

**Full Environmental Assessment Form  
Part 1 - Project and Setting**

**Instructions for Completing Part 1**

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

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

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

**A. Project and Sponsor Information.**

|   |                           |  |
|---|---------------------------|--|
| Name of Action or Project:<br>Riverside Sewer District, Sewage Collection System and Sewage Treatment Plant   |                           |  |
| Project Location (describe, and attach a general location map):<br>Hamlet of Riverside, Town of Southampton, Suffolk County, New York (See attached Location Map for district boundaries and key infrastructure locations)  |                           |  |
| Brief Description of Proposed Action (include purpose or need):<br>The proposed project involves the creation of the Riverside Sewer District which will include construction of a sequencing batch reactor sewage treatment plant (STP) and installation of sewage leaching pools, a network of sewer mains and force mains, and associated pump stations to collect and treat an average of 800,000 gallons of sewage per day broken into two phases. The purpose of the proposed action is to assist in the implementation of the Riverside BOA, Revitalization Action Plan and support associated Riverside Overlay zoning code amendments to economically revitalize the community and eliminate blight by promoting investment and economic growth that will create new jobs, generate property tax revenues to support local infrastructure services, and provide new housing opportunities. Constructing a STP is necessary to support both connection of existing uses as well as planned development that is necessary to increase land use opportunities and area revitalization and achieve objectives of publicly-vetted, goal-oriented, long-range planning. The proposed STP and collection system will also serve to protect the many sensitive natural resources in the area including but not limited to the Peconic Estuary, Peconic River, Little Peconic River, area ponds and creeks, freshwater and tidal wetlands, the Central Pine Barrens, and Long Island's Sole Source Aquifer. |                           |  |
| Name of Applicant/Sponsor:<br>Southampton Town Board, c/o Janice Scherer, Town Planning/Development Administrator   | Telephone: (631) 702-1801 | E-Mail: jscherer@southamptontownny.gov |
| Address: 116 Hampton Road   |                           |  |
| City/PO: Southampton  | State: NY                 | Zip Code: 11968                        |
| Project Contact (if not same as sponsor; give name and title/role):<br>Same   | Telephone:                | E-Mail:                                |
| Address:  |                           |  |
| City/PO:  | State:                    | Zip Code:                              |
| Property Owner (if not same as sponsor):<br>Town ownership of STP site; Pump stations-Town, NY State, private property easements  | Telephone:                | E-Mail:                                |
| Address:  |                           |  |
| City/PO:  | State:                    | Zip Code:                              |



**B. Government Approvals**

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

| Government Entity   | If Yes: Identify Agency and Approval(s) Required                            | Application Date (Actual or projected) |
|---|---|--|
| a. City Council, Town Board, <input type="checkbox"/> Yes <input type="checkbox"/> No or Village Board of Trustees  | SEE ATTACHED LIST OF INVOLVED AGENCIES PERMITS, APPROVALS & FUNDING SOURCES | TBD depending on agency                |
| b. City, Town or Village Planning Board or Commission <input type="checkbox"/> Yes <input type="checkbox"/> No  |   |  |
| c. City Council, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input type="checkbox"/> No   |   |  |
| d. Other local agencies <input type="checkbox"/> Yes <input type="checkbox"/> No  |   |  |
| e. County agencies <input type="checkbox"/> Yes <input type="checkbox"/> No   |   |  |
| f. Regional agencies <input type="checkbox"/> Yes <input type="checkbox"/> No   |   |  |
| g. State agencies <input type="checkbox"/> Yes <input type="checkbox"/> No  |   |  |
| h. Federal agencies <input type="checkbox"/> Yes <input type="checkbox"/> No  |   |  |
| <p>i. Coastal Resources.</p> <p><i>i.</i> Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? <input checked="" type="checkbox"/>Yes<input type="checkbox"/>No</p> <p><i>ii.</i> Is the project site located in a community with an approved Local Waterfront Revitalization Program? * <input checked="" type="checkbox"/>Yes<input type="checkbox"/>No</p> <p><i>iii.</i> Is the project site within a Coastal Erosion Hazard Area? *Project is located within a 2016 Town of Southampton Coastal Resources and Watershed Protection Plan area. <input type="checkbox"/>Yes<input checked="" type="checkbox"/>No</p> |   |  |

**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? YesNo

- 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? YesNo

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? YesNo  
 \*Riverside BOA Step II Nomination Study and Riverside Revitalization Action Plan

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?) YesNo

If Yes, identify the plan(s):

Proposed sewer district & associated facilities are in the Riverside Brownfield Opportunity Area; portion of district that is south of SR 24 is in the Central Suffolk Special Groundwater Protection Area, Central Pine Barrens Compatible Growth Area, & Town Aquifer Protection Overlay District; western portion sewer district is outside but adjacent to a Wild, Scenic and Recreational River Recreation Area; constructed wetlands adjacent to NYSDEC wetlands

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? YesNo

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?

Proposed STP is in the RO-3 Zone; pump stations are in the RO-2, RO-3 & RO-7 zones, mains in multiple zones and within street rights of way \_\_\_\_\_

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? Riverhead Central School District

b. What police or other public protection forces serve the project site?  
Town of Southampton Police Department; New York State Police also operates a barracks off of Riverleigh Avenue in Riverside

c. Which fire protection and emergency medical services serve the project site?  
Riverhead Fire District/Riverhead Volunteer Fire Department and Flanders-Northampton Ambulance Company

d. What parks serve the project site?  
Ludlam Avenue, Cranberry Bog, David A. Sarnoff, Wildwood Lake, Grangebél, Maple Swamp, Birch Creek Pond, Sears Bellows, Indian Island & others

**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)? Sewer district, STP, sewage leaching area, pump stations, sewer mains (utility/community service facility)

b. a. Total acreage of the site of the proposed action? 468+/- acres\* \*Proposed Sewer District  
b. Total acreage to be physically disturbed? 30.77+/- acres\* \*STP, leaching area, pump stations, force main and collection system in road ROW.  
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 12.7+/- acres\* \*At and adjacent to STP & leaching area; **Two pump stations will be on separate Town lots; one that is 7.1 acres; one that is 4.5 acres; plus ROWs**

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: N/A months  
ii. If Yes:  
• Total number of phases anticipated 2  
• Anticipated commencement date of phase 1 (including demolition) TBD month \_\_\_\_\_ year  
• Anticipated completion date of final phase TBD 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: \_\_\_\_\_

\*The STP & leaching area will be constructed first. Sewer mains and pump stations will follow. Sewer mains and pump stations will be installed over time by sewer district subsection & based on need. Completion of all infrastructure including the full sewer collection system could take 3-5 years.

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

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

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

i. Total number of structures 1 STP, 4 pump stations  
 ii. Dimensions (in feet) of largest proposed structure: 16'6" height; 148'6" width; and 201'3" length  
 iii. Approximate extent of building space to be heated or cooled: 4,000 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?  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? \_\_\_\_\_  
 ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?  
 • Volume (specify tons or cubic yards): \_\_\_\_\_  
 • Over what duration of time? \_\_\_\_\_  
 iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them. \_\_\_\_\_  
 \_\_\_\_\_  
 iv. Will there be onsite dewatering or processing of excavated materials?  Yes  No  
 If yes, describe. \_\_\_\_\_  
 \_\_\_\_\_  
 v. What is the total area to be dredged or excavated? \_\_\_\_\_ acres  
 vi. What is the maximum area to be worked at any one time? \_\_\_\_\_ acres  
 vii. What would be the maximum depth of excavation or dredging? \_\_\_\_\_ feet  
 viii. Will the excavation require blasting?  Yes  No  
 ix. Summarize site reclamation goals and plan: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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

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

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

iii. Will 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: \_\_\_\_\_

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: 1employee<100+/-gpd for restroom gallons/day at STP facility

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

- Name of district or service area: Suffolk County Water Authority
- 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: \_\_\_\_\_  
N/A

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

d. Will the proposed action generate liquid wastes? **\*Creation of sewer district & STP will allow an increase in sewer generating land uses but won't generate liquid wastes by itself.**  Yes  No  
If Yes:

i. Total anticipated liquid waste generation per day: max 800,000 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): \_\_\_\_\_

Sanitary wastewater;The facility will accept, treat & discharge up to 800,000 gpd from district including wastewater from the STP's lavatory (100+/-gpd). It is expected that only one part-time employee will be needed.

iii. Will the proposed action use any existing public wastewater treatment facilities?  Yes  No **\*N/A**  
If Yes: **\*Proposed facilities will accommodate projected flow**

- Name of wastewater treatment plant to be used: Riverside Sewage Treatment Plant (proposed)
- Name of district: Riverside Sewer District (proposed)
- Does the existing wastewater treatment plant have capacity to serve the project?  Yes  No **N/A**
- 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: \_\_\_\_\_

The project involves creation of a sewer district, construction of an STP with a maximum processing capacity of 800,000 gpd and 4 pump stations, installation of a force main, and installation of sewer mains along public rights of way to serve the district. The project is anticipated in two phases.

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site?  Yes  No  
 If Yes:  
 • Applicant/sponsor for new district: Town of Southampton  
 • Date application submitted or anticipated: Process underway, must receive approvals from multiple agencies including  
 • What is the receiving water for the wastewater discharge? Treated wastewater will be discharged into the ground thru leaching pools

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):  
N/A; project would be publicly owned and operated (Suffolk County)

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: \_\_\_\_\_  
Wastewater will receive a high level of treatment and will be discharged back into the ground

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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?  
 \_\_\_\_\_ Square feet or 2.23 acres (impervious surface)  
 \_\_\_\_\_ Square feet or 30.77 acres (parcel size)30.77 acres includes affected street ROWs & areas to be disturbed for STP, leaching, pump Sts., access/parking  
 ii. Describe types of new point sources. N/A. Treated wastewater will be discharged onsite beneath the ground through subsurface leaching pools  
 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)?  
Runoff from the STP will be recharged onsite via roof drains and drywells.  
 • If to surface waters, identify receiving water bodies or wetlands: \_\_\_\_\_  
N/A  
 • 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  
\*Pervious surfaces will be the minimum necessary

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f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations?  Yes  No  
 If Yes, identify:  
 i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)  
 \_\_\_\_\_  
 ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)  
 \_\_\_\_\_  
 iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)  
 \_\_\_\_\_

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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<sub>2</sub>)  
 • \_\_\_\_\_ Tons/year (short tons) of Nitrous Oxide (N<sub>2</sub>O)  
 • \_\_\_\_\_ Tons/year (short tons) of Perfluorocarbons (PFCs)  
 • \_\_\_\_\_ Tons/year (short tons) of Sulfur Hexafluoride (SF<sub>6</sub>)  
 • \_\_\_\_\_ Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflouorocarbons (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  
 \*This only applies to STPs that utilize anaerobic digestion.  
 The proposed STP will utilize a different type of treatment process.

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): \_\_\_\_\_

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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): \_\_\_\_\_

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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  
 \*The project will not generate heavy traffic. The sewer district and STP will, however, allow additional development and increase traffic activity. The prior GEIS considered and addressed this issue and balanced it with social and economic considerations.  
 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: \_\_\_\_\_

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vi. Are public/private transportation service(s) or facilities available within 1/2 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

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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: \_\_\_\_\_  
 Additional limited energy demand will be required to operate the STP, but anticipated demand will be minor. PSEG LI will be consulted.  
 ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):  
 PSEG LI \_\_\_\_\_  
 iii. Will the proposed action require a new, or an upgrade to, an existing substation?  Yes  No

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

|  |   |
|--|---|
| <p>i. During Construction:</p> <ul style="list-style-type: none"> <li>• Monday - Friday: _____ 7:00AM-7:00PM _____</li> <li>• Saturday: _____ 8:00AM-6:00PM _____</li> <li>• Sunday: _____ 8:00AM-6:00PM _____</li> <li>• Holidays: _____ N/A _____</li> </ul> | <p>ii. During Operations:</p> <ul style="list-style-type: none"> <li>• Monday - Friday: _____ continuous operations _____</li> <li>• Saturday: _____ continuous operations _____</li> <li>• Sunday: _____ continuous operations _____</li> <li>• Holidays: _____ continuous operations _____</li> </ul> |
|--|---|

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:  
Monday through Friday between 7:00 AM - 7:00 PM; possibly Saturday and Sunday 8:00 AM - 6:00 PM as permitted if necessary; STP and pump station processes will be contained within structures.

ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen?  Yes  No  
 Describe: \_\_\_\_\_

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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:  
Minor security lighting may be needed at the STP. Lighting will comply with Town standards and result in no significant adverse impacts.

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen?  Yes  No  
 Describe: Clearing will be required to construct the STP, but this is not expected to result in a significant impact as minimal outdoor lighting will be necessary for the STP.

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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: \*Treatment system to be contained within the STP building and discharged directly into the ground. An odor control system will be provided as backup to prevent odor related issues.

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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: \*Electricity and natural gas will be used.  
 i. Product(s) to be stored \_\_\_\_\_  
 ii. Volume(s) \_\_\_\_\_ per unit time \_\_\_\_\_ (e.g., month, year)  
 iii. Generally describe proposed storage facilities: \_\_\_\_\_

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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

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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\*  
\*Trash generated onsite would be negligible and would be carted away periodically and disposed at an authorized disposal facility.  
 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): See below for complete list  
 ii. If mix of uses, generally describe:  
 Proposed action involves construction of scattered facilities & mains. Surrounding uses include SF homes, 3 mobile home parks, mixed commercial uses, a bank, gas station, small industries, mini-storage, churches, school, Head Start, social club, police barracks, vacant land, streets & parks/preserves

b. Land uses and covertypes on the project site.\*Assessment includes areas containing the STP, pump stations leaching area, force mains & Street ROWs.

| Land use or Covertypes  | Current Acreage | Acreage After Project Completion | Change (Acres +/-) |
|---|-----------------|----------------------------------|--------------------|
| • Roads, buildings, and other paved or impervious surfaces                                  | 19.47+/-        | 21.7+/-                          | +2.23+/-           |
| • Forested with scattered mixed successional growth*  | 8.95+/-         | 0                                | -8.95+/-           |
| • Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural) ** | 2.16+/-         | 0.38+/-                          | -1.77+/-           |
| • Agricultural (includes active orchards, field, greenhouse etc.)                           |                 |                                  |                    |
| • Surface water features (lakes, ponds, streams, rivers, etc.)                              |                 |                                  |                    |
| • Wetlands (freshwater or tidal)  |                 |                                  |                    |
| • Non-vegetated (bare rock, earth or fill)  | 0.07+/-         | 0.05+/-                          | -0.03+/-           |
| • Other Describe: <u>Landscaping Lawn</u>   | 0.12+/-         | 8.64+/-                          | +8.52+/-           |

\* 8.89+/- acres of pine barrens and 0.06+/- acres of other woodlands for a total of 8.95+/- acres

\*\* Successional old field or shrubland

c. Is the project site presently used by members of the community for public recreation?  Yes  No  
i. If Yes: explain: No, except for proposed pump station at Ludlow Park; proposed along park edge adjacent to road ROW.

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:  
Phillips Avenue Elementary School, Riverside Head Start, Southampton Head Start

e. Does the project site contain an existing dam?  Yes  No  
If Yes:  
i. Dimensions of the dam and impoundment:  
• Dam height: \_\_\_\_\_ feet  
• Dam length: \_\_\_\_\_ feet  
• Surface area: \_\_\_\_\_ acres  
• Volume impounded: \_\_\_\_\_ gallons OR acre-feet  
ii. Dam's existing hazard classification: \_\_\_\_\_  
iii. Provide date and summarize results of last inspection: \_\_\_\_\_

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility?  Yes  No  
If Yes:  
i. Has the facility been formally closed?  Yes  No  
• If yes, cite sources/documentation: \_\_\_\_\_  
ii. Describe the location of the project site relative to the boundaries of the solid waste management facility: \_\_\_\_\_  
iii. Describe any development constraints due to the prior solid waste activities: \_\_\_\_\_

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste?  Yes  No  
If Yes:  
i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred: \_\_\_\_\_

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site?  Yes  No  
If Yes:  
i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply:  Yes  No  
 Yes – Spills Incidents database Provide DEC ID number(s): \_\_\_\_\_  
 Yes – Environmental Site Remediation database Provide DEC ID number(s): \_\_\_\_\_  
 Neither database  
ii. If site has been subject of RCRA corrective activities, describe control measures: \_\_\_\_\_  
iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database?  Yes  No  
If yes, provide DEC ID number(s): 152012 Located approximately 1,950 feet south of Riverwoods Mobile Home Community  
iv. If yes to (i), (ii) or (iii) above, describe current status of site(s): \_\_\_\_\_

Landfill soils contaminated with PCBs were remediated and the landfill was regraded with clean fill. Access to the site is restricted by fencing. Most of the area is served with public water which is routinely monitored to assure it meets NYS drinking water standards, but some private wells may exist in the area. PCBs are not expected to be contaminating the off-site groundwater. No production wells exist on-site. Site has been satisfactorily remediated.

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

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

**E.2. Natural Resources On or Near Project Site**

a. What is the average depth to bedrock on the project site? \_\_\_\_\_ 1,000+ 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 Plymouth sand, 0-3% slope CPA \_\_\_\_\_ 45+/- %  
Cut & fill land, gently sloping (CuB) \_\_\_\_\_ 55+/- % \*STP & leaching Area  
 \_\_\_\_\_ % See SDGEIS for more detail

d. What is the average depth to the water table on the project site? Average: \_\_\_\_\_ 10 feet

e. Drainage status of project site soils:  Well Drained: \_\_\_\_\_ 100% of site  
 Moderately Well Drained: \_\_\_\_\_ % of site  
 Poorly Drained \_\_\_\_\_ % 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? **\*There are no wetlands on or adjacent to STP site but there are wetlands in and adjacent to the proposed sewer district. No disturbance to wetlands is anticipated from the proposed STP.**  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 Peconic River, 921-32, 921-31 Classification C, SC, Impaired
- Lakes or Ponds: Name Black Creek Pond (NYSDEC wetlands R-11), 921-24 Classification none found SC
- Wetlands: Name various small wetlands inside or adjacent to sewer district Approximate Size various sizes
- Wetland No. (if regulated by DEC) R-5, R-11, R-71, R-72, R-81

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: \_\_\_\_\_  
Lower Peconic River from Peconic dam to mouth is "Impaired" nitrogen loading/nutrients & low dissolved oxygen, aquatic life

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: Nassau-Suffolk Sole Source Aquifer

|   |  |  |
|---|--|--|
| <p>m. Identify the predominant wildlife species that occupy or use the project site:<br/>         The sewer district is a mostly developed 468-acre district with fragmented habitat areas. Common species expected include</p>   | <p>but are not limited to: Eastern cottontail rabbits, racoons, white-tailed deer, Eastern Chipmunk, grey squirrels,</p> | <p>woodchucks, blue jays, mocking birds, American robins, black-capped chickadees, crows, Fowler's toad &amp; others species</p> |
| <p>n. Does the project site contain a designated significant natural community? <span style="float: right;">* <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span><br/>         If Yes: <span style="float: right;">*STP, leaching area, force main, and 3 pump stations are in CPB CGA<br/>         Other communities in district but not onsite include the following:</span></p>   |  |  |
| <p>i. Describe the habitat/community (composition, function, and basis for designation):<br/>         Pitch pine-oak forest, coastal plain poor fen, pitch pine oak heath, coastal plain pond shore, coastal plain Atlantic white cedar swamp, red maple black gum swamp</p>  |  |  |
| <p>ii. Source(s) of description or evaluation: Pitch pine oak forest, only. Other natural communities listed above will not be affected.</p>  |  |  |
| <p>iii. Extent of community/habitat:</p> <ul style="list-style-type: none"> <li>• Currently: <span style="float: right;">8.85+/- acres</span></li> <li>• Following completion of project as proposed: <span style="float: right;">0+/- acres</span></li> <li>• Gain or loss (indicate + or -): <span style="float: right;">8.85+/- acres</span></li> </ul>  |  |  |
| <p>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? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span></p>  |  |  |
| <p>Within 1 mile the STP disturbance areas - Northern Long-eared Bat. Scarlet bluet, Banded sunfish, Atlantic White Cedar, Tiger Salamander, Hessel's Hairstreak, Horned Beak sedge, large yellow-eyed grass were identified as occurring or possibility occurring at some time in the past in or near the proposed sewer district boundary.</p>  |  |  |
| <p>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? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span></p>  |  |  |
| <p>Pitch Pink-Oak Forest (A large sub-occurrence of pitch-pine oak forest located in large barrens landscape within 1/4 mile of STP site). Atlantic Silverside (documented in the Peconic River), Coastal barrens buckmoth, Herodias or Pine Barrens underwing, Southern sprite have been flagged as documented in or near the proposed sewer district at some time in the past.</p>  |  |  |
| <p>q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span><br/>         If yes, give a brief description of how the proposed action may affect that use: _____</p>  |  |  |
| <p><b>E.3. Designated Public Resources On or Near Project Site</b></p>  |  |  |
| <p>a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span><br/>         If Yes, provide county plus district name/number: _____</p>   |  |  |
| <p>b. Are agricultural lands consisting of highly productive soils present? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span><br/>         i. If Yes: acreage(s) on project site? _____<br/>         ii. Source(s) of soil rating(s): _____</p>  |  |  |
| <p>c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <span style="float: right;"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span><br/>         If Yes:<br/>         i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature<br/>         ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____</p>  |  |  |
| <p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <span style="float: right;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span><br/>         If Yes:<br/>         i. CEA name: Central Suffolk SGPA; Southampton APOD; Central Pine Barrens; Peconic Bay &amp; Environs; NYSDEC FW wetlands &amp; adjacent areas<br/>         ii. Basis for designation: groundwater; groundwater; groundwater &amp; ecology; Peconic Bay surface water &amp; ecology; wetlands/ecology, respectively<br/>         iii. Designating agency and date: LIRPB &amp; County 2/10/88; Town 6/20/84; County 2/10/88 &amp; Town 5/8/90; County 11/13/88; Town 5/8/90</p> |  |  |

|   |   |
|---|---|
| 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? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| If Yes:   |   |
| <i>i.</i> Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input checked="" type="checkbox"/> Historic Building or District  |   |
| <i>ii.</i> Name: <u>Vail-Leavitt Music Hall, Riverhead Savings Bank, Riverhead Main Street Historic District (all outside of proposed sewer district but nearby)</u>  |   |
| <i>iii.</i> Brief description of attributes on which listing is based:<br><u>Historic downtown district containing many buildings</u>   |   |
| 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?   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| g. Have additional archaeological or historic site(s) or resources been identified on the project site?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| If Yes:   |   |
| <i>i.</i> Describe possible resource(s): _____  |   |
| <i>ii.</i> Basis for identification: _____  |   |
| h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| If Yes:   |   |
| <i>i.</i> Identify resource: _____  |   |
| <i>ii.</i> Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____  |   |
| <i>iii.</i> 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?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| If Yes:   |   |
| <i>i.</i> Identify the name of the river and its designation: <u>Part of Sewer District is adjacent to a designated WSRR Recreational Area (Peconic River)</u>  |   |
| <i>ii.</i> Is the activity consistent with development restrictions contained in 6NYCRR Part 666?   |   |
| <input type="checkbox"/> Yes <input type="checkbox"/> 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 Nelson Pope Voorhis, LLC (consultant to Town)    Date 1/3/2023

Signature     Title Senior Partner

# RIVERHEAD SEWER DISTRICT, SEWAGE COLLECTION SYSTEM AND SEWAGE TREATMENT PLANT

## LONG EAF PART 1 ATTACHMENT

### SECTION B: GOVERNMENT APPROVALS

#### INVOLVED AGENCIES AND RESPECTIVE PERMITS, APPROVALS, REVIEWS OR INTERESTS IN PROJECT: SUBMISSION DATES TO BE DETERMINED.

- 1) Town Board (create Town capital infrastructure project and initiation of sewer district formation subject to a permissive referendum);
- 2) New York State Department of Environmental Conservation (SPDES wastewater discharge permit; review of STP design; potential for Article 11 permitting for threatened or endangered species in proximity to disturbance areas; potential wetland permits associated with alternative constructed wetlands discharge option)
- 3) Southampton Planning Board (site plan review or advisory input)
- 4) Suffolk County Department of Public Works (mains along County roads, individual sewer connections)
- 5) New York State Department of Transportation (mains along State Road/SR 24, pump station easement on recharge basin site)
- 6) Town Highway Department (mains along Town roads)
- 7) Suffolk County Department of Health Services (individual sewer connections)
- 8) New York State Environmental Facilities Corporation (funding)
- 9) Central Pine Barrens Joint Planning and Policy Commission (determination/review of STP and associated improvements within the Compatible Growth Area)
- 10) New York State Comptroller (creation of the sewer district/determination of need for approval)
- 11) PSEG Long Island (electrical demand)
- 12) Suffolk County Water Authority (connection), impacts on water system, impacts on water supplies if any)

#### Proposed or Possible Future Funding Sources

- 1) Suffolk County Economic Development and Planning, Water Quality Protection and Restoration Program
- 2) Federal Bipartisan Infrastructure Law (BIL); direct Federal member item appropriation,
- 3) New York Environmental Facilities Corporation (EFC), Environmental Facilities Corporation (EFC), New York State Water Infrastructure Improvement and Intermunicipal Grants (WIIA)
- 4) New York State Department of Environmental Conservation (NYSDEC), Water Quality Improvement Project funding
- 5) Suffolk County Department of Health Services, Suffolk County Sewer Fund
- 6) Town Board of Southampton, Southampton Town Community Preservation Fund
- 7) Part Town General Fund (funding as necessary)

#### INTERESTED AGENCIES

- 1) Peconic Estuary Program
- 2) Suffolk County Planning Commission (regional project, within 500 feet of another municipality (Town of Riverhead); installation of mains along/within County Road ROW)
- 3) Town of Riverhead (adjacent municipality and possible connection to Sewer District as an alternative)
- 4) Southampton Parks and Recreation (one pump station proposed on the Town's Ludlam Park site)
- 5) Riverhead Central School District (per request, interested agency)
- 6) National Grid (natural gas demand)