Instructions for Completing Part 1

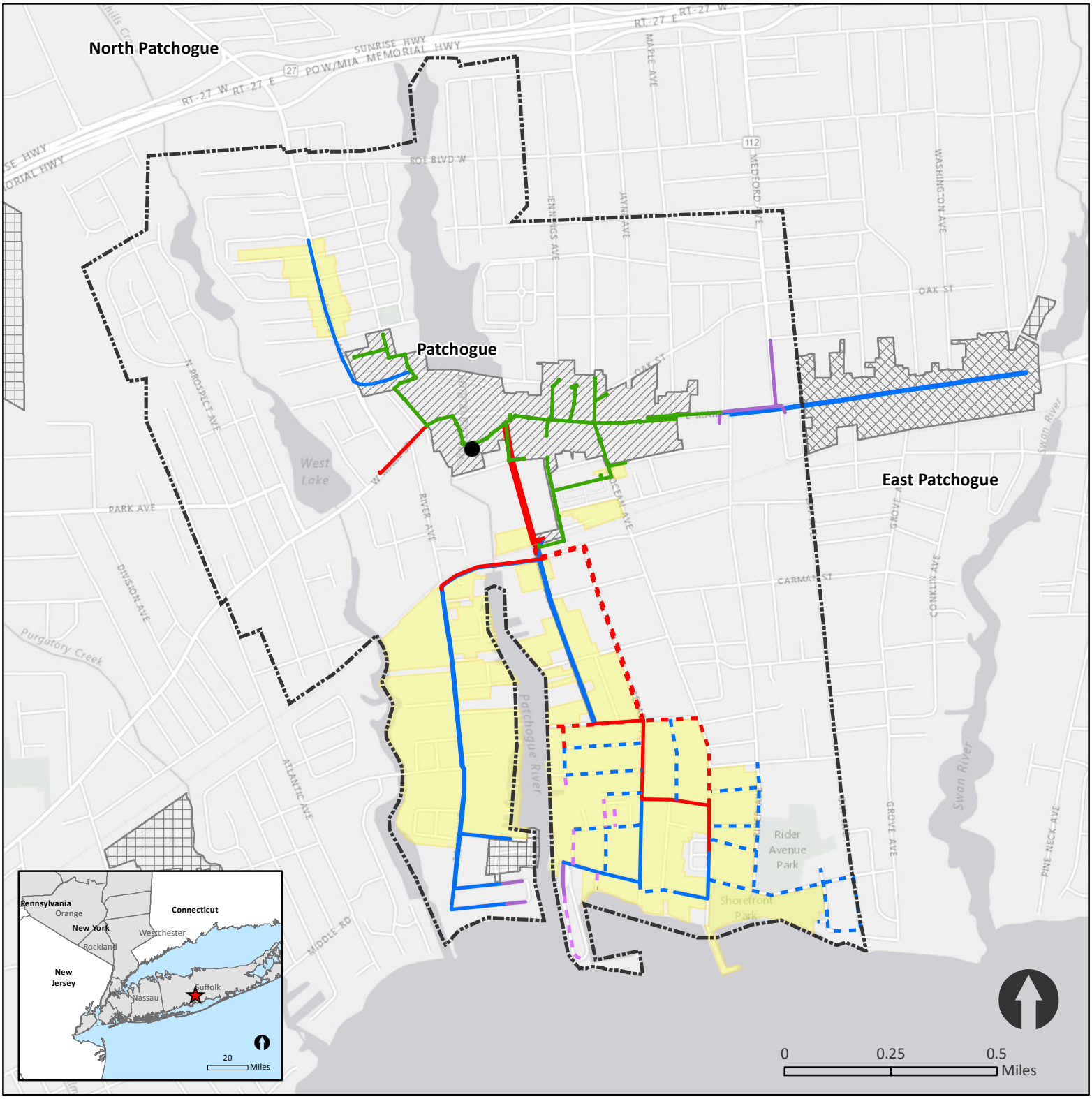
Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

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: Village of Patchogue Out-of-District Sewer Extension		
Project Location (describe, and attach a general location map): Village of Patchogue, Suffolk County, NY 11772 ***(see Figure 1)***		
Brief Description of Proposed Action (include purpose or need): The Proposed Action would connect unsewered properties in low-lying areas that suffer from recurring tidal flooding. It would address nitrogen and pathogen pollution in the Patchogue River and Great South Bay by reducing the total net nitrogen load into the South Shore Estuary from existing on-site sanitary disposal systems. The Proposed Action seeks to improve groundwater and surface water quality, and increase resiliency by restoring tidal wetland and subaquatic vegetation that would attenuate wave action and reduce the damaging effects of storm surge.The Proposed Action consists of the construction of upgrades to the existing sewer collection system and pump station infrastructure and the extension of sanitary sewer service to approximately 616 parcels outside the existing boundary of the Patchogue Sewer District. The additional flow when all parcels with extended infrastructure are connected to the collection system is estimated at 300,000 gallons per day (GPD). The Proposed Action includes: 1) Collection System Extension: the low pressure sewer extension would install 18,672 linear feet (LF) of 2 to 4-inch diameter high-density polyethylene (HDPE) piping within existing paved public rights-of-way; 2) Individual Sewer Connections: individual on-site grinder stations and new service laterals of 1.25-inch diameter HDPE piping would be installed to connect the unsewered parcels to the system; and 3) Pump Station Upgrades: the sewage treatment plant has available capacity to accept the estimated additional flow, however, the project would upgrade the West Avenue Pump Station by replacing the existing pumps with pumps of greater flow capacity to accommodate the increased sanitary flows, and installing an emergency generator and controls. Implementation of the Proposed Action potentially involves federal, state and local approvals, and is subject to NEPA and SEQRA and their implementing regulations.		
Name of Applicant/Sponsor: New York State Governor's Office of Storm Recovery (GOSR)	Telephone: (212) 480-4644 E-Mail: Daniel.Greene@stormrecovery.ny.gov	
Address: 25 Beaver Street, 5th Floor		
City/PO: New York	State: New York	Zip Code: 10004
Project Contact (if not same as sponsor; give name and title/role): Daniel Greene, Deputy General Counsel	Telephone: (212) 480-4644 E-Mail: Daniel.Greene@stormrecovery.ny.gov	
Address: 25 Beaver Street, 5th Floor		
City/PO: New York	State: New York	Zip Code: 10004
Property Owner (if not same as sponsor): Various property owners, public and private. This information will be discussed in the EA.	Telephone: N/A E-Mail: N/A	
Address: Various		
City/PO: Village of Patchogue	State: New York	Zip Code: 11772



Legend

- Project Area
- Village Boundary
- Patchogue Sewage Treatment Plant
- Town Sewer Districts
- Village Sewer Districts
- Private Sewer Areas
- In-District Gravity System
- Existing 2 Inch LPS Force Main
- Existing 3 Inch LPS Force Main
- Existing 4 Inch LPS Force Main
- Proposed 2 Inch LPS Force Main
- Proposed 3 Inch LPS Force Main
- Proposed 4 Inch LPS Force Main

Figure 1

Project Location

Village of Patchogue
Out-of-District Sewer Extension

Source: U.S. Fish and Wildlife Service; Suffolk County GIS; NYS Dept. of State; NYS Department of Environmental Conservation; FEMA; ESRI World Imagery; ESRI Street Map; Engineering Report for the Coastal Resiliency & Nitrogen Mitigation Plan (CRNMP) for the Patchogue River (H2M 2014)

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	Patchogue Planning Board (Local WRP Consistency Review)	
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 Services (Sanitary Code Articles 6, 7, 9, 12), Suffolk County Dept. Public Works (road opening)	
f. Regional agencies ☐Yes ☑No		
g. State agencies ☑Yes ☐No	DEC (ECL Articles 15, 24, 25; SPDES; CWA Section 401); DOS (Coastal Consistency); OPRHP (Section 106 / 14.09)	
h. Federal agencies ☑Yes ☐No	USACE (CWA Section 404 Nationwide Permit No. 12); USEPA (Sole Source Aquifer Protection); USFWS (Section 7)	

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

* This information is to be determined and will be discussed in the Environmental Assessment

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 Management Plan (2010, update in progress, anticipated 2015), Suffolk County Brownfield Opportunity Area (2012), Tuthills Creek Watershed Management Plan (in progress, anticipated 2015)

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

If Yes, identify the plan(s):

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☑ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
The project area encompasses parcels in a mix of zoning classifications, including residence, business, industrial, waterfront development and general waterfront districts.

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? Patchogue-Medford Union Free School District

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

c. Which fire protection and emergency medical services serve the project site?
Patchogue Fire Department

d. What parks serve the project site?
Shorefront Park, Fire Island National Seashore, Father Tortora Park, Rider Avenue Park

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)?
Utility / Infrastructure: construction of sewer mains, service laterals, on-site grinder stations and pump station upgrades

b. a. Total acreage of the site of the proposed action? ± 270 acres
b. Total acreage to be physically disturbed? ± 2.5 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? TBD in EA* acres

* All roadways, where sewer mains are to be constructed, are publicly owned or controlled, but on-site grinder stations and service laterals may occur on on privately owned property.

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)? 23% of sewer conveyance infrastructure Units: 18,672 LF

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: 18 months
ii. If Yes:
- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

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

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

g. Does the proposed action include new non-residential construction (including expansions)? ☑ Yes ☐ No
If Yes,
i. Total number of structures 616 grinder stations and 18,672 LF of sewer infrastructure
ii. Dimensions (in feet) of largest proposed structure: TBD* height; TBD * width; and 18,672 LF length
iii. Approximate extent of building space to be heated or cooled: 0 square feet

*If a structure is required, it would be related to the upgrade of an existing pump station; this information is to be determined and will be discussed in the EA.

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? ☑ Yes ☐ No
(Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)
If Yes:
i .What is the purpose of the excavation or dredging? Construction of sewer mains, service laterals 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): This information is to be determined and will be discussed in the EA
- Over what duration of time? ±18 months

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.
Excavation required of earth and/or rock. Open cut excavation methods will principally be used. In some areas directional drilling may be used to minimize restoration of surfaces. Suitable soils will be placed back into utility trenches and compacted. Remaining excavated material would be hauled by an approved excavation contractor to a licensed facility.
iv. Will there be onsite dewatering or processing of excavated materials? ☐ Yes ☑ No
If yes, describe. _____
v. What is the total area to be dredged or excavated? ± 2.5 acres
vi. What is the maximum area to be worked at any one time? ± 500 linear feet
vii. What would be the maximum depth of excavation or dredging? ± 4 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 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? TBD ☐ 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 service laterals 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 EA.

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:
The construction of service laterals and grinder stations may potentially result in the excavation, fill or placement of structures in existing wetlands or adjacent areas. Potential effects are to be determined and will be discussed in the EA.

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? TBD ☐ Yes ☐ No
If Yes:

- acres of aquatic vegetation proposed to be removed: The proposed action may result in removal of aquatic vegetation, which will be determined and discussed in the EA.
- expected acreage of aquatic vegetation remaining after project completion: TBD in EA
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): Excavation for construction of service laterals and grinder stations
- proposed method of plant removal: Open cut excavation methods will principally be used. In some areas directional drilling may be used to minimize impacts.
- if chemical/herbicide treatment will be used, specify product(s): TBD in EA

v. Describe any proposed reclamation/mitigation following disturbance: TBD in EA

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: 300,000 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 with extended infrastructure are connected to the collection system is estimated at 300,000 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: Village of Patchogue Sewage Treatment Plant
- Name of district: Village of Patchogue Sewer District
- Does the existing wastewater treatment plant have capacity to serve the project? ☑ Yes ☐ No
- Is the project site in the existing district? The Proposed Action would extend sanitary sewer service to approximately 616 parcels outside the boundary of the Patchogue Sewer District as out-of-district connections. ☐ 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: Approximately half of the parcels have available service laterals already connected to sewer mains that were installed as part of the previous sewer extension projects, while the remaining parcels do not have sewer availability and require additional sewer infrastructure to be installed to facilitate their connection.

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

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

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

_____

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

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

If Yes: The proposed action will disturb more than one acre during construction; all resulting structures will be subsurface and will not generate additional stormwater post construction.

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

_____ Square feet or 0 acres (impervious surface)

_____ Square feet or ± 270 acres (parcel size) (study area size)

ii. Describe types of new point sources. Construction point sources include ditches for installation of sewer main and service laterals.

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)?

A stormwater pollution prevention plan will be developed which will idenfity best management practices that will be employed for construction stormwater management. Stormwater will be directed to existting stormwater infrastructure systems.

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

None.

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

Emergency generator at West Avenue Pump Station would produce emissions on occassion, during emergency operations and routine testing.

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 0* (short tons) of Carbon Dioxide (CO_2)
- _____Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- _____Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

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

If Yes:

i. Estimate methane generation in tons/year (metric): _____

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

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

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

_____

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

If Yes:

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

ii. For commercial activities only, projected number of 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: _____

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

_____

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

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

i. During Construction:

- Monday - Friday: 7:00 AM - 3:00 PM or as union labor agreements stipulate
- Saturday: None
- Sunday: None
- Holidays: None

ii. During Operations:

- Monday - Friday: Infrastructure would operate 24 hours per day, 7 days per week
- Saturday: _____
- 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 include a small bucket backhoe for the excavation of utility trenches for sewer mains and service laterals. 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: _____

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

If yes:

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

_____

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

Describe: _____

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

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

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

If Yes:

i. Product(s) to be stored _____

ii. Volume(s) _____ per unit time _____ (e.g., month, year)

iii. Generally describe proposed storage facilities: _____

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

If Yes:

i. Describe proposed treatment(s):

_____

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

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

If Yes:

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

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

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

- Construction: _____
- Operation: _____

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

- Construction: _____
- Operation: _____

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

If Yes:

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

ii. Anticipated rate of disposal/processing:

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

iii. If landfill, anticipated site life: _____ years

t. Will 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): Vacant, Utility, Transportation

ii. If mix of uses, generally describe:

The project area spans approximately 270 acres and includes a mix of land uses, with primarily residential, commercial, and vacant lands, as well as roadways (transportation / utility land uses). Aquatic land uses occur adjacent to the project area (Patchogue River and Tuthills Creek).

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	± 263		
• Forested	0		
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0		
• Agricultural (includes active orchards, field, greenhouse etc.)	0		
• Surface water features (lakes, ponds, streams, rivers, etc.)	0		
• Wetlands (freshwater or tidal)	0		
• Non-vegetated (bare rock, earth or fill)	± 7		
• Other Describe: _____	0		

* This information is to be determined and will be discussed in the Environmental Assessment

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:

Holy Angels Regional School, South Ocean Middle School, River Elementary School, Emmanuel Lutheran School

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? TBD ☐ 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 area. This information is to be determined and will be discussed in the Environmental Assessment.

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): 152182, V00636
- ☐ Neither database

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

This information is to be determined and will be discussed in the Environmental Assessment

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): 152182, V00636

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

This information is to be determined and will be discussed in the Environmental Assessment

v. Is the project site subject to an institutional control limiting property uses? TBD ☐ 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? TBD ☐ Yes ☐ No
- Explain: _____

This information is to be determined and will be discussed in the Environmental Assessment

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? >1,500 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:

Carver and Plymouth Sands	13.4 %
Cut and Fill Land	74.9 %
Fill Land, dredged material	5.5 %

d. What is the average depth to the water table on the project site? Average: > 6 feet

e. Drainage status of project site soils:
☑ Well Drained: 14 % of site
☑ Moderately Well Drained: 79 % of site
☑ Poorly Drained 7 % of site

f. Approximate proportion of proposed action site with slopes:
☑ 0-10%: 100 % of site
☐ 10-15%: _____% of site
☐ 15% or greater: _____% of site

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

h. Surface water features.

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

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

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

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

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

- Streams: Name 922-16, 922-10, 922-3, 922-8, 922-11 Classification SC, SA, B(T)
- Lakes or Ponds: Name 922-3, 922-8, 922-12 Classification SA, B(T)
- Wetlands: Name Various Federal and State Wetlands, to be discussed in EA Approximate Size To be discussed in EA
- Wetland No. (if regulated by DEC) _____

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

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

Patchogue Bay – Pathogens – Shellfishing; Recreation; Public Bathing

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): _____

ii. Source(s) of description or evaluation: _____

iii. Extent of community/habitat:

- Currently: _____ acres
- Following completion of project as proposed: _____ acres
- Gain or loss (indicate + or -): _____ acres

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

While the EAF Mapper does not note any species as endangered or threatened, the US Fish & Wildlife Service iPac Mapper lists the following species as potentially present in the project area that should be considered in an effects analysis: Piping Plover (Charadrius melodus), Red Knot (Calidris canutus rufa), Roseate tern (Sterna dougallii dougallii), Sandplain gerardia (Agalinis acuta), Seabeach amaranth (Amaranthus pumilus, Northern long-eared Bat (Myotis septentrionalis).

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 EA

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: Town of Brookhaven, 5/18/1987

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: Residence at 7 Oakland Drive

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

Information is not available in the NYS Cultural Resource Information System but this information will be researched and discussed in the EA.

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? TBD ☐ Yes ☐ No

If Yes:

i. Describe possible resource(s): Additional archaeological or historic resources may be identified on the project site, this information is to be determined and will be discussed in the EA.

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: Fire Island National Seashore, Shorefront Park

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

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 Daniel Greene, Deputy General Counsel, GOSR Date 5/4/2015

Signature _____ Title Certifying Environmental Officer

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