic Resources			
The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (See Part 1.E.1.a, E.1.b, E.3.h) <i>If "YES", answer questions a-g and complete Appendix B - Visual EAF Addendum. If "NO", move on to Section 10.</i>		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	Relevant Part 1 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.	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may	C.2.b	<input type="checkbox"/>	<input type="checkbox"/>

result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E.3.h		
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)	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
ii. Year round	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The situation or activity in which viewers are engaged while viewing the proposed action is:	E.3.h		
i. Routine travel by residents, including travel to and from work	E.2.u	<input type="checkbox"/>	<input type="checkbox"/>
ii. Recreational or tourism based activities	E.1.c	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ There are similar projects visible within the following distance of the proposed project:			
0 – ½ mile	D.1.a	<input type="checkbox"/>	<input type="checkbox"/>
½ – 3 mile	D.1.h	<input type="checkbox"/>	<input type="checkbox"/>
3 – 5 mile	D.1.i	<input type="checkbox"/>	<input type="checkbox"/>
5+ mile	E.1.a	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

10. _____ Impact on Historic and Archeological Resources

The proposed action may occur in or adjacent to an historic or archaeological resource. (See Part 1.E.3.e, E.3.f, E.3.g) YES NO

If "YES", answer questions a-e. If "NO", move on to Section 11.

	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places.	E.3.e	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E.3.f	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source:	E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>
e. _____ If any of the above (a-d) are answered "Yes", 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.	E.3.e – E.3.g	<input type="checkbox"/>	<input type="checkbox"/>

ii. The proposed action may result in the alteration of the property's setting or integrity.	E.1.a, E.1.b E.3.e – E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	C2, C3 E.3.g, E.3.h	<input type="checkbox"/>	<input type="checkbox"/>

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.u) YES NO

If "YES", answer questions a-e. If "NO", move on to Section 12.

	Relevant Part 1 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, and wildlife habitat.	D.2.e, E.1.b E.2.h – E.2.l E.2.q – E.2.t	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in the loss of a current or future recreational resource.	C.2.a, C.2.c E.1.c, E.2.u	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C.2.a, C.2.c E.1.c, E.2.u	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C.2.c, E.1.c	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ Other impacts:	XXXXXXXXXX	<input type="checkbox"/>	<input type="checkbox"/>

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) YES NO

If "YES", answer questions a-c. If "NO", move on to Section 13.


	Relevant Part 1 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.	E.3.d	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E.3.d	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ Other impacts:	XXXXXXXXXX	<input type="checkbox"/>	<input type="checkbox"/>

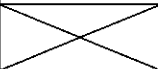
13. _____ Impact on Transportation

The proposed action may result in a change to existing transportation systems. (See Part 1.D.2.j) YES NO

If "YES", answer questions a-f. If "NO", move on to Section 14.

	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ Projected traffic increase	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>

	may exceed capacity of existing road network.			
b.	_____ The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c.	_____ The proposed action will degrade existing transit access.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d.	_____ The proposed action will degrade existing pedestrian or bicycle accommodations.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e.	The proposed action may alter the present pattern of movement of people or goods.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f.	_____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

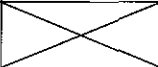
14. _____ Impact on Energy				
The proposed action may cause an increase in the use of any form of energy (See Part 1.D.2.k)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
<i>If "YES", answer questions a-e. If "NO", move on to Section 15.</i>				
		Relevant Part 1 Question(s)	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.	D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
b.	_____ The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D.1.h D.1.i D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
c.	_____ The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
d.	The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D.1.i	<input type="checkbox"/>	<input type="checkbox"/>
e.	_____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>


15. _____ Impact on Noise, Odor and Light				
The proposed action may result in an increase in noise, odors or outdoor lighting (See Part 1.D.2.m, D.2.n, D.2.o)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
<i>If "YES", answer questions a-f. If "NO", move on to Section 16.</i>				
		Relevant Part 1 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.	D.2.m	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b.	_____ The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D.2.m E.1.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c.	_____ The proposed action may result in routine odors for more than one hour per day.	D.2.o	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d.	_____ The proposed action may result in light shining onto adjoining properties.	D.2.n	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e.	The proposed action may result in lighting that creates sky-glow brighter than existing-area conditions.	D.2.n E.1.a	<input checked="" type="checkbox"/>	<input type="checkbox"/>

f. _____ Other impacts:	_____	<input type="checkbox"/>	<input type="checkbox"/>
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16. _____ Impact on Human Health The proposed action may have an impact on human health from exposure to new or existing sources of contaminants (See Part 1.D.2.q, E.1.d, E.1.f, E.1.g, E.1.h) If "YES", answer questions a-m. If "NO", move on to Section 17.			
		YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>
	Relevant Part 1 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.	E.1.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The site of the proposed action is currently undergoing remediation.	E.1.g, E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ There is a completed emergency spill remediation or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E.1.g E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The site of the action is subject to an institutional control limiting the use of the property (e.g. easement, deed restriction)	E.1.g E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E.1.g E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D.2.t	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action involves construction or modification of a solid waste management facility.	D.2.q E.1.f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. _____ The proposed action may result in the unearthing of solid or hazardous waste.	D.2.q E.1.f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. _____ The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D.2.r D.2.s	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j. _____ The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E.1.f – E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
k. _____ The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E.1.f E.1.g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
l. The proposed action may result in the release of contaminated leachate from the project site.	D.2.r, D.2.s E.1.f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
m. _____ Other impacts:	_____	<input type="checkbox"/>	<input type="checkbox"/>

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

	Relevant Part 1 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).	C.2, C.3, D.1.a, E.1.a, E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C.2	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action is inconsistent with local land use plans or zoning regulations.	C.2, C.3	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action is inconsistent with any County plans, or other regional land use plans.	C.2	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C.3 D.1.e, D.1.f, D.1.h, E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C.4, D.2.c, D.2.d, D.2.j	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C.2.a	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

18. _____ Consistency with Community Character The proposed action is inconsistent with the existing community character (See Part 1.C.2, C.3, D.2, E.3) <i>If "YES", answer questions a-g. If "NO", move on to Part 3.</i>			
	Relevant Part 1 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.	E.3.e, E.3.f, E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C.4	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C.2, C.3, D.1.h, D.1.i, E.1.a	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C.2, E.3	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action is inconsistent with the predominant architectural scale and character.	C.2, C.3	<input type="checkbox"/>	<input type="checkbox"/>
f. Proposed action is inconsistent with the character of the existing natural landscape.	C.2, C.3, E.1.a, E.1.b, E.2.g – E.2.l	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
6 NYCRR Part 617
State Environmental Quality Review

**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.

**Determination of Significance
Type 1 and Unlisted Actions**

SEQR Status: Type I 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 _____ as lead agency that:

- A. This project will result in no significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.
- B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency:

There will, therefore, be no significant adverse impacts from the project as conditioned, and therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.7(d)).
- C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.

Name of Action:
 Name of Lead Agency:
 Name of Responsible Officer in Lead Agency:
 Title of Responsible Officer in Lead Agency:
 Signature of Responsible Officer in Lead Agency: _____ Date: _____
 Signature of Preparer (if different from Responsible Officer) _____ Date: _____

For Further Information:
 Contact Person:
 Address:
 Telephone Number:
 Email:

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 (Town/City/Village)
 Other involved agencies (if any)
 Applicant (if any)
 Environmental Notice Bulletin: <http://www.dec.ny.gov/enb/enb.html>

COUNTY OF SUFFOLK



STEVEN BELLONE
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF PUBLIC WORKS

DARNELL TYSON, P.E.
DEPUTY COMMISSIONER

GILBERT ANDERSON, P.E.
COMMISSIONER

THOMAS G. VAUGHN
DEPUTY COMMISSIONER

M E M O R A N D U M

TO: Lawrence Swanson, Chairperson
Council on Environmental Quality

FROM: Ben Wright, P.E., Principal Civil Engineer

SUBJECT: **SCSD #6 - Kings Park**
Rerouting & Pump Station Expansion CP 8144

DATE: March 1, 2017

Please find attached 15 copies of the Full Environmental Assessment Form for the referenced project. The project involves construction of approximately 2,000 feet of gravity sewer line and 3,000 feet of force main along with the expansion of a sewage pumping station within its original site. The intent of the project is to minimize responsibilities of Suffolk County Sewer District No. 6 - Kings Park of the operation and maintenance of the sewer system on the Kings Park Psychiatric Center site and provide more efficient conveyance of sewage from the existing service area to the wastewater treatment facility. The expansion of the pumping station will take place on the current site which is approximately 100 feet by 40 feet.

We appreciate the project being placed on the March 15th agenda of CEQ.

Thank you for your assistance.

BW/ni

Attachment

cc: John Corral, Planner CEQ
John Donovan, P.E., Chief Engineer
Janice McGovern, P.E., Principal Civil Engineer

H:\SANITATION\Sewer-districts\sd06 - Kings Park\2017\bw3-1-17 sd6 Kings Park CP 8144 memo to LSwanson.doc

SUFFOLK COUNTY IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

**SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM**

6 NYCRR Part 617
State Environmental Quality Review

Part 1 – Environment and Setting

Instructions: Part 1 is to be completed by the applicant or project sponsor. 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. If a question is not applicable to the proposed project indicate with “N/A”.

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 is “Yes”, complete the sub-questions that follow. If the answer to the initial question is “No”, proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Sponsor Information

Name of Action/Project: Improvements to Suffolk County Sewer District No. 6 - Kings Park
Project Location (specify Town, Village, Hamlet and attach general location map*): Kings Park - refer to project map and description attached
Street Address: 87 Mariner Road, Kings Park (WWTP site), sewers on Old Dock Road, force main on St. Johnland Road
Name of Property or Waterway: Suffolk County SD #6 including connecting sewers in roadways

* Maps of Property and Project: Attach relevant available maps including a location map (note: use road map, Hagstrom Atlas, USGS topography map, tax map or equivalent) and preliminary site plans showing orientation, scale, buildings, roads, landmarks, drainage systems, area to be altered by project, etc.

Type of Project: New Expansion

Capital Program: Item # 8144 Date Adopted: to be adopted in 2017 and 2018 Amount:
\$5,000,000

Brief Description of Proposed Action (include purpose or need/attach relevant design reports, plans, etc.): The project involves construction of approximately 2,000 feet of gravity sewer line and 3,000 feet of force main along with the expansion of a sewage pumping station. The intent of the project is to minimize responsibilities of Suffolk County Sewer District No. 6 - Kings Park of the operation and maintenance of the sewer system on the Kings Park Psychiatric Center site and provide more efficient conveyance of sewage from the existing service area to the wastewater treatment facility. The expansion of the pumping station is due to the relocation of the gravity sewer on Old Dock Road discharging to the station. The pump station work will take place on the current site which is approximately 100 feet by 40 feet. Refer to attached photographs.

Project Status:

	Start	Completion
Proposal		
Study		
Preliminary Planning	10/2016	8/2017
Final Plans: Specs	12/2017	9/2018
Site Acquisition		
Construction	3/2019	12/2019
Other		

Departments Involved:

Dept. Performing Design & Construction

Initiating Dept. (if different)

Name:	SCDPW Sanitation Division	
Street/PO:	335 Yaphank Avenue	
City, State:	Yaphank, NY	
Zip:	11980	
Contact Person:	John Donovan	
Business Phone:	631-852-4204	
Email:	john.donovan@suffolkcountyny.com	

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)
<i>i.</i> City Council, Town Board or Village Board of Trustees	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Town of Smithtown road opening permit	3/18 projected
<i>ii.</i> City, Town or Village Planning Board or Commission	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
<i>iii.</i> City, Town or Village Zoning Board of Appeals	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
<i>iv.</i> Other local agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
<i>v.</i> County agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	SC CEQ and Legislature	3/2017 - 4/2018 projected

vi.	Regional agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>									
vii.	State agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NYS OMH	1/2018 projected							
viii.	Federal agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>									
ix.	Coastal Resources Is the project site within a Coastal Area or the waterfront area of a Designated Inland Waterway? If YES, <table border="1" style="width: 100%;"> <tr> <td>Is the project site located in a community with an approved Local Waterfront Revitalization Program?</td> <td>Yes <input type="checkbox"/></td> <td>No <input type="checkbox"/></td> </tr> <tr> <td>Is the project site within a Coastal Erosion Hazard Area?</td> <td>Yes <input type="checkbox"/></td> <td>No <input type="checkbox"/></td> </tr> </table>				Is the project site located in a community with an approved Local Waterfront Revitalization Program?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Is the project site within a Coastal Erosion Hazard Area?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Is the project site located in a community with an approved Local Waterfront Revitalization Program?	Yes <input type="checkbox"/>	No <input type="checkbox"/>										
Is the project site within a Coastal Erosion Hazard Area?	Yes <input type="checkbox"/>	No <input type="checkbox"/>										

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 <input type="checkbox"/> No <input checked="" type="checkbox"/>					
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? If Yes: <table border="1" style="width: 100%;"> <tr> <td>Does the comprehensive plan include specific recommendations for the site where the proposed action would be located?</td> <td>Yes <input type="checkbox"/></td> <td>No <input checked="" type="checkbox"/></td> </tr> <tr> <td>Yes <input type="checkbox"/></td> <td>No <input type="checkbox"/></td> </tr> </table>	Does the comprehensive plan include specific recommendations for the site where the proposed action would be located?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Does the comprehensive plan include specific recommendations for the site where the proposed action would be located?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>				
Yes <input type="checkbox"/>	No <input type="checkbox"/>					
b. Is the site of the proposed action within any local or regional special planning district (i.e. Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; et. al)? If Yes, identify the plan(s): <input type="text"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
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? If Yes, identify the plan(s): <input type="text"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
C.3. Zoning						
a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance? If Yes, what is the zoning classification(s) including any applicable overlay district? <input type="text"/> Kings Park Psychiatric Center property is adjacent	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
b. Is the use permitted or allowed by a special or conditional use permit?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
c. Is a zoning change requested as part of the proposed action?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					

If Yes, what is the proposed new zoning for the site?

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C.4. Existing Community Services

a. In what school district is the project site located? Kings Park

b. What police or other public protection forces serve the project site? Suffolk County Police, Smithtown Public Safety

c. Which fire protection and emergency medical services serve the project site? Volunteer fire department and Ambulance Corp.

d. What parks serve the project site? none

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action? (if mixed, include all components)

Residential ; Industrial ; Commercial ; Recreational ; Other : Municipal sewage pumping and sewers

b. Total acreage of the site of the proposed action:

less than 1.5
acres

c. Total acreage to be physically disturbed:

less than 1.5
acres

d. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor:

less than 0.2
acres

e. Is the proposed action an expansion of an existing project or use?

If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet, etc.)?

--

Yes No

f. Is the proposed action a subdivision, or does it include a subdivision?

If Yes:

i. Purpose or type of subdivision? (if mixed, specify types)

Residential ; Industrial ; Commercial ; Recreational ; Other

Yes No

ii.

Is a cluster/conservation layout proposed?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Number of lots proposed:	
Minimum and maximum proposed lot sizes:	

g. Will proposed action be constructed in multiple phases?

If No, What is the anticipated period of construction?
9 months, projected March 2019 to December 2019

If Yes:

Total number of phases anticipated:

Anticipated commencement date of phase I.(including demolition):

Anticipated completion date of final phase:

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

Yes No

h. Does the project include new residential uses?

If Yes, show number of units proposed.

	Single Family	Two Family	Three Family	Multi-Family (4+)
Initial Phase				
At Completion				

Yes No

i. Does the proposed action include new non-residential construction (including expansions)?

If Yes:

Total Number of Structures: pumping station control building and wet well on existing site

Dimensions of largest proposed structure: 15 feet x 20 feet

Approximate extent of building space to be heated or cooled: 3,000 cubic feet

Yes No

<p>Will there be onsite dewatering or processing of excavated materials? If Yes, describe: Minimal, possible at lower level of pump station wet well</p> <p>What is the total area to be dredged or excavated? approximately 50,000 sf (pump station site,) sewer and force main</p> <p>What is the maximum area to be worked at any one time? approximately 2,000 sf</p> <p>What would be the maximum depth of excavation or dredging? sewers/forcemain approximately 7 feet, wet well 20 feet</p> <p>Will the excavation require blasting? no</p> <p>Summarize site reclamation goals and plans: material not used for backfill will be properly/legally disposed of</p>	
<p>b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, water body, shoreline, beach or adjacent area?</p> <p>If Yes:</p> <p>Identify the wetland or water body which would be affected (by name, water index number, wetland map number or geographic description):</p> <p>Describe how the proposed action would affect that water body or wetland, e.g. excavation, fill, placement of structures or creation of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:</p> <p>Will proposed action cause or result in disturbance to bottom sediments? If Yes, describe:</p> <p>Will proposed action cause or result in the destruction or removal of aquatic vegetation?</p> <p>If Yes:</p> <p>Area of vegetation proposed to be removed:</p> <p>Expected acreage of aquatic vegetation remaining after project completion:</p> <p>Purpose of proposed removal (e.g., beach clearing, invasive control, boat access):</p> <p>Proposed method of plant removal:</p> <p>If chemical/herbicide treatment will be used, specify product(s):</p> <p>Describe any proposed reclamation/mitigation following disturbance:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

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

If Yes:

Total anticipated water usage/demand per day:

Will the proposed action obtain water from an existing public water supply?

If Yes:

Name of district/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

Will line extension within an existing district be necessary to supply the project?

If Yes:

Describe extensions or capacity expansions proposed to serve this project:

Source(s) of supply for the district:

Yes No

Is a new water supply district or service area proposed to be formed to serve the project site?

If Yes:

Applicant/sponsor for new district:

Date application submitted or anticipated:

Proposed source(s) of supply for new district:

If a public water supply will not be used, describe plans to provide water supply for the project:

If water supply will be from wells (public or private), what will be the maximum pumping capacity?

d. Will the proposed action generate liquid wastes?

If Yes:

Total anticipated liquid waste generation per day:

Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each):

If sanitary wastewater identify proposed disinfection technology and treatment goals for the following:

- Disinfection technology:
- Nitrogen:
- Phosphorus:
- Total Suspended Solids (TSS):
- Biological Oxygen Demand (BOD):

Will the proposed action use any existing public wastewater treatment facilities?

If Yes:

Name of wastewater treatment plant to be used:

Name of district:

Does the existing wastewater treatment plant have capacity to serve the project?

Yes No

Is the project site in the existing district?

Yes No

Is expansion of the district needed?

Yes No

Do existing sewer lines serve the project site?

Yes No

Will line extension within an existing district be necessary to serve the project?

If Yes:

Describe extensions or capacity expansions proposed to serve this project:

Will a new wastewater (sewage) treatment district be formed to serve the project site?

If Yes:

Applicant/Sponsor for new district:

Date application submitted or anticipated:

What is the receiving water for the wastewater discharge?

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):

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

Yes No

<p>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?</p> <p>If Yes:</p> <p>How much impervious surface will the project create in relation to total size of project parcel? Area of Impervious Surface: Area of Parcel:</p> <p>Describe types of new point sources:</p> <p>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)?</p> <p>If to surface waters, identify receiving water bodies or wetlands:</p> <p>Will stormwater runoff flow to adjacent properties? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Does proposed plan minimize impervious surfaces use pervious materials or collect and re-use stormwater? Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>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?</p> <p>If Yes, identify:</p> <p>Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles): Payloaders, excavators, trucks during construction</p> <p>Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers):</p> <p>Stationary sources during operations (e.g., process emissions, large boilers, electric generation):</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>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?</p> <p>If Yes:</p> <p>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 <input type="checkbox"/> No <input type="checkbox"/></p> <p>In addition to emissions as calculated in the application, the project will generate:</p> <ul style="list-style-type: none"> - Tons/year (metric) of Carbon Dioxide (CO₂) - Tons/year (metric) of Nitrous Oxide (N₂O) - Tons/year (metric) of Perfluorocarbons (PFCs) - Tons/year (metric) of Sulfur Hexafluoride (SF₆) - Tons/year (metric) of Carbon Dioxide equivalent of Hydroflorocarbons (HFCS) - Tons/year (metric) of Hazardous Air Pollutants (HAPs) 	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

<p>h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?</p> <p>If Yes:</p> <p>Estimate methane generation in tons/year (metric):</p> <p>Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>i. Will the proposed action result in the release of air pollutants from open-air operations or processes such as quarry or landfill operations?</p> <p>If Yes, describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>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?</p> <p>If Yes:</p> <p>When is the peak traffic expected? (check all that apply)</p> <p>Morning <input type="checkbox"/>; Evening <input type="checkbox"/>; Weekend <input type="checkbox"/>; Randomly <input type="checkbox"/> between the hours of _____ to _____</p> <p>For commercial activities only, projected number of semi-trailer truck trips/day:</p> <p>Parking spaces: Existing: _____ Proposed: _____ Net Increase/Decrease: _____</p> <p>Does the proposed action include any shared use parking? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:</p> <p>Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy?</p> <p>If Yes:</p> <p>Estimate annual electricity demand during operation of the proposed action: less than 15,000 kwh/year</p> <p>Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility or other): existing service to pump station site</p> <p>Will the proposed action require a new, or an upgrade to, an existing substation? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>

<p>l. Hours of operation (Answer all items which apply)</p> <table border="1"> <thead> <tr> <th data-bbox="162 96 747 130">During Construction</th> <th data-bbox="747 96 1305 130">During Operations</th> </tr> </thead> <tbody> <tr> <td data-bbox="162 130 747 163">Monday-Friday: 8:00am - 4:00pm</td> <td data-bbox="747 130 1305 163">Monday-Friday: 24 hours/day</td> </tr> <tr> <td data-bbox="162 163 747 197">Saturday:</td> <td data-bbox="747 163 1305 197">Saturday: 24 hours/day</td> </tr> <tr> <td data-bbox="162 197 747 231">Sunday:</td> <td data-bbox="747 197 1305 231">Sunday: 24 hours/day</td> </tr> <tr> <td data-bbox="162 231 747 264">Holidays:</td> <td data-bbox="747 231 1305 264">Holidays: 24 hours/day</td> </tr> </tbody> </table>	During Construction	During Operations	Monday-Friday: 8:00am - 4:00pm	Monday-Friday: 24 hours/day	Saturday:	Saturday: 24 hours/day	Sunday:	Sunday: 24 hours/day	Holidays:	Holidays: 24 hours/day	<p>N/A <input type="checkbox"/></p>
During Construction	During Operations										
Monday-Friday: 8:00am - 4:00pm	Monday-Friday: 24 hours/day										
Saturday:	Saturday: 24 hours/day										
Sunday:	Sunday: 24 hours/day										
Holidays:	Holidays: 24 hours/day										
<p>m. Does the proposed action produce noise that will exceed existing ambient noise levels during construction, operation or both?</p> <p>If Yes:</p> <table border="1"> <tr> <td data-bbox="162 441 1305 508">Provide details including sources, time of day and duration:</td> </tr> <tr> <td data-bbox="162 508 1305 613">Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:</td> </tr> </table>	Provide details including sources, time of day and duration:	Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>								
Provide details including sources, time of day and duration:											
Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:											
<p>n. Will the proposed action have outdoor lighting?</p> <p>If Yes:</p> <table border="1"> <tr> <td data-bbox="162 747 1305 814">Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:</td> </tr> <tr> <td data-bbox="162 814 1305 882">Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:</td> </tr> </table>	Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:	Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>								
Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:											
Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:											
<p>o. Does the proposed action have the potential to produce odors for more than one hour per day?</p> <p>If Yes:</p> <table border="1"> <tr> <td data-bbox="162 1020 1305 1087">Describe possible sources, potential frequency and duration of odor emissions and proximity to nearest occupied structures:</td> </tr> </table>	Describe possible sources, potential frequency and duration of odor emissions and proximity to nearest occupied structures:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>									
Describe possible sources, potential frequency and duration of odor emissions and proximity to nearest occupied structures:											
<p>p. Will the proposed action include any bulk storage of petroleum (over 1,100 gallons) or chemical products (over 550 gallons)?</p> <p>If Yes:</p> <table border="1"> <tr> <td data-bbox="162 1260 1305 1327">Product(s) to be stored:</td> </tr> <tr> <td data-bbox="162 1327 1305 1394">Volume(s): per unit time: (e.g., month, year)</td> </tr> <tr> <td data-bbox="162 1394 1305 1461">Generally describe proposed storage facilities:</td> </tr> </table>	Product(s) to be stored:	Volume(s): per unit time: (e.g., month, year)	Generally describe proposed storage facilities:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>							
Product(s) to be stored:											
Volume(s): per unit time: (e.g., month, year)											
Generally describe proposed storage facilities:											
<p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation?</p> <p>If Yes:</p> <table border="1"> <tr> <td data-bbox="162 1633 1305 1701">Describe proposed treatment(s):</td> </tr> <tr> <td data-bbox="162 1701 1305 1768">Will the proposed action use Integrated Pest Management Practices? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	Describe proposed treatment(s):	Will the proposed action use Integrated Pest Management Practices? Yes <input type="checkbox"/> No <input type="checkbox"/>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>								
Describe proposed treatment(s):											
Will the proposed action use Integrated Pest Management Practices? Yes <input type="checkbox"/> No <input type="checkbox"/>											

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)?

If Yes:

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)

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

Construction:

Operation:

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

Construction:

Operation:

Yes No

s. Does the proposed action include construction or modification of a solid waste management facility?

If Yes:

Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill or other disposal activities):

Anticipated rate of disposal/processing:

tons/month, if transfer or other non-combustion/thermal treatment, or

tons/hour, if combustion or thermal treatment

If landfill, anticipated site life: years

Yes No

t. Will proposed action at the site involve the commercial generation, treatment, storage or disposal of hazardous waste?

If Yes:

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

Generally describe processes or activities involving hazardous wastes or constituents:

Specify amount to be handled or generated:
tons/month

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

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:

Yes No

<p>u. Will proposed action adhere to Leadership in Energy and Environmental Design (LEED) or any other green building principals?</p> <p>If Yes: Describe proposed green building methods and attempted level of certification, if any: Pumps will be controlled by VFD's</p>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<p>v. Does the project sponsor propose the use of energy benchmarking to monitor and adjust project energy needs?</p> <p>If Yes, explain: </p>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<p>w. Will the proposed action use native plants for all landscaping needs?</p> <p>Identify species to be used and method of irrigation: </p>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<p>x. Does the proposed action promote local tourism?</p> <p>If Yes, explain: </p>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

E. Site and Setting of Proposed Action

E.1. Land Uses on and Surrounding the Project Site	
<p>a. Existing land uses (Check all uses the occur on, adjoining and near the project site): (include map)</p> <p>Urban <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input type="checkbox"/> Rural <input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other <input checked="" type="checkbox"/> Specify: Institutional</p> <p>If mix of uses, generally describe: Kings Park Psychiatric Center Hospital site, St. Johnland Nursing Home and one restaurant/bar</p>	

b. Land uses and cover types on the project site:

Land Use or Cover Type	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
Roads, buildings and other paved or impervious surfaces	apx 1.5	apx 1.5	0
Forested			
Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
Agricultural (includes active orchards, fields, greenhouse, etc.)			
Surface water features (lakes, ponds, streams, rivers, etc.)			
Wetlands (freshwater or tidal)			
Non-Vegetated (bare rock, earth or fill)			
Other Describe:			
TOTAL:	apx. 1.5	apx. 1.5	0

c. Is the project site presently used by members of the community for public recreation?

If Yes, explain:

Yes No

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers or group homes) within 1,500 feet of the project site?

If Yes, identify facilities:

soccer field/park off roadway on St. Johnland Road where force main will be installed (Highlanders Field)

Yes No

e. Does the project site contain an existing dam?

If Yes:

Dimensions of the dam and impoundment:

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

Dam's existing hazard classification:

Provide date and summarize results of last inspection:

Yes 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> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> Has the facility been formally closed? Yes <input type="checkbox"/> No <input type="checkbox"/> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> If Yes, cite sources/documentation: </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> Describe the location of the project site relative to the boundaries of the solid waste management facility: </div> <div style="border: 1px solid black; padding: 2px;"> Describe any development constraints due to the prior solid waste activities: </div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<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> <div style="border: 1px solid black; padding: 2px;"> Describe waste(s) handled and waste management activities, including approximate time when activities occurred: </div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<p>h. Has there been a reported contamination 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> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? (Check all that apply) </div> <div style="display: flex; justify-content: space-between; margin-bottom: 2px;"> <div style="border: 1px solid black; padding: 2px; width: 45%;"> <input type="checkbox"/> Yes – Spills Incidents database </div> <div style="border: 1px solid black; padding: 2px; width: 45%;"> Provide DEC ID number(s): </div> </div> <div style="display: flex; justify-content: space-between; margin-bottom: 2px;"> <div style="border: 1px solid black; padding: 2px; width: 45%;"> <input type="checkbox"/> Yes – Environmental Site Remediation database </div> <div style="border: 1px solid black; padding: 2px; width: 45%;"> Provide DEC ID number(s): </div> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> <input type="checkbox"/> Neither database </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> If site has been subject to RCRA corrective activities, describe control measures: </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes <input type="checkbox"/> No <input type="checkbox"/> </div> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 2px;"> DEC ID number(s): </div> <div style="border: 1px solid black; padding: 2px;"> Describe current status of site(s): </div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<p>E.1.h. (cont.) – only answer following if checked “Yes” above</p>	

Is the project site subject to an institutional control limiting property uses?

If Yes:

DEC site ID number(s):

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:
greater than 700 feet

b. Are there bedrock outcroppings on the project site?

If Yes:

What proportion of the site is comprised of bedrock outcroppings?
%

Yes No

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

1. Riverhead Sandy Loam	25% of site
2. Plymouth Loamy Sands	40% of site
3. Plymouth Sands	25% of site
4. Haven Loam	10% of site

d. What is the average depth to the water table on the project site?
10-15 feet

e. Drainage status of project site soils:

1. <input type="checkbox"/> Well Drained	% of site
2. <input checked="" type="checkbox"/> Moderately Well Drained	100% of site
3. <input type="checkbox"/> Poorly Drained	% of site

f. Approximate proportion of proposed action site with slopes: (include topographic map)

1. <input checked="" type="checkbox"/> 0-10%	100% of site
2. <input type="checkbox"/> 11-15%	% of site
3. <input type="checkbox"/> 16% or greater	% of site

g. Are there any unique geologic features on the project site?

If Yes, describe:

Yes No

h. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
i. Do any wetlands or other waterbodies adjoin the project site?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
If Yes to either E.2.h or E.2.i, continue. If No, skip to E.2.m		
j. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? (include map)	Yes <input type="checkbox"/> No <input type="checkbox"/>	
k. For each identified wetland and waterbody on the project site, provide the following information:		
Streams:	Name:	Classification:
Lakes or Ponds:	Name:	Classification:
Wetlands:	Name:	Approx. Size:
Wetland No. (if regulated by DEC):		
l. Are any of the above waterbodies listed in the most recent compilation of NYS water quality-impaired waterbodies? If Yes, name of impaired water body/bodies and basis for listing as impaired: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Yes <input type="checkbox"/> No <input type="checkbox"/>	
m. Is the project site in a designated floodway?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
n. Is the project site in the 100 year floodplain?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
o. Is the project site in the 500 year floodplain?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
p. Is the project site located over or immediately adjoining a primary, principal or sole source aquifer? If Yes: Name of aquifer: Nassau - Suffolk Source of information: USEPA	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
q. Identify the predominant wildlife species that occupy or use the project site:		
Since the project is in a road or shoulder of a road, wildlife species would not occupy these areas		
r. Does the project site contain a designated significant natural community? If Yes: Describe the habitat/community (composition, function and basis for designation): Low salt marsh, maritime dunes Source(s) of description or evaluation: All work in street rights-of-way with any community greater than 500 feet away Extent of community/habitat: - Currently: acres - Following completion of project as proposed: acres - Gain or loss (indicate + or -): acres	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

<p>s. 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?</p> <p>If Yes:</p> <p>Species and listing (endangered or threatened):</p> <p>Nature of use of site by the species (e.g., resident, seasonal, transient):</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>t. Does project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern?</p> <p>If Yes:</p> <p>Species and listing:</p> <p>Nature of use of site by the species (e.g., resident, seasonal, transient):</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>u. Is the project site or adjoining area currently used for hunting, trapping, fishing or shellfishing?</p> <p>If Yes, give a brief description of how the proposed action may affect that use:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>E.3. Designated Public Resources On or Near Project Site</p>	
<p>a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304?</p> <p>If Yes, provide county plus district name/number:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>b. Are agricultural lands consisting of highly productive soils present?</p> <p>If Yes:</p> <p>Acreage(s) on project site:</p> <p>Source(s) of soil rating(s):</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>c. Does the project site contain all or part of, or is it substantially contiguous to a registered National Natural Landmark?</p> <p>If Yes:</p> <p>Nature of the natural landmark:</p> <p><input type="checkbox"/> Biological Community; <input type="checkbox"/> Geological Feature</p> <p>Provide brief description of landmark, including values behind designation and approximate size/extent:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area, including Special Groundwater Protection Areas?</p> <p>If Yes:</p> <p>CEA name:</p> <p>Basis for designation:</p> <p>Designating agency and date:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

<p>e. Does the project site contain, or is it substantially contiguous to, a building, archeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places?</p> <p>If Yes:</p> <p>Nature of historic/archaeological resource: <input type="checkbox"/> Archeological Site; <input checked="" type="checkbox"/> Historic Building or district</p> <p>Name: Obadiah Smith House</p> <p>Brief description of attributes on which listing is based: Although not substantially contiguous, the Obadiah Smith House, 96NR01061 is located approximately 1,000 feet to the east of the project work on St. Johnland Road</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>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?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>g. Have additional archaeological or historic site(s) or resources been identified on the project site?</p> <p>If Yes:</p> <p>Describe possible resource(s):</p> <p>Basis for identification:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>h. Would the project site be visible from any officially designated and publicly assessable federal, state or local scenic or aesthetic resource?</p> <p>If Yes:</p> <p>Identify resource:</p> <p>Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):</p> <p>Distance between project and resource:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR Part 666?</p> <p>If Yes:</p> <p>Identify the name of the river and its designation:</p> <p>Is the activity consistent with development restrictions contained in 6 NYCRR Part 666? Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

F. Additional Information

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

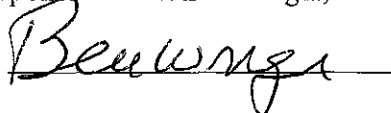
If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

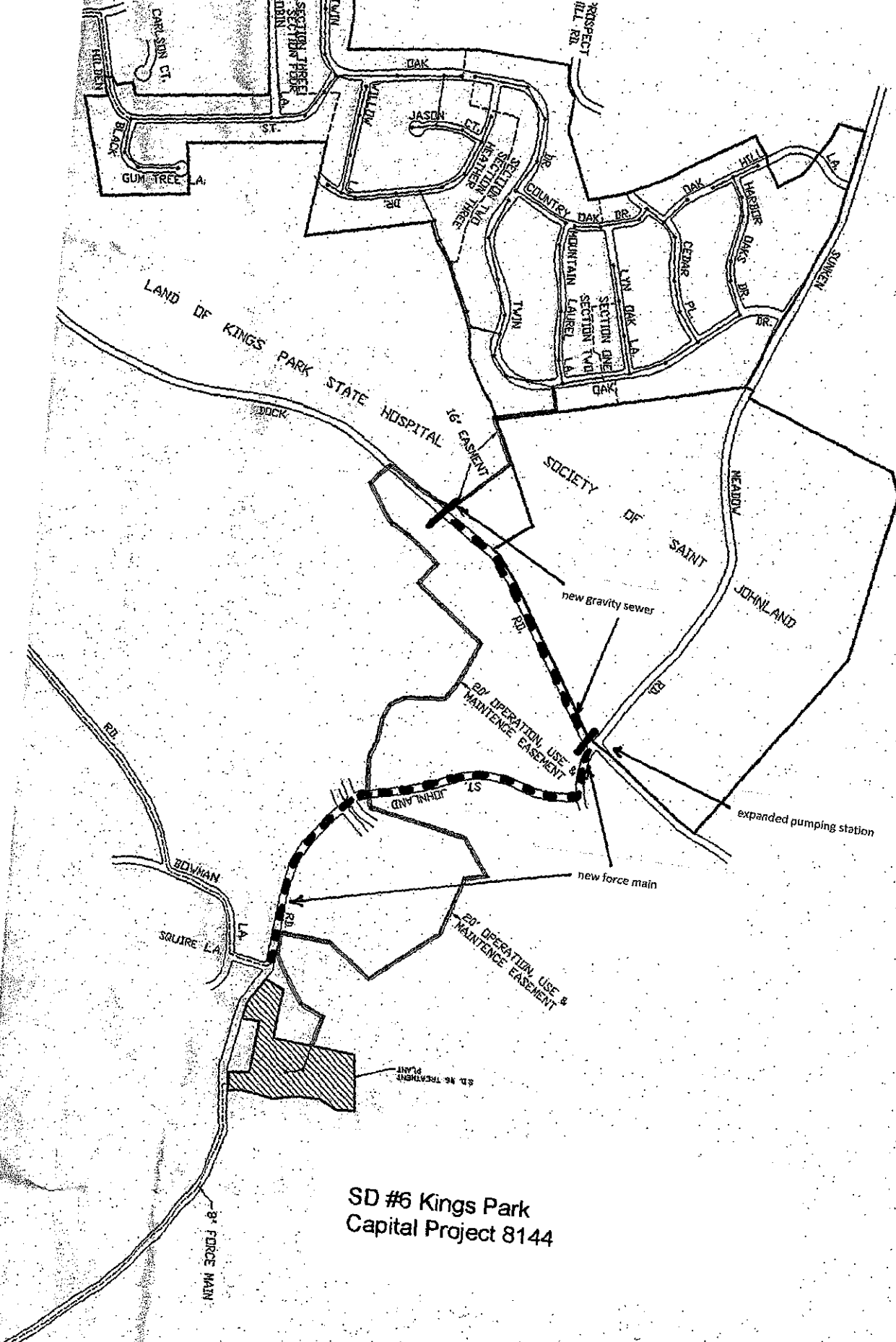
I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name: Ben Wright, P.E./DPW/Sewer District No. 6

Date: 3/1/17

Signature: 

Title: Principal Civil Engineer

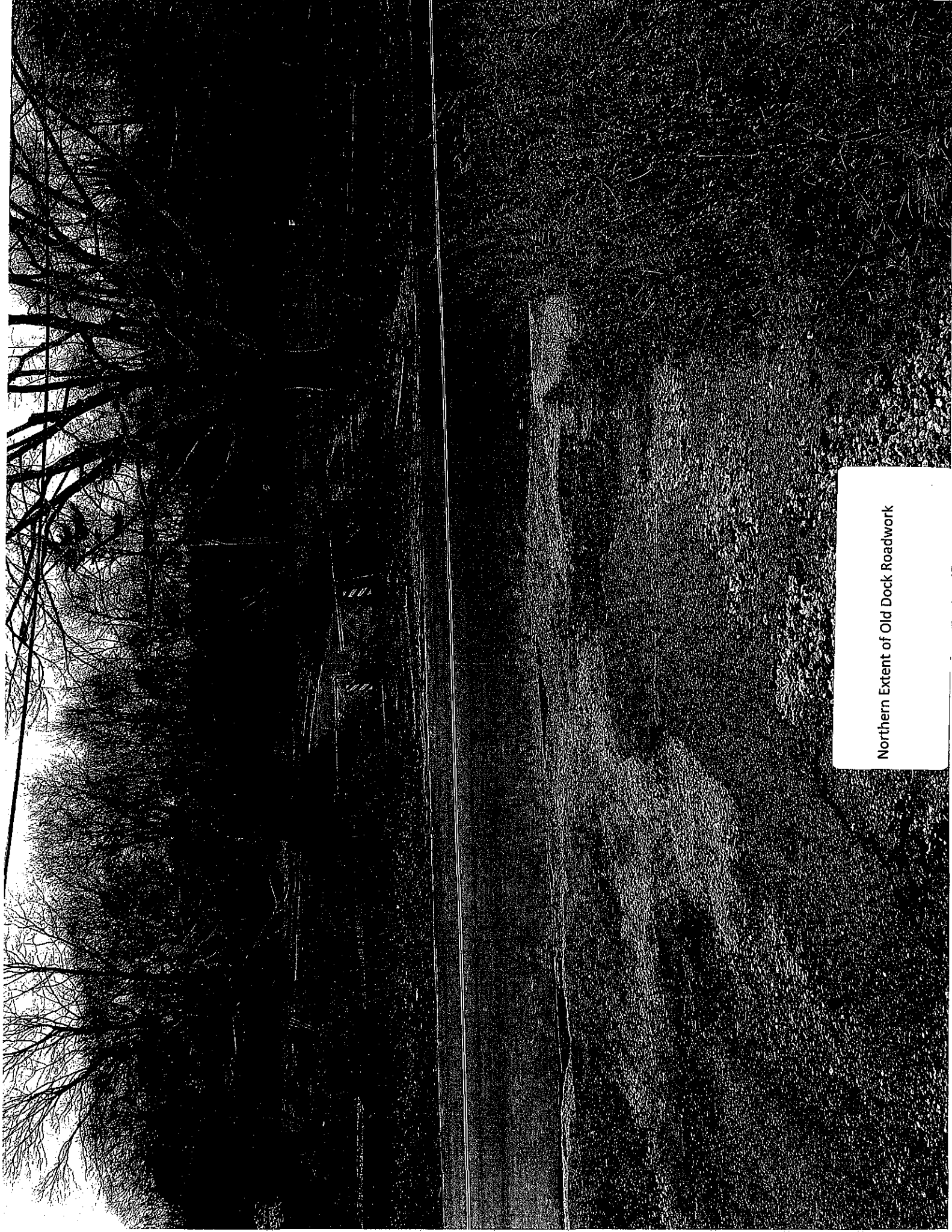


SD #6 Kings Park
Capital Project 8144

Sewer District No. 6 – Kings Park

Project Approach

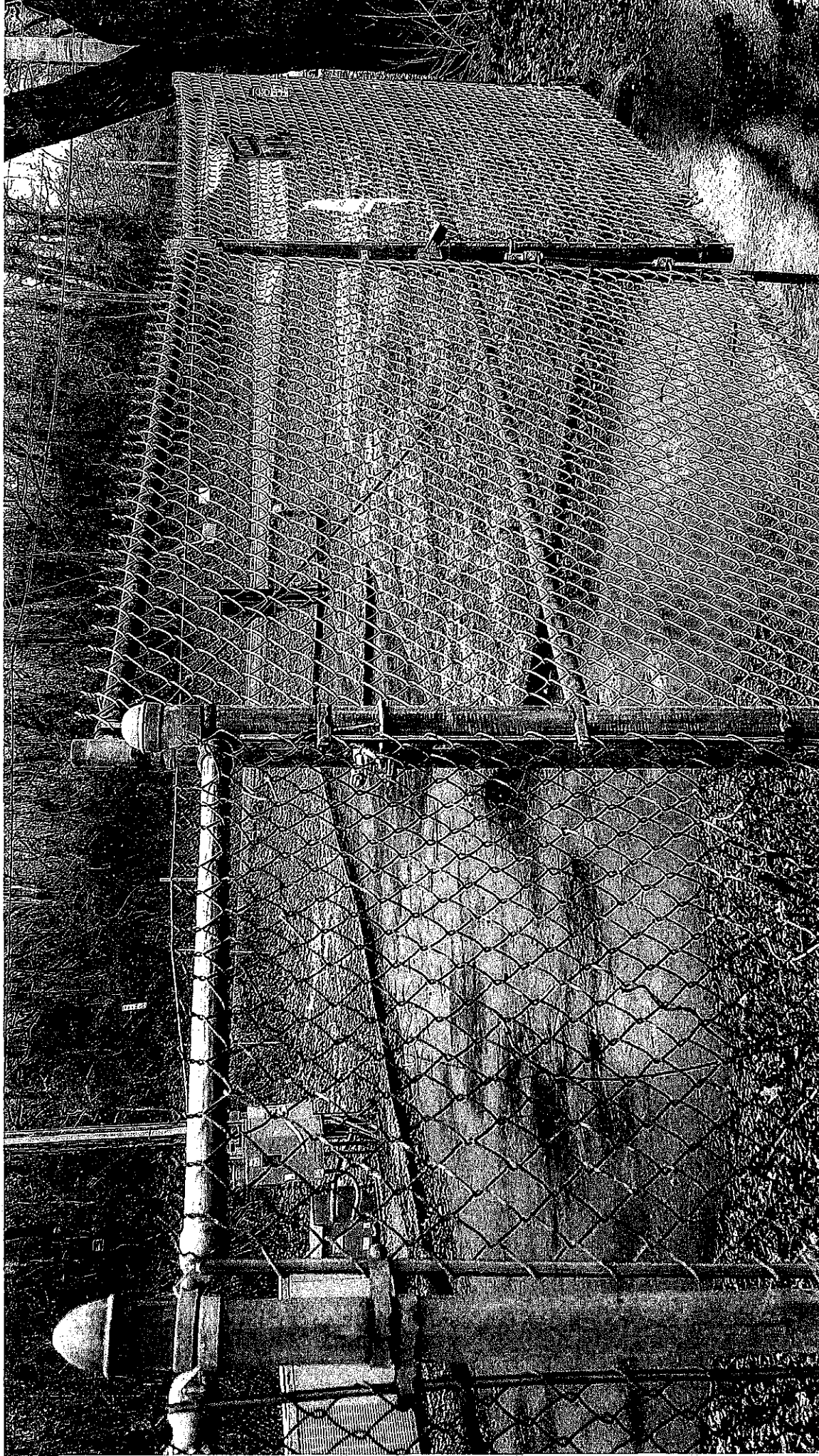
Suffolk County Sewer District No. 6 – Kings Park has a WWTP located adjacent to the Kings Park Psychiatric Hospital site in Kings Park. Sewers in the district pass through the Psychiatric Center. Issues of concern involve the sewage collection system. This capital project is to provide the design and construction of the necessary improvements to be utilized for repairing and re-routing major collection system sewer lines on the hospital site and upgrading and re-routing the St. Johnland Nursing Home pump station and force main. The work is necessary to provide County/district control over the sewers it must maintain and respond to repairs. The work is within the roadways of Old Dock Road (approximately 2,000 feet of gravity sewer), St. Johnland Road (approximately 3,000 feet of force main) and on the existing site of a pumping station. Due to diverted sewage flow to the pump station, larger pumps and wet well will be necessary. Refer to the attached project location plan.



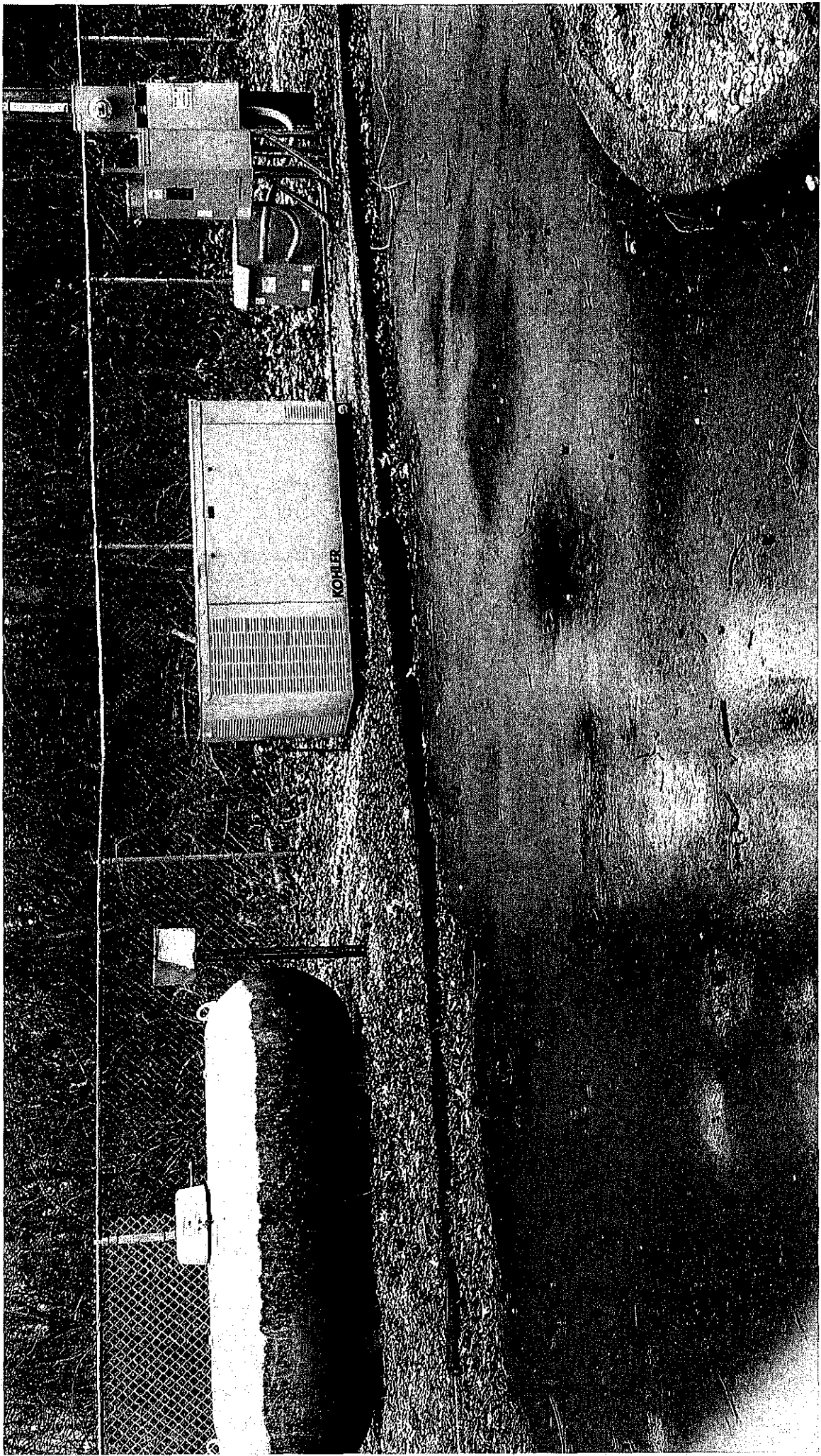
Northern Extent of Old Dock Roadwork



Looking North on Old Dock Road
from St. Johnland Road



Pumping Station Site at St. Johnland Road
and Old Dock Road

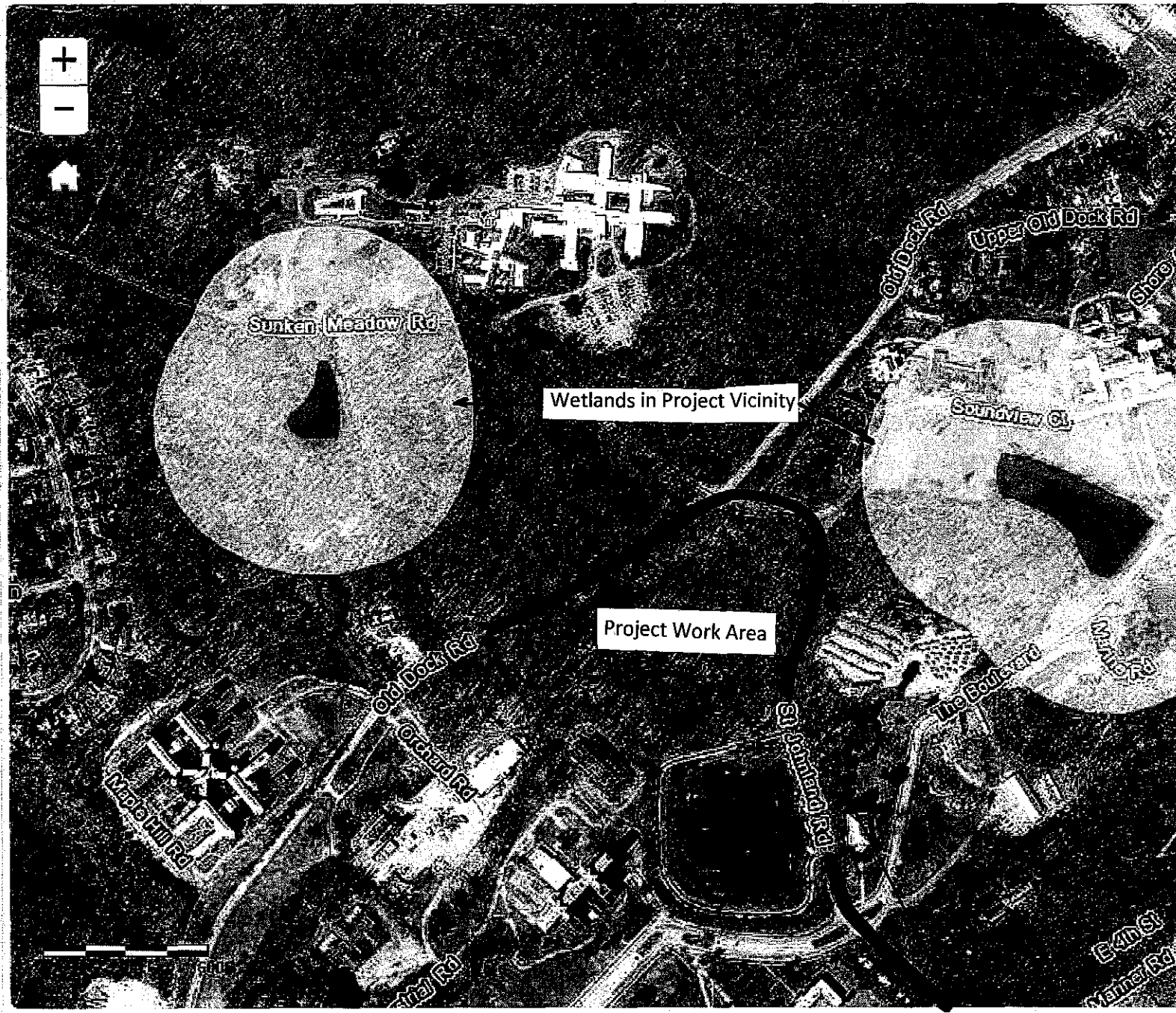


Pumping Station Site at St. Johnland Road
and Old Dock Road

Natural Resource Mapper

Base Map: NYS A

- Map Features
- Designations for Rivers/Streams
- Designations for Lakes
- Freshwater Wetlands
- Wetland Checkzone
- Wetland Communities
- Wetland Communities Near This Location
- Rare Animals



SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
6 NYCRR Part 617
State Environmental Quality Review

Part 2 – Identification of Potential Project Impacts

Instructions: Part 2 is to be completed by the lead agency. It 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.

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 section.
- _____ 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 The proposed action may involve construction on, or physical alteration of the land surface of the proposed site. (See Part 1.D.1) <i>If “YES”, answer questions a-h. If “NO”, move on to Section 2.</i>			
	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
	Relevant Part 1 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.	E.2.d	<input checked="" type="checkbox"/> <input type="checkbox"/>
b. _____	The proposed action may involve construction on slopes of 15% or greater.	E.2.f	<input checked="" type="checkbox"/> <input type="checkbox"/>
c. _____	The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E.2.a	<input checked="" type="checkbox"/> <input type="checkbox"/>
d. _____	The proposed action may involve the excavation and removal of more than 1,000 tons of natural	D.2.a	<input type="checkbox"/> <input checked="" type="checkbox"/>

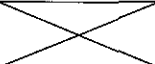
material.			
e. _____ The proposed action may involve construction that continues for more than one year or in multiple phases.	D.1.g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D.2.e D.2.q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action is, or may be, located within a Coastal Erosion hazard area.	B.ix	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:	 	<input type="checkbox"/>	<input type="checkbox"/>

2. _____ Impact on Geological Features
The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1.E.2.g)
YES NO
If "YES", answer questions a-c. If "NO", move on to Section 3.

	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ Identify the specific land form(s):	E.2.g	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature:	E.3.c	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ Other impacts:	 	<input type="checkbox"/>	<input type="checkbox"/>

3. _____ Impact 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)
YES NO
If "YES", answer questions a-l. If "NO", move on to Section 4.

	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may create a new water body	D.1.j D.2.b	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D.2.b	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D.2.a	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E.2.h E.2.i	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by	D.2.a D.2.h	<input type="checkbox"/>	<input type="checkbox"/>

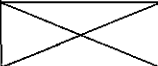
	disturbing bottom sediments.			
f.	_____ The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D.2.c	<input type="checkbox"/>	<input type="checkbox"/>
g.	_____ The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
h.	_____ The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D.2.e	<input type="checkbox"/>	<input type="checkbox"/>
i.	_____ The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E.2.h – E.2.l	<input type="checkbox"/>	<input type="checkbox"/>
j.	_____ The proposed action may involve the application of pesticides or herbicides in or around any water body.	D.2.q E.2.h – E.2.l	<input type="checkbox"/>	<input type="checkbox"/>
k.	_____ The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D.1.a D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
l.	_____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

4. _____ Impact on Groundwater				
The proposed action may result in new or additional use of groundwater, or may have the potential to introduce contaminants to groundwater or an aquifer. (See Part 1.D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
<i>If "YES", answer questions a-h. If "NO", move on to Section 5.</i>				
		Relevant Part 1 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.	D.2.c	<input type="checkbox"/>	<input type="checkbox"/>
b.	_____ Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source:	D.2.c	<input type="checkbox"/>	<input type="checkbox"/>
c.	_____ The proposed action may allow or result in residential uses in areas without water and sewer services.	D.1.a D.2.c – D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
d.	_____ The proposed action may include or require wastewater discharged to groundwater.	D.2.d E.2.p	<input type="checkbox"/>	<input type="checkbox"/>
e.	_____ The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D.2.c E.1.f – E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
f.	_____ The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D.2.p E.2.p	<input type="checkbox"/>	<input type="checkbox"/>
g.	_____ The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	D.2.q E.2.h – E.2.l E.2.p D.2.c	<input type="checkbox"/>	<input type="checkbox"/>

h. _____ Other impacts:	☒	<input type="checkbox"/>	<input type="checkbox"/>
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5. _____ Impact on Flooding The proposed action may result in development on lands subject to flooding. (See Part 1.E.2) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <i>If "YES", answer questions a-g. If "NO", move on to Section 6.</i>			
	Relevant Part 1 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.	E.2.m	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in development within a 100 year floodplain.	E.2.n	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may result in development within a 500 year floodplain.	E.2.o	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in, or require, modification of existing drainage patterns.	D.2.b D.2.e	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may change flood water flows that contribute to flooding.	D.2.b E.2.m – E.2.o	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ If there is a dam located on the site of the proposed action, the dam has failed to meet one or more safety criteria on its most recent inspection.	E.1.e	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ Other impacts:	☒	<input type="checkbox"/>	<input type="checkbox"/>

6. _____ Impact 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) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <i>If "YES", answer questions a-f. If "NO", move on to Section 7.</i>			
	Relevant Part 1 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 (CO2)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
ii. _____ More than 3.5 tons/year of nitrous oxide (N2O)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
iii. _____ More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
iv. _____ More than .045 tons/year of sulfur hexafluoride (SF6)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
v. _____ More than 1000 tons/year of carbon dioxide equivalent of hydrochlorofluorocarbons (HCFCs) emissions	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
vi. 43 tons/year or more of methane	D.2.h	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>

air pollutants.			
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.	D.2.f D.3.g	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may reach 50% of any two or more of the thresholds in "a" through "c", above.	D.1.i D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D.2.s	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

7. _____ Impact on Plants and Animals

The proposed action may result in a loss of flora or fauna. YES NO

(See Part 1.E.2.q – E.2.u)
If "YES", answer questions a-j. If "NO", move on to Section 8.

	Relevant Part 1 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.	E.2.s	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E.2.s	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E.2.t	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E.2.t	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E.3.c	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source:	E.2.r	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E.2.q	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source:	E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
i. _____ Proposed action (commercial, industrial or recreational projects, only) involves use of	D.2.q	<input type="checkbox"/>	<input type="checkbox"/>

herbicides or pesticides.			
j. _____ Other impacts:	X	<input type="checkbox"/>	<input type="checkbox"/>

8. _____ Impact on Agricultural Resources

The proposed action may impact agricultural resources. YES NO

(See Part 1.E.3.a & E.3.b)
If "YES", answer questions a-h. If "NO", move on to Section 9.

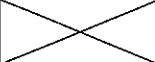
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E.2.c E.3.b	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc.).	E.1.a E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E.3.b	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District or more than 10 acres if not within an Agricultural District.	E.1.b E.3.a	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may disrupt or prevent installation of an agricultural land management system.	E.1.a E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C.2.c, C.3 D.2.c, D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C.2.c	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:	X	<input type="checkbox"/>	<input type="checkbox"/>

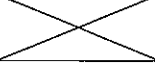
9. _____ Impact on Aesthetic Resources

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. (See Part 1.E.1.a, E.1.b, E.3.h) YES NO

If "YES", answer questions a-g and complete Appendix B - Visual EAF Addendum. If "NO", move on to Section 10.

	Relevant Part 1 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.	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may	C.2.b	<input type="checkbox"/>	<input type="checkbox"/>

result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E.3.h		
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	E.3.h E.3.h	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
d. _____ The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E.3.h E.2.u E.1.c	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
e. _____ The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ There are similar projects visible within the following distance of the proposed project: 0 – ½ mile ½ – 3 mile 3 – 5 mile 5+ mile	D.1.a D.1.h D.1.i E.1.a	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
g. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

10. _____ Impact on Historic and Archeological Resources			
The proposed action may occur in or adjacent to an historic or archaeological resource. (See Part 1.E.3.e, E.3.f, E.3.g)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<i>If "YES", answer questions a-e. If "NO", move on to Section 11.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places.	E.3.e	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E.3.f	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source:	E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>
e. _____ If any of the above (a-d) are answered "Yes", 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.	E.3.e – E.3g	<input type="checkbox"/>	<input type="checkbox"/>

ii. The proposed action may result in the alteration of the property's setting or integrity.	E.1.a, E.1.b E.3.e – E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	C2, C3 E.3.g, E.3.h	<input type="checkbox"/>	<input type="checkbox"/>

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.u)
If "YES", answer questions a-e. If "NO", move on to Section 12.

YES NO

	Relevant Part 1 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, and wildlife habitat.	D.2.e, E.1.b E.2.h – E.2.l E.2.q – E.2.t	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in the loss of a current or future recreational resource.	C.2.a, C.2.c E.1.c, E.2.u	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C.2.a, C.2.c E.1.c, E.2.u	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C.2.c, E.1.c	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ Other impacts:	_____	<input type="checkbox"/>	<input type="checkbox"/>

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", move on to Section 13.


YES NO

	Relevant Part 1 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.	E.3.d	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E.3.d	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ Other impacts:	_____	<input type="checkbox"/>	<input type="checkbox"/>

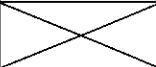
13. _____ Impact on Transportation
 The proposed action may result in a change to existing transportation systems. (See Part 1.D.2.j)
If "YES", answer questions a-f. If "NO", move on to Section 14.

YES NO

	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ Projected traffic increase	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>

may exceed capacity of existing road network.			
b. _____ The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action will degrade existing transit access.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action will degrade existing pedestrian or bicycle accommodations.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may alter the present pattern of movement of people or goods.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

14. _____ Impact on Energy
The proposed action may cause an increase in the use of any form of energy (See Part 1.D.2.k) YES NO
If "YES", answer questions a-e. If "NO", move on to Section 15.

	Relevant Part 1 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.	D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D.1.h D.1.i D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D.1.i	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

15. _____ Impact on Noise, Odor and Light
The proposed action may result in an increase in noise, odors or outdoor lighting (See Part 1.D.2.m, D.2.n, D.2.o) YES NO
If "YES", answer questions a-f. If "NO", move on to Section 16.

	Relevant Part 1 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.	D.2.m	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D.2.m E.1.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may result in routine odors for more than one hour per day.	D.2.o	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in light shining onto adjoining properties.	D.2.n	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in lighting that creates sky-glow brighter than existing-area conditions.	D.2.n E.1.a	<input checked="" type="checkbox"/>	<input type="checkbox"/>

f. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>
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16. _____ Impact on Human Health
 The proposed action may have an impact on human health from exposure to new or existing sources of contaminants (See Part 1.D.2.q, E.1.d, E.1.f, E.1.g, E.1.h) YES NO
If "YES", answer questions a-m. If "NO", move on to Section 17.

	Relevant Part 1 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.	E.1.d	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. _____ The site of the proposed action is currently undergoing remediation.	E.1.g, E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ There is a completed emergency spill remediation or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E.1.g E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The site of the action is subject to an institutional control limiting the use of the property (e.g. easement, deed restriction)	E.1.g E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E.1.g E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D.2.t	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action involves construction or modification of a solid waste management facility.	D.2.q E.1.f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. _____ The proposed action may result in the unearthing of solid or hazardous waste.	D.2.q E.1.f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. _____ The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D.2.r D.2.s	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j. _____ The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E.1.f – E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
k. _____ The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E.1.f E.1.g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
l. The proposed action may result in the release of contaminated leachate from the project site.	D.2.r, D.2.s E.1.f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
m. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

17. _____ Consistency with Community Plans
 The proposed action is not consistent with adopted land use plans. YES NO
 (See Part 1.C.1, C.2, C.3)
If "YES", answer questions a-h. If "NO", move on to Section 18.

	Relevant Part 1 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).	C.2, C.3, D.1.a, E.1.a, E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C.2	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action is inconsistent with local land use plans or zoning regulations.	C.2, C.3	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action is inconsistent with any County plans, or other regional land use plans.	C.2	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C.3 D.1.e, D.1.f, D.1.h, E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C.4, D.2.c, D.2.d, D.2.j	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C.2.a	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:	XXXX	<input type="checkbox"/>	<input type="checkbox"/>

18. _____ Consistency with Community Character The proposed action is inconsistent with the existing community character (See Part 1.C.2, C.3, D.2, E.3) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <i>If "YES", answer questions a-g. If "NO", move on to Part 3.</i>			
	Relevant Part 1 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.	E.3.e, E.3.f, E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C.4	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C.2, C.3, D.1.h, D.1.i, E.1.a	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C.2, E.3	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action is inconsistent with the predominant architectural scale and character.	C.2, C.3	<input type="checkbox"/>	<input type="checkbox"/>
f. Proposed action is inconsistent with the character of the existing natural landscape.	C.2, C.3, E.1.a, E.1.b, E.2.g – E.2.l	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ Other impacts:	XXXX	<input type="checkbox"/>	<input type="checkbox"/>

SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
6 NYCRR Part 617
State Environmental Quality Review

**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.

For EAF Part II Question 1.d which states “The proposed action may involve the excavation of more than 1,000 tons of natural material ” the moderate to large box was checked because the proposed project is anticipated to result in the removal of approximately 6,000 cubic yards (which is approximately 9,000 tons of material) . However, this project is not anticipated to result in a significant adverse impact due to the fact that this excavation work is proposed to take place at previously disturbed locations which are not located in environmentally sensitive areas (wetlands, water bodies, etc) or in designated archeological sensitive areas. In addition, some of the material will be used as backfill and all excavated material will be removed and disposed of in accordance with all applicable regulations.

For EAF Part II Question 16.a which states “The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community” the moderate to large box was checked because while the project is not technically located within 1,500 feet of a school, hospital, etc. a portion of the proposed project is located next to a public soccer field (Highlanders Field). However, this project is not anticipated to result in a significant adverse impact due to the fact that all construction work will be limited to the road right of way and will comply with all road and safety regulatory requirements. In addition, due to the nature of the project (installing a force main in the road right of way) the duration of construction at the location will be limited in duration and the hours of construction operation are anticipated to be limited to weekdays from 8 am to 4 pm.

**Determination of Significance
Type 1 and Unlisted Actions**

SEQR Status: Type I 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 _____ as lead agency that:

- A. This project will result in no significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.
- B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency:
There will, therefore, be no significant adverse impacts from the project as conditioned, and therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.7(d)).
- C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.

Name of Action:

Name of Lead Agency:

Name of Responsible Officer in Lead Agency:

Title of Responsible Officer in Lead Agency:

Signature of Responsible Officer in Lead Agency: _____ Date: _____

Signature of Preparer (if different from Responsible Officer) _____ Date: _____

For Further Information:

Contact Person:

Address:

Telephone Number:

Email:

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 (Town/City/Village)

Other involved agencies (if any)

Applicant (if any)

Environmental Notice Bulletin: <http://www.dec.ny.gov/enb/enb.html>

COUNTY OF SUFFOLK



STEVEN BELLONE
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF PUBLIC WORKS

DARNELL TYSON, P.E.
DEPUTY COMMISSIONER

GILBERT ANDERSON, P.E.
COMMISSIONER

THOMAS G. VAUGHN
DEPUTY COMMISSIONER

M E M O R A N D U M

TO: Lawrence Swanson, Chairperson
Council on Environmental Quality

FROM: Ben Wright, P.E., Principal Civil Engineer

SUBJECT: **SCSD #20 - William Floyd**
Improvement and Expansion CP 8148 *BW*

DATE: March 1, 2017

Please find attached 15 copies of the Full Environmental Assessment Form for the referenced project. Sewer District No. 20 - William Floyd has two treatment facilities, Leisure Village and Ridgehaven Estates. The project involves abandonment of the Ridgehaven Estates facility and constructs a pump station and force main and expands the Leisure Village facility to accommodate Ridgehaven Estates. The intent of the project is to reduce cost due to Ridgehaven Estates nearing the end of its useful life and the selected alternative being abandonment.

We appreciate the project being placed on the March 15th agenda of CEQ.

Thank you for your assistance.

BW/ni

Attachment

cc: John Corral, Planner, CEQ
John Donovan, P.E., Chief Engineer
Janice McGovern, P.E., Principal Civil Engineer
John Berchtold, P.E., Associate Civil Engineer

H:\SANITATION\Sewer-districts\sd20 - William Floyd\bw3-1-17 sd20 William Floyd CP 8148 memo to LSwanson.doc

SUFFOLK COUNTY IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

**SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM**

6 NYCRR Part 617

State Environmental Quality Review

Part 1 – Environment and Setting

Instructions: Part 1 is to be completed by the applicant or project sponsor. 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. If a question is not applicable to the proposed project indicate with "N/A".

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 is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Sponsor Information

Name of Action/Project: Improvements to Suffolk County Sewer District No. 20 - William Floyd
Project Location (specify Town, Village, Hamlet and attach general location map*): Ridge - refer to project map and description attached
Street Address: Leisure Village - Whiskey Road across from Bridgewater Drive, Ridgheaven Estates southbound side of William Floyd Parkway, North Whiskey Road
Name of Property or Waterway: Suffolk County SD #20 - William Floyd (Leisure Village and Ridgheaven Estates WWTP)

* Maps of Property and Project: Attach relevant available maps including a location map (note: use road map, Hagstrom Atlas, USGS topography map, tax map or equivalent) and preliminary site plans showing orientation, scale, buildings, roads, landmarks, drainage systems, area to be altered by project, etc.

Type of Project: New Expansion

Capital Program: Item # 8148 Date Adopted: 2017 Amount: \$5,000,000

Brief Description of Proposed Action (include purpose or need/attach relevant design reports, plans, etc.): William Floyd has two wastewater treatment facilities; those being Leisure Village and Ridgehaven Estates. The Ridgehaven Estates facility is nearing the end of its useful life. The project is to abandon the Ridgehaven WWTP and construct a pumping station and force main connecting to Leisure Village. The attached plans show the district boundaries and location of the treatment facilities along with the easement that runs from the Ridgehaven Estates facility to Whiskey Road. The new force main will be constructed within the easement and then along the shoulder of Whiskey Road to the Leisure Village wastewater treatment facility. The attached photographs show the various locations of the force main route.

Project Status:

	Start	Completion
Proposal		
Study		
Preliminary Planning	1/2017	3/2018
Final Plans: Specs	3/2018	3/2019
Site Acquisition		
Construction	9/2019	12/2020
Other		

Departments Involved:

Dept. Performing Design & Construction

Initiating Dept. (if different)

Name:	SCDPW Sanitation Division	
Street/PO:	335 Yaphank Avenue	
City, State:	Yaphank, NY	
Zip:	11980	
Contact Person:	John Donovan	
Business Phone:	631-852-4204	
Email:	john.donovan@suffolkcountyny.com	

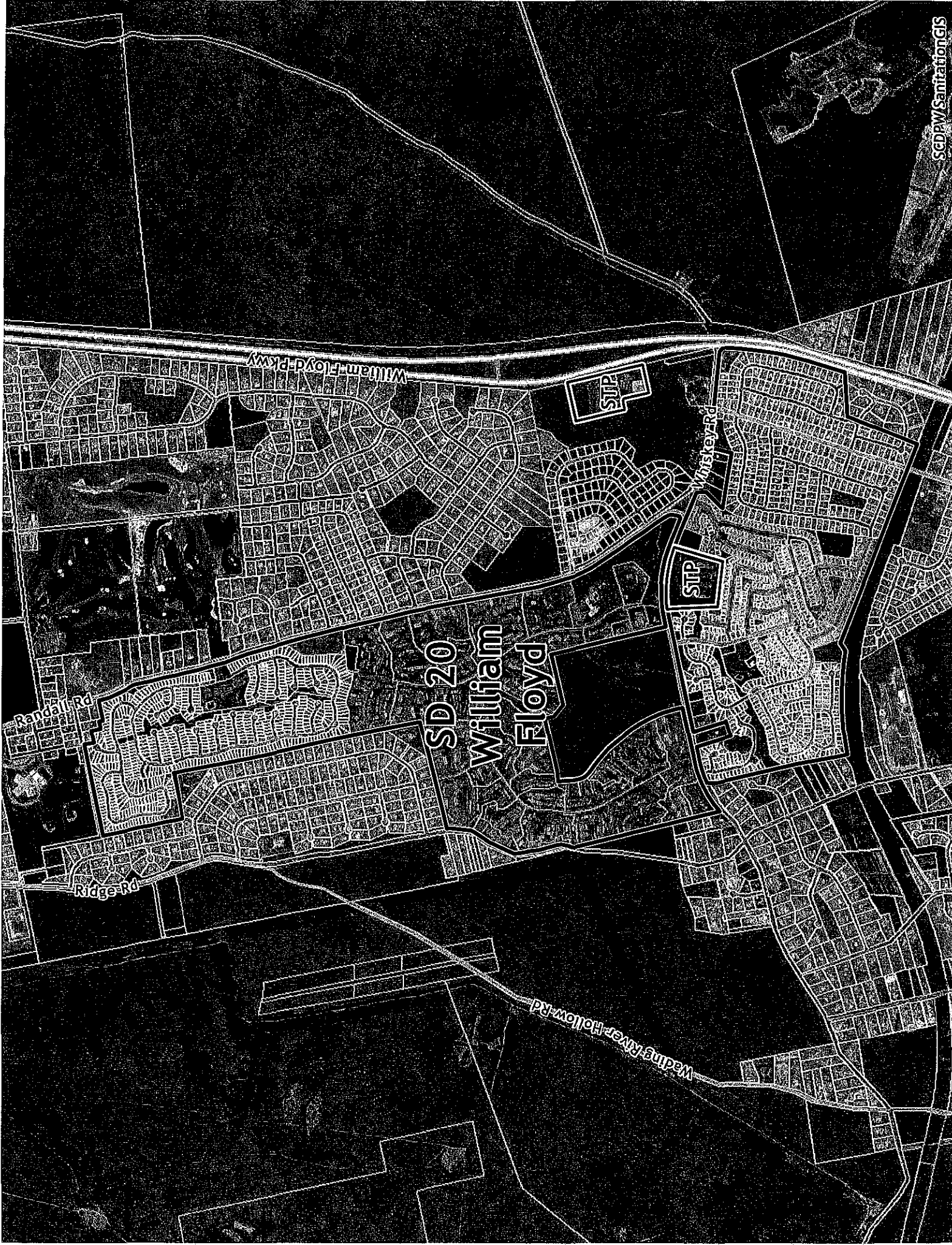
B. Government Approvals, Funding or Sponsorship

("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)
i. City Council, Town Board or Village Board of Trustees	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Town of Brookhaven Road Opening and Wetland/Waterway Ordinance	7/2018 projected
ii. City, Town or Village Planning Board or Commission	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
iii. City, Town or Village Zoning Board of Appeals	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
iv. Other local agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
v. County agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	SC CEQ and Legislature	3/2017 - 4/2018

Sewer District No. 20 - William Floyd
Leisure Village and Ridge Haven Estates Capital Project 8148

Sewer District No. 20 - William Floyd has two wastewater treatment facilities; those being Leisure Village and Ridgehaven Estates. The Ridgehaven Estates facility is nearing the end of its useful life and after evaluating various alternatives, the selected plan is to abandon the Ridgehaven Estates facility and construct a pumping station and force main connecting to Leisure Village, which would expand it by 100,000 gallons per day to accommodate the Ridgehaven Estates generated waste. The attached plans show the boundaries and location of the two wastewater treatment facilities along with the easement that runs from the Ridgehaven Estates facility to Whiskey Road. The plan is to place the new force main within the easement and then along the shoulder of Whiskey Road to the entrance of the Leisure Village Wastewater Treatment Facility. The attached photographs show the various locations of the force main route. In the attached plans, there is a wetland of approximately 6.5 acres identified west of the easement and varying between 25 feet and over 150 feet from the work that would take place. Various permits with NYSDEC and the Town of Brookhaven will outline the conditions and restrictions that must take place during the construction.



			SCDHS	projected							
vi.	Regional agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>								
vii.	State agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NYSDEC - wetlands, plant closure 9/2017							
viii.	Federal agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>								
ix.	Coastal Resources Is the project site within a Coastal Area or the waterfront area of a Designated Inland Waterway? If YES, <table border="1" style="width: 100%;"> <tr> <td>Is the project site located in a community with an approved Local Waterfront Revitalization Program?</td> <td>Yes <input type="checkbox"/></td> <td>No <input type="checkbox"/></td> </tr> <tr> <td>Is the project site within a Coastal Erosion Hazard Area?</td> <td>Yes <input type="checkbox"/></td> <td>No <input type="checkbox"/></td> </tr> </table>			Is the project site located in a community with an approved Local Waterfront Revitalization Program?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Is the project site within a Coastal Erosion Hazard Area?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Is the project site located in a community with an approved Local Waterfront Revitalization Program?	Yes <input type="checkbox"/>	No <input type="checkbox"/>									
Is the project site within a Coastal Erosion Hazard Area?	Yes <input type="checkbox"/>	No <input type="checkbox"/>									

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 <input type="checkbox"/> No <input checked="" type="checkbox"/>
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? If Yes: Does the comprehensive plan include specific recommendations for the site where the proposed action would be located? Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
b. Is the site of the proposed action within any local or regional special planning district (i.e. Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; et. al)? If Yes, identify the plan(s): NYS Heritage Areas; Long Island North Shore Heritage Area	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
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? If Yes, identify the plan(s): _____	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
C.3. Zoning	
a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance? If Yes, what is the zoning classification(s) including any applicable overlay district? _____	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
b. Is the use permitted or allowed by a special or conditional use permit?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
c. Is a zoning change requested as part of the proposed action?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

If Yes, what is the proposed new zoning for the site?

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C.4. Existing Community Services

a. In what school district is the project site located? Longwood

b. What police or other public protection forces serve the project site? Suffolk County Police

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

d. What parks serve the project site? Brookhaven State Park

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action? (if mixed, include all components)

Residential ; Industrial ; Commercial ; Recreational ; Other : Sewer District

b. Total acreage of the site of the proposed action:	apx. 11.8 acres
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c. Total acreage to be physically disturbed:	apx. 0.95 acres
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d. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor:	10.8 acres
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<p>e. Is the proposed action an expansion of an existing project or use?</p> <p>If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet, etc.)?</p> <p>Expand one treatment plant to accommodate one to be abandoned.</p>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
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<p>f. Is the proposed action a subdivision, or does it include a subdivision?</p> <p>If Yes:</p> <p>i. Purpose or type of subdivision? (if mixed, specify types) Residential <input type="checkbox"/>; Industrial <input type="checkbox"/>; Commercial <input type="checkbox"/>; Recreational <input type="checkbox"/>; Other <input type="checkbox"/></p> <p>ii.</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">Is a cluster/conservation layout proposed?</td> <td style="width: 50%;">Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>Number of lots proposed:</td> <td></td> </tr> <tr> <td>Minimum and maximum proposed lot sizes:</td> <td></td> </tr> </table>	Is a cluster/conservation layout proposed?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Number of lots proposed:		Minimum and maximum proposed lot sizes:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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Number of lots proposed:							
Minimum and maximum proposed lot sizes:							

g. Will proposed action be constructed in multiple phases?

If No, What is the anticipated period of construction?

15 months

If Yes:

Total number of phases anticipated:

Anticipated commencement date of phase I (including demolition):

Anticipated completion date of final phase:

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

Yes No

h. Does the project include new residential uses?

If Yes, show number of units proposed.

	Single Family	Two Family	Three Family	Multi-Family (4+)
Initial Phase				
At Completion				

Yes No

i. Does the proposed action include new non-residential construction (including expansions)?

If Yes:

Total Number of Structures: 1 structure (treatment tank)

Dimensions of largest proposed structure: 30 feet x 30 feet

Approximate extent of building space to be heated or cooled: none

Yes No

<p>j. 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?</p> <p>If Yes:</p> <p>Purpose of the impoundment:</p> <hr/> <p>If a water impoundment, the principal source of the water: Ground Water <input type="checkbox"/>; Surface Water Streams <input type="checkbox"/>; Other <input type="checkbox"/> (specify):</p> <p>If other than water, identify the type of impounded/contained liquids and their source:</p> <hr/> <p>Approximate size of the proposed impoundment (include units): Volume: Surface area:</p> <p>Dimensions of the proposed dam or impounding structure:</p> <hr/> <p>Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock wood, concrete):</p>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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D.2. Project Operations

<p>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)</p> <p>If Yes:</p> <p>What is the purpose of the excavation or dredging? tank excavation and force main installation</p> <hr/> <p>How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site? Volume: 1,400 cy Over what duration of time: 15 months</p> <p>Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them: Excess excavated material - disposal to grade adjustment at appropriate sites</p>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
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D.2.a (cont.) – only answer following if checked “Yes” above

Will there be onsite dewatering or processing of excavated materials? If Yes, describe: groundwater 30 feet below grade
What is the total area to be dredged or excavated? 32,000 sf
What is the maximum area to be worked at any one time? 1,500 sf
What would be the maximum depth of excavation or dredging? 6 feet
Will the excavation require blasting? no
Summarize site reclamation goals and plans: reuse excavated material/properly dispose of excess soil

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, water body, shoreline, beach or adjacent area?

If Yes:

Identify the wetland or water body which would be affected (by name, water index number, wetland map number or geographic description):
Describe how the proposed action would affect that water body or wetland, e.g. excavation, fill, placement of structures or creation of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:
Will proposed action cause or result in disturbance to bottom sediments? If Yes, describe:
Will proposed action cause or result in the destruction or removal of aquatic vegetation?
If Yes:
Area of vegetation proposed to be removed:
Expected acreage of aquatic vegetation remaining after project completion:
Purpose of proposed removal (e.g., beach clearing, invasive control, boat access):
Proposed method of plant removal:
If chemical/herbicide treatment will be used, specify product(s):
Describe any proposed reclamation/mitigation following disturbance:

Yes No

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

If Yes:

Total anticipated water usage/demand per day:

Will the proposed action obtain water from an existing public water supply?

If Yes:

Name of district/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

Will line extension within an existing district be necessary to supply the project?

If Yes:

Describe extensions or capacity expansions proposed to serve this project:

Source(s) of supply for the district:

Yes No

Is a new water supply district or service area proposed to be formed to serve the project site?

If Yes:

Applicant/sponsor for new district:

Date application submitted or anticipated:

Proposed source(s) of supply for new district:

If a public water supply will not be used, describe plans to provide water supply for the project:

If water supply will be from wells (public or private), what will be the maximum pumping capacity?

d. Will the proposed action generate liquid wastes?

If Yes:

Total anticipated liquid waste generation per day:

Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each):

If sanitary wastewater identify proposed disinfection technology and treatment goals for the following:

Disinfection technology:

Nitrogen:

Phosphorus:

Total Suspended Solids (TSS):

Biological Oxygen Demand (BOD):

Will the proposed action use any existing public wastewater treatment facilities?

If Yes:

Name of wastewater treatment plant to be used:

Name of district:

Does the existing wastewater treatment plant have capacity to serve the project?

Yes No

Is the project site in the existing district?

Yes No

Is expansion of the district needed?

Yes No

Do existing sewer lines serve the project site?

Yes No

Will line extension within an existing district be necessary to serve the project?

If Yes:

Describe extensions or capacity expansions proposed to serve this project:

Will a new wastewater (sewage) treatment district be formed to serve the project site?

If Yes:

Applicant/Sponsor for new district:

Date application submitted or anticipated:

What is the receiving water for the wastewater discharge?

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):

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

Yes No

<p>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?</p> <p>If Yes:</p> <p>How much impervious surface will the project create in relation to total size of project parcel? Area of Impervious Surface: Area of Parcel:</p> <p>Describe types of new point sources:</p> <p>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)?</p> <p>If to surface waters, identify receiving water bodies or wetlands:</p> <p>Will stormwater runoff flow to adjacent properties? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Does proposed plan minimize impervious surfaces use pervious materials or collect and re-use stormwater? Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>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?</p> <p>If Yes, identify:</p> <p>Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles): Payloaders, excavators, during construction</p> <p>Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers):</p> <p>Stationary sources during operations (e.g., process emissions, large boilers, electric generation):</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>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?</p> <p>If Yes:</p> <p>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 <input type="checkbox"/> No <input type="checkbox"/></p> <p>In addition to emissions as calculated in the application, the project will generate:</p> <ul style="list-style-type: none"> - Tons/year (metric) of Carbon Dioxide (CO₂) - Tons/year (metric) of Nitrous Oxide (N₂O) - Tons/year (metric) of Perfluorocarbons (PFCs) - Tons/year (metric) of Sulfur Hexafluoride (SF₆) - Tons/year (metric) of Carbon Dioxide equivalent of Hydroflorocarbons (HFCS) - Tons/year (metric) of Hazardous Air Pollutants (HAPs) 	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

<p>h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Estimate methane generation in tons/year (metric):</td> </tr> <tr> <td>Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):</td> </tr> </table>	Estimate methane generation in tons/year (metric):	Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>							
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<p>i. Will the proposed action result in the release of air pollutants from open-air operations or processes such as quarry or landfill operations?</p> <p>If Yes, describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):</p> <table border="1"> <tr> <td> </td> </tr> </table>		<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>								
<p>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?</p> <p>If Yes:</p> <table border="1"> <tr> <td>When is the peak traffic expected? (check all that apply)</td> </tr> <tr> <td>Morning <input type="checkbox"/>; Evening <input type="checkbox"/>; Weekend <input type="checkbox"/>; Randomly <input type="checkbox"/> between the hours of _____ to _____</td> </tr> <tr> <td>For commercial activities only, projected number of semi-trailer truck trips/day:</td> </tr> <tr> <td>Parking spaces: Existing: _____ Proposed: _____ Net Increase/Decrease: _____</td> </tr> <tr> <td>Does the proposed action include any shared use parking? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:</td> </tr> <tr> <td>Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	When is the peak traffic expected? (check all that apply)	Morning <input type="checkbox"/> ; Evening <input type="checkbox"/> ; Weekend <input type="checkbox"/> ; Randomly <input type="checkbox"/> between the hours of _____ to _____	For commercial activities only, projected number of semi-trailer truck trips/day:	Parking spaces: Existing: _____ Proposed: _____ Net Increase/Decrease: _____	Does the proposed action include any shared use parking? Yes <input type="checkbox"/> No <input type="checkbox"/>	If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:	Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site? Yes <input type="checkbox"/> No <input type="checkbox"/>	Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes <input type="checkbox"/> No <input type="checkbox"/>	Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes <input type="checkbox"/> No <input type="checkbox"/>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
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<p>k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Estimate annual electricity demand during operation of the proposed action:</td> </tr> <tr> <td>Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility or other):</td> </tr> <tr> <td>Will the proposed action require a new, or an upgrade to, an existing substation? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	Estimate annual electricity demand during operation of the proposed action:	Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility or other):	Will the proposed action require a new, or an upgrade to, an existing substation? Yes <input type="checkbox"/> No <input type="checkbox"/>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>						
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<p>l. Hours of operation (Answer all items which apply)</p> <table border="1"> <thead> <tr> <th data-bbox="162 100 747 136">During Construction</th> <th data-bbox="747 100 1307 136">During Operations</th> </tr> </thead> <tbody> <tr> <td data-bbox="162 136 747 172">Monday-Friday: 8:00am - 4:00pm</td> <td data-bbox="747 136 1307 172">Monday-Friday: 24 hours/day</td> </tr> <tr> <td data-bbox="162 172 747 207">Saturday:</td> <td data-bbox="747 172 1307 207">Saturday: 24 hours/day</td> </tr> <tr> <td data-bbox="162 207 747 243">Sunday:</td> <td data-bbox="747 207 1307 243">Sunday: 24 hours/day</td> </tr> <tr> <td data-bbox="162 243 747 279">Holidays:</td> <td data-bbox="747 243 1307 279">Holidays: 24 hours/day</td> </tr> </tbody> </table>	During Construction	During Operations	Monday-Friday: 8:00am - 4:00pm	Monday-Friday: 24 hours/day	Saturday:	Saturday: 24 hours/day	Sunday:	Sunday: 24 hours/day	Holidays:	Holidays: 24 hours/day	<p>N/A <input type="checkbox"/></p>
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Holidays:	Holidays: 24 hours/day										
<p>m. Does the proposed action produce noise that will exceed existing ambient noise levels during construction, operation or both?</p> <p>If Yes:</p> <p>Provide details including sources, time of day and duration:</p> <p>Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>										
<p>n. Will the proposed action have outdoor lighting?</p> <p>If Yes:</p> <p>Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:</p> <p>Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>										
<p>o. Does the proposed action have the potential to produce odors for more than one hour per day?</p> <p>If Yes:</p> <p>Describe possible sources, potential frequency and duration of odor emissions and proximity to nearest occupied structures:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>										
<p>p. Will the proposed action include any bulk storage of petroleum (over 1,100 gallons) or chemical products (over 550 gallons)?</p> <p>If Yes:</p> <p>Product(s) to be stored:</p> <p>Volume(s): per unit time: (e.g., month, year)</p> <p>Generally describe proposed storage facilities:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>										
<p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation?</p> <p>If Yes:</p> <p>Describe proposed treatment(s):</p> <p>Will the proposed action use Integrated Pest Management Practices? Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>										

<p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Describe any solid waste(s) to be generated during construction or operation of the facility:</td> </tr> <tr> <td style="width: 15%;">Construction:</td> <td>tons per _____ (unit of time)</td> </tr> <tr> <td>Operation:</td> <td>tons per _____ (unit of time)</td> </tr> <tr> <td colspan="2">Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</td> </tr> <tr> <td>Construction:</td> <td>_____</td> </tr> <tr> <td>Operation:</td> <td>_____</td> </tr> <tr> <td colspan="2">Proposed disposal methods/facilities for solid waste generated on-site:</td> </tr> <tr> <td>Construction:</td> <td>_____</td> </tr> <tr> <td>Operation:</td> <td>_____</td> </tr> </table>	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)	Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:		Construction:	_____	Operation:	_____	Proposed disposal methods/facilities for solid waste generated on-site:		Construction:	_____	Operation:	_____	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>						
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Construction:	tons per _____ (unit of time)																								
Operation:	tons per _____ (unit of time)																								
Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:																									
Construction:	_____																								
Operation:	_____																								
Proposed disposal methods/facilities for solid waste generated on-site:																									
Construction:	_____																								
Operation:	_____																								
<p>s. Does the proposed action include construction or modification of a solid waste management facility?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill or other disposal activities):</td> </tr> <tr> <td colspan="2">Anticipated rate of disposal/processing:</td> </tr> <tr> <td style="width: 15%;"></td> <td>tons/month, if transfer or other non-combustion/thermal treatment, or</td> </tr> <tr> <td></td> <td>tons/hour, if combustion or thermal treatment</td> </tr> <tr> <td colspan="2">If landfill, anticipated site life: _____ years</td> </tr> </table>	Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill or other disposal activities):		Anticipated rate of disposal/processing:			tons/month, if transfer or other non-combustion/thermal treatment, or		tons/hour, if combustion or thermal treatment	If landfill, anticipated site life: _____ years		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>														
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Anticipated rate of disposal/processing:																									
	tons/month, if transfer or other non-combustion/thermal treatment, or																								
	tons/hour, if combustion or thermal treatment																								
If landfill, anticipated site life: _____ years																									
<p>t. Will proposed action at the site involve the commercial generation, treatment, storage or disposal of hazardous waste?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility:</td> </tr> <tr> <td colspan="2">Generally describe processes or activities involving hazardous wastes or constituents:</td> </tr> <tr> <td colspan="2">Specify amount to be handled or generated:</td> </tr> <tr> <td></td> <td>tons/month</td> </tr> <tr> <td colspan="2">Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents:</td> </tr> <tr> <td colspan="2">Will any hazardous wastes be disposed at an existing offsite hazardous waste facility?</td> </tr> <tr> <td colspan="2">Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td colspan="2">If Yes:</td> </tr> <tr> <td colspan="2">Provide name and location of facility: _____</td> </tr> <tr> <td colspan="2">If No:</td> </tr> <tr> <td colspan="2">Describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:</td> </tr> <tr> <td colspan="2">_____</td> </tr> </table>	Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility:		Generally describe processes or activities involving hazardous wastes or constituents:		Specify amount to be handled or generated:			tons/month	Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents:		Will any hazardous wastes be disposed at an existing offsite hazardous waste facility?		Yes <input type="checkbox"/> No <input type="checkbox"/>		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:		_____		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility:																									
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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:																									

<p>u. Will proposed action adhere to Leadership in Energy and Environmental Design (LEED) or any other green building principals?</p> <p>If Yes: Describe proposed green building methods and attempted level of certification, if any: Pumps/motors will be controlled by VFD's</p>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<p>v. Does the project sponsor propose the use of energy benchmarking to monitor and adjust project energy needs?</p> <p>If Yes, explain: </p>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<p>w. Will the proposed action use native plants for all landscaping needs?</p> <p>Identify species to be used and method of irrigation: </p>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<p>x. Does the proposed action promote local tourism?</p> <p>If Yes, explain: </p>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

E. Site and Setting of Proposed Action

E.1. Land Uses on and Surrounding the Project Site

- a. Existing land uses (Check all uses the occur on, adjoining and near the project site): (include map)
- Urban Industrial Commercial Residential Rural
Forest Agriculture Aquatic Other Specify: Municipal Wastewater

If mix of uses, generally describe:

b. Land uses and cover types on the project site:

Land Use or Cover Type	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
Roads, buildings and other paved or impervious surfaces	0.75	0.75	0
Forested			
Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0.20	0.20	
Agricultural (includes active orchards, fields, greenhouse, etc.)			
Surface water features (lakes, ponds, streams, rivers, etc.)			
Wetlands (freshwater or tidal)			
Non-Vegetated (bare rock, earth or fill)			
Other Describe:			
TOTAL:	0.95	0.95	0

<p>c. Is the project site presently used by members of the community for public recreation?</p> <p>If Yes, explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<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 1,500 feet of the project site?</p> <p>If Yes, identify facilities:</p> <div style="border: 1px solid black; padding: 2px;">Leisure Village Community and Golf Course</div>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>e. Does the project site contain an existing dam?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px;"> <p>Dimensions of the dam and impoundment:</p> <ul style="list-style-type: none"> - Dam height: feet - Dam length: feet - Surface area: acres - Volume impounded: gallons or acre-feet </div> <div style="border: 1px solid black; padding: 2px; margin-top: 2px;"> <p>Dam's existing hazard classification:</p> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 2px;"> <p>Provide date and summarize results of last inspection:</p> </div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<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> <div style="border: 1px solid black; padding: 2px;"> <p>Has the facility been formally closed? Yes <input type="checkbox"/> No <input type="checkbox"/></p> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 2px;"> <p>If Yes, cite sources/documentation:</p> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 2px;"> <p>Describe the location of the project site relative to the boundaries of the solid waste management facility:</p> </div> <div style="border: 1px solid black; padding: 2px; margin-top: 2px;"> <p>Describe any development constraints due to the prior solid waste activities:</p> </div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<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> <div style="border: 1px solid black; padding: 2px;"> <p>Describe waste(s) handled and waste management activities, including approximate time when activities occurred:</p> </div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

h. Has there been a reported contamination spill at the proposed project site or have any remedial actions been conducted at or adjacent to the proposed site?

If Yes:

Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? (Check all that apply)

- Yes – Spills Incidents database Provide DEC ID number(s):
 Yes – Environmental Site Remediation database Provide DEC ID number(s):
 Neither database

If site has been subject to RCRA corrective activities, describe control measures:

Yes No

Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes No

If Yes:

DEC ID number(s):

Describe current status of site(s):

E.1.h. (cont.) – only answer following if checked “Yes” above

Is the project site subject to an institutional control limiting property uses?

If Yes:

DEC site ID number(s):

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:
600 feet

b. Are there bedrock outcroppings on the project site?

If Yes:

What proportion of the site is comprised of bedrock outcroppings?
%

Yes No

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

1. Loamy Clay	50% of site
2. Sandy Clay	25% of site
3. Coarse Sand	25% of site
4.	% of site

d. What is the average depth to the water table on the project site?
25 feet

e. Drainage status of project site soils:

1.	<input checked="" type="checkbox"/> Well Drained	50% of site
2.	<input checked="" type="checkbox"/> Moderately Well Drained	50% of site
3.	<input type="checkbox"/> Poorly Drained	% of site

f. Approximate proportion of proposed action site with slopes: (include topographic map)

1.	<input checked="" type="checkbox"/> 0-10%	100% of site
2.	<input type="checkbox"/> 11-15%	% of site
3.	<input type="checkbox"/> 16% or greater	% of site

g. Are there any unique geologic features on the project site?

If Yes, describe:

Yes No

h. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)?

Yes No

i. Do any wetlands or other waterbodies adjoin the project site?

Yes No

If Yes to either E.2.h or E.2.i, continue. If No, skip to E.2.m

j. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? (include map)

Yes No

k. For each identified wetland and waterbody on the project site, provide the following information:

Streams:	Name:	Classification:
Lakes or Ponds:	Name: Leisure Village Lake	Classification:
Wetlands:	Name: NYSDEC Freshwater	Approx. Size: apx. 6.5 acres
Wetland No. (if regulated by DEC):	MD-15 & MD-16	

l. Are any of the above waterbodies listed in the most recent compilation of NYS water quality-impaired waterbodies?

If Yes, name of impaired water body/bodies and basis for listing as impaired:

Yes No

m. Is the project site in a designated floodway?

Yes No

n. Is the project site in the 100 year floodplain?

Yes No

o. Is the project site in the 500 year floodplain?

Yes No

p. Is the project site located over or immediately adjoining a primary, principal or sole source aquifer?

If Yes:

Name of aquifer: Sole Source Aquifer; Nassau - Suffolk SSA
Source of information: USEPA

Yes No

<p>q. Identify the predominant wildlife species that occupy or use the project site:</p> <table border="1"> <tr> <td>Suburban deer, rodents, rabbits, avian species</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>		Suburban deer, rodents, rabbits, avian species					
Suburban deer, rodents, rabbits, avian species							
<p>r. Does the project site contain a designated significant natural community?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Describe the habitat/community (composition, function and basis for designation):</td> </tr> <tr> <td>Source(s) of description or evaluation:</td> </tr> <tr> <td>Extent of community/habitat: - Currently: 740.98, 1176.28 acres - Following completion of project as proposed: acres - Gain or loss (indicate + or -): acres</td> </tr> </table>	Describe the habitat/community (composition, function and basis for designation):	Source(s) of description or evaluation:	Extent of community/habitat: - Currently: 740.98, 1176.28 acres - Following completion of project as proposed: acres - Gain or loss (indicate + or -): acres	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>			
Describe the habitat/community (composition, function and basis for designation):							
Source(s) of description or evaluation:							
Extent of community/habitat: - Currently: 740.98, 1176.28 acres - Following completion of project as proposed: acres - Gain or loss (indicate + or -): acres							
<p>s. 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?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Species and listing (endangered or threatened): tiger salamander</td> </tr> <tr> <td>Nature of use of site by the species (e.g., resident, seasonal, transient): previously identified to the area west of easement with breeding in wetlands</td> </tr> </table>	Species and listing (endangered or threatened): tiger salamander	Nature of use of site by the species (e.g., resident, seasonal, transient): previously identified to the area west of easement with breeding in wetlands	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>				
Species and listing (endangered or threatened): tiger salamander							
Nature of use of site by the species (e.g., resident, seasonal, transient): previously identified to the area west of easement with breeding in wetlands							
<p>t. Does project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Species and listing:</td> </tr> <tr> <td>Nature of use of site by the species (e.g., resident, seasonal, transient):</td> </tr> </table>	Species and listing:	Nature of use of site by the species (e.g., resident, seasonal, transient):	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>				
Species and listing:							
Nature of use of site by the species (e.g., resident, seasonal, transient):							
<p>u. Is the project site or adjoining area currently used for hunting, trapping, fishing or shellfishing?</p> <p>If Yes, give a brief description of how the proposed action may affect that use:</p> <table border="1"> <tr> <td></td> </tr> </table>		<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>					
<p>E.3. Designated Public Resources On or Near Project Site</p>							
<p>a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304?</p> <p>If Yes, provide county plus district name/number:</p> <table border="1"> <tr> <td></td> </tr> </table>		<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>					
<p>b. Are agricultural lands consisting of highly productive soils present?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Acreage(s) on project site:</td> </tr> <tr> <td>Source(s) of soil rating(s):</td> </tr> </table>	Acreage(s) on project site:	Source(s) of soil rating(s):	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>				
Acreage(s) on project site:							
Source(s) of soil rating(s):							

<p>c. Does the project site contain all or part of, or is it substantially contiguous to a registered National Natural Landmark?</p> <p>If Yes:</p> <p>Nature of the natural landmark: <input type="checkbox"/> Biological Community; <input type="checkbox"/> Geological Feature</p> <p>Provide brief description of landmark, including values behind designation and approximate size/extent:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area, including Special Groundwater Protection Areas?</p> <p>If Yes:</p> <p>CEA name: Central Suffolk Pine Barrens, SGPA</p> <p>Basis for designation: Benefit to human health & protect drinking water, protect groundwater</p> <p>Designating agency and date: Agency: Suffolk County Agency: LI Regional Planning, Date: 2-10-88, Date: 3-19-93</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>e. Does the project site contain, or is it substantially contiguous to, a building, archeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places?</p> <p>If Yes:</p> <p>Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site; <input checked="" type="checkbox"/> Historic Building or district</p> <p>Name: Obadiah Smith House</p> <p>Brief description of attributes on which listing is based: Although not substantially contiguous, the Obadiah Smith House, 96NR01061 is located approximately 1,000 feet to the east of the project work on St. Johnland Road</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>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?</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>g. Have additional archaeological or historic site(s) or resources been identified on the project site?</p> <p>If Yes:</p> <p>Describe possible resource(s): NYSOHP indicated no significant cultural resources on the adjacent site</p> <p>Basis for identification: Easement previously disturbed</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>h. Would the project site be visible from any officially designated and publicly assessable federal, state or local scenic or aesthetic resource?</p> <p>If Yes:</p> <p>Identify resource:</p> <p>Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):</p> <p>Distance between project and resource:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

<p>i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR Part 666?</p> <p>If Yes:</p> <p>Identify the name of the river and its designation:</p> <p>Is the activity consistent with development restrictions contained in 6 NYCRR Part 666?</p> <p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
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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: Ben Wright, P.E./DPW/Sewer District No. 20

Date: 3/1/17

Signature: Ben Wright

Title: Principal Civil Engineer



Leisure Village WWTP

(a) This section applies to any and all disposal systems permanently removed from use or operation at SPDES permitted facilities or at facilities for which a SPDES permit has been revoked or an application for renewal denied, unless a judicial or administrative stay is in effect. The intent of this section is to protect public safety and health and to assure that no contamination of ground or surface water will occur as a result of removing such systems from service either through the act of closure or through continuing the discharge of pollutants into or through equipment, or through leaking, leaching, or discharge of pollutants from wastewater or residuals remaining in disposal systems which has been removed from use but remains on site.

(b) The closure of a disposal system means either the termination of the source of wastewater or stormwater, or the permitted conveyance of wastewater or stormwater to an alternate location (such as a regional facility) in such a manner that no further treatment storage or conveyance of wastewater or stormwater is performed by the system.

(c) Disposal system closures shall conform with the following procedures:

(1) On or before 60 calendar days prior to taking the system out of service a permittee shall:

(i) Submit to the Regional Water Engineer the following information concerning closure activities:

'(a)' The date the system will cease operation;

'(b)' The date the influent and effluent pipes will be sealed;

'(c)' Plans (signed and sealed by a New York State licensed professional engineer) for final disposition of the physical facilities, including all treatment units, outfall line, and all mechanical and electrical equipment and piping;

'(d)' Plans (signed and sealed by a New York State licensed professional engineer) for elimination of all equipment and/or conditions that could possibly pose a safety hazard, either during or after shut-down of operations;

'(e)' Verification that there are no lines in the collection system which are cross connected (receiving both sanitary and storm water) or which do not contain adequate conveyance capacity.

'(f)' The name of the licensed individual responsible for the maintenance and operation of the wastewater pumping station and/or disposal system systems that are still to be maintained; and

(ii) Notify the Regional Water Engineer, in writing, concerning any deactivated lagoons or other actual or potential discharges to ground water which may exist at the site.

(2) Proper management and/or removal of all residual materials (collected grit and screenings, scums, sand bed material, and dried or liquid sludges), as well as filter media, and all other solids from the treatment process that may remain in the abandoned treatment works is required.

(i) The permittee shall submit to the Regional Water Engineer proof of ownership or contractual arrangement with an operation or operations permitted to manage all such waste materials. A contract with a hauler will only be accepted as proof of proper waste management if documentation of management at an approved site or sites is included. In addition, all necessary State or Federal permits/approvals must accompany the submission.

(ii) All residual material shall be removed within 180 calendar days after the system is taken out of service. Proof of proper residuals management shall be submitted to the Regional Water Engineer within 30 calendar days after their removal. The dates of removal and quantities removed shall be specified.

(d) Upon satisfaction of closure requirements specified in (c) above, the Regional Water Engineer shall be contacted, in writing, to schedule a final site inspection of any disposal system which had a SPDES discharge permit to verify that influent and effluent pipes have been sealed and that all solid and residual materials related to the treatment process have been removed.

PART OF TAX LOT 1.1
PROPOSED SEWAGE TREATMENT
PLANT EXPANSION AREA

TAX LOT 1.2
SEWAGE TREATMENT
COLLECTOR PIPE

W I L L I A M F L O Y D P A R K W A Y

N76°41'50"E
106.83'

330.00' S13°18'10"E

N76°41'50"E 370.00'

240.00' S13°18'10"E

616.25' S13°18'10"E

684.83'

N 84°37'00" W

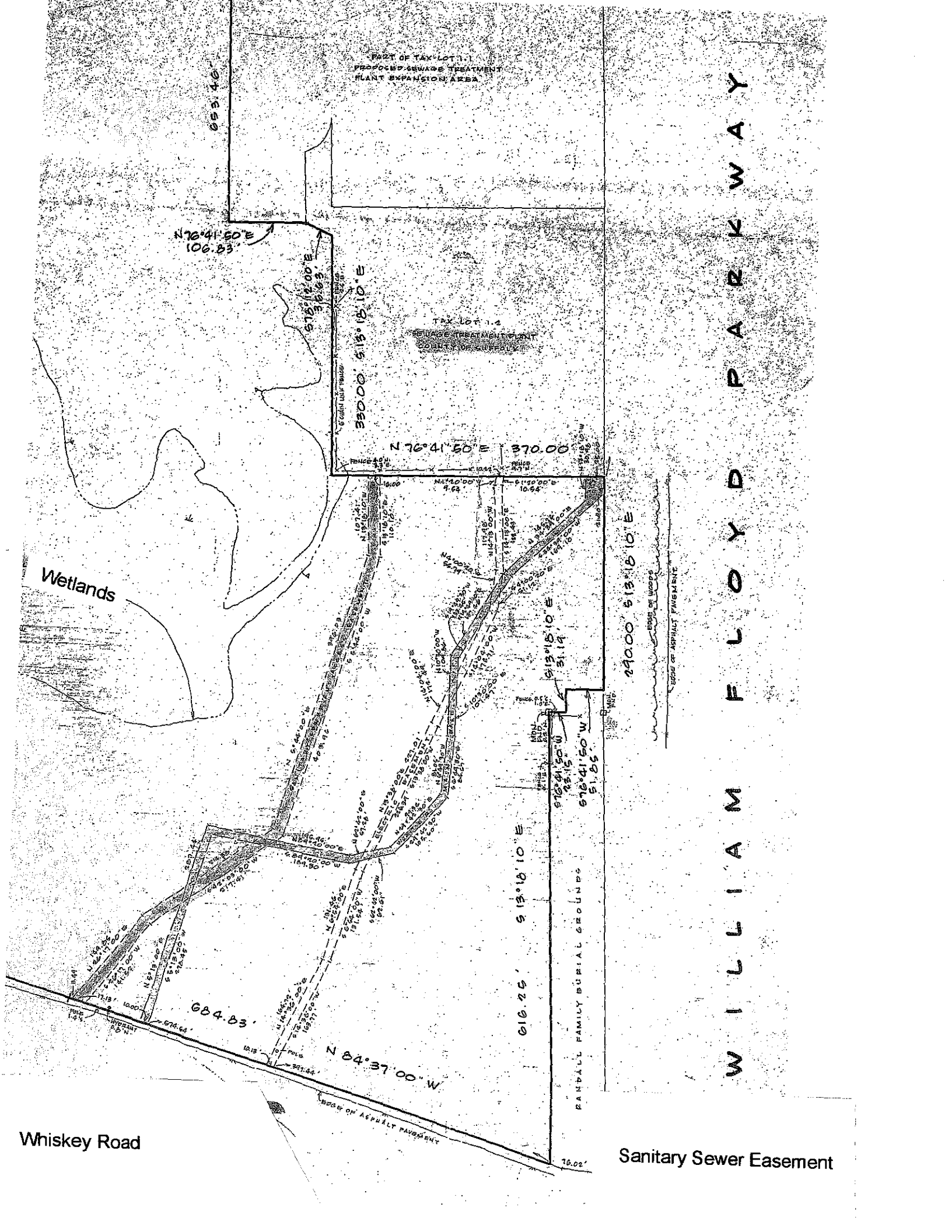
Wetlands

EDGE OF WOODS
EDGE OF ASPHALT PAVEMENT

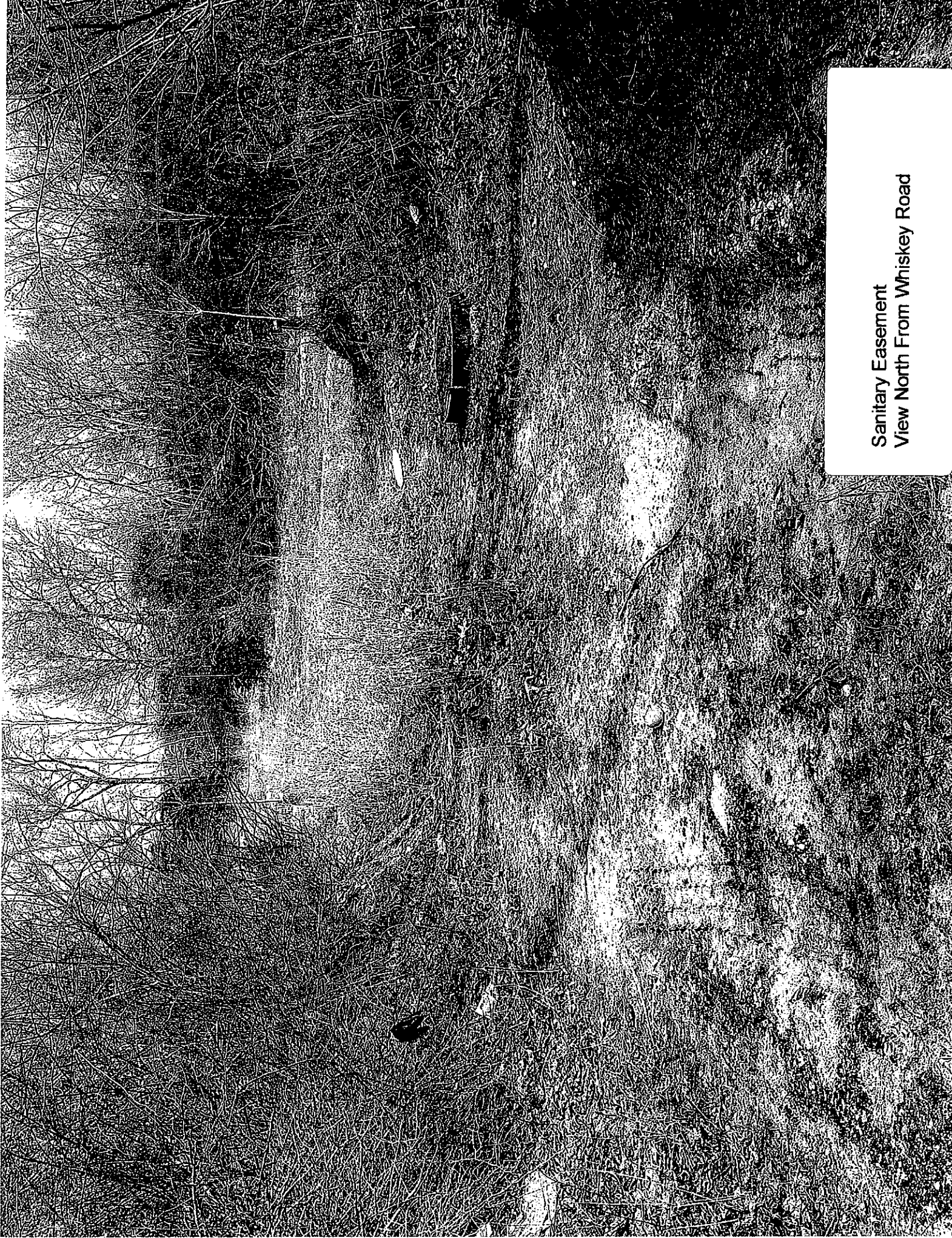
RANDALL FAMILY BURIAL GROUNDS

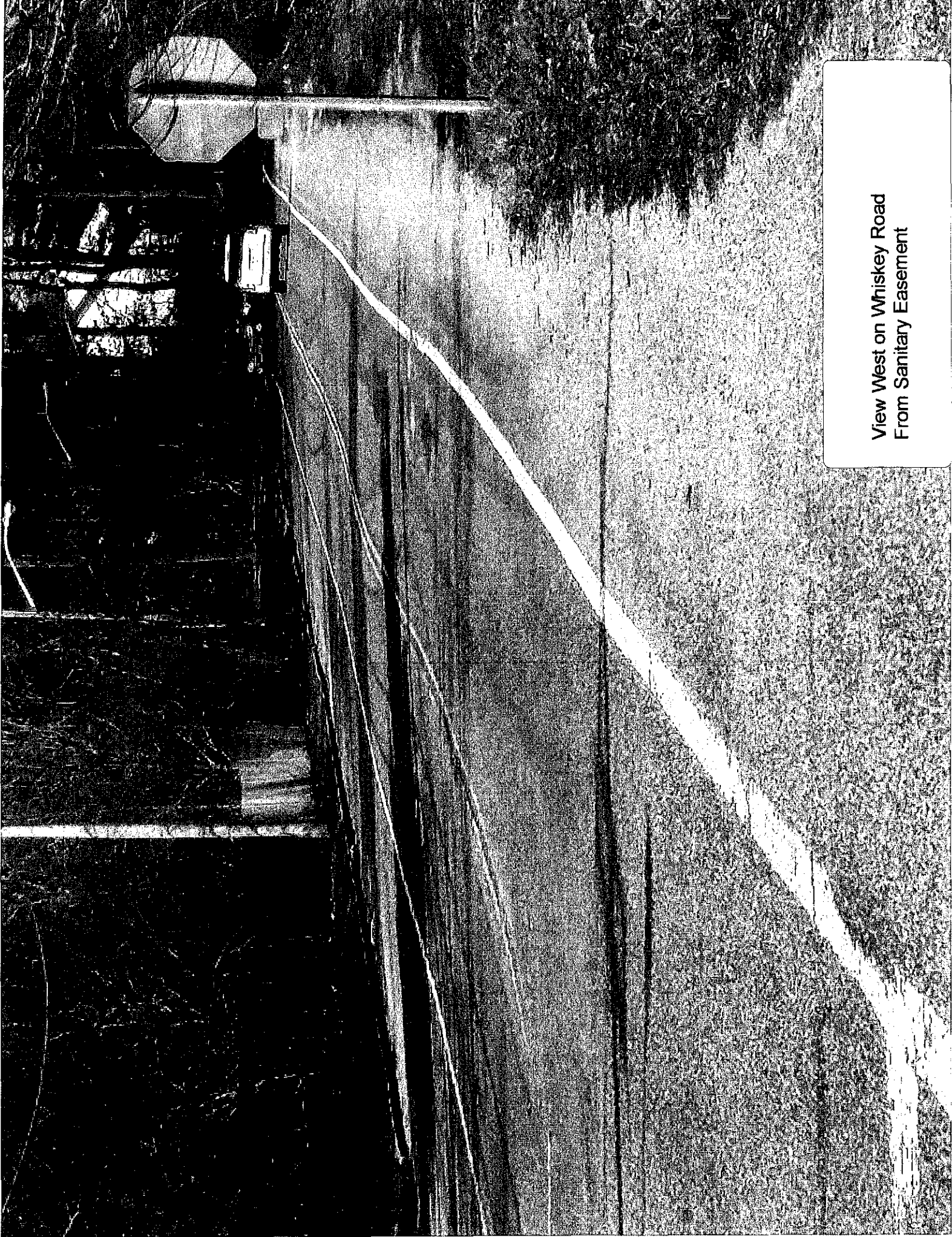
Whiskey Road

Sanitary Sewer Easement



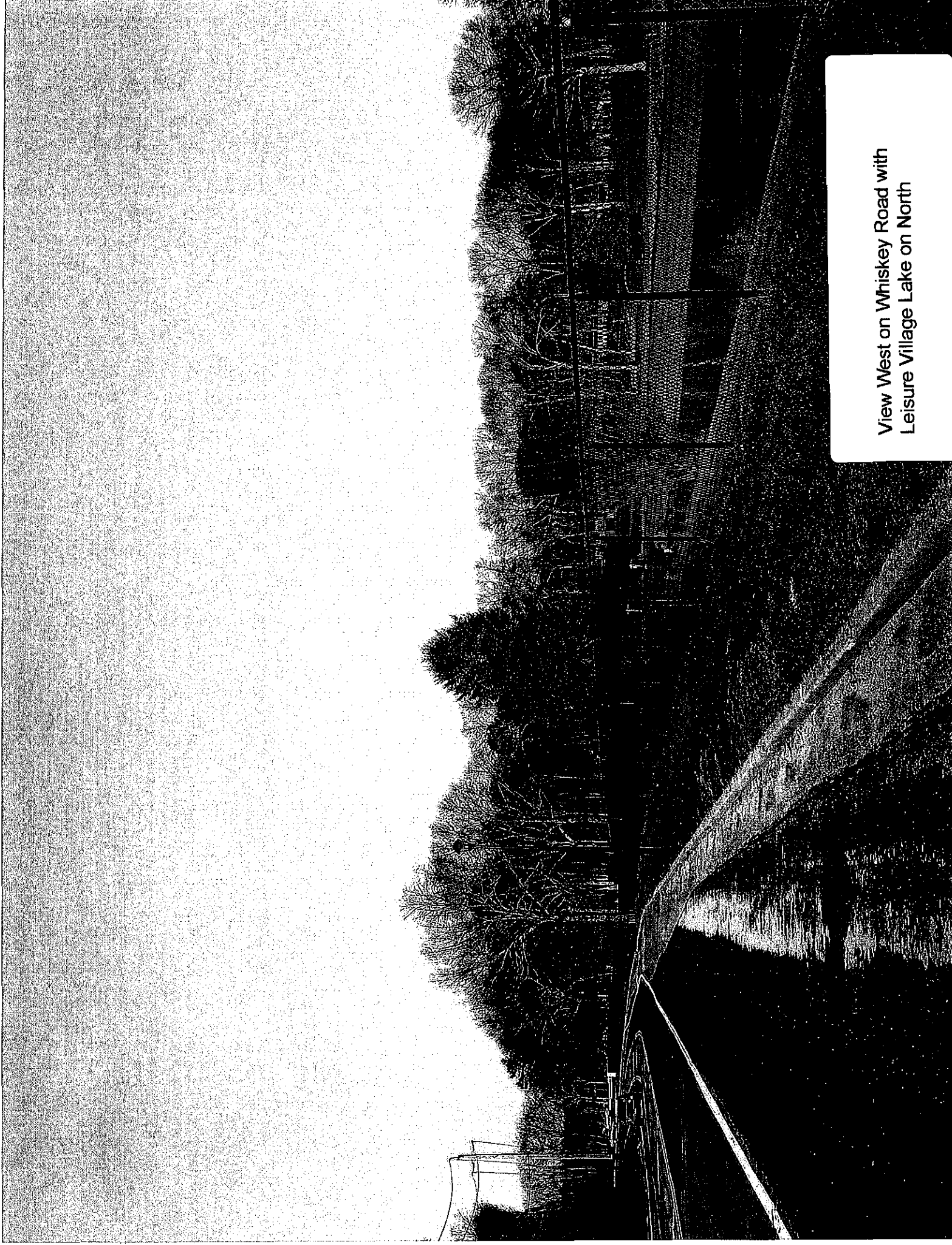
Sanitary Easement
View North From Whiskey Road

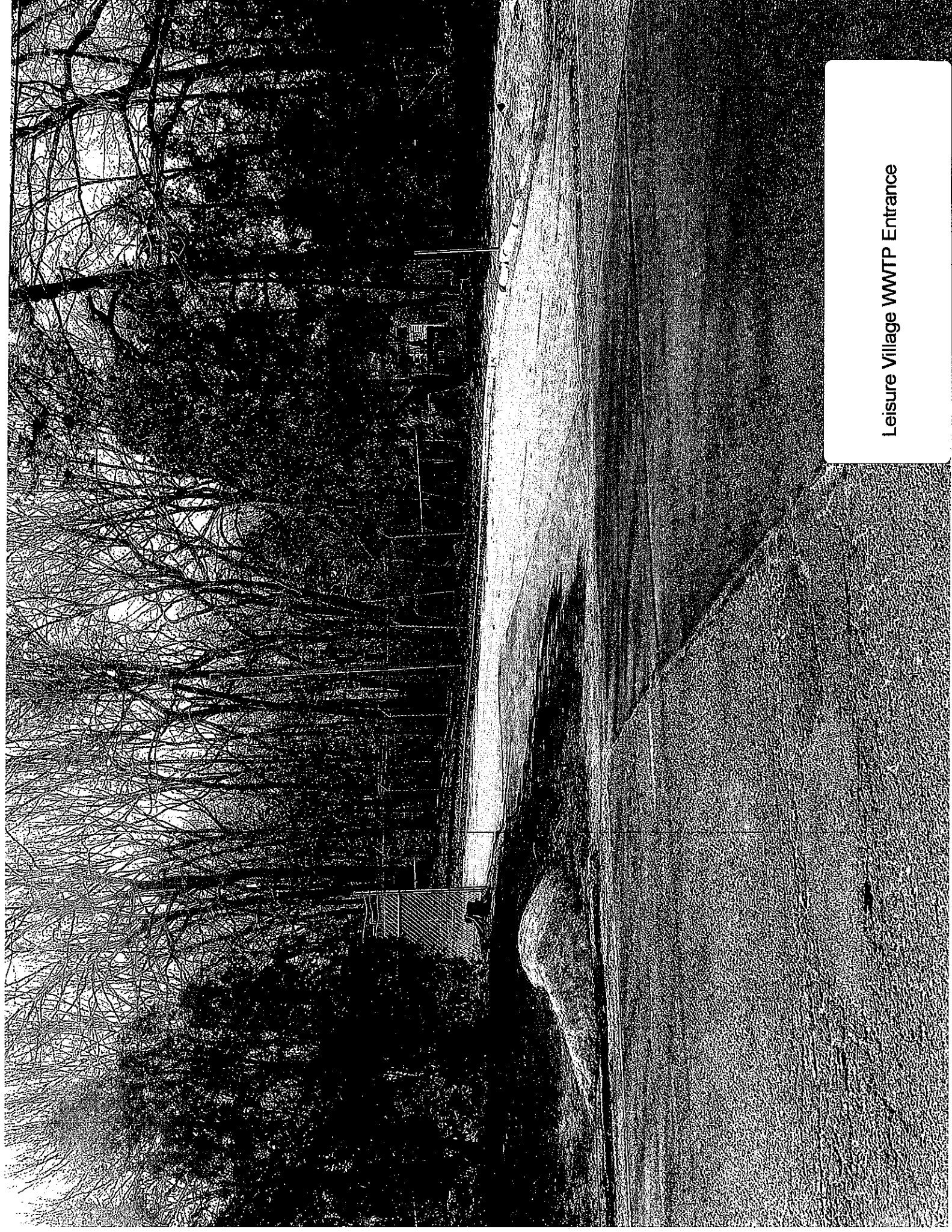




View West on Whiskey Road
From Sanitary Easement

View West on Whiskey Road with
Leisure Village Lake on North





Leisure Village WWTP Entrance

Wetland Resource Mapper

Base Map: NYS Aerial

Search for:

Map Features

Designations for Rivers/Streams



Designations for Lakes

Designations for Freshwater Wetlands

Wetlands

Wetland Zone

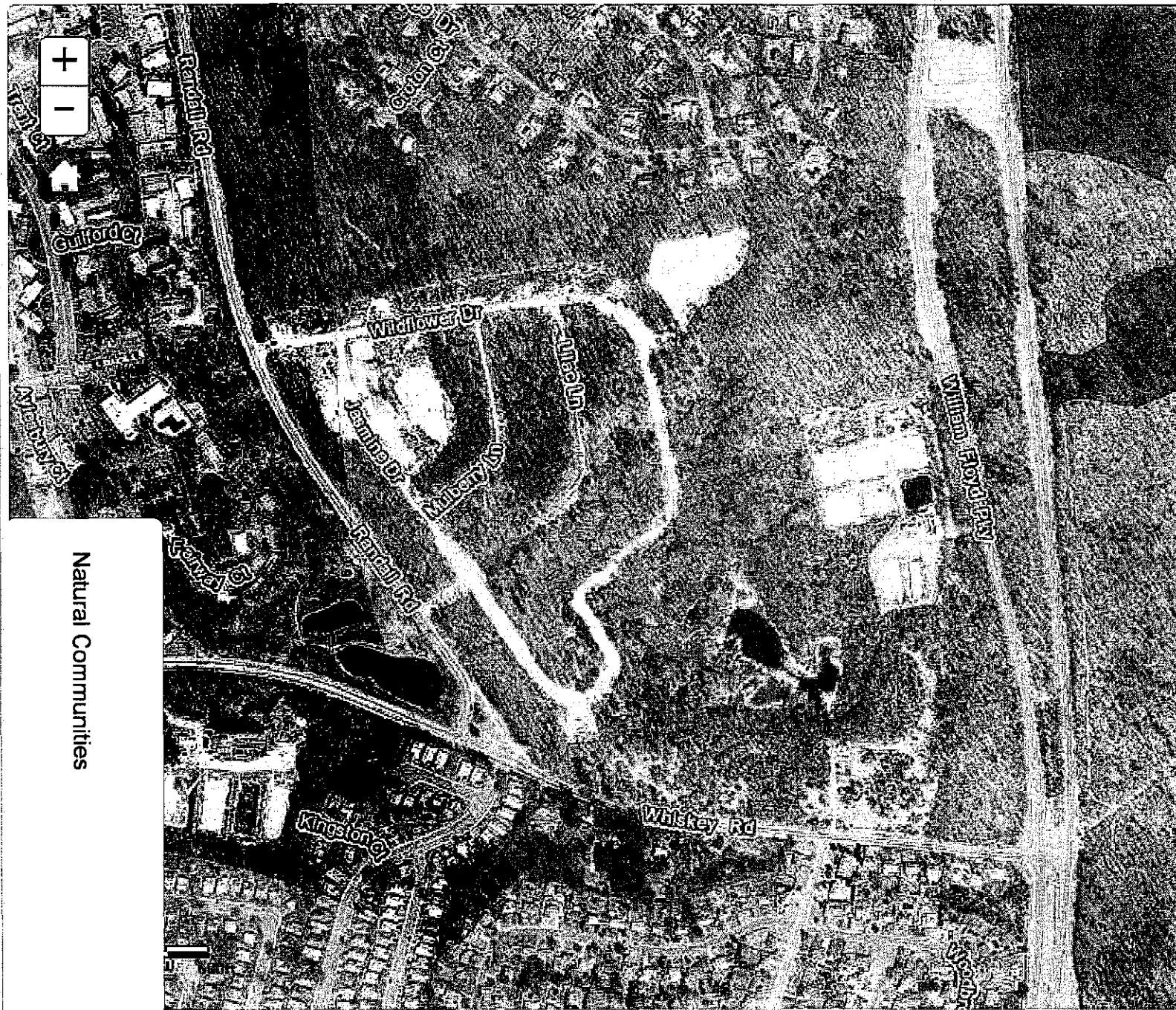


Location



tal Resource Mapper

- Features
- ifications for Rivers/Streams
- ifications for Lakes
- reshwater Wetlands
- Wetland Checkzone
- Communities
- unities Near This Location
- are Animals



Natural Resource Mapper

Base Map: **NYS A**

Map Features

Locations for Rivers/Streams



Locations for Lakes

Freshwater Wetlands

100-foot Wetland Checkzone



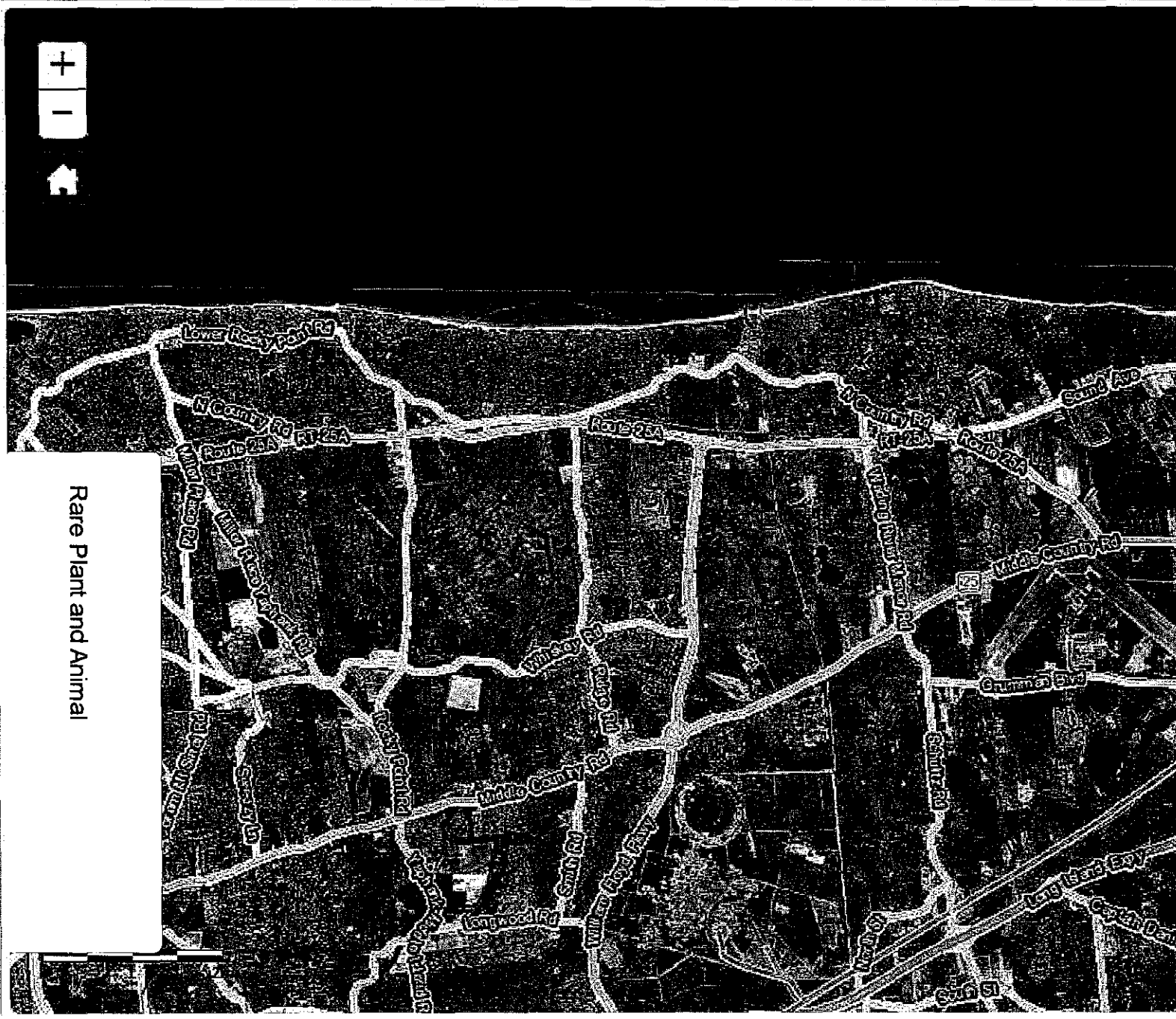
Map Communities

Map Communities Near This Location



Map Rare Animals

Map



SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
 6 NYCRR Part 617
 State Environmental Quality Review

Part 2 – Identification of Potential Project Impacts

Instructions: Part 2 is to be completed by the lead agency. It 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.

Tips for completing Part 2:

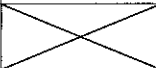
- _____ Review all of the information provided in Part 1.
- _____ Review any application, maps, supporting materials and the Full EAF Workbook.
- _____ Answer each of the 18 questions in Part 2.
- _____ If you answer “YES” to a numbered question, please complete all the questions that follow in that section.
- _____ If you answer “NO” to a numbered question, move on to the next numbered section.
- _____ 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 The proposed action may involve construction on, or physical alteration of the land surface of the proposed site. (See Part 1.D.1) YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> <i>If “YES”, answer questions a-h. If “NO”, move on to Section 2.</i>			
	Relevant Part 1 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.	E.2.d <input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____	The proposed action may involve construction on slopes of 15% or greater.	E.2.f <input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____	The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E.2.a <input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____	The proposed action may involve the excavation and removal of more than 1,000 tons of natural	D.2.a <input checked="" type="checkbox"/>	<input type="checkbox"/>

material.			
e. _____ The proposed action may involve construction that continues for more than one year or in multiple phases.	D.1.g	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. _____ The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D.2.e D.2.q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action is, or may be, located within a Coastal Erosion hazard area.	B.ix	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:	XXXX	<input type="checkbox"/>	<input type="checkbox"/>

2. _____ Impact on Geological Features			
The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1.E.2.g)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<i>If "YES", answer questions a-c. If "NO", move on to Section 3.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ Identify the specific land form(s):	E.2.g	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature:	E.3.c	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ Other impacts:	XXXX	<input type="checkbox"/>	<input type="checkbox"/>

3. _____ Impact 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)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<i>If "YES", answer questions a-l. If "NO", move on to Section 4.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may create a new water body	D.1.j D.2.b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D.2.b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D.2.a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E.2.h E.2.i	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by	D.2.a D.2.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>

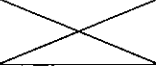
disturbing bottom sediments.			
f. _____ The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D.2.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D.2.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. _____ The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D.2.e	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. _____ The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E.2.h – E.2.l	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j. _____ The proposed action may involve the application of pesticides or herbicides in or around any water body.	D.2.q E.2.h – E.2.l	<input checked="" type="checkbox"/>	<input type="checkbox"/>
k. _____ The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D.1.a D.2.d	<input type="checkbox"/>	<input checked="" type="checkbox"/>
l. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

4. _____ Impact on Groundwater			
The proposed action may result in new or additional use of groundwater, or may have the potential to introduce contaminants to groundwater or an aquifer. (See Part 1.D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<i>If "YES", answer questions a-h. If "NO", move on to Section 5.</i>			
	Relevant Part 1 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.	D.2.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source:	D.2.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may allow or result in residential uses in areas without water and sewer services.	D.1.a D.2.c – D.2.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may include or require wastewater discharged to groundwater.	D.2.d E.2.p	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D.2.c E.1.f – E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D.2.p E.2.p	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	D.2.q E.2.h – E.2.l E.2.p D.2.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>

h. _____ Other impacts:	☒	<input type="checkbox"/>	<input type="checkbox"/>
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5. _____ Impact on Flooding The proposed action may result in development on lands subject to flooding. (See Part 1.E.2) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <i>If "YES", answer questions a-g. If "NO", move on to Section 6.</i>			
	Relevant Part 1 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.	E.2.m	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in development within a 100 year floodplain.	E.2.n	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may result in development within a 500 year floodplain.	E.2.o	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in, or require, modification of existing drainage patterns.	D.2.b D.2.e	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may change flood water flows that contribute to flooding.	D.2.b E.2.m – E.2.o	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ If there is a dam located on the site of the proposed action, the dam has failed to meet one or more safety criteria on its most recent inspection.	E.1.e	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ Other impacts:	☒	<input type="checkbox"/>	<input type="checkbox"/>

6. _____ Impact 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) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <i>If "YES", answer questions a-f. If "NO", move on to Section 7.</i>			
	Relevant Part 1 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 (CO2)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
ii. _____ More than 3.5 tons/year of nitrous oxide (N2O)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
iii. _____ More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
iv. _____ More than .045 tons/year of sulfur hexafluoride (SF6)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
v. _____ More than 1000 tons/year of carbon dioxide equivalent of hydrochlorofluorocarbons (HCFCs) emissions	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
vi. 43 tons/year or more of methane	D.2.h	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>


air pollutants.			
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.	D.2.f D.3.g	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may reach 50% of any two or more of the thresholds in "a" through "c", above.	D.1.i D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D.2.s	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

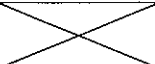
7. _____ Impact on Plants and Animals			
The proposed action may result in a loss of flora or fauna. (See Part 1.E.2.q – E.2.u) <i>If "YES", answer questions a-j. If "NO", move on to Section 8.</i>		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	Relevant Part 1 Question(s)	No, 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.	E.2.s	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E.2.s	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E.2.t	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E.2.t	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E.3.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source:	E.2.r	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E.2.q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. _____ The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source:	E.1.b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. _____ Proposed action (commercial, industrial or recreational projects, only) involves use of	D.2.q	<input checked="" type="checkbox"/>	<input type="checkbox"/>

herbicides or pesticides.			
j. _____ Other impacts:	X	<input type="checkbox"/>	<input type="checkbox"/>

8. _____ Impact on Agricultural Resources The proposed action may impact agricultural resources. YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See Part 1.E.3.a & E.3.b) <i>If "YES", answer questions a-h. If "NO", move on to Section 9.</i>			
	Relevant Part 1 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.	E.2.c E.3.b	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc.).	E.1.a E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E.3.b	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District or more than 10 acres if not within an Agricultural District.	E.1.b E.3.a	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may disrupt or prevent installation of an agricultural land management system.	E.1.a E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C.2.c, C.3 D.2.c, D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C.2.c	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:	X	<input type="checkbox"/>	<input type="checkbox"/>

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. (See Part 1.E.1.a, E.1.b, E.3.h) <i>If "YES", answer questions a-g and complete Appendix B - Visual EAF Addendum. If "NO", move on to Section 10.</i>			
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>			
	Relevant Part 1 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.	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may	C.2.b	<input type="checkbox"/>	<input type="checkbox"/>

result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E.3.h		
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	E.3.h E.3.h	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
d. _____ The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E.3.h E.2.u E.1.c	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
e. _____ The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ There are similar projects visible within the following distance of the proposed project: 0 – ½ mile ½ – 3 mile 3 – 5 mile 5+ mile	D.1.a D.1.h D.1.i E.1.a	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
g. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

10. _____ Impact on Historic and Archeological Resources			
The proposed action may occur in or adjacent to an historic or archaeological resource. (See Part 1.E.3.e, E.3.f, E.3.g)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<i>If "YES", answer questions a-e. If "NO", move on to Section 11.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places.	E.3.e	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E.3.f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source:	E.3.g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>
e. _____ If any of the above (a-d) are answered "Yes", 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.	E.3.e – E.3g	<input type="checkbox"/>	<input type="checkbox"/>

ii. The proposed action may result in the alteration of the property's setting or integrity.	E.1.a, E.1.b E.3.e – E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	C2, C3 E.3.g, E.3.h	<input type="checkbox"/>	<input type="checkbox"/>

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.u)
 If "YES", answer questions a-e. If "NO", move on to Section 12.

YES NO

	Relevant Part 1 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, and wildlife habitat.	D.2.e, E.1.b E.2.h – E.2.l E.2.q – E.2.t	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in the loss of a current or future recreational resource.	C.2.a, C.2.c E.1.c, E.2.u	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C.2.a, C.2.c E.1.c, E.2.u	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C.2.c, E.1.c	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ Other impacts:	_____	<input type="checkbox"/>	<input type="checkbox"/>

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", move on to Section 13.


YES NO

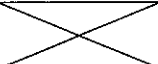
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E.3.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E.3.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ Other impacts:	_____	<input type="checkbox"/>	<input type="checkbox"/>

13. _____ Impact on Transportation
 The proposed action may result in a change to existing transportation systems. (See Part 1.D.2.j)
 If "YES", answer questions a-f. If "NO", move on to Section 14.

YES NO

	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ Projected traffic increase	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>

may exceed capacity of existing road network.			
b. _____ The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action will degrade existing transit access.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action will degrade existing pedestrian or bicycle accommodations.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may alter the present pattern of movement of people or goods.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

14. _____ Impact on Energy			
The proposed action may cause an increase in the use of any form of energy (See Part 1.D.2.k)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<i>If "YES", answer questions a-e. If "NO", move on to Section 15.</i>			
	Relevant Part 1 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.	D.2.k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D.1.h D.1.i D.2.k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D.2.k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D.1.i	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

15. _____ Impact on Noise, Odor and Light			
The proposed action may result in an increase in noise, odors or outdoor lighting (See Part 1.D.2.m, D.2.n, D.2.o)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<i>If "YES", answer questions a-f. If "NO", move on to Section 16.</i>			
	Relevant Part 1 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.	D.2.m	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D.2.m E.1.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may result in routine odors for more than one hour per day.	D.2.o	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in light shining onto adjoining properties.	D.2.n	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in lighting that creates sky-glow brighter than existing-area conditions.	D.2.n E.1.a	<input checked="" type="checkbox"/>	<input type="checkbox"/>

f. _____ Other impacts:	☒	<input type="checkbox"/>	<input type="checkbox"/>
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16. _____ Impact on Human Health
 The proposed action may have an impact on human health from exposure to new or existing sources of contaminants (See Part 1.D.2.q, E.1.d, E.1.f, E.1.g, E.1.h)
 YES NO
If "YES", answer questions a-m. If "NO", move on to Section 17.

	Relevant Part 1 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.	E.1.d	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The site of the proposed action is currently undergoing remediation.	E.1.g, E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ There is a completed emergency spill remediation or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E.1.g E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The site of the action is subject to an institutional control limiting the use of the property (e.g. easement, deed restriction)	E.1.g E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E.1.g E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D.2.t	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action involves construction or modification of a solid waste management facility.	D.2.q E.1.f	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ The proposed action may result in the unearthing of solid or hazardous waste.	D.2.q E.1.f	<input type="checkbox"/>	<input type="checkbox"/>
i. _____ The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D.2.r D.2.s	<input type="checkbox"/>	<input type="checkbox"/>
j. _____ The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E.1.f – E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
k. _____ The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E.1.f E.1.g	<input type="checkbox"/>	<input type="checkbox"/>
l. The proposed action may result in the release of contaminated leachate from the project site.	D.2.r, D.2.s E.1.f	<input type="checkbox"/>	<input type="checkbox"/>
m. _____ Other impacts:	☒	<input type="checkbox"/>	<input type="checkbox"/>

17. _____ Consistency with Community Plans
 The proposed action is not consistent with adopted land use plans. (See Part 1.C.1, C.2, C.3)
 YES NO
If "YES", answer questions a-h. If "NO", move on to Section 18.

SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
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**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.

Please see the attached Part III evaluation for the Part II Questions where the "Moderate to large impact may occur" box was checked.

**Sewer District No. 20, William Floyd
Improvement and Expansion, CP 8148**

**Part 3 – Evaluation of the Magnitude and Importance of Project Impacts and Determination
of Significance**

For EAF Part II Question 1.e which states “The proposed action may involve construction that continues for more than one year or in multiple phases” the moderate to large box was checked because the proposed project is anticipated to take 15 months. However, this project length is not anticipated to result in a significant adverse impact on the environment because while the construction of the force main, pumping station and expansion of the Leisure Village Sewage Treatment plant is anticipated to take fifteen months, the construction at any one individual location along the piping system will be of much shorter duration. In addition the construction of the pumping station and force main will take place at the existing Sewage Treatment Plants and this work is not expected to have a significant impact on the surrounding community.

For EAF Part II Question 16.c which states “The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities” the moderate to large box was checked because the proposed project will result in the expansion of the Leisure Village Sewage Treatment Plant. However, this project is not anticipated to result in a significant adverse impact on the environment due to the nature of the project and the relatively small proposed increase in size to the Leisure Village Sewage Treatment Plant. Sewer District No. 20 currently has two Sewage Treatment Plants: Leisure Village and Ridgehaven Estates. The proposed action proposes to abandon Ridgehaven Estates (the smaller of the two Sewage Treatment Plants) and construct a pump station and force main to transport the untreated wastewater to Leisure Village Sewage Treatment Plant. To accommodate this wastewater the Leisure Sewage Treatment Plant would be expanded by approximately 100,000 gallons per day. The Ridgehaven Estates sewage treatment plant is near the end of its useful life and this action will insure the continued and proper treatment of Sewer District No. 20’s wastewater. In addition, this proposed action will not result in an increase in treated wastewater for the Sewer District as the action involves the transfer of wastewater from one of STP to another STP located approximately half a mile away.

COUNTY OF SUFFOLK



Steven Bellone
SUFFOLK COUNTY EXECUTIVE

**Department of
Economic Development and Planning**

Theresa Ward
Commissioner

**Division of Planning
and Environment**

March 6, 2017

Ms. Gloria Russo, Chairperson
Council On Environmental Quality
H. Lee Dennison Building - 11th Floor
100 Veterans Memorial Highway
Hauppauge, New York 11788

Dear Ms. Russo:

Attached for your review and consideration is an Introductory Resolution authorizing the acquisition of land for open space preservation purposes known as the Cordwood Landing Addition – Baisch Properties in the Town of Brookhaven. Please review the proposal and forward the Council's SEQRA recommendation to the County Executive and Legislature. Attached is a short EAF for your consideration.

Sincerely,

Sarah Lansdale
Director of Planning

cc: Laretta R. Fischer, Chief Environmental Analyst
Andrew Freleng, Chief Planner
John Corral, Senior Planner
Melissa Kangas, Planning Aide

RESOLUTION NO. - 2017 AUTHORIZING THE ACQUISITION OF LAND UNDER THE NEW ENHANCED SUFFOLK COUNTY DRINKING WATER PROTECTION PROGRAM 2014 REFERENDUM – LAND PURCHASES FOR OPEN SPACE PRESERVATION (CP8732.210) - FOR THE BAISCH PROPERTY – CORDWOOD LANDING COUNTY PARK ADDITION (TOWN OF BROOKHAVEN – SCTM’S# 0200-027.00-03.00-001.001, 0200-027.00-03.00-001.002, 0200-027.00-03.00-001.003, 0200-027.00-03.00-001.004 & 0200-027.00-03.00-001.005)

WHEREAS, Local Law No. 31-2014, a Charter Law Amending the ¼% Suffolk County Drinking Water Protection Program (DWPP) for Enhanced Water Quality Protection, Wastewater Infrastructure and General Fund Property Tax Relief for Suffolk County, created the 2014 Enhanced Suffolk County Water Quality Protection Program, codified in Suffolk County Charter Article XIA; and

WHEREAS, in November of 2014, two-thirds of Suffolk County voters approved Proposition No. 5-2014, enacting the provisions of Resolution No. 579-2014. Local Law No. 31-2014, “A Charter Law Amending the ¼% Suffolk County Drinking Water Protection Program (DWPP) for Enhanced Water Quality Protection, Wastewater Infrastructure and General Property Fund Tax Relief for Suffolk County.” This Proposition recognized the essential nature of the Drinking Water Protection Program to the well-being of the County’s drinking water supply and required \$29.4 million in serial bonds be issued through the Capital Program for water quality protection program projects; and

WHEREAS, THE 2016 Adopted Capital Budget contains three water quality protection 2014 Referendum capital projects totaling \$29.4 million; CP 8732 for land purchases (\$20.0 million), CP 8733 for water quality projects (\$4.7 million), CP 8734 for sewer improvement projects (\$4.7 million); and

WHEREAS, this capital project provides \$20 million in serial bond funding for the acquisition by the County, by fee, lease or easement, of interests in land associated with the Suffolk County Drinking Water Protection Program; and

WHEREAS, Resolution No.1087-2014, authorized planning/appraisal steps and Procedural Motion No. 23-2016 authorized acquisition for the acquisition of said property; and

WHEREAS, the Town of Brookhaven (“Town”) has approved Resolution No. 2015-0356 on May 7, 2015 authorizing the acquisition of the subject property in partnership with the County of Suffolk; and

WHEREAS, the Environmental Trust Review Board has reviewed the appraisals and the report of the Internal Appraisal Review Board and has approved the purchase price and authorized the Director of Real Estate and/or his designee to negotiate the acquisition; and

WHEREAS, based upon the Environmental Trust Review Board approved value, an offer to acquire the subject property was made to and accepted by the owner of said property; and

WHEREAS, contracts to acquire said property were prepared by the office of the County Attorney, executed by the owner of the subject property and the Director of Real Estate and/or his designee and approved as to legality form by the Office of the County Attorney; now, therefore, be it:

1st RESOLVED, that the County of Suffolk hereby approves the acquisition of the subject property set forth below under the New Enhanced Suffolk County Drinking Water Protection Program, effective as of June 14, 2016, Open Space component, for a total purchase price of [REDACTED] which cost is to be shared by the County of Suffolk and the Town, with the County of Suffolk's share, totaling [REDACTED] for a [REDACTED] undivided interest; and the Town's share, totaling [REDACTED] for a [REDACTED] undivided interest, subject to a final survey; and hereby authorizes additional expenses, which shall include, but not be limited to, the cost of surveys, appraisals, environmental audits, title reports and insurance, and tax adjustments:

<u>PARCEL:</u>	<u>SUFFOLK COUNTY TAX MAP NUMBER:</u>	<u>ACRES:</u>	<u>REPUTED OWNER AND ADDRESS:</u>
No. 1	District 0200 Section 027.00 Block 03.00 Lot 001.001	5.4344±	Mark E. Baisch 475 Route 25A Rocky Point, NY 11778
No. 2	District 0200 Section 027.00 Block 03.00 Lot 001.002		
No. 3	District 0200 Section 027.00 Block 03.00 Lot 001.003		
No. 4	District 0200 Section 027.00 Block 03.00 Lot 001.004		
No. 5	District 0200 Section 027.00 Block 03.00 Lot 001.005		

; and, be it further

2nd RESOLVED, that the Director of Real Estate and/or his designee, is hereby authorized, empowered, and directed, pursuant to Section C42-3(C)(3) of the SUFFOLK COUNTY CHARTER, to acquire the parcel(s) listed herein above from the reputed owner, the funding for which shall be provided under the New Enhanced Suffolk County Drinking Water Protection Program, effective June 14, 2016, Section C12A-2(B)(1) of the SUFFOLK COUNTY CHARTER,

for the County's purchase price of [REDACTED], subject to a final survey; and, be it further

3rd RESOLVED, that the County Comptroller is hereby authorized to reserve and to pay [REDACTED] subject to a final survey, from previously appropriated funds in capital project 525-CAP-8732.210 for the New Enhanced Suffolk County Drinking Water Protection Program, 2014 Referendum, effective as of June 14, 2016, pursuant to the new Article XIA of the SUFFOLK COUNTY CHARTER, Section C12A-2(B)(1); and, be it further

4th RESOLVED, that the title to this acquisition shall be held by the County of Suffolk and the Town, as tenants-in-common, with the County owning a [REDACTED] undivided interest and the Town owning a [REDACTED] undivided interest; and, be it further

5th RESOLVED, that the Director of Real Estate and/or his designee; the Division of Planning and Environment; and the County Department of Public Works are hereby authorized, empowered, and directed to take such actions and to pay such additional expenses as may be necessary and appropriate to consummate such acquisition, including, but not limited to, securing appraisals, title insurance and title reports, obtaining surveys, engineering reports and environmental audits, making tax adjustments and executing such other documents as are required to acquire such County interest in said lands; and, be it further

6th RESOLVED, that the acquisition of such parcel(s) meets the following criteria as required under Section C12-2(B)(1) of the SUFFOLK COUNTY CHARTER:

- d.) lands determined by the County Department of Planning to be necessary for maintaining the quality of surface and/or groundwater in Suffolk County;
- e.) land identified by the South Shore Estuary Reserve (SSER), Peconic Estuary Program (PEP), and/or Long Island Sound Comprehensive Conservation (and) Management Plan (LICMP) as needed to protect coastal water resources;

7th RESOLVED, that the subject parcel(s) shall be transferred to the County Department of Parks, Recreation and Conservation for passive recreational use; and, be it further

8th RESOLVED, that the above activity is an unlisted action pursuant to the provisions of Title 6 NYCRR, Part 617; and, be it further

9th RESOLVED, that the Director of Real Estate and/or his designee is hereby authorized to negotiate and to enter into any necessary collateral agreements with the Town to effectuate the terms of this resolution; and, be it further

10th RESOLVED, if desired, the County of Suffolk, through its Department of Parks, Recreation and Conservation is hereby authorized to negotiate and to enter into a municipal cooperation agreement with the Town for the management of this acquisition, consistent with this program, and the terms and conditions thereof shall be approved by the Suffolk County Attorney in consultation with the respective Commissioner of the County Department of Parks, Recreation and Conservation, who is charged with the management and operation of said property; and, be it further

11th RESOLVED, that the project will not have a significant effect on the environment for the following reasons:

- 1.) the proposed use of the subject parcel(s) is passive recreation; and
- 2.) if not acquired, the property will most likely be developed for residential purposes; incurring far greater environmental impact than the proposed acquisition and preservation of the site would have; and, be it further

12th RESOLVED, that in accordance with Section 450-5(C)(4) of the SUFFOLK COUNTY CODE, the Suffolk County Council on Environmental Quality is hereby directed to prepare and circulate any appropriate notices or determinations in accordance with this resolution.

DATED:

APPROVED BY:

County Executive of Suffolk County
Date of Approval:

SUFFOLK COUNTY
SHORT ENVIRONMENTAL ASSESSMENT FORM

6 NYCRR Part 617
 State Environmental Quality Review

Instructions: The applicant or project sponsor is responsible for the completion of Part 1. Responses become part of the application for approval or funding, are subject to public review and may be subject to further verification. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current available information.

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

Part 1 – Project and Sponsor Information

Name of Action/Project: Authorizing the Acquisition of Land Under the New Enhanced Suffolk County Drinking Water Protection Program - Open Space Component - Cordwood Landing Addition - Baisch Properties		
Project Location (include map): The property is located on the east side of Landing Road, north of North Country Road and south of Cordwood Landing County Park, in the hamlet of Miller Place, Town of Brookhaven; SCTM#s 0200-027.00-03.00-001.001, 0200-027.00-03.00-001.002, 0200-027.00-03.00-001.003, 0200-027.00-03.00-001.004, 0200-027.00-03.00-001.005.		
Brief Description of Proposed Action (include purpose, intent and the environmental resources that may be affected): Acquisition of land by Suffolk County under the New Enhanced Suffolk County Drinking Water Protection Program and its dedication to the County Parks Department in order to assure it remain in open space for passive recreational use. This acquisition is to be acquired in partnership with the Town of Brookhaven (70% Suffolk County and 30% Town of Brookhaven)		
Name of Applicant/Project Sponsor: Suffolk County Division of Planning and Environment/Lauretta R. Fischer, Chief Environmental Analyst		Email: lauretta.fischer@suffolkcountyny.gov
		Telephone #: 631-853-6044
Address: 100 Veterans Memorial Highway, H. Lee Denmsion Bldg. - 2 nd Floor		
City/P.O.: Hauppauge	State: New York	Zip Code: 11788
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If No, continue to question 2.		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
2. Does the proposed action require a permit, approval or funding from any other governmental agency? If Yes, list agency(s) name and permit or approval: <input type="text" value="Town of Brookhaven"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
3a. Total acreage of the site of the proposed action: 5.43		
3b. Total acreage to be physically disturbed: 0		

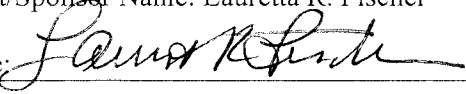
3c. Total acreage (project site and contiguous properties) owned or controlled by the applicant or project sponsor: 5.43	
4. Check all land uses that occur on, adjoining and near the proposed action: <input type="checkbox"/> Urban <input checked="" type="checkbox"/> Forest <input checked="" type="checkbox"/> Parkland <input checked="" type="checkbox"/> Agriculture <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input type="checkbox"/> Aquatic <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential (suburban) <input type="checkbox"/> Other:	
5a. Is the proposed action a permitted use under the zoning regulations?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
5b. Is the proposed action consistent with an adopted comprehensive plan?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
7. Is the site of the proposed action located in, or adjoining a state listed Critical Environmental Area (CEA)? If Yes, identify CEA: <input type="text" value="Route 25A Corridor"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
8a. Will the proposed action result in a substantial increase in traffic above present levels?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
8b. Are public transportation services available at or near the site of the proposed action?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
8c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
9. Does the proposed action meet or exceed the state energy code requirements? If the proposed action will exceed requirements, describe design features and technologies: <input type="text"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
10. Will the proposed action connect to an existing public/private water supply? If Yes , does the existing system have capacity to provide service? Yes <input type="checkbox"/> No <input type="checkbox"/> If No , describe method for providing potable water: <input type="text"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
11. Will the proposed action connect to existing wastewater utilities? If Yes , does the existing system have capacity to provide service? Yes <input type="checkbox"/> No <input type="checkbox"/> If No , describe method for providing wastewater treatment: <input type="text"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
12a. Does the site contain a structure that is listed on either the State or National Register of Historic Places or dedicated to the Suffolk County Historic Trust?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
12b. Is the proposed action located in an archeological sensitive area?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

<p>13a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?</p> <p>13b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?</p> <p>If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres:</p> <input type="text"/>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>14. Identify the typical habitat types that occur on, or are likely to be found on the project site (check all that apply):</p> <p><input type="checkbox"/> Shoreline <input checked="" type="checkbox"/> Forest <input type="checkbox"/> Agricultural/grasslands <input type="checkbox"/> Early/mid-successional</p> <p><input type="checkbox"/> Wetland <input type="checkbox"/> Urban <input type="checkbox"/> Suburban</p>	
<p>15. Does the site of the proposed action contain any species of animal or associated habitats, listed by the State or Federal government as threatened or endangered?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>16. Is the project site located in the 100 year flood plain?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>17. Will the proposed action create storm water discharge, either from point or non-point sources?</p> <p>If Yes,</p> <p>a. Will storm water discharges flow to adjacent properties? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If Yes, describe:</p> <input type="text"/>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>18. Does the proposed action include construction or other activities that result in the impoundment of water or other liquids (e.g. retention pond, waste lagoon, dam)?</p> <p>If Yes, explain size and purpose:</p> <input type="text"/>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility?</p> <p>If Yes, describe:</p> <input type="text"/>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?</p> <p>If Yes, describe:</p> <input type="text"/>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

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

Applicant/Sponsor Name: Laretta R. Fischer

Date: 03-06-2017

Signature: 

SUFFOLK COUNTY
SHORT ENVIRONMENTAL ASSESSMENT FORM
6 NYCRR Part 617
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Part 2 – Impact Assessment (To be completed by Lead Agency)

	No, or small impact may occur	Moderate to large impact may occur
1. Will the proposed action create a material conflict with an adopted land use plan or zoning regulations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Will the proposed action result in a change in the use or intensity of use of land?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Will the proposed action impair the character or quality of the existing community?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Will the proposed action have an impact on the environmental characteristics that caused the establishment of a Critical Environmental Area (CEA)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Will the proposed action result in an adverse change in the existing level of traffic or affect existing infrastructure for mass transit, biking or walkway?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Will the proposed action cause an increase in the use of energy and fail to incorporate reasonably available energy conservation or renewable energy opportunities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Will the proposed action impact existing public/private water supplies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Will the proposed action impact existing public/private wastewater treatment utilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Will the proposed action impair the character or quality of important historic, archaeological, architectural or aesthetic resources?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Will the proposed action result in an adverse change to natural resources (e.g., wetlands, waterbodies, groundwater, air quality, flora and fauna)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Will the proposed action result in an increase in the potential for erosion, flooding or drainage problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Will the proposed action create a hazard to environmental resources or human health?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

SUFFOLK COUNTY
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Part 3 – Determination of Significance

The Lead Agency is responsible for the completion of Part 3. For every question in Part 2 that was answered “moderate to large impact may occur”, or if there is a need to explain why a particular element of the proposed action may or will not result in a significant adverse environmental impact, please complete Part 3. Part 3 should, in sufficient detail, identify the impact, including any measures or design elements that have been included by the project sponsor to avoid or reduce impacts. Part 3 should also explain how the lead agency determined that the impact may or will not be significant. Each potential impact should be assessed considering its setting, probability of occurring, duration, irreversibility, geographic scope and magnitude. Also consider the potential for short-term, long-term and cumulative impacts. Attach additional pages as necessary.

- Check this box if you have determined, based on the information and analysis above, and any supporting documentation that the proposed action may result in one or more potentially large or significant adverse impacts and an environmental impact statement is required. (Positive Declaration)

- Check this box if you have determined, based on the information and analysis above, and any supporting documentation that the proposed action will not result in any significant adverse environmental impacts. (Negative Declaration)

Name of Lead Agency

Date

Print or Type Name of Responsible Officer in Lead Agency

Title of Responsible Officer

Signature of Responsible Officer in Lead Agency

Signature of Preparer (if different from Responsible Officer)

CORDWOOD LANDING COUNTY PARK ADDITION - BAISCH PROPERTIES (LANDING ROAD)

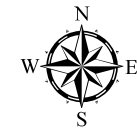
SCRPTM# 0200 02700 0300 001001, 0200 02700 0300 001002, 0200 02700 0300 001003,
0200 02700 0300 001004 and 0200 02700 0300 001005

New Suffolk County Drinking Water Protection Plan (effective December 1, 2007), C12-2(A)(1)(g) - Open Space
5.43 ± acres - Hamlet of Miller Place, Town of Brookhaven IR 1087-2014



- Proposed Acquisition
- County of Suffolk
- SCRPT Tax Map Base, 2012
- Flood Zones**
- A, AE, AO
- V, VE
- NYS DEC Tidal Wetlands**
- LZ - Littoral Zone

* There are no NYS DEC Natural Heritage Program sites in the subject area.



Locator



COPYRIGHT 2012, COUNTY OF SUFFOLK, N.Y.
Real Property Taxmap parcel linework used with permission of Suffolk County Real Property Tax Service Agency (R.P.T.S.A.). This rendering is a DRAFT MAP in that 1) the data displayed is an interagency or intra agency work* produced for the purpose of identifying and correcting data. It is not a final agency determination. It is not statistical or factual compilation of data. In some cases correct data has been left out and questionable or inaccurate data has been exaggerated to help identify errors. In short, this is a DRAFT MAP produced in an effort to aid in the correction of data and is not held out as being complete or accurate in any way.

*excerpted from (F.O.I.L) the provisions of the Freedom of Information Law [Public Officers Law Article 6 Section 84-90] by section 87.2.g



1 inch = 500 feet