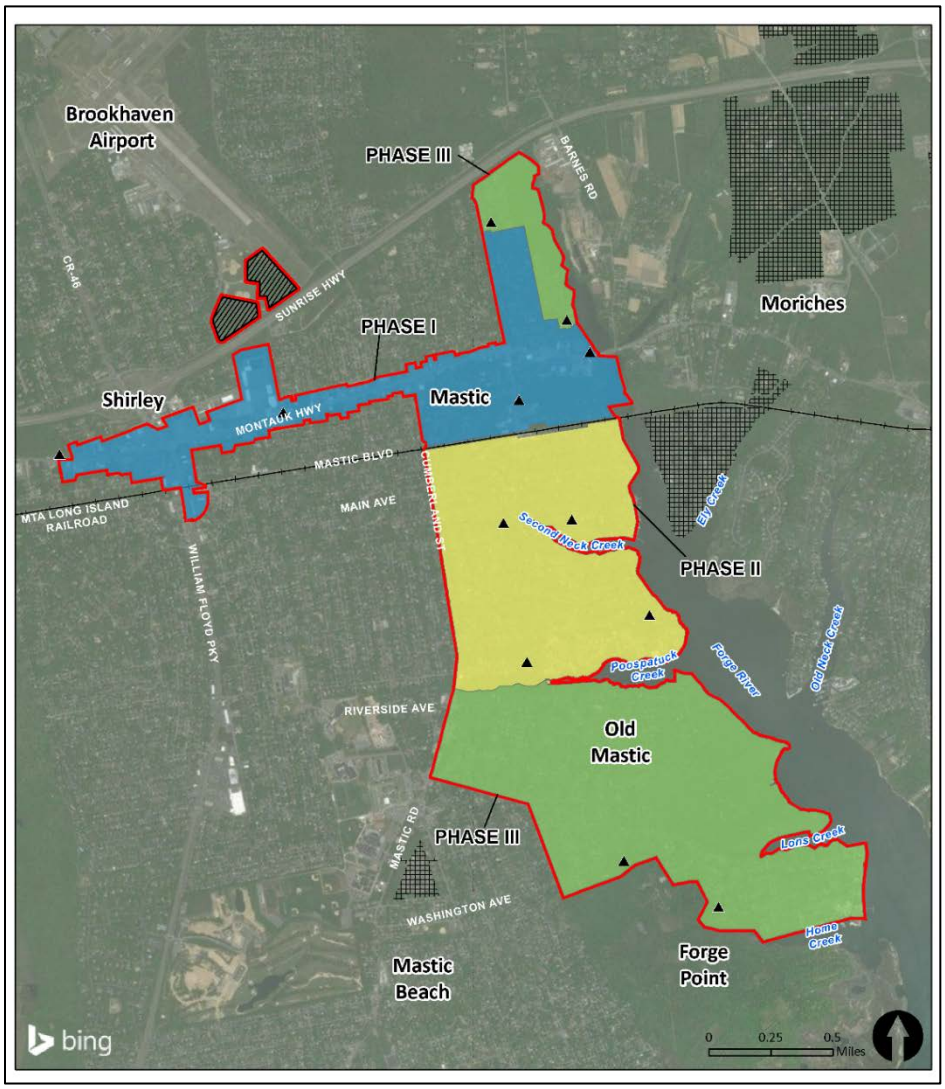

Forge River Watershed Sewer Project
Draft Environmental Impact Statement
Appendix B, Part 1 of 3
Town of Brookhaven, Suffolk County, New York

May 2018

Prepared pursuant to the New York State Environmental Quality Review Act

SEQRA Lead Agency:
NY Governor's Office of Storm Recovery
25 Beaver Street, 5th Floor
New York, NY 10004

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APPENDIX B.1: STATE ENVIRONMENTAL QUALITY REVIEW ACT ENVIRONMENTAL ASSESSMENT FORM

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CERTIFICATION OF SEQRA CLASSIFICATION

It is the finding of the New York State Governor's Office of Storm Recovery, c/o New York State Housing Trust Fund Corporation, that the activity(ies) proposed in its 2015 NYS Community Development Block Grant – Disaster Recovery project, Forge River Watershed Sewer Project constitute a:

Check the applicable classification:

☒ Type I Action (6 NYCRR Section 617.4)

☐ Type II Action (6 NYCRR Section 617.5)

☐ Unlisted Action (not Type I or Type II Action)

Check if applicable:

☐ Environmental Impact Statement (EIS) Prepared

☐ Draft EIS

☐ Final EIS

Signature of Certifying Officer	Date
Matt Accardi	Assistant General Counsel
Print Name	Title

Instructions for Completing Part 1

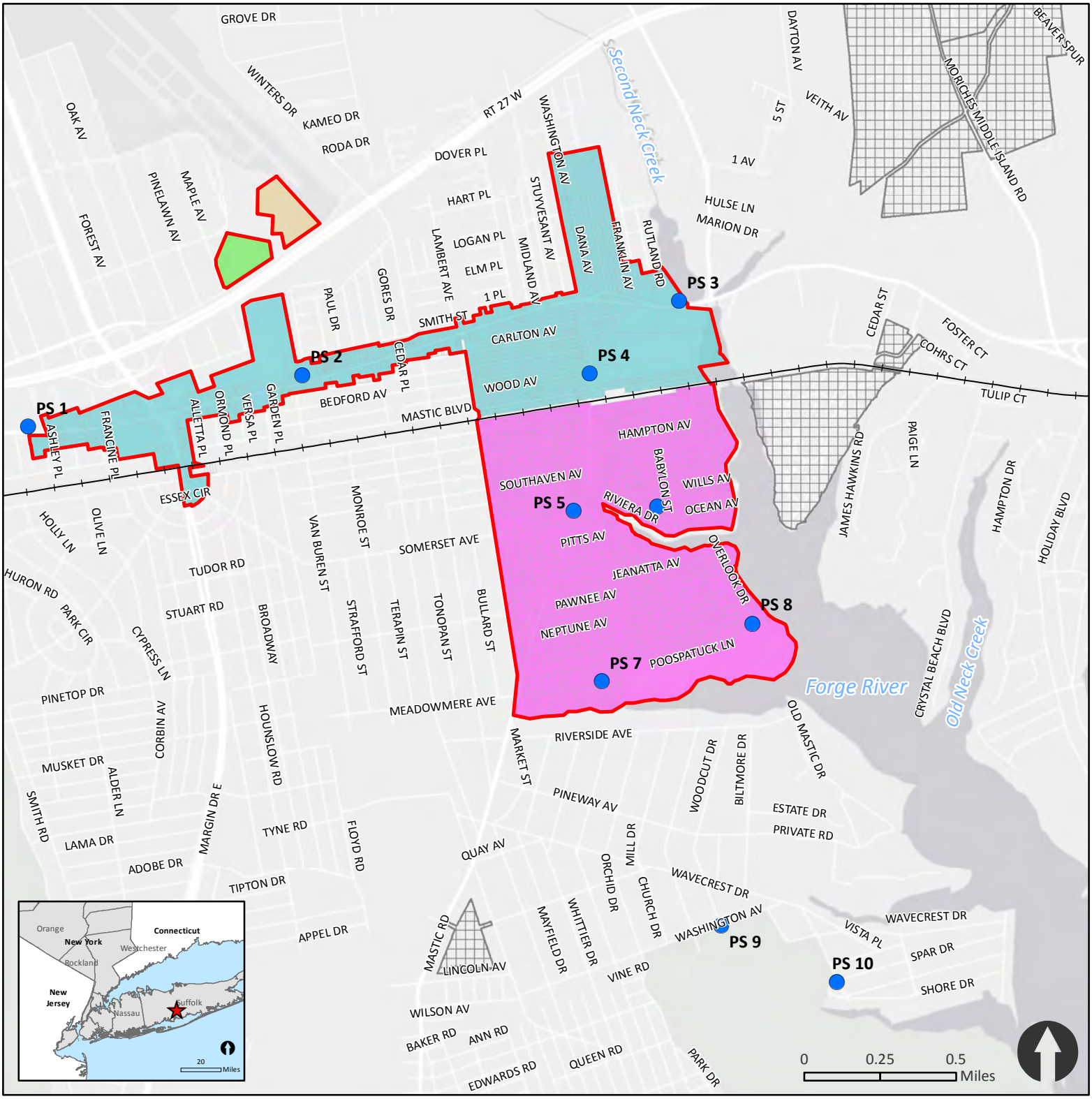
Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

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

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

A. Project and Sponsor Information.

Name of Action or Project: Forge River Watershed Sewer Project		
Project Location (describe, and attach a general location map): Town of Brookhaven		
Brief Description of Proposed Action (include purpose or need): The Proposed Action involves the establishment of a County sewer district by converting the unsewered study area of the Montauk Highway Business Corridor from just west of the William Floyd Parkway, east to the Forge River, and includes most of the densely developed residential area within the two-year groundwater travel time to the Forge River (see Figure 1). This study area encompasses land in the hamlets of both Mastic and Shirley within the Town of Brookhaven, New York. The purpose of the Proposed Action is to mitigate short-term impacts to human life and property associated with on-site sewage disposal system failures, as well as long-term impacts to coastal wetlands. The project is needed to prevent future failures of on-site sewage disposal systems. The proposed project would mitigate the loss of capacity to on-site sewage disposal systems by connecting the parcels in the study area to a new sewer collection system that would flow to a proposed new sewage treatment plant. The total wastewater or sanitary flow from the study area is projected to be 1.0 million gallons per day (MGD). A combination of gravity sewers and low-pressure sewers would be constructed. Sanitary wastewater from the proposed Mastic-Shirley sewer district would be conveyed to a new sewage treatment plant (STP) to be constructed on a 12.9 acre parcel located on the Town of Brookhaven's Calabro Airport, which would be a membrane bioreactor facility that provides the limits of technology for nitrogen removal.		
Name of Applicant/Sponsor: Suffolk County	Telephone: (631) 852-4010 E-Mail:	
Address: 335 Yaphank Avenue		
City/PO: Yaphank	State: New York	Zip Code: 11980
Project Contact (if not same as sponsor; give name and title/role): Thomas J. King, Director – Bureau of Environmental Review and Assessment	Telephone: (518) 473-0015 E-Mail: Thomas.King@StormRecovery.NY.Gov	
Address: Governor's Office of Storm Recovery, 99 Washington Avenue, Suite 1224		
City/PO: Albany	State: New York	Zip Code: 12260
Property Owner (if not same as sponsor): Suffolk County and the Town of Brookhaven	Telephone: 631-451-8696 E-Mail:	
Address: 1 Independence Hill		
City/PO: Farmingville	State: New York	Zip Code: 11738



Legend

Project Area

Proposed Sewer District Phases

Phase 1

Phase 2

Pump Stations

Proposed AWTF

Advanced Wastewater Treatment Facility Parcel

Advanced Wastewater Treatment Facility Expansion Area

Project Area Parcels

Private Sewer Areas

MTA Long Island Rail Road

Note: Final number of parcels to be connected would be determined during detailed engineering design.

Figure 1

Project Area

Forge River Watershed Sewer Project

Source: Suffolk County GIS; NYS Dept. of State; ESRI World Light Gray Map;
CP8189 Suffolk County Sewer Capacity Study (CDM Smith, H2M, Browne AE&T Group)

Louis Berger

B. Government Approvals

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

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Council, Town Board, or Village Board of Trustees ☐Yes ☐No		
b. City, Town or Village Planning Board or Commission ☒Yes ☐No	Brookhaven Planning Board	TBD
c. City Council, Town or Village Zoning Board of Appeals ☐Yes ☐No		
d. Other local agencies ☐Yes ☐No		
e. County agencies ☒Yes ☐No	Suffolk County Dept. Health Svcs./DPW (Design reqs.), Suffolk County (Art. 6, 7, 9, 12 reqs.), Suffolk County Planning Board Review	TBD
f. Regional agencies ☒Yes ☐No	MTA-LIRR	TBD
g. State agencies ☒Yes ☐No	NYSDOS (Coastal Consistency); DEC (Art. 25, SPDES); OPRHP (Section 106, 14.09), NYSOSC (Part 85 Application)	TBD
h. Federal agencies ☒Yes ☐No	USACE (Sections 401/404, 10); USFWS (Section 7); EPA Section (1424(e)); FAA	TBD

i. Coastal Resources.

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

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

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

C. Planning and Zoning

C.1. Planning and zoning actions.

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

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

C.2. Adopted land use plans.

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

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

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

If Yes, identify the plan(s):

Long Island South Shore Estuary Reserve Comprehensive Management Plan (2001), Suffolk County Comprehensive Water Resources Mangement Plan (2010, update in progress, anticipated 2015), Suffolk County Brownfield Opportuntiy Area (2012)

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

If Yes, identify the plan(s):

Montauk Highway Corridor Study & Land Use Plan for Mastic & Shirley (Phase I and II (2004, 2010), Suffolk County Master Plan, Suffolk County - Comprehensive Plan 2035, Mastic Beach and Smith Point of Shirley - NY Rising Community Reconstruction Plan, Town of Brookhaven Comprehensive Land Use Plan, 1995 Tri-Hamlet Comprehensive Plan for Mastic Shirley

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☒ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
The project area encompasses parcels in a mix of zoning classifications, including residence, business, industry, right of way, and split residence and business. A portion of the parcels are included within the Montauk Hwy Corridor Transitional Area Overlay District.

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

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☒ No
If Yes,
i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

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

b. What police or other public protection forces serve the project site?
Suffolk County Police Department, 7th Precinct

c. Which fire protection and emergency medical services serve the project site?
Mastic Fire Department, Mastic Ambulance Company, Shirley Community Ambulance

d. What parks serve the project site?
Mastic Skate Park, Mastic Memorial Park, Airport Park, Forge River Marina, Forge River Fishing Pier

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? The proposed action includes wastewater infrastructure improvements that would serve residential, industrial and commercial components.

b. a. Total acreage of the site of the proposed action? 750.0 acres
b. Total acreage to be physically disturbed? 80.0 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? approximately 30 acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☒ No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☒ No
If Yes,
i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
_____
ii. Is a cluster/conservation layout proposed? ☐ Yes ☐ No
iii. Number of lots proposed? _____
iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will proposed action be constructed in multiple phases? ☒ Yes ☐ No
i. If No, anticipated period of construction: 36 months
ii. If Yes:
- Total number of phases anticipated 2
- Anticipated commencement date of phase 1 (including demolition) TBD month TBD year
- Anticipated completion date of final phase 3 years after commencement of construction
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: TBD

f. Does the project include new residential uses? ☐ Yes ☒ No

If Yes, show numbers of units proposed.

	One Family	Two Family	Three Family	Multiple Family (four or more)
Initial Phase	_____	_____	_____	_____
At completion of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)? ☒ Yes ☐ No

If Yes,

i. Total number of structures 3

ii. Dimensions (in feet) of largest proposed structure: 15 height; 80 width; and 400 length

iii. Approximate extent of building space to be heated or cooled: 32,000 square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? ☐ Yes ☒ No

If Yes,

i. Purpose of the impoundment: _____

ii. If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☐ Other specify: _____

iii. If other than water, identify the type of impounded/contained liquids and their source. _____

iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres

v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): _____

D.2. Project Operations

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

If Yes:

i .What is the purpose of the excavation or dredging? to construct a wastewater treatment facility, new sewer mains, and on-site grinder stations.

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

- Volume (specify tons or cubic yards): approximately 1,055,000 cubic yards
- Over what duration of time? To be determined during detailed engineering design and will be discussed in the EIS.

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

Material includes Carver and Plymouth sands, atsion sand, cut and fill land, swansea muck, plymouth loamy sand, recharge basin, riverhead sandy loam, water and wareham loamy sand according to USDA Web Soil Survey. Suitable material will be reused, and remaining will be hauled to an approved facility.

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

If yes, describe. Dewatering will be required in some locations within the study area, but will not be required at portions of the area at the airport. Areas with groundwater at a depth of less than 10 feet would require dewatering and some gravity sewer system components.

v. What is the total area to be dredged or excavated? approximately 80 acres

vi. What is the maximum area to be worked at any one time? approximately 16 acres

vii. What would be the maximum depth of excavation or dredging? approximately 25 feet

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

ix. Summarize site reclamation goals and plan: _____

Suitable soils will be placed back into utility trenches and compacted per utility requirements. Remaining excavated material would be hauled by an approved excavation contractor to a licensed disposal facility.

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

If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): The construction of sewer infrastructure and grinder stations may potentially result in the alteration of, increase or decrease in size of, or encroachment into existing wetlands or adjacent areas. Potential effects are to be determined and will be discussed in the EIS.

According to USFWS National Wetland Inventory, the wetland types that are represented within the project area include Estuarine and Marine Deepwater, Estuarine and Marine Wetland, Freshwater Forested/Shrub, Wetland, and Freshwater Pond.

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

Potential effects are to be determined and will be discussed in the EIS.

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

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

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

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

Efforts will be made to reuse anything that can be reused onsite. What cannot be reused would be taken to state licensed disposal facility.

c. Will the proposed action use, or create a new demand for water? ☐ Yes ☒ No
If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☐ Yes ☐ No
If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? ☐ Yes ☐ No
- Is the project site in the existing district? ☐ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☐ No
- Do existing lines serve the project site? ☐ Yes ☐ No

iii. Will line extension within an existing district be necessary to supply the project? ☐ Yes ☐ No
If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____
- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☐ Yes ☐ No
If, Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

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

vi. If water supply will be from wells (public or private), maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? ☒ Yes ☐ No
If Yes:

i. Total anticipated liquid waste generation per day: 1,000,000 gallons/day

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

The additional flow when all parcels are connected to the new collection system is estimated approximately 1,000,000 gallons per day (GPD).

iii. Will the proposed action use any existing public wastewater treatment facilities? ☐ Yes ☒ No
If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? ☐ Yes ☐ No
- Is the project site in the existing district? ☐ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☐ No

- Do existing sewer lines serve the project site? ☐ Yes ☐ No
- Will line extension within an existing district be necessary to serve the project? ☐ Yes ☐ No

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

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

If Yes:
- Applicant/sponsor for new district: Suffolk County
- Date application submitted or anticipated: At the conclusion of the NEPA/SEQRA process (end of 2016).
- What is the receiving water for the wastewater discharge? Wastewater from a newly constructed watershed sewer system

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

A new public facility would be used.

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

None.

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

If Yes:

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

114,480 Square feet or 2.63 acres (impervious surface)

_____ Square feet or 750.00 acres (parcel size)

ii. Describe types of new point sources. Construction of point sources include ditches for installation of sewer infrastructure.

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

Stormwater runoff will be directed to the groundwater.

- If to surface waters, identify receiving water bodies or wetlands: _____

  To be determined during engineering design.
- Will stormwater runoff flow to adjacent properties? ☐ Yes ☒ No

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

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

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

None during operations. During the construction phase of the project, construction equipment will be minor mobile sources of air emissions.

ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

TBD based on design specifications of proposed wastewater treatment facility. Provided in EIS.

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

TBD based on design specifications of proposed wastewater treatment facility. Provided in EIS.

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? ☐ Yes ☒ No

If Yes:

i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ☐ Yes ☐ No

ii. In addition to emissions as calculated in the application, the project will generate:
- _____Tons/year (short tons) of Carbon Dioxide (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- _____Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☒ Yes ☐ No

If Yes:

i. Estimate methane generation in tons/year (metric): TBD in EIS based on U.S. EPA's equations for centrally treated aerobic systems.

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

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐ Yes ☒ No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☐ Yes ☒ No

If Yes:

i. When is the peak traffic expected (Check all that apply): ☐ Morning ☐ Evening ☐ Weekend ☐ Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of semi-trailer truck trips/day: _____

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

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

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

vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☐ Yes ☐ No

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

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

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

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: _____

Estimate is based on treatment of 1,000,000 gallons per day which comes to approximately $345,000/year equating to 250 to 300 horse power range.

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

Grid/local utility would provide power to proposed wastewater treatment facility. Long Island Power Authority, 25 Hub Drive, Melville, New York, 11747

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

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

i. During Construction:

- Monday - Friday: 7:00 AM - 3:00 PM
- Saturday: _____
- Sunday: None
- Holidays: None

*Potential night work required on Montauk Highway.

TBD based on Maintenance and Protection of Traffic Plan.

ii. During Operations:

- Monday - Friday: Infrastructure operates 24 hours
- Saturday: per day 7 days per week
- Sunday: _____
- Holidays: _____

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☒ Yes ☐ No

If yes:

i. Provide details including sources, time of day and duration:

During construction, noise sources would include construction equipment. Specifics are to be determined. No noise sources would exceed ambient noise levels during operations.

ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen? ☒ Yes ☐ No

Describe: The tree removal at the proposed treatment facility site at the intersection of Sunrise Service Rd N. and Maple Avenue could pose as the removal of a noise barrier for surrounding residents and the noise associated with Sunrise Highway (58N).

n.. Will the proposed action have outdoor lighting? ☒ Yes ☐ No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

The proposed wastewater treatment facility would include minimal outdoor lighting. Specifics are to be determined and provided in EIS.

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☐ Yes ☒ No

Describe: _____

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☒ Yes ☐ No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:

Operational impacts would predominantly entail odors created by the bacterial breakdown of sewage in wastewater. The magnitude of air impacts will be encapsulated in the building to prevent odors from having impacts outside of the facility.

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☒ Yes ☐ No

If Yes:

i. Product(s) to be stored ~3,000 gallons of diesel fuel for the emergency generator onsite; ~1,000 gallons of methanol for sewage processing to meet the 5mg/l nitrogen discharge limit; and ~1,000 gallons of caustic for sewage processing/odor control..

ii. Volume(s) See above per unit time TBD (e.g., month, year)

iii. Generally describe proposed storage facilities: The storage facilities for each of these tanks will be above ground, double walled tanks with leak detection and overfill protection.

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

If Yes:

i. Describe proposed treatment(s):

_____

ii. Will the proposed action use Integrated Pest Management Practices? ☐ Yes ☐ No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☐ Yes ☒ No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

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

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

- Construction: _____
- Operation: _____

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

- Construction: _____
- Operation: _____

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

If Yes:

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

ii. Anticipated rate of disposal/processing:

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

iii. If landfill, anticipated site life: _____ years

t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☒ No

If Yes:

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

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

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

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

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

If Yes: provide name and location of facility: _____

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

E. Site and Setting of Proposed Action

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

a. Existing land uses.

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

☐ Urban ☒ Industrial ☒ Commercial ☒ Residential (suburban) ☐ Rural (non-farm)
☒ Forest ☐ Agriculture ☒ Aquatic ☐ Other (specify): _____

ii. If mix of uses, generally describe:

The project spans approximately 750 acres and includes a mix of land uses, with primarily residential, commercial, and non-vacant lands, as well as roadways (transportation/utility land uses). Aquatic land uses occur adjacent to the project area (Forge River and its tributaries).

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	13.67	13.67	0.00
• Forested	0.00	0.00	0.00
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	87.78	85.15	2.63
• Agricultural (includes active orchards, field, greenhouse etc.)	0.00	0.00	0.00
• Surface water features (lakes, ponds, streams, rivers, etc.)	0.59	0.59	0.00
• Wetlands (freshwater or tidal)	17.96	17.96	0.00
• Non-vegetated (bare rock, earth or fill)*	628.42	631.05	2.63
• Other Describe: _____	0.00	0.00	0.00

*Non-vegetated acreage accounts for landcover classified as residential, commercial, industrial, and institutional.

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

i. If Yes: explain: _____

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☐ Yes ☑ No

If Yes,

i. Identify Facilities:

None

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

If Yes:

i. Dimensions of the dam and impoundment:

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

ii. Dam's existing hazard classification: _____

iii. Provide date and summarize results of last inspection:

_____

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Has the facility been formally closed? ☐ Yes ☐ No

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

_____

iii. Describe any development constraints due to the prior solid waste activities: _____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

Hazardous wastes may have been generated, treated and/or disposed of within the project study area. This information is to be determined and will be discussed further in the EIS.

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☐ Yes ☑ No

If Yes:

i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☐ Yes ☐ No

☐ Yes – Spills Incidents database Provide DEC ID number(s): _____

☐ Yes – Environmental Site Remediation database Provide DEC ID number(s): _____

☐ Neither database

ii. If site has been subject of RCRA corrective activities, describe control measures: _____

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

If yes, provide DEC ID number(s): _____

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

_____

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

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

This information is to be determined and will be discussed in the EIS.

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? greater than 6 feet

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

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

Riverhead sandy loam, 0-3% slopes	59.5 %
Plymouth loamy sand, 0-3% slopes	10.5 %
Carver & Plymouth sands, 3-15%	9.8 %

d. What is the average depth to the water table on the project site? Average: 22 feet

e. Drainage status of project site soils:
- ☑ Well Drained: 63.2 % of site
- ☑ Moderately Well Drained: 8.4 % of site
- ☑ Poorly Drained 0.8 % of site

f. Approximate proportion of proposed action site with slopes:
- ☑ 0-10%: 87.9 % of site
- ☑ 10-15%: 9.8 % of site
- ☑ 15% or greater: 2.1 % of site

g. Are there any unique geologic features on the project site? ☐ Yes ☑ No
If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☑ Yes ☐ No

ii. Do any wetlands or other waterbodies adjoin the project site? ☑ Yes ☐ No

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☑ Yes ☐ No

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

- Streams: Name 920-22 Classification SC
- Lakes or Ponds: Name 920-15, 920-19, 920-14, 920-22 Classification SC, SA
- Wetlands: Name Federal Waters, Federal Waters, Federal Waters,... Approximate Size NYS Wetland (in a...
- Wetland No. (if regulated by DEC) M-7, M-2, M-1

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☑ Yes ☐ No

If yes, name of impaired water body/bodies and basis for listing as impaired: _____
Name - Pollutants - Uses:Forge River, Lower and Cove – Pathogens – Shellfishing, Name - Pollutants - Uses:Tidal tribs to West M...

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

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

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

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

i. Name of aquifer: Sole Source Aquifer Names:Nassau-Suffolk SSA

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

Small mammals and cosmopolitan bird species such as Eastern gray squirrel (Sciurus carolinensis), American robin (Turdus migratorius), blue-jay (Cyanocitta cristata), mourning dove (Zenaida macroura), house sparrow (Passer domesticus), and European starling (Sturnus vulgaris).

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

If Yes:

i. Describe the habitat/community (composition, function, and basis for designation):

Red Maple-Blackgum Swamp

ii. Source(s) of description or evaluation: NYCDEC EAF Mapper

iii. Extent of community/habitat:

- Currently: 37.22 acres
- Following completion of project as proposed: TBD in EIS acres
- Gain or loss (indicate + or -): TBD in EIS acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☒ Yes ☐ No

Birds: Piping Plover (Charadrius melodus), Red Knot (Calidris canutus rufa), Roseate Tern (Sterna dougallii dougallii)
Flowering Plants: Sandplain Gerardia (Agalinis acuta), Seabeach Amaranth (Amaranthus pumilus)
Mammals: Northern Long-eared Bat (Myotis septentrionalis)
There is no critical habitat within this project area.

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☐ Yes ☒ No

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

If yes, give a brief description of how the proposed action may affect that use:

Fishing, effect to be determined and discussed in the EIS.

E.3. Designated Public Resources On or Near Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐ Yes ☒ No

If Yes, provide county plus district name/number:

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

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

ii. Source(s) of soil rating(s):

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐ Yes ☒ No

If Yes:

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

ii. Provide brief description of landmark, including values behind designation and approximate size/extent:

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☒ Yes ☐ No

If Yes:

i. CEA name: Coastal Zone Area South

ii. Basis for designation: Protect public health, open space and wetlands

iii. Designating agency and date: Date:5-18-87, Agency:Brookhaven, Town of

e. Does the project site contain, or is it substantially contiguous to, a building, 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? ☐ Yes ☑ No

If Yes:

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

ii. Name: _____

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

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

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

If Yes:

i. Describe possible resource(s): _____

ii. Basis for identification: _____

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

If Yes:

i. Identify resource: _____

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

iii. Distance between project and resource: _____ miles.

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

If Yes:

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

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

F. Additional Information

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

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

G. Verification

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

Applicant/Sponsor Name Suffolk County Date November 13, 2015

Signature _____ Title Deputy County Executive

PRINT FORM

Agency Use Only [If applicable]

Project :

Date :

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

Part 2 is to be completed by the lead agency. Part 2 is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency's reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

If the lead agency is a state agency **and** the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

Tips for completing Part 2:

- Review all of the information provided in Part 1.
- Review any application, maps, supporting materials and the Full EAF Workbook.
- Answer each of the 18 questions in Part 2.
- If you answer "**Yes**" to a numbered question, please complete all the questions that follow in that section.
- If you answer "**No**" to a numbered question, move on to the next numbered question.
- Check appropriate column to indicate the anticipated size of the impact.
- Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box "Moderate to large impact may occur."
- The reviewer is not expected to be an expert in environmental analysis.
- If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- When answering a question consider all components of the proposed activity, that is, the "whole action".
- Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- Answer the question in a reasonable manner considering the scale and context of the project.

1. Impact on Land

Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1)

☐ NO ☑ YES

If "Yes", answer questions a - j. If "No", move on to Section 2.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d	☐	☑
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	☐	☑
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	☑	☐
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	☐	☑
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	☐	☑
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	☑	☐
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	☑	☐
h. Other impacts: Proposed AWTF and pumping stations would result in permanent physical alteration of land surface and 2.36 acres of new impervious cover.		☐	☐

2. Impact on Geological Features

The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g)

☑ NO ☐ YES

If "Yes", answer questions a - c. If "No", move on to Section 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached: _____	E2g	☐	☐
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	☐	☐
c. Other impacts: _____		☐	☐

3. Impacts on Surface Water

The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h)

☐ NO ☑ YES

If "Yes", answer questions a - l. If "No", move on to Section 4.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	☑	☐
b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D2b	☑	☐
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	☑	☐
d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E2h	☐	☑
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	☑	☐
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	☑	☐
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	☑	☐
h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D2e	☑	☐
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	☐	☑
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	☑	☐
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	☐	☑

l. Other impacts: Beneficial impacts of reduced non-point source pollution (nitrogen and pathogens) from decomissioning of onsite sewage treatment and disposal systems.		☐	☐

4. Impact on groundwater

The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t)

☐ NO ☑ YES

If "Yes", answer questions a - h. If "No", move on to Section 5.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.	D2c	☑	☐
b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____	D2c	☑	☐
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	☐	☑
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	☐	☑
e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D2c, E1f, E1g, E1h	☑	☐
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	☑	☐
g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	E2h, D2q, E2l, D2c	☑	☐
h. Other impacts: Construction of a subsurface recharge basin to discharge treated wastewater to groundwater, construction of sewer collection system in or near groundwater, beneficial impacts to groundwater of decomissioning onsite systems		☐	☐

5. Impact on Flooding

The proposed action may result in development on lands subject to flooding. (See Part 1. E.2)

☐ NO ☑ YES

If "Yes", answer questions a - g. If "No", move on to Section 6.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway.	E2i	☑	☐
b. The proposed action may result in development within a 100 year floodplain.	E2j	☐	☑
c. The proposed action may result in development within a 500 year floodplain.	E2k	☑	☐
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	☑	☐
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	☐	☑
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	☑	☐

g. Other impacts: Beneficial impacts to flood patterns by slowing the degradation of tidal wetlands that can dissipate wave energy and mitigate flooding associated with tidal surge		☐	☐

6. Impacts on Air

The proposed action may include a state regulated air emission source. (See Part 1. D.2.f., D,2,h, D.2.g) ☑ NO ☐ YES

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

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels:			
i. More than 1000 tons/year of carbon dioxide (CO_2)	D2g	☐	☐
ii. More than 3.5 tons/year of nitrous oxide (N_2O)	D2g	☐	☐
iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D2g	☐	☐
iv. More than .045 tons/year of sulfur hexafluoride (SF_6)	D2g	☐	☐
v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions	D2g	☐	☐
vi. 43 tons/year or more of methane	D2h	☐	☐
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	☐	☐
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	☐	☐
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	☐	☐
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	☐	☐
f. Other impacts: _____		☐	☐

7. Impact on Plants and Animals

The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) ☐ NO ☑ YES

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

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	☑	☐
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	☐	☑
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	☑	☐
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p	☑	☐

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	☑	☐
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: Red Maple-Blackgum Swamp (NYSDEC EAF Mapper)	E2n	☐	☑
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	☐	☑
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____	E1b	☑	☐
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	☑	☐
j. Other impacts: _____		☑	☐

8. Impact on Agricultural Resources

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

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

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	☐	☐
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, Elb	☐	☐
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	☐	☐
d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District.	E1b, E3a	☐	☐
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	El a, E1b	☐	☐
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	☐	☐
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	☐	☐
h. Other impacts: _____		☐	☐

9. Impact on Aesthetic Resources

The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.)

☑ NO ☐ YES

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

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	☐	☐
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	☐	☐
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	☐ ☐	☐ ☐
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	☐ ☐	☐ ☐
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	☐	☐
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile ½ -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	☐	☐
g. Other impacts: _____		☐	☐

10. Impact on Historic and Archeological Resources

The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.)

☐ NO ☑ YES

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

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places.	E3e	☑	☐
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	☐	☑
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: NYSHPO Cultural Resource Information System (CRIS)	E3g	☐	☑

d. Other impacts: _____		☑	☐
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.	E3e, E3g, E3f	☐	☑
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b	☐	☑
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E3e, E3f, E3g, E3h, C2, C3	☑	☐

11. Impact on Open Space and Recreation

The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan.
(See Part 1. C.2.c, E.1.c., E.2.q.)
If "Yes", answer questions a - e. If "No", go to Section 12.

☑ NO ☐ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	☐	☐
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	☐	☐
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	☐	☐
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	☐	☐
e. Other impacts: _____		☐	☐

12. Impact on Critical Environmental Areas

The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d)
If "Yes", answer questions a - c. If "No", go to Section 13.

☐ NO ☑ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	☑	☐
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	☑	☐
c. Other impacts: Beneficial impacts on the "Coastal Zone Area South" designated by the Town of Brookhaven.		☐	☑

13. Impact on Transportation

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

If "Yes", answer questions a - g. If "No", go to Section 14.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j	☐	☐
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	☐	☐
c. The proposed action will degrade existing transit access.	D2j	☐	☐
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	☐	☐
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	☐	☐
f. Other impacts: _____		☐	☐

14. Impact on Energy

The proposed action may cause an increase in the use of any form of energy. (See Part 1. D.2.k) ☐ NO ☑ YES

If "Yes", answer questions a - e. If "No", go to Section 15.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	☑	☐
b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D1f, D1q, D2k	☑	☐
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	☑	☐
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	☑	☐
e. Other Impacts: AWTF would require 250-300 HP from existing grid (PSEG Long Island, formerly Long Island Power Authority)		☑	☐

15. Impact on Noise, Odor, and Light

The proposed action may result in an increase in noise, odors, or outdoor lighting. (See Part 1. D.2.m., n., and o.) ☐ NO ☑ YES

If "Yes", answer questions a - f. If "No", go to Section 16.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may produce sound above noise levels established by local regulation.	D2m	☑	☐
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D2m, E1d	☑	☐
c. The proposed action may result in routine odors for more than one hour per day.	D2o	☐	☑

d. The proposed action may result in light shining onto adjoining properties.	D2n	☑	☐
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	☑	☐
f. Other impacts: _____		☑	☐

16. Impact on Human Health

The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.) ☐ NO ☑ YES

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

	Relevant Part I Question(s)	No,or small impact may cccur	Moderate to large impact may occur
a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	E1d	☑	☐
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	☑	☐
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E1g, E1h	☑	☐
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).	E1g, E1h	☑	☐
e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E1g, E1h	☑	☐
f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D2t	☑	☐
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	☑	☐
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	☐	☑
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	☑	☐
j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E1f, E1g E1h	☑	☐
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	☑	☐
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	☑	☐
m. Other impacts: Existing sources of contamination include raw sewage overflows from capacity or treatment and disposal failures of onsite systems during flood events		☐	☑

17. Consistency with Community Plans

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

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b	☐	☐
b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C2	☐	☐
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	☐	☐
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	☐	☐
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C3, D1c, D1d, D1f, D1d, Elb	☐	☐
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d D2j	☐	☐
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	☐	☐
h. Other: _____ _____		☐	☐

18. Consistency with Community Character

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

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E3e, E3f, E3g	☐	☐
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	☐	☐
c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C2, C3, D1f D1g, E1a	☐	☐
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	☐	☐
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	☐	☐
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	☐	☐
g. Other impacts: _____ _____		☐	☐

PRINT FULL FORM

Agency Use Only [IfApplicable]

Project :

Date :

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

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

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

Reasons Supporting This Determination:

To complete this section:

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

Pleas see "SEQRA EAF PART 3 Reasons Supporting Determination of Significance, Forge River Watershed Sewer Project, Mastic-Shirley Proposed Sewer District, Town of Brookhaven, NY"

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☑ Type 1 ☐ Unlisted

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

Upon review of the information recorded on this EAF, as noted, plus this additional support information
DRAFT SCOPING DOCUMENT, Forge River Watershed Sewer Project, Mastic-Shirley Proposed Sewer District, Town of Brookhaven, NY
Suffolk County. Department of Public Works. Request for Proposal (RFP) for planning and design assistance for Forge River Watershed Sewer Project (Parts 1-5, Addendum 1-2, Responses to Questions and Clarifications), July 2015.

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the Governor's Office of Storm Recovery ("GOSR"), an office of the Housing Trust Fund Corporation ("HTFC") 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.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: Forge River Watershed Sewer Project

Name of Lead Agency: Governor's Office of Storm Recovery ("GOSR"), an office of the Housing Trust Fund Corporation ("HTFC")

Name of Responsible Officer in Lead Agency: Thomas J. King, Esq.

Title of Responsible Officer: Director – Bureau of Environmental Review and Assessment, Assistant General Counsel

Signature of Responsible Officer in Lead Agency: Thomas J. King Date: 12/23/2015

Signature of Preparer (if different from Responsible Officer) Jennifer Gonzalez Date: 12/23/2015

For Further Information:

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Telephone Number: (518) 473-0015

E-mail: Thomas.King@StormRecovery.NY.Gov

For Type 1 Actions and Conditioned Negative Declarations, a copy of this Notice is sent to:

Chief Executive Officer of the political subdivision in which the action will be principally located (e.g., Town / City / Village of)
Other involved agencies (if any)
Applicant (if any)
Environmental Notice Bulletin: http://www.dec.ny.gov/enb/enb.html

PRINT FULL FORM

SEQRA EAF PART 3

Reasons Supporting Determination of Significance

Forge River Watershed Sewer Project
Mastic-Shirley Proposed Sewer District
Town of Brookhaven, NY

December 23, 2015

The Governor's Office of Storm Recovery ("GOSR"), an office of New York State Homes and Community Renewal's Housing Trust Fund Corporation ("HTFC"), has established Lead Agency status pursuant to the State Environmental Quality Review Act ("SEQRA")(ECL Sections 3-0301(1)(b), 3-0301(2)(m) and 8-0113 and 6 NYCRR Part 617) for the environmental review of the proposed Forge River Watershed Sewer Project (the "proposed action") in the Town of Brookhaven, Suffolk County, New York. In accordance with SEQRA and its implementing regulations found at 6 NYCRR Part 617, GOSR has established itself as SEQRA lead agency and classified the proposed action as a Type I Action under 6 NYCRR 617.4. A full Environmental Assessment Form (EAF) Part 1 regarding the proposed action has been circulated for review and comment to interested and involved agencies. GOSR has evaluated the criteria found under 6 NYCRR 617.7(c), completed Parts 2 and 3 of the EAF, and determined that the proposed action may result in one or more significant environmental impacts and will therefore require the preparation of a SEQRA DEIS. This memo is incorporated by reference into Part 3 of the EAF and serves as the rationale for GOSR's determination of significance.

The ***DEIS will assess the magnitude and importance of the following impacts***, in consideration of any design element or project changes.

1. Impact on Land

Potential adverse impacts on land may result from the construction of the proposed collection system, pumping stations and advanced wastewater treatment facility. The proposed action may be constructed in a single phase or two phases over a period of 36 months. Construction may occur in the areas located on slopes of 15% or greater (approximately 2% of the project area), and would involve the excavation of approximately 1,055,000 cubic yards of earth, to be determined during detailed design. Material includes Carver and Plymouth sands, Atsion sand, Swansea muck, Plymouth loamy sand, Riverhead Sandy Loam, Wareham Loamy Sand, and some cut and fill land. Suitable materials will be reused and remaining excavated soils will be hauled to an approved facility. The DEIS will assess the magnitude and importance of these impacts in the "Geology, Topography and Soils" Chapter.

2. Impact on Surface Water

Potential adverse impacts on surface waters may result from construction within or adjoining freshwater and/or tidal wetlands associated with Mill Pond, Forge River and Poospatuck Creek. The proposed action aims to achieve beneficial impacts to tidal wetlands and the surface water quality of water bodies within, adjacent to and downstream of the project area by treating sanitary

wastewater to reduce the concentrations of contaminants such as nitrate before they are introduced into the environment. Reduction in nitrogen and pathogen pollution aims to improve water quality in the Forge River and slow the deterioration of tidal wetlands in the Great South Bay. The proposed action would require the construction of a new advanced wastewater treatment facility, which would discharge treated effluent into groundwater through a recharge basin, ultimately flowing to the Forge River. The DEIS will assess the magnitude and importance of these impacts in the "Water Quality" and "Wetlands" Chapters.

3. Impact on Groundwater

Potential adverse impacts on groundwater may result from the discharge of treated effluent from a new advanced wastewater treatment facility into groundwater through a recharge basin, and would allow for residential uses in areas without sewer service. However, the proposed action aims to achieve beneficial impacts on groundwater quality by decommissioning onsite wastewater treatment and disposal system, reducing nitrogen loading and non-point source pollution to the groundwater, and improving water quality. Additionally, the proposed action would include the installation of the best available control technology for nitrogen reduction. The DEIS will assess the magnitude and importance of these impacts in the "Water Quality" Chapter.

4. Impact on Flooding

Potential adverse impacts on flooding may result from the location of approximately 6% of the project area in the 100-year floodplain. However, the proposed action aims to achieve beneficial impacts on flood water flows that contribute to flooding by slowing the deterioration of tidal wetlands which serve to dissipate wave energy from tidal surge and mitigate tidal flooding impacts. In addition, the proposed action seek to mitigate hazards to human health posed by flood- and storm-related failure of on-site sanitary systems. The DEIS will assess the magnitude and importance of these impacts in the "Floodplains" Chapter.

5. Impact on Plants and Animals

Potential adverse impacts to plants may include disturbance to vegetation during construction, a decrease in size or type of the local plant community, and colonization of invasive plant species in disturbed areas following construction. Potential adverse impacts to wildlife and fish may include disturbance during construction, a decrease in size of a population of local wildlife species, or a change in the type or amount of suitable habitat available to wildlife that currently use the project area. Potential adverse impacts to threatened and endangered species may include disturbance of endangered, threatened, or rare plant species or the diminishment of their habitat. However, vegetation and biotic resources, including fish, benthic invertebrates, and would generally benefit from water quality improvements and positive changes to the benthic environment that may result from project implementation. The DEIS will assess the magnitude and importance of these impacts in the "Vegetation," "Wildlife and Fish," and "Threatened and Endangered Species and Critical Habitat" Chapters.

6. Impact on Historic and Archaeological Resources

Potential adverse impacts may result to archaeological resources from the construction of the collection system, pumping stations and advanced wastewater treatment facility. It is not anticipated that the project will adversely affect built historic resources; however this will be confirmed with the New York State Historic Preservation Office during the preparation of the DEIS. Several areas of archaeological sensitivity are located on the north side of the Montauk Highway as well as the west and east ends of the project area. While installation of the sewer system would not likely have a direct effect on architectural resources in the area, its construction may affect significant landscaping and site features that would contribute to any potential historic districts. Construction of the proposed action may result in direct effects on archaeological resources. The DEIS will assess the magnitude and importance of these impacts in the "Cultural Resources" Chapter.

7. Impact on Critical Environmental Areas

Potential adverse impacts to a critical environmental area may result as the project area is located partially within the "Coastal Zone Area South," a critical environmental area designated by the Town of Brookhaven. The DEIS will assess the magnitude and importance of these impacts in the "Coastal Resources" Chapter which will evaluate consistency with the substantive policies of the New York State Department of State Coastal Zone Management Plan and the New York State Department of Environmental Conservation.

8. Impact on Energy

Potential adverse impacts may result as the proposed action may cause an increase in the use of energy, requiring 250-300 horsepower from the existing grid for the advanced wastewater treatment facility and smaller amounts of electricity for the pumping stations. However, the increase in electricity use would be a small impact, and is not likely to require a new substation or upgrade to an existing substation. The DEIS will assess the magnitude and importance of these impacts in the "Public Services and Utilities" Chapter.

9. Impact on Human Health

Potential adverse impacts may result from the potential unearthing of solid or hazardous wastes during the decommissioning of onsite wastewater treatment and disposal systems. However, the proposed action aims to achieve beneficial impacts on human health resulting from mitigation of the existing short-term and repetitive, adverse impacts on public health related to failures of onsite systems during flood events. The DEIS will assess the magnitude and importance of these impacts in the "Public Health and Safety" and "Hazardous Materials" Chapters.