Instructions for Completing Part 1

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

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

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

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Suffolk County Water Authority North Fork Water Main Extensions (Riverside/Flanders to Jamesport/Laurel and East Marion to Orient)		
Project Location (describe, and attach a general location map): See attached location maps and written project description and location.		
Brief Description of Proposed Action (include purpose or need): *See EAF Part 1 attachment for a detailed description.		
Name of Applicant/Sponsor: Suffolk County Water Authority c/o Jeffrey W. Szabo, Chief Executive Officer, SCWA Responsible Officer	Telephone: (631) 563-0353 E-Mail: jeff.szabo@scwa.com	
Address: 4060 Sunrise Highway		
City/PO: Oakdale	State: NY	Zip Code: 11769
Project Contact (if not same as sponsor; give name and title/role): Joseph M. Pokorny, P.E., Deputy CEO for Operations, SCWA	Telephone: 631-563-0202 E-Mail: joseph.pokorny@scwa.com	
Address: 4060 Sunrise Highway		
City/PO: Oakdale	State: NY	Zip Code: 11769
Property Owner (if not same as sponsor): See EAF Part 1 attachment.	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, or Village Board of Trustees ☐Yes☐No	*SEE EAF Part 1 ATTACHMENT.	
b. City, Town or Village Planning Board or Commission ☐Yes☐No		
c. City, Town or Village Zoning Board of Appeals ☐Yes☐No		
d. Other local agencies ☐Yes☐No		
e. County agencies ☐Yes☐No		
f. Regional agencies ☐Yes☐No		
g. State agencies ☐Yes☐No		
h. Federal agencies ☐Yes☐No		

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? South edge of Main Road (SR 25) along Orient Harbor and LI Sound shore in the East Marion to Orient section ☑Yes☐No

C. Planning and Zoning

C.1. Planning and zoning actions.

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

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

C.2. Adopted land use plans.

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

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

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

If Yes, identify the plan(s):

In or adjacent to the following study areas or planning districts: Southampton Waterfront Plan, Comprehensive Plan Update, Central Suffolk (North & South) Special Groundwater Protection Areas; Riverhead Comprehensive Plan; Southold LWRP; Central Pine Barrens Plan, Peconic Estuary Environs CEA, Significant Coastal Fish and Wildlife Areas, Main Road Historic District (Riverhead & Southold), NYS LI North Shore Heritage Area

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):

The Towns of Riverhead and Southold have plans for open space acquisition and farmland protection identifying lots for potential acquisition. Lots that have been preserved or protected by these plans also exist along the route; however, main installation will be primarily within road rights-of way to prevent potential environmental impacts or encorachment onto private property.

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?
N/A Installation of mains in streets, highways, road shoulders, and underwater land (Peconic River/Estuary).

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, Mattituck-Cutchogue Union Free School District and Oyster Ponds Union Free School District

b. What police or other public protection forces serve the project site?
Southampton Town Police, Riverhead Town Police, and Southold Town Police

c. Which fire protection and emergency medical services serve the project site?
Riverhead Fire District, Jamesport Fire District, Mattituck Fire District, Orient Fire District; Flanders-Northampton Ambulance, Riverhead Ambulance, and Orient Fire District also provide ambulance services

d. What parks serve the project site?
Indian Island Golf Course & County Park (Riverhead), Truman's Beach (Orient), Ruth Oliva Dam Pond Preserve (East Marion), Poquatuck Park (Orient)

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)? North Fork drinking water mains, including two utility/water main installations (Riverside/Flanders to Jamesport/ Laurel and East Marion to Orient)

b. a. Total acreage of the site of the proposed action? 11.94 miles acres (8.15 miles R-F/J-L and 3.79 miles EM-O
b. Total acreage to be physically disturbed? 6.51 acres Areas of trenching,directional drill test pits, and booster station site
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? N/A Road ROWs acres 1.5+/- acres near n/w corner of intersection of Sound Ave. & Pier Ave. for booster station (SCTM: 600-8-3-1.9);0.36 acres to be cleared

c. Is the proposed action an expansion of an existing project or use? ☑ Yes ☐ No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % N/A Units: 11.94 miles of water main (8.15 miles R/F-M/L and 3.79 miles EM-O

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 the proposed action be constructed in multiple phases? ☑ Yes ☐ No
i. If No, anticipated period of construction: 48 months
ii. If Yes:
- Total number of phases anticipated 2 First, Riverside/Flanders - Jamesport/Laurel, then E. Marion to Orient
- Anticipated commencement date of phase 1 (including demolition) TBD month TBD year Upon completion of SEQRA and all requirements
- Anticipated completion date of final phase TBD month 2029 year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases:
As noted above, Riverside-Flanders to Jamesport-Laurel is proposed first and the East Marion to Orient project will follow

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 _____

ii. Dimensions (in feet) of largest proposed structure: _____height; _____width; and _____ length

iii. Approximate extent of building space to be heated or cooled: _____ square feet

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

If Yes,

i. Purpose of the impoundment: _____

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

_____

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

_____

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

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

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

_____

D.2. Project Operations

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

If Yes:

i .What is the purpose of the excavation or dredging? Installation of water mains. Some areas will be trenched & others will use directional drilling

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? _____

*See attached maps showing locations of sections of open trench and horizontal directional drill installations. Excavated areas will be backfilled and excess soil incorporated into shoulders.

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

The materials will include soil temporarily & permanently removed to install the 24-inch main. Excavated soil will be backfilled into trenches every day and incorporated into the shoulder areas and reused as needed. Excess soil will be removed daily and disposed at an approved disposal facility. per.a soil erosion, sedimentation and disposal management plan. Pavement will be remove in some areas and will be disposed at an approved C&D 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? _____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): Part of the Proposed Action involves installing a water main beneath the Peconic River/Estuary adjacent to the Cross River Drive (CR105) bridge between Flanders & Riverhead; the project is also adjacent/in jurisdictional proximity to other wetlands along the two routes including freshwater/tidal wetlands, Sawmill Creek, Terrys Creek, Dam Pond, Orient Harbor, proximity to LI Sound.see attached.

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:
Installation of the proposed water main will involve directional drilling beneath the Peconic River/Estuary as described above. Other areas along the route involve directional drilling or trenching within adjacent jurisdictional areas of wetlands.

iii. Will the proposed action cause or result in disturbance to bottom sediments? ☑ Yes ☐ No
If Yes, describe: Directional drilling

iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation? ☐ Yes ☑ No
If Yes: *Directional drilling will be used to go under the Peconic River and is not expected to affect aquatic plants.

- 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: _____
N/A

c. Will the proposed action use, or create a new demand for water? ☑ Yes ☐ No
If Yes: **The project will augment existing water supplies in the area to meet demand, ensure water quality, and recharge aquifer with fresh water.

i. Total anticipated water usage/demand per day: provide 6,000gpm & 250gpm ~~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: Suffolk County Water Authority Zone 1 extended to points in R/F - J/L and E. Marion & Orient
- 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: _____
  See attached project description and purpose
- Source(s) of supply for the district: There are multiple wells and wellfields supplying SCWA Zone 1

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), what is the 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: _____ 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): _____

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

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

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

If Yes:

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

_____

_____

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

If Yes:

- Applicant/sponsor for new district: _____
- 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

*Project includes removal of pavement & disturbance to unpaved shoulders but these areas will be restored to original condition daily without creating new impervious surfaces

If Yes:

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

_____ Square feet or _____ acres (impervious surface)

_____ Square feet or _____ acres (parcel size)

ii. Describe types of new point sources. _____

_____

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)?

_____

_____

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

_____

_____

- Will stormwater runoff flow to adjacent properties? ☐Yes ☐No

iv. Does the 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)

_____

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)

_____

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

If Yes:

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

ii. In addition to emissions as calculated in the application, the project will generate:

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

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

If Yes:

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

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):

Some minor dust may be generated in areas where trenching and main installation occurs but this is expected to be minor and dust, erosion and sedimentation controls will be instituted. Completed sections of main installation will be be buried, paved where applicable and stabilized each day or work.

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 truck trips/day and type (e.g., semi trailers and dump trucks): _____

_____

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: *Minor additional energy demand associated with pump stations needed to convey water to Jamesport/Laurel from Riverside/Flanders.

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):

PSEG LI

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: Normal daylight working hours
- Saturday: ---
- Sunday: ---
- Holidays: ---

ii. During Operations:

- Monday - Friday: 24/7
- Saturday: 24/7
- Sunday: 24/7
- Holidays: 24/7

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:

Noise will be generated during main installation and pumphouse construction. Construction and installation will occur during normal daylight working hours on weekdays. The only noise expected during operations is pumphouse operations which will be minor with pumps/equipment contained inside

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

If Yes:

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

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): golf course, parks, church, marina, duck farm, yacht club, streets & railroad

ii. If mix of uses, generally describe:

b. Land uses and covertypes on the project site including Riverside-Flanders to Jamesport-Laurel and E. Marion to Orient

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	*SEE ATTACHED		
• Forested			
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• 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)			
• Other Describe: _____			

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:

David Cronin Community Center, Flanders Rd. Flanders 1,450+/-ft s/e of Cross River Drive; Elite Children Day Care 155+/- ft east of Cross River Drive in Riverhead; Riverhead Charter School/Old Northville School 175+/- ft south of Sound Avenue; Oyster Bay Ponds Elementary School 275+/- ft north of Sound Avenue and Tabor Road intersection in Orient.

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): 2104060 Skippers Lane Orient (open)

☐ 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: _____

N/A

_____

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

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

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

_____

_____

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

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

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? 1,200+/- to 1,000+/- feet Riverside/Flanders to Jamesport/Laurel; 500+/- feet E. Marion to Orient

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

c. Predominant soil type(s) present on project site: See attached _____ %; _____ %; _____ %

d. What is the average depth to the water table on the project site? Average: 26-28 feet *Varying between 0 ft at Peconic River/Estuary crossing to 60+/- feet

e. Drainage status of project site soils:
☐ Well Drained: _____% of site
☐ Moderately Well Drained: _____% of site
☐ Poorly Drained _____% of site
*Mixed including nonnative road bed; TBD in DEIS

f. Approximate proportion of proposed action site with slopes:
☑ 0-10%: 99+ % of site
☑ 10-15%: <1 % of site
☐ 15% or greater: _____% of site
*Project site includes the ROWs of local streets and highways that have been graded to address steep slope issues. Predominately flat to gently sloping, short slope on north and south banks of of Peconic River.

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
***See Attached**

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

- Streams: Name See Attached Classification _____
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name _____ Approximate Size _____
- 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: _____
Peconic River and tributaries, Flanders Bay and Sawmill Creek; see attached.

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: Suffolk County Upper Glacial and Magothy Aquifers

m. Identify the predominant wildlife species that occupy or use the project site: ***Project involves installation of water mains in street ROWs**

Variety of species including birds, mammals, reptiles, amphibians, fish and shellfish are expected to populate adjacent habitats.

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

If Yes: ***Project involves installation of water mains in street ROWs**

i. Describe the habitat/community (composition, function, and basis for designation): Adjacent pitch pine-oak forest south of Peconic River; flagged red maple-white oak swamp 1,373 feet away; adjacent coastal salt pond/maritime beach

ii. Source(s) of description or evaluation: NYSDEC Environmental Mapper and NYSDEC EAF Mapper

iii. Extent of community/habitat:

- Currently: 2,866;16.5;no info respective acres
- Following completion of project as proposed: same/no change acres
- Gain or loss (indicate + or -): same no change 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

If Yes: ***Project involves installation of water main in street ROWs**

i. Species and listing (endangered or threatened):

Flagged Species adjacent to ROWs include endangered Northern long-eared bat

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

If Yes:

i. Species and listing:

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: Long Island Sound 924-1 SA Waters and Orient Harbor 924-18 SA Waters open for shellfishing except as indicated below; Oyster Ponds Creek & Orient Harbor next to Orient Yacht Club are open for shellfishing, seasonally.

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: Suffolk 007 (Riverhead) and Suffolk 001 (Southold)

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

i. If Yes: acreage(s) on project site? Thousands of acres of agricultural land adjacent to the route. See attached NY Agricultural Districts Maps

ii. Source(s) of soil rating(s): Soil Survey of Suffolk County, NY; NYS Agricultural Districts Maps

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: Southampton APOD, CPB, Peconic Estuary & Environs, Central Suffolk SGPA, Dam Pond SCF&WH and Orient Creek SCF&WH

ii. Basis for designation: Protect ground/drinking water, public health, surface water, vegetation and scenic beauty

iii. Designating agency and date: 3-19-93, 2-10-88, 6-20-84, 7-12-88

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? ☑ Yes ☐ No

If Yes:

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

ii. Name: No resources on ROWs but many adjacent Listed or Eligible resources, one adjacent Eligible historic district and two Listed historic districts.

iii. Brief description of attributes on which listing is based: ***See attached narrative and figures.**

Eligible for National Register based on Criteria A & C. See attached narrative and maps.

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

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

If Yes: ***Project involves installation of water main in street ROWs**

i. Describe possible resource(s): See Attached

ii. Basis for identification: _____

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

If Yes:

i. Identify resource: _____

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

iii. Distance between project and resource: _____ miles.

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

If Yes:

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

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

F. Additional Information

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

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

G. Verification

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

Applicant/Sponsor Name Michael Brusseau AICP CEP, WEDG, LEED AP (agent) Date April 30, 2025

Signature _____ Title Project Manager & Senior Environmental Planner (NPV)

PRINT FORM

SUFFOLK COUNTY WATER AUTHORITY
RIVERSIDE / FLANDERS TO JAMESPORT / LAUREL AND EAST MARION TO ORIENT
WATER MAIN EXTENSIONS
Environmental Assessment Form Part 1 Attachment
April 30, 2025

Section A: Project Description

Phase 1: *Riverside/Flanders to Jamesport/Laurel Water Main Extension*: Installation of approximately 43,052± linear feet (LF) (8.15± miles) of 24-inch diameter transmission water main within existing street and highway rights-of-way (ROWs) beginning at the intersection of Flanders Road (SR 24) and Cross River Drive (CR 105) between the Hamlets of Riverside and Flanders in the Town of Southampton, north along Cross River Drive (CR 105), under the Peconic River/Peconic Estuary using directional drilling, and proceeding north along Cross River Drive in the Town of Riverhead a total of 3.77± miles until its intersection with Northville Turnpike (CR 43).

From there, the proposed water main will extend 0.53± miles to the northeast along Northville Turnpike to the intersection of Northville Turnpike and Sound Avenue, then east (2.42± miles) along Sound Avenue within Riverhead to Pier Avenue and a proposed booster station located 200+ feet north of the intersection of Sound Avenue and Pier Avenue on a vacant 1.5-acre partially cleared and disturbed SCWA property (SCTM: 600-8-3-1.9).

Continuing south from the proposed Pier Avenue booster station then east along Sound Avenue a distance of 1.39± miles to a point south of the Sound Avenue - Jamesport Wellfield and Pump Station at the Town of Riverhead and Town of Southold municipal boundary (Jamesport-Laurel) and SCWA Distribution Area 30 and a 16-inch SCWA service main. See attached location maps and aerial photographs.

The proposed Riverside/Flanders to Jamesport/Laurel main will convey water at a rate of up to 6,000 gallons per minute (gpm). A total of 3,322± LF (0.63± miles) of the main will be installed using directional drilling, including 1,950± LF beneath the Peconic River, 1,221± LF beneath the Long Island Railroad and Hubbard Avenue, and 171± LF beneath Main Road. Approximately 39,730± LF (7.52 miles) will be installed and backfilled by trenching.

Phase 2: *East Marion to Orient Water Main Extension*: Phase 2 involves long-range planning for a possible future 20,000± linear-foot (3.79-mile) water main extension consisting of a combination of 6, 8 and 12-inch diameter mains between East Marion and Orient in the Town of Southold to serve approximately --- existing residential and non-residential premises in the Hamlet of Orient, south of Sound Avenue along the east shore of Orient Harbor (see attached maps). This improvement would extend east along Main Road (SR 25) from East Marion, just west of Dam Pond a distance of 1.90± miles) to the intersection of Tabor Road, south along Tabor Road

and down several streets in this neighborhood, including parts of Orchard Street, Navy Street, King Street, Vincent Street, Willow Street, Fletcher Street, Skippers Lane, Harbor River Road, and Oyster Ponds Lane. An estimated 1,115± linear feet of the East Marion to Orient main will be installed via directional drill and the remainder will be installed using trenching. The 1,115± feet of directional drills includes one 445-foot section along Sound Avenue in East Marion, two 200-foot sections along Main Road where culverts are located along Main Road, 95± linear feet from tat the intersection of Main Road and Oyster Ponds Lane, 85± feet at the intersection of Main Road and Village Lane, and 90± linear feet at the intersection Main Road and Tabor Road. Peak flow is estimated to be 250 gpm. Service lines will be installed to each home along this service route.

Main Installation

The total length of the two water main extensions is 11.94 miles Including 8.15 miles (R/F to J/L) and 3.79 miles (EM to O). The proposed water main installations will be located primarily within the street rights-of-way along the identified routes consisting primarily of County and Town roads with directional drill crossings beneath the Peconic River, Cross River Drive at Hubbard Avenue and the LIRR, and Cross River Drive at Main Road for the Riverside/Flanders to Jamesport/Laurel route as explained above (Sections of main to be directionally drilled are shown in blue and sections to be trenched are shown in red on the attached figures).

The typical width of disturbance for main installations within trenches in paved areas will be approximately three feet (3 feet) and up to 57 inches in depth (4 feet, 9 inches) below ground, unless otherwise affected by other underground utilities, and up to 10 feet of disturbance, by width in shoulder areas, including equipment and materials staging areas. The daily main installation rate for trenched sections is estimated to be 300 to 400 feet/day and up to 600 feet/day or more on long stretches within grassed shoulder areas such as along sections of Cross River Drive (CR 105).

The depths of directional drillings are deeper, reaching a depth of 30+ feet below the Peconic River through the river bed. The proposed directional drill under the Peconic will consist of a 1,633± foot (horizontal distance) 24-inch diameter high-density polyethylene pipe (H.D.P.E.) which will be encased in bentonite clay to ensure a tight seal. The 24-inch H.D.P.E pipe and bentonite clay are also proposed for the Hubbard Avenue, LIRR, and Main Road directional drills mentioned above. An erosion and sedimentation plan will be implemented. After daily main installation and backfilling, some excess soil and pavement may be left over. Excess soil and pavement will be disposed daily at an approved construction and demolition debris (C&D) disposal site. A management plan to prevent the spread of the golden nematode will also be provided as needed

Booster Station

A booster station will be constructed to serve the proposed Riverside/Flanders to Jamesport/ Laurel main extension. The booster station will be 405± SF in area and is proposed on a vacant 1.5-acre property owned by SCWA. The booster station property is located approximately 200 feet north of the intersection of Sound Avenue and Pier Avenue on the west side of Pier Avenue and is identified as SCTM: 600-8-3-1.9. See attached R/F to J/L figures. The property was partially cleared in the past but has become overgrown again, mostly with invasive species and therefore will require an estimated 15,688.9 SF (0.36 acres) of clearing including 12,490.5 SF (0.287 acres) of formerly cleared successional and invasive brush and 3,198.3 SF (0.073 acres) of woodlands. The booster station will be set back from the street, a distance of 97± feet and will be 40+ feet from the closest adjacent property line. A 16-inch main will be installed onsite to the booster station and a 16-inch main will be installed onsite from the booster station. A short asphalt driveway and a small asphalt vehicle parking area for a few cars or trucks will also be constructed onsite to provide access to the station for periodic inspections and maintenance. The access driveway will be located at the same location as the existing driveway entrance and gate near the northeast corner of the property.

Section A: Purpose and Objectives

The purpose and objectives of this project are:

1. Provide a long-term solution to the limited supply of potable drinking water in SCWA's Southold system by supplementing the existing SCWA system with water sources that will have minimal impacts on the salt water interface and replenish and rehabilitate the local aquifer system with the water conveyed to the area.
2. Create a substantial interconnection between the Southold system and the SCWA distribution system to the west thereby increasing overall system reliability.
3. Ensure water availability for consumption, residential and non-residential purposes, and firefighting uses.
4. Provide a sufficient quantity of high-quality potable water to SCWA customers within the Town of Southold.
5. Reduce the environmental impact of maintaining numerous low-capacity wells that currently serve the Southold Low water supply system.

Section A: Property Owners

Ownership of the affected land consists primarily of the owners of:

- New York State ROWs (Department of Transportation);
- Suffolk County ROWs (Department of Public Works);
- Towns of Riverhead and Southold ROWs (Departments of Public Works/Town Boards);

- Underwater lands (Peconic River/Estuary) Town of Southampton (Southampton Trustees);
- Underwater lands (Peconic River/Estuary) Town of Riverhead (Town Council);
- Metropolitan Transportation Authority (directional drill beneath the railroad near Hubbard Avenue); and
- Booster Station lot (Suffolk County Water Authority).

Section B: Government Approvals, Funding Permits, and Coordination

Involved Agencies

Federal

1. US Army Corps of Engineers (USACE) wetlands permit to install main under navigable waters (Peconic River/Estuary) at the Cross River Drive (CR 105) crossing.

State

2. NYSDEC (Tidal and Freshwater Wetlands Permits). SCWA has been issued a general permit for some actions within State wetlands jurisdiction but there are some exceptions and wetlands permits may be required along the one or both installation routes.
3. NYSDEC (SPDES General Permit for Stormwater Discharges from Construction Activity Permit and Stormwater Pollution Prevention Plan (SWPPP)).
4. NYSDOT (crossing at intersection of Cross River Drive (CR 105) and Main Road (SR 25) in Riverhead and installation of main along Main Road (SR 25) in Orient).
5. NYSDOS (State Coastal Consistency Review and Coastal Hazard Area in E. Marion to Orient including the Coastal Barrier Resources System.

County[1]

6. Suffolk County Department of Public Works (SCDPW) (Road Opening Permit within County ROWs, Cross River Drive (CR 105), Northville Turnpike (CR 43), Sound Avenue and adjacency of main installation to Indian Island County Park along Cross River Drive).

Town[1]

7. Town of Southold (Local Waterfront Revitalization Program (LWRP) Consistency Review)

Other

8. Suffolk County Water Authority (SCWA) - Funding, Undertaking the Project, and requested/ expected Lead Agency for the environmental review).
9. Metropolitan Transit Authority (MTA) (ministerial permit to directional drill and installation of main under the Long Island Rail Road).

[1] Under the balancing of public interests approach adopted by the New York Court of Appeals in Matter of the County of Monroe v. City of Rochester (72 N.Y.2d 338 (1988)) if proposed SCWA activities are consistent with SCWA's legislative purpose and are in furtherance of SCWA's essential governmental function of operating a public water supply system, the activities are immune from local land use review. SCWA will include a Monroe analysis of the Project in the Draft Environmental Impact Statement demonstrating SCWA's immunity from local land use review.

Interested Agencies

Town[1]

1. Town of Riverhead (Notification of directional drill and installation of water main beneath Hubbard Avenue, in underwater lands of the Peconic River/Estuary parallel with Cross River Drive and work within 150' of Town wetlands, road openings, construction of booster station on property owned by SCWA off Pier Avenue (SCTM: 600-8-3-1.9)).
2. Town of Southold (Notification of work within 150' of Town wetlands, road openings).
3. Town of Southampton (Notification of directional drill and installation of water main in underwater lands of the Peconic River/Estuary parallel with Cross River Drive and work within 150' of Town wetlands).

County[1]

4. Suffolk County Parks Department *(adjacency of main installation to Indian Island County Park along Cross River Drive).*
   Suffolk County Parks
   P.O. Box 144
   West Sayville, NY 11796

State

5. New York State Office of Parks, Recreation and Historic Preservation (OPRHP) Cultural Resource Information Systems (CRIS) referral (project adjacency to historic district and Federal and State Listed or Eligible historic or cultural resources).
6. New York state Department of Environmental Conservation (NYSDEC Division of Marine Resources, Marine Habitat Protection Section (adjacency to Orient Harbor Significant Coastal Fish & Wildlife Habitat, Orient).

Regional

7. Peconic Estuary Program (Peconic River, Sawmill Creek, Terrys Creek main crossings)
8. Long Island Sound Study (main installation in proximity to LI Sound).
9. Riverhead Water District

Local Non-Agency Parties of Interest (Complimentary copies)

10. Group for the East End
11. Orient Association
12. East Marion Community Association
13. Southold Peconic Civic Association
14. Nature Conservancy of Long Island
15. North Fork Environmental Council

Section E.2 h: Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? Yes. See below.

Riverside-Flanders to Jamesport Laurel Section

Surface Waterbodies

1. *Peconic River, Lower Tributaries and Tidal Wetlands*: Priority Water List Identification (PWL-ID): Segment 1701-0259, reach and tributaries from mouth to Peconic Avenue dam (tidal); 146.1 acres; (Classification SC, marine waters, best usage for fishing); Integrated Reporting 305(b) Code (IR): IR-4c, Impaired due to due to pollution not a pollutant/algal weed growth; nutrients, dissolved oxygen, aquatic life; Total Maximum Daily Load (TMDL) standard for nitrogen (2007).
2. *Flanders Bay/West, Lower Sawmill Creek*: PWL-ID Segment 1701-0254; 146.5 acres; (Classification SC, marine waters, best usage for fishing); 305(b) Code IR-4a, Impaired, based on dissolved oxygen concentrations, nitrogen, and pathogens, aquatic life; TMDL completed.
3. *Terry's Creek*: Classification C, freshwater, best usage for fishing; No further pertinent information available.

Wetlands

1. *NYSDEC Freshwater Wetland ID R-72*: Located at the northwest corner of Flanders Road and Cross River Drive (CR 105) in Riverside, Southampton; Class 1[2], 21 acres. Area of disturbance outside of NYSDEC 100-foot jurisdiction but in the wetlands "check zone" and within Town of Southampton 200-foot wetlands jurisdiction. This area also includes tidal wetlands under NYSDEC jurisdiction.
2. *NYSDEC Freshwater Wetland ID R-4*: Riparian freshwater wetlands and wetlands check zones associated with inland areas along Terry's Creek at Cross River Drive (CR 105) crossing. Class 1[2], 38.6 acres.
3. *NYSDEC Freshwater Wetland ID R-14*: North of the intersection of Sound Avenue and Pennys Road. Work NOT within NYSDEC's 100-foot jurisdiction, but is, within the wetlands "check zone." Class 3[2], 4.4 acres.
4. *Tidal Wetlands associated with the Peconic River/Peconic Estuary and its tributaries*: Includes littoral zones, high marsh, and intertidal marsh.
5. *Tidal Wetlands associated with Sawmill Creek stemming from the Peconic Estuary:* Includes a littoral zone.

East Marion to Orient Section

Surface Waterbodies

1. *Dam Pond*: PWL-ID Segment 1701-228; 52.2 acres; Classification SA, marine waters, 305(b) Code IR-1, Water attaining all standards. All uses are fully supported. Suitable for

[2] Wetlands Classes I, II, III and IV: Class I wetlands provide the most benefits and Class IV wetlands provide the fewest benefits.

shellfishing, public bathing and general recreation use, and support of aquatic life.

2. *Orient Harbor and Tributaries*: PWL-ID Segment 1701-0168; 2,832.8 acres; Classification SA, marine waters; 305(b) Code IR-1, Not Impaired. Water attaining all standards with minor impacts due to suspected priority organics (PCBs) in migratory fish. Suitable for shellfishing, public bathing and general recreation use, and support of aquatic life. The only restrictions in this segment are a year–round closure within 500 feet of Spring Pond and a seasonal closure of shellfishing at the Orient Yacht Club.
3. *Long Island Sound* from Jamesport Inlet to East Point/Fishers Island: PWL-ID Segment 1702-0266; 100,709.8 acres; Classification SA, marine waters; 305(b) Code IR-1, Water Attaining All Standards with minor impacts due to suspected priority organics (PCBs) in migratory fish.

Wetlands

1. Tidal Wetlands associated with Dam Pond, Orient Harbor and its tributaries and Long Island Sound (724-556, ID 143 and 153): Includes fringing littoral zones; high marsh; intertidal marsh; and shoals, bars and mudflats.

See attached maps.

Section E1.b. Land uses and cover types on the project site including Riverside/Flanders to Jamesport/Laurel and E. Marion to Orient Main Extensions

	Existing (Ac)	**Proposed (Ac)**	**Difference (Ac)**
Impervious/paved ROW+booster	2.56	2.68	+0.12 (booster)
Unpaved/shoulder	5.23	5.23	0
Successional vegetative growth	0.36	0	-0.36 (booster)*
Landscaping	0	0.24	+0.24(booster)*

3,992 linear feet of Underground Directional Drill/Subsurface (Not included)

*Booster site to include 0.36 acres of clearing which will include 0.12 acres of impervious surface including driveway, parking area, and booster station and the remaining 0.24 acres of disturbed area will be landscaped or be naturally vegetated. The remaining 1.14 acres of the 1.5-acre booster site is natural forest, previously disturbed successional growth, and unpaved dirt driveway which is not proposed to be disturbed at this time under the Proposed Action.

Section E.3.e.3. Historic and archaeological resources (State and National Register Listed and Eligible Landmarks and Historic Districts)

Adjacent to Riverside/Flanders to Jamesport/Laurel Section:

- Adjacent Eligible Main Road Historic District (10306.000890), Main Road and Cross River Drive, Riverhead. Includes adjacent Eligible William H. Young House (10306.000894) at Main and Cross River Drive and Eligible Fanning-Harold Goodale Farm (10306.000458) at 190 Main Road.
    - Historic District Criteria A: Associated with events that have made a significant contribution to the broad patterns of our history.
    - Historic District Criteria C: Embodies the distinctive characteristics of a type, period or method of construction; or represents the work of a master; or possess high artistic values; or represents a significant and distinguishable entity whose component may lack individual distinction.
- Listed: Harrison Downs House & Farm 8973 Sound Avenue, Riverhead (10306.000040)
- Listed: Eugene Hallock House Sound Avenue, Riverhead (10306.000045)
- Eligible: Property along Sound Avenue as follows: Howell House, Sound Ave Congregational Church Parsonage, Aunt Francis' Washhouse, Daniel Wells IV House, Thomas Wardle House, Salem Wells House, James Harvey Benjamin House, Jabez Corwin House, Daniel T. Luce House, Northville Academy (Congregation Church Parish Hall), George Mitchell Terry House, Old Hallock Homestead, Wheeler Wells House, George Luce House, District #10 School House, Hallock Luce House, Mitchel Terry House, Joshua Minor Wells House, John Luce House, Buel Wells House, and Hallock Homestead.
- Areas of archaeological sensitivity
    - Along Cross River Drive between Flanders Road and all of Indian Island County Park
    - Along Sound Avenue around the Sound Avenue/Pier Avenue intersection

Adjacent to East Marion to Orient Section:

- Listed: 185.54-acre East Marion Main Road Historic District, East Marion, includes numerous Listed structures (19NR00025), 217.67 acres, 120 properties, meets the National Register Criteria, property is considered locally Significant
- Listed Orient Historic District, Orient (90NR01894), including 177 Listed structures in the neighborhood to receive water, meets the National Register criteria, property is considered locally Significant
- Areas of archaeological sensitivity
    - Along Main Road between Kayleigh's Court and the east shore of Dam Pond.

FIGURES

SCWA NORTH FORK WATER MAIN EXTENSIONS

Riverside/Flanders to Jamesport/Laurel

NPV

FIGURE 1 -1
LOCATION MAP

Sources: ESRI WMS, 2023; SCWA, 2025
Scale: 1 inch equals 800 feet

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

Legend
Municipal Boundary
Proposed Water Main Extension
Horizontal Directional Drill
Open Trench

Cross River Drive (CR 105)

Aquebogue

Terrys Creek

Terrys Lake

Rabbit Run
Northville Tpke
Doctors Path
Middle Rd
Old Country Rd
Park Ave
Lewis St
Phillips St
Oliver St
Kings Dr
E Main St
Main Rd
Cross River Dr
Union Ave
Grant Dr
Witt Ln
Forest Dr
Fox Run Ln
Further Ln
Daly Dr
Sandalwood Ln
Broad Ave
Linda Ave
Shade Tree Ln
Trout Brook Ln
Cove St
Belli Ave
Zion St
Hubbard Ave
Overlook Dr
Edgar Ave
25

0 400 800 Feet

NPV

FIGURE 1 -2
LOCATION MAP

Sources: ESRI WMS, 2023; SCWA, 2025
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

NPV

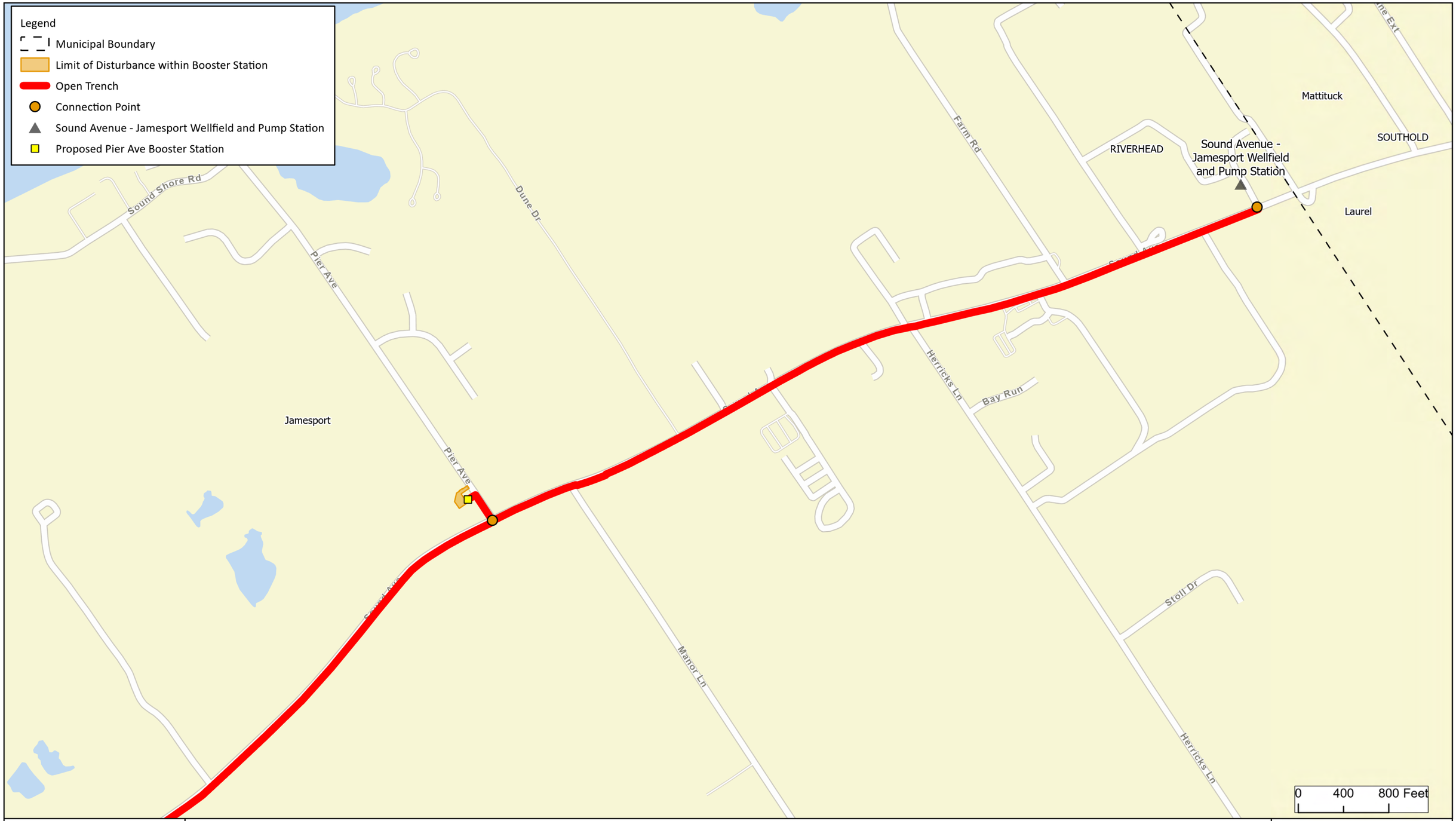
FIGURE 1 -3
LOCATION MAP

Sources: ESRI WMS, 2023; SCWA, 2025
Scale: 1 inch equals 800 feet

N

SCWA North Fork
Water Main Extensions

Riverside/Flanders to
Jamesport/Laurel



NPV

FIGURE 1 -4
LOCATION MAP

Sources: ESRI WMS, 2023; SCWA, 2025
Scale: 1 inch equals 800 feet

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

NPV

FIGURE 2 -1
AERIAL MAP

Sources: NYS Ortho Imagery, 2023; SCWA, 2025
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

NPV

FIGURE 2 -2
AERIAL MAP

Sources: NYS Ortho Imagery, 2023; SCWA, 2025
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

NPV

FIGURE 2 -3
AERIAL MAP

Sources: NYS Ortho Imagery, 2023; SCWA, 2025
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

Legend

- Municipal Boundary
- Limit of Disturbance within Booster Station
- Open Trench
- Connection Point
- Sound Avenue - Jamesport Wellfield and Pump Station
- Proposed Pier Ave Booster Station

Sound Shore Rd
Dune Dr
Pier Ave
Jamesport
A Rd
Sound Ave
Farm Rd
Herricks Ln
RIVERHEAD
Sound Avenue - Jamesport Wellfield and Pump Station
Mattituck
SOUTHOLD
Laurel
Manor Ln
Stoll Dr
0 400 800 Feet

NPV

FIGURE 2 -4
AERIAL MAP

Sources: NYS Ortho Imagery, 2023; SCWA, 2025
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

NPV

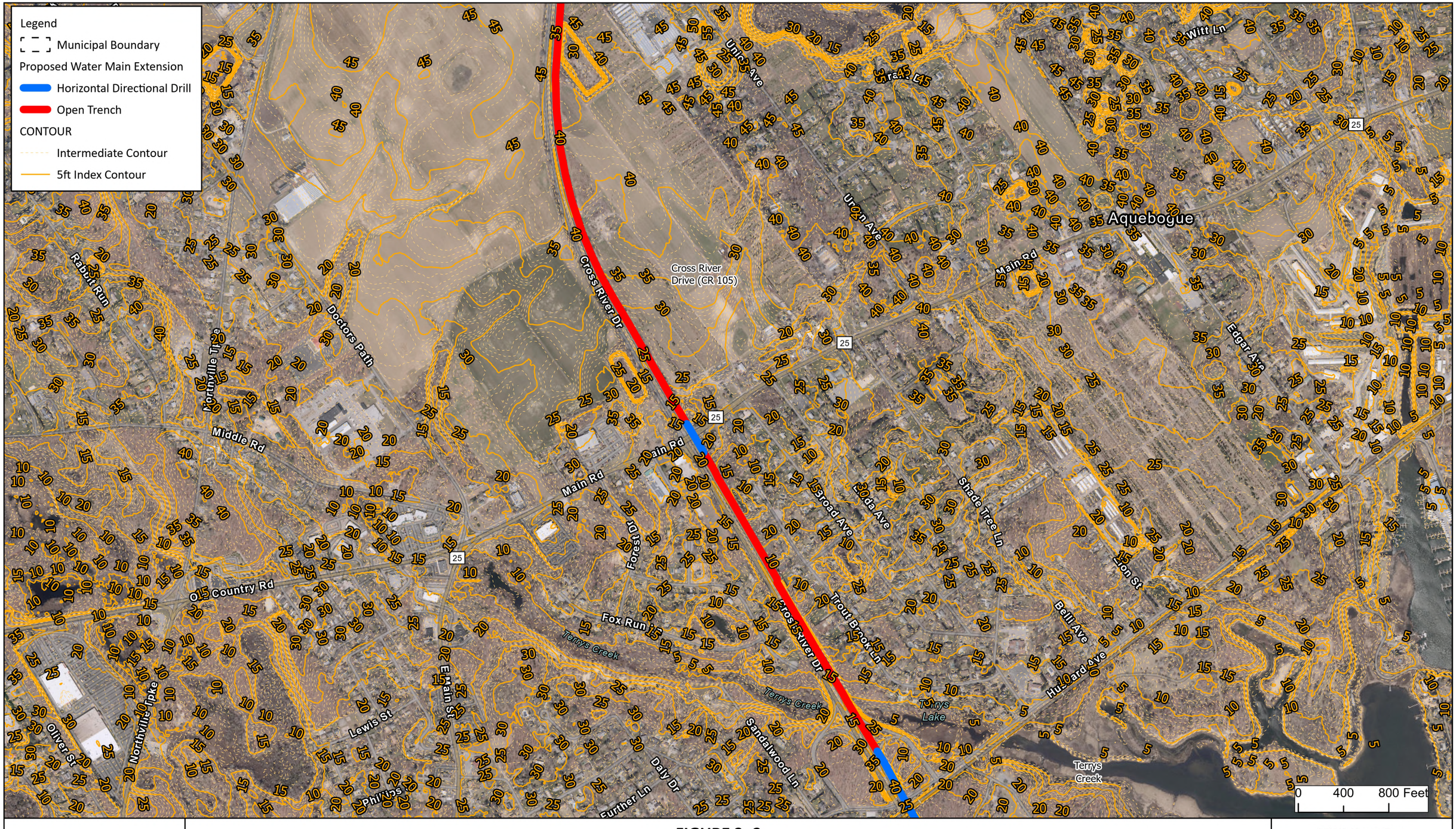
FIGURE 3 -1
TOPOGRAPHY

Sources: NYS Ortho Imagery, 2023; USGS Long Island LiDAR Collection, 2014
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel



NPV

FIGURE 3 -2
TOPOGRAPHY

Sources: NYS Ortho Imagery, 2023; USGS Long Island LiDAR Collection, 2014
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

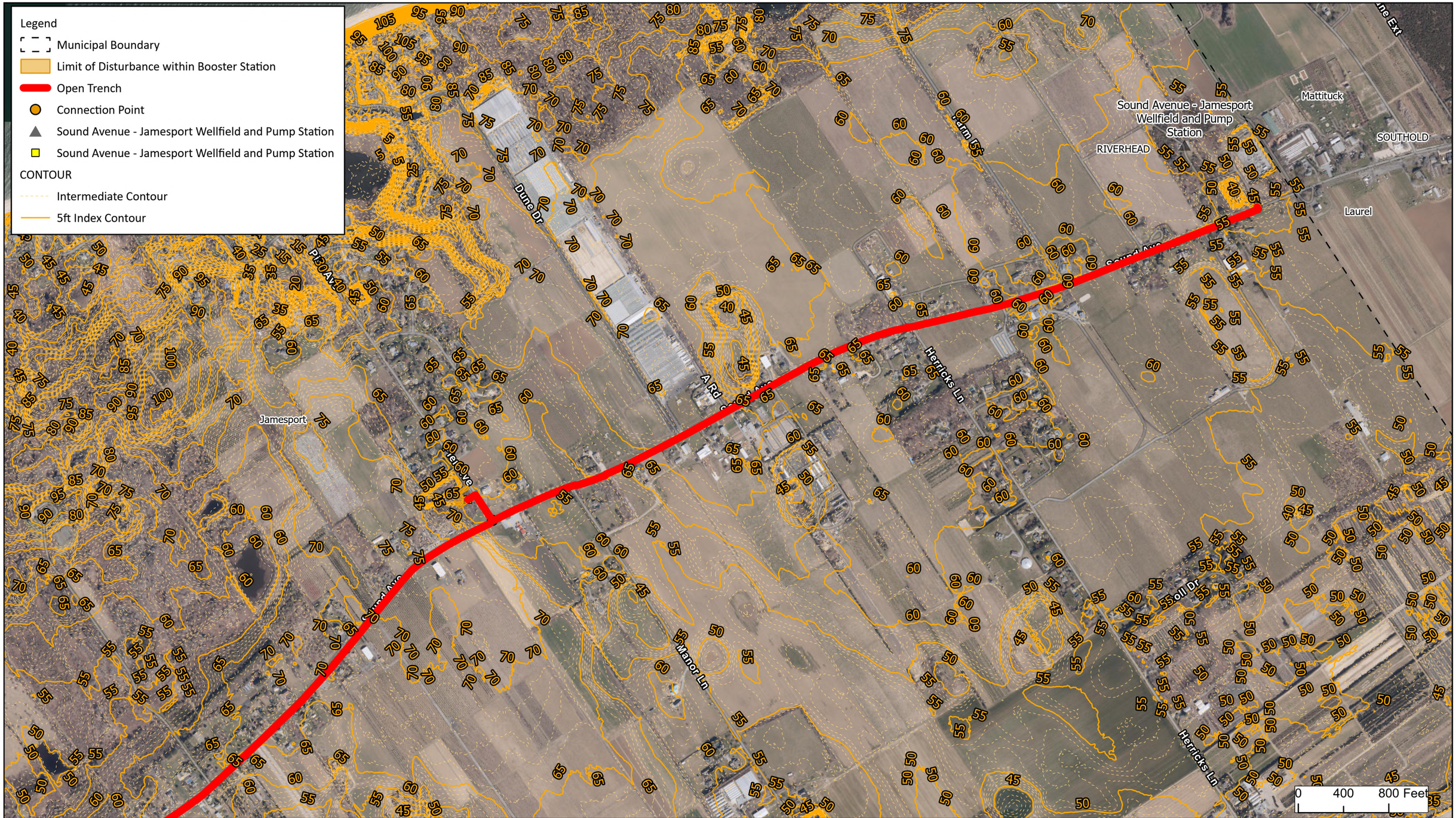
FIGURE 3 -3
TOPOGRAPHY

Sources: NYS Ortho Imagery, 2023; USGS Long Island LiDAR Collection, 2014
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel



NPV

FIGURE 3 -4
TOPOGRAPHY

Sources: NYS Ortho Imagery, 2023; USGS Long Island LiDAR Collection, 2014
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

Legend

Municipal Boundary

Proposed Water Main Extension

Horizontal Directional Drill

Open Trench

Connection Point

Soil Types

CpA - Carver and Plymouth soils, 0-3% slopes

CpC - Carver and Plymouth soils, 3-15% slopes

CuB - Cut and fill land, gently sloping

De - Deerfield loamy fine sand, 0-3% slopes

Fd - Fill land, dredged material

PlA - Plymouth loamy coarse sand, 0-3% slopes

Tm - Tidal Marsh

W - Water

Wd - Wadpole sandy loam, ,coastal lowland, 0-3% slopes

Fairway Ave
Sunrise Ave
Hubbard Ave
Hubbard Ave
John's St
Creek Rd
Indian Island County Park
Hulse Ave
105
New Rd
Indian Point Rd
25
1st St
Sawmill Creek
Sawmill Creek
Indian Island Golf Course
Union Ave
East Ave
Maple Ave
Roanoke Ave
Riverside Dr
River Ave
RIVERHEAD
25
105
Riverhead
Peconic River
SOUTHAMPTON
Arlen Ct
Road D
24
Flanders Rd
Point Rd
Priscilla Ave
Priscilla Ave
Point Rd
Woodroad Trl
Riverside Ave
Evergreen Rd
Vail Ave
Riverside
Riverside
Flanders
Flanders
0 400 800 Feet

FIGURE 4 -1
SOILS MAP

Sources: NYS Ortho Imagery, 2023; USGS Web Soil Survey accessed May 6, 2025
Scale: 1 inch equals 800 feet

N

NPV

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

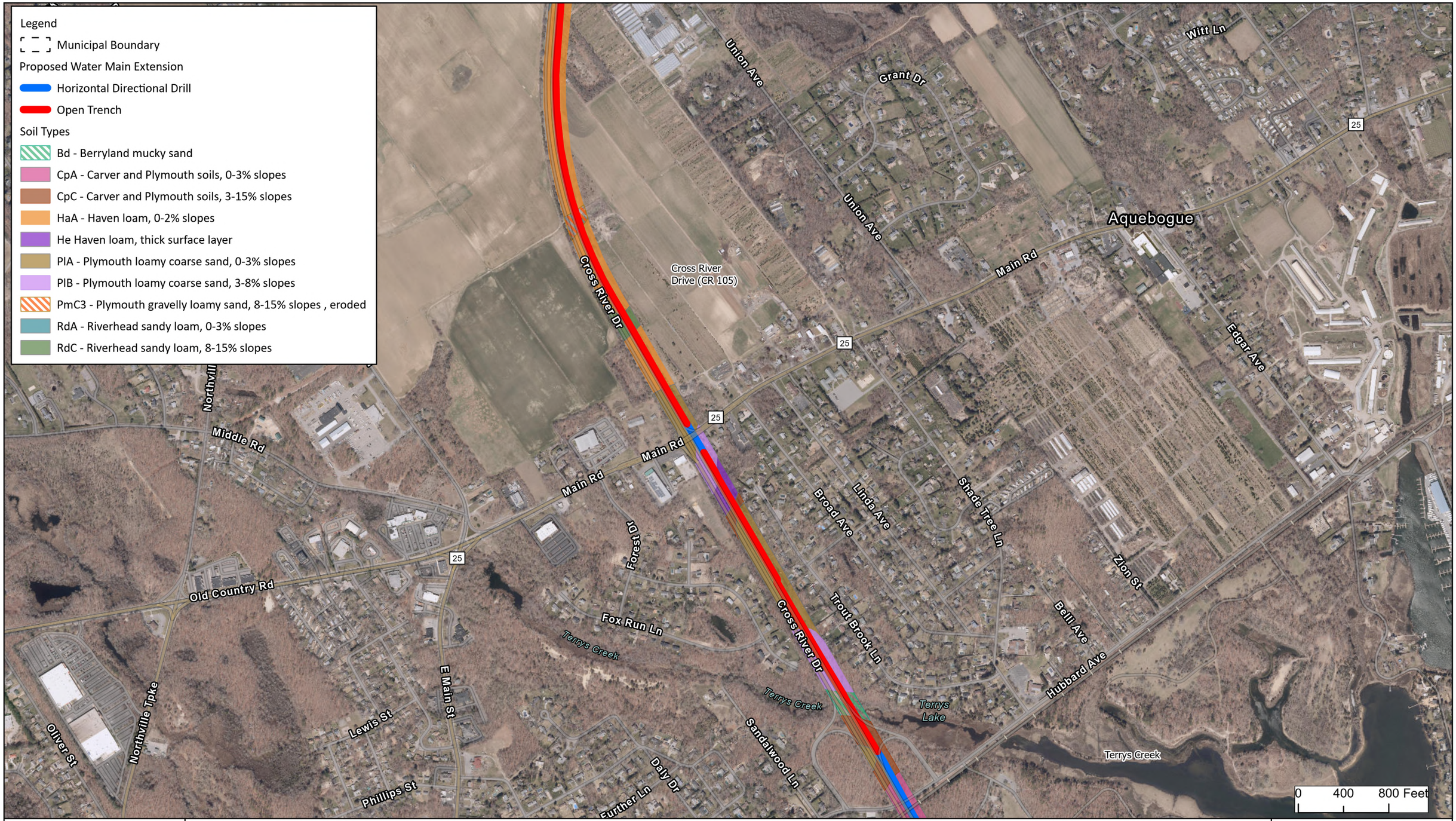


FIGURE 4 -2
SOILS MAP

Sources: NYS Ortho Imagery, 2023; USGS Web Soil Survey accessed May 6, 2025
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

NPV

FIGURE 4 -3
SOILS MAP

Sources: NYS Ortho Imagery, 2023; USGS Web Soil Survey accessed May 6, 2025
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

FIGURE 4 -4
SOILS MAP

Sources: NYS Ortho Imagery, 2023; USGS Web Soil Survey accessed May 6, 2025
Scale: 1 inch equals 800 feet

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

NPV

FIGURE 5 -1
NYS DEC FRESHWATER WETLANDS

Sources: NYS Orthoimagery, 2023; NYSDEC, 2016
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

NPV

FIGURE 5 -2
NYS DEC FRESHWATER WETLANDS

Sources: NYS Orthoimagery, 2023; NYSDEC, 2016
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

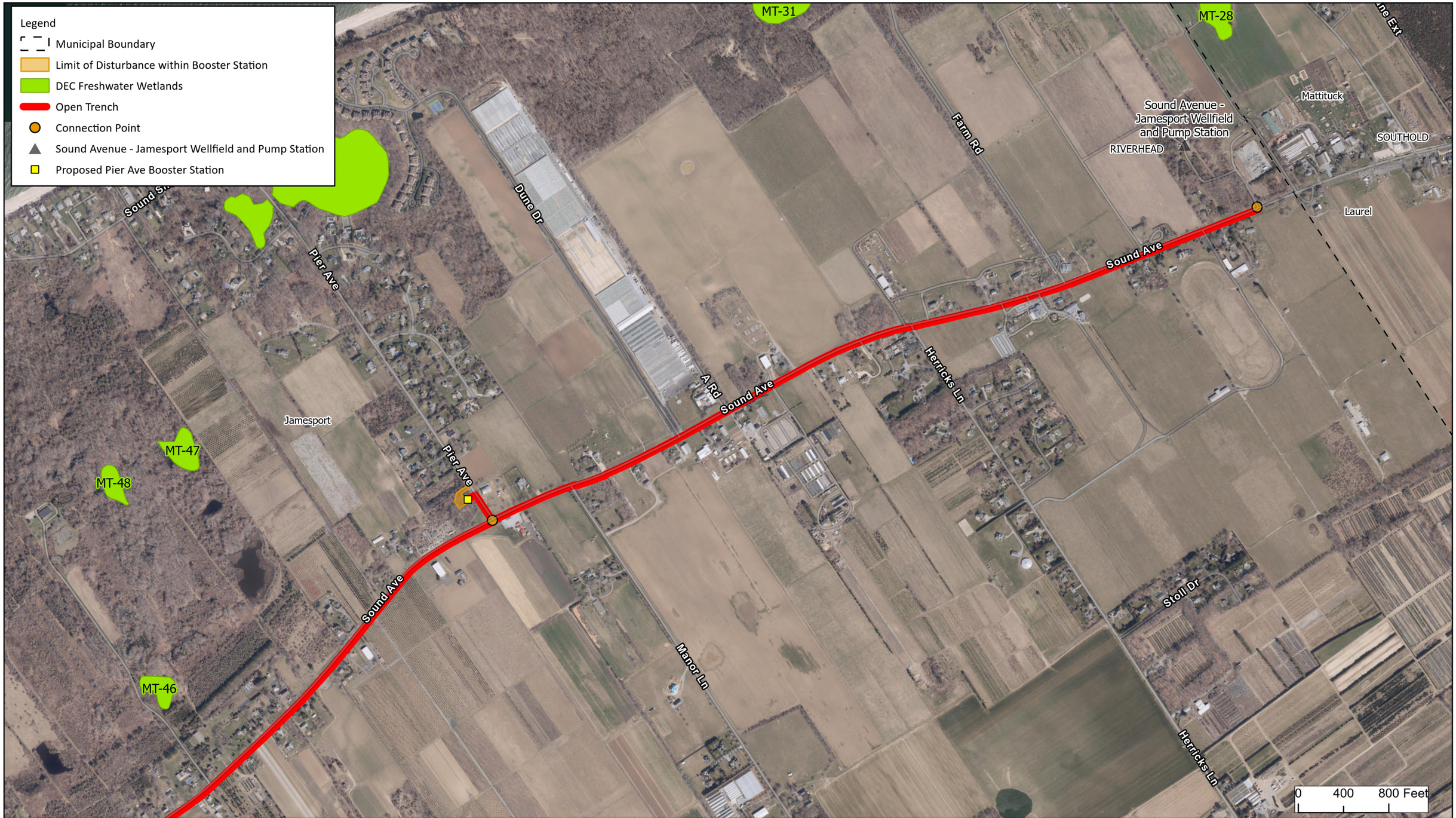
NPV

FIGURE 5 -3
NYS DEC FRESHWATER WETLANDS

Sources: NYS Orthoimagery, 2023; NYSDEC, 2016
Scale: 1 inch equals 800 feet

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel



NPV

FIGURE 5 -4
NYS DEC FRESHWATER WETLANDS

Sources: NYS Orthoimagery, 2023; NYSDEC, 2016
Scale: 1 inch equals 800 feet

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

NPV

FIGURE 6 -1
COASTAL BARRIER RESOURCES SYSTEM MAP

Sources: NYS Ortho imagery, 2023; US F&W 2024
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

NPV

FIGURE 6 -2
COASTAL BARRIER RESOURCES SYSTEM MAP

Sources: NYS Ortho imagery, 2023; US F&W 2024
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

NPV

FIGURE 6 -3
COASTAL BARRIER RESOURCES SYSTEM MAP

Sources: NYS Ortho imagery, 2023; US F&W 2024
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

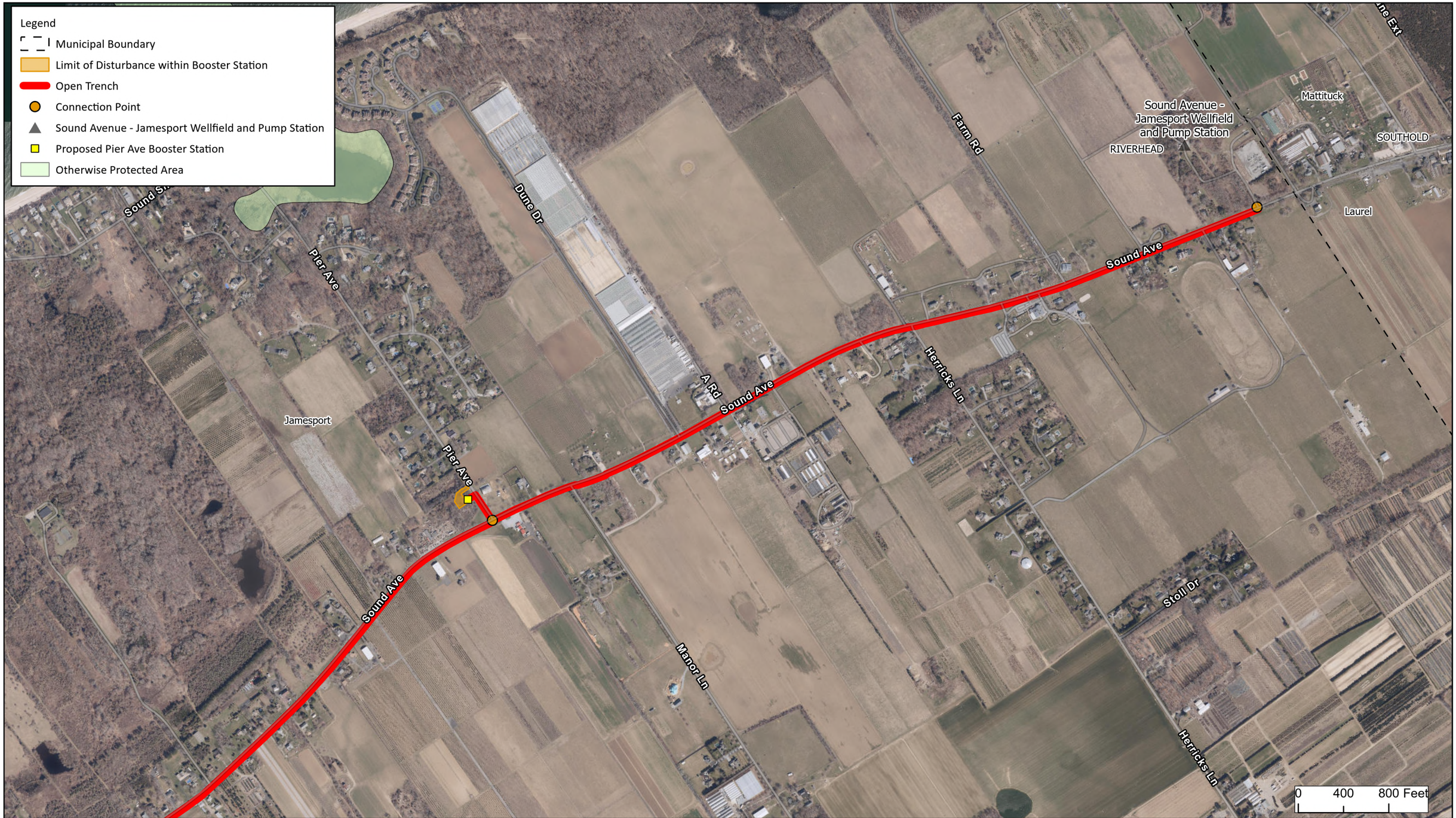


FIGURE 6 -4
COASTAL BARRIER RESOURCES SYSTEM MAP

Sources: NYS Ortho imagery, 2023; US F&W 2024
Scale: 1 inch equals 800 feet

N

NPV

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

NPV

FIGURE 7 -1
AGRICULTURAL DISTRICTS MAP

Sources: NYS Ortho imagery, 2023;NYS Department of Agriculture and Markets, 2022
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

NPV

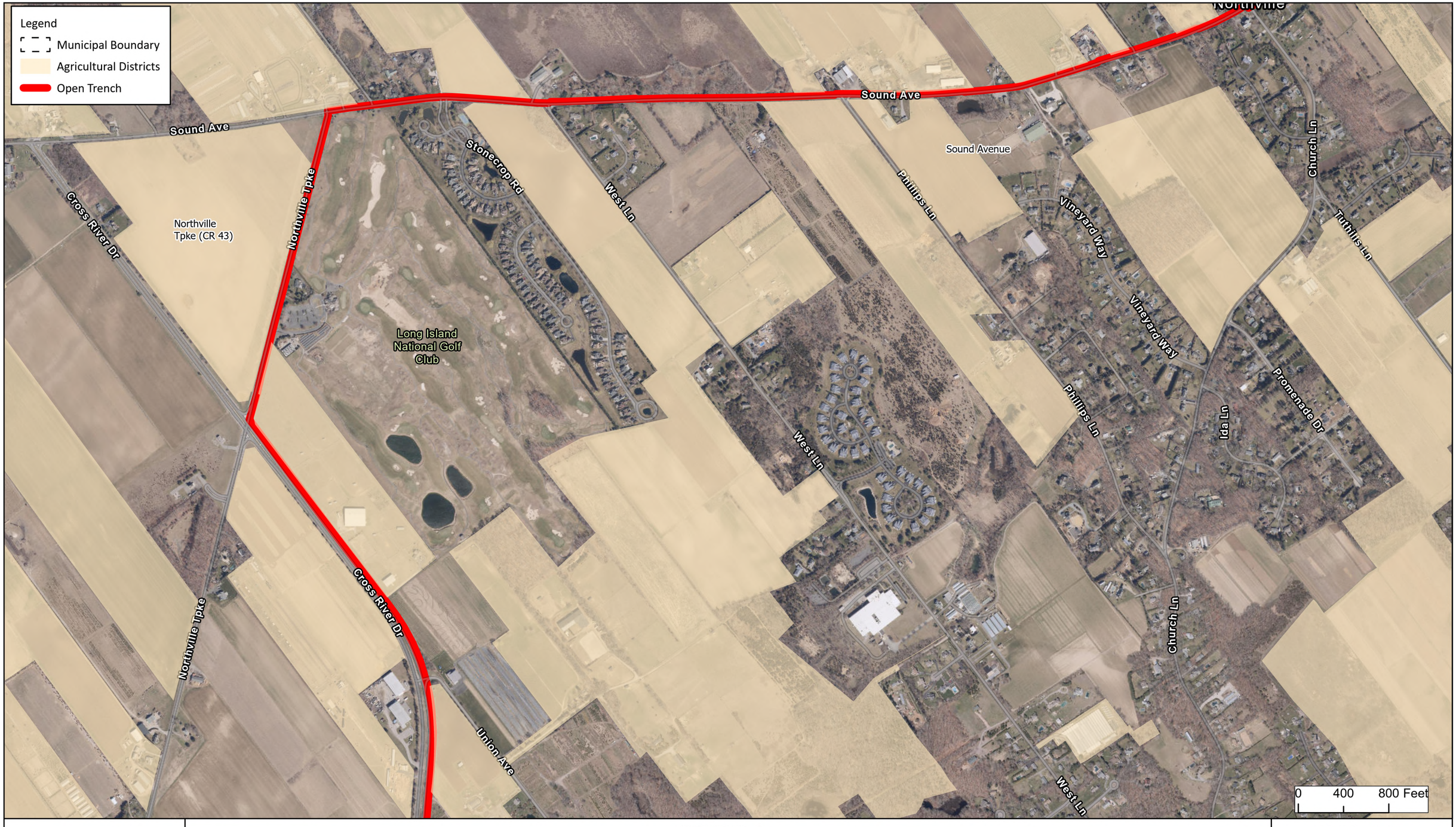
FIGURE 7 -2
AGRICULTURAL DISTRICTS MAP

Sources: NYS Ortho imagery, 2023;NYS Department of Agriculture and Markets, 2022
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel



NPV

FIGURE 7 -3
AGRICULTURAL DISTRICTS MAP

Sources: NYS Ortho imagery, 2023;NYS Department of Agriculture and Markets, 2022
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

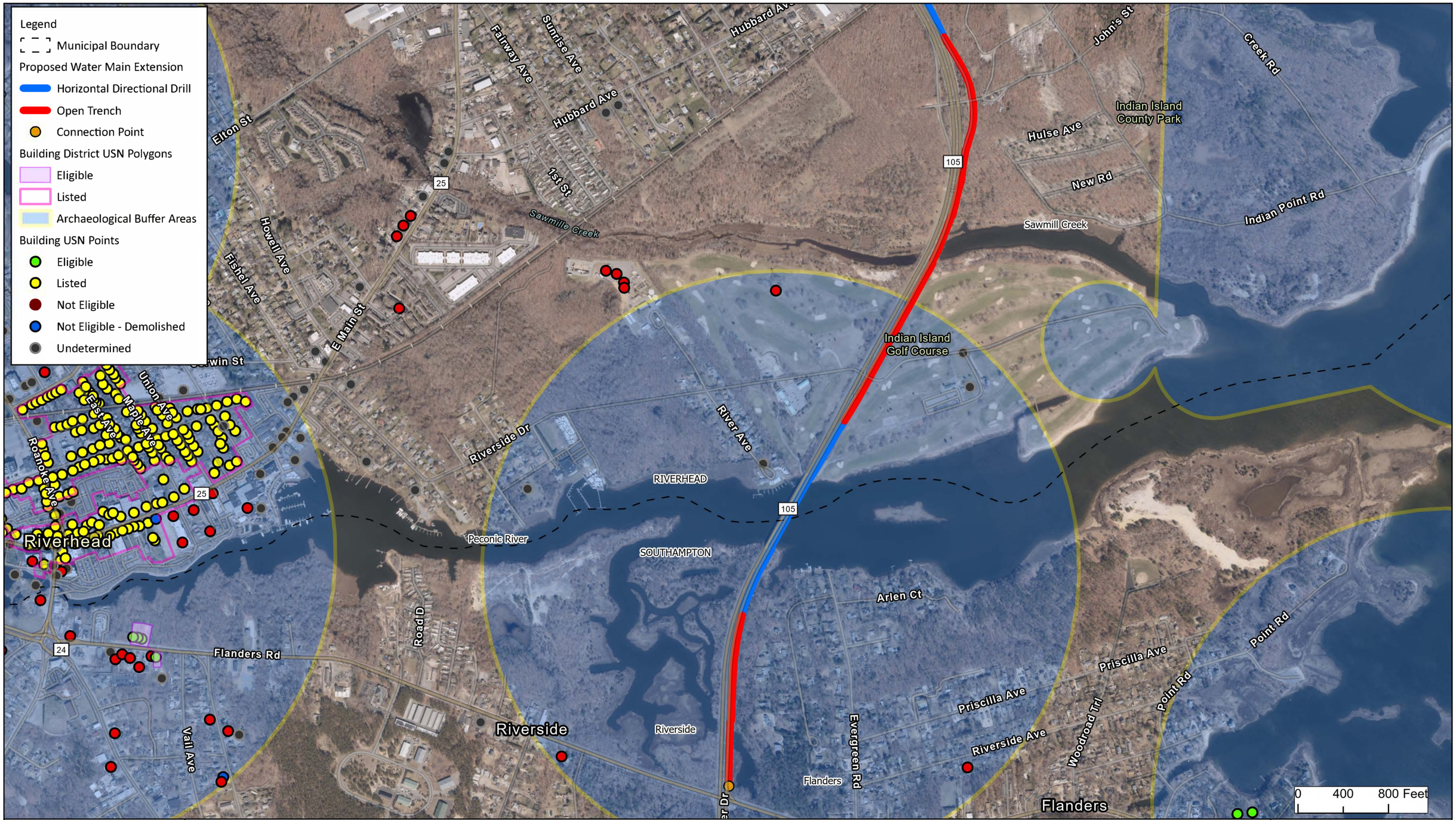
NPV

FIGURE 7 -4
AGRICULTURAL DISTRICTS MAP

Sources: NYS Ortho imagery, 2023;NYS Department of Agriculture and Markets, 2022
Scale: 1 inch equals 800 feet

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel



NPV

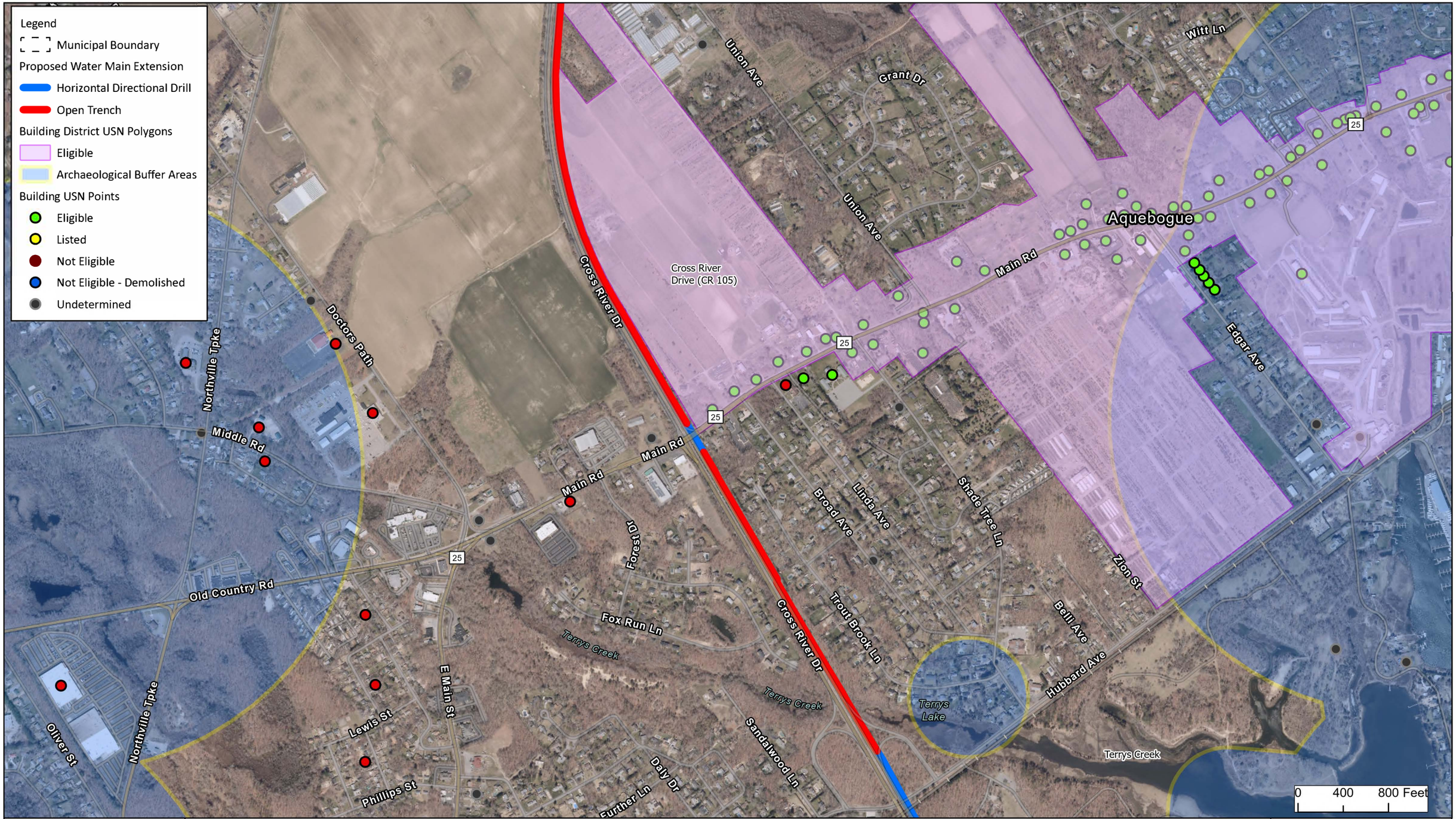
FIGURE 8 -1
ARCHAEOLOGICAL, HISTORICAL, AND CULTURAL RESOURCES MAP

Sources: NYS Ortho imagery, 2023 ;OPRHP CRIS Mapper accessed July 16, 2024
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel



NPV

FIGURE 8 -2

ARCHAEOLOGICAL, HISTORICAL, AND CULTURAL RESOURCES MAP

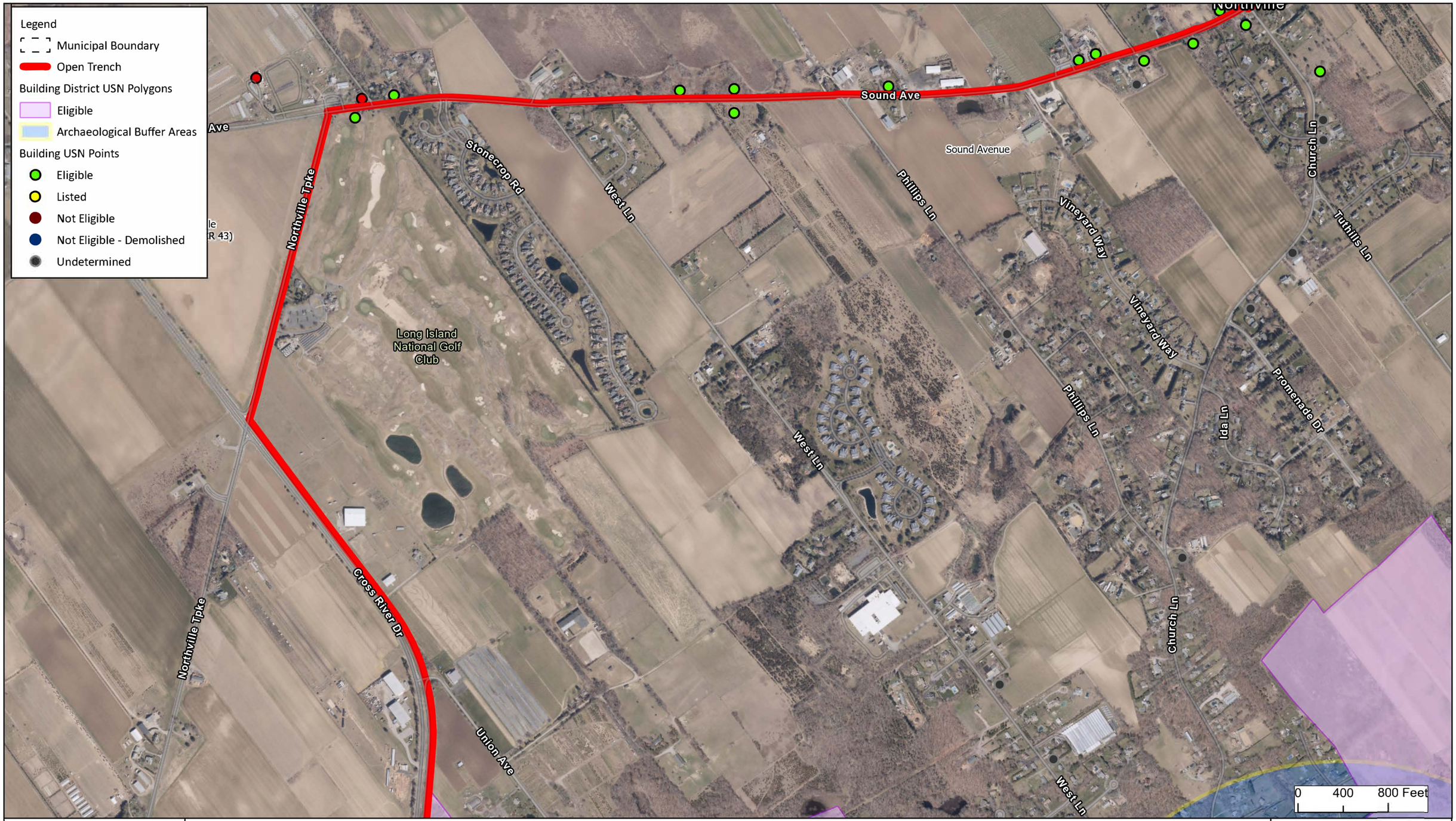
Sources: NYS Ortho imagery, 2023 ;OPRHP CRIS Mapper accessed July 16, 2024

Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel



NPV

FIGURE 8 -3

ARCHAEOLOGICAL, HISTORICAL, AND CULTURAL RESOURCES MAP

Sources: NYS Ortho imagery, 2023 ;OPRHP CRIS Mapper accessed July 16, 2024

Scale: 1 inch equals 800 feet

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

NPV

FIGURE 8 -4
ARCHAEOLOGICAL, HISTORICAL, AND CULTURAL RESOURCES MAP

Sources: NYS Ortho imagery, 2023 ;OPRHP CRIS Mapper accessed July 16, 2024
Scale: 1 inch equals 800 feet

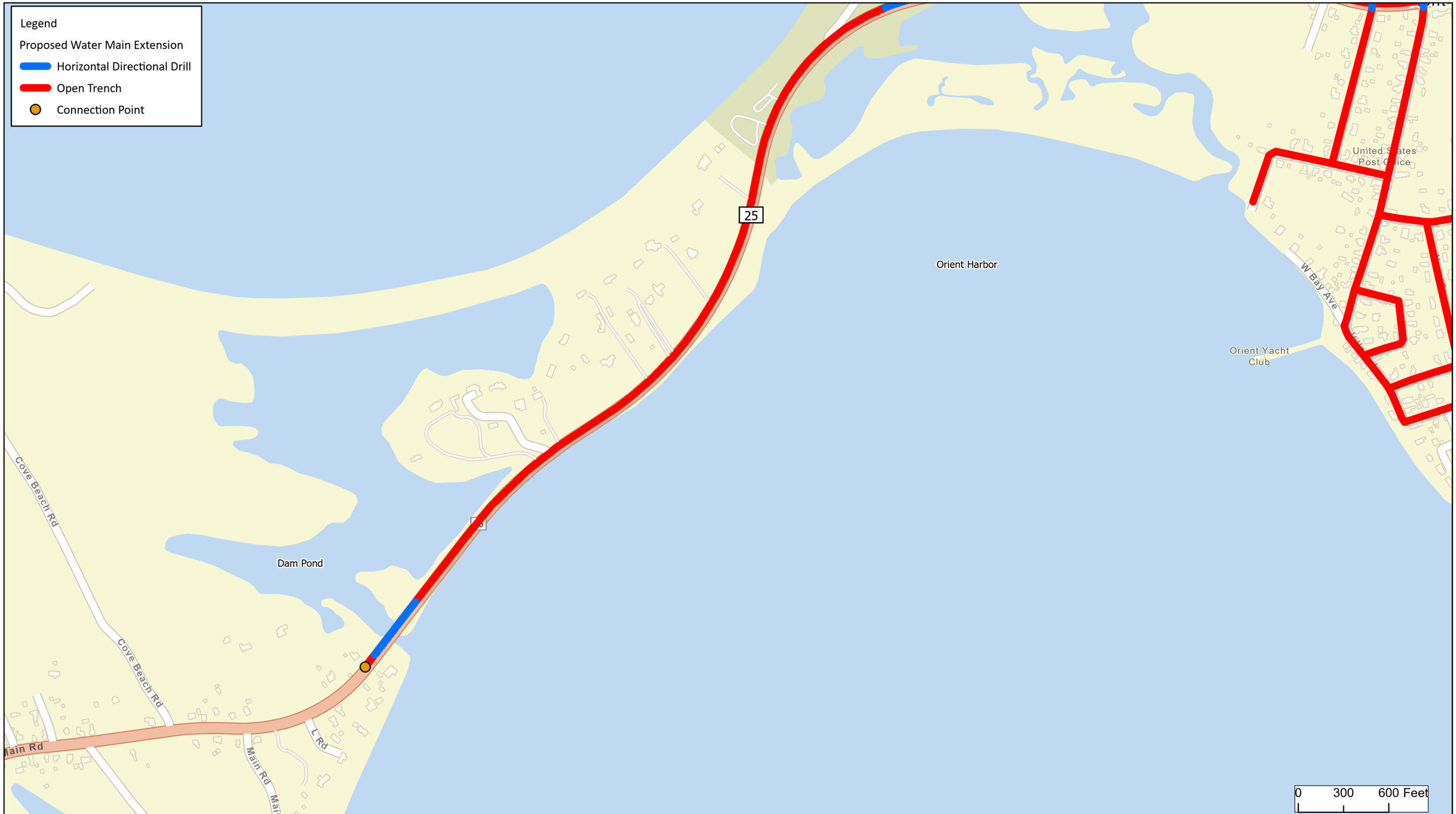
N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

SCWA NORTH FORK WATER MAIN EXTENSIONS

East Marion to Orient



NPV

FIGURE 1 -1
LOCATION MAP

Sources: ESRI WMS, 2023; SCWA, 2025
Scale: 1 inch equals 600 feet

N

SCWA North Fork Water Main Extensions

E. Marion to Orient

NPV

FIGURE 1 -2
LOCATION MAP

Sources: ESRI WMS, 2023; SCWA, 2025
Scale: 1 inch equals 600 feet

N

SCWA North Fork Water Main Extensions

E. Marion to Orient

NPV

FIGURE 2 -1
AERIAL MAP

Sources: NYS Ortho Imagery, 2023; SCWA, 2025
Scale: 1 inch equals 600 feet

N

SCWA North Fork Water Main Extensions

E. Marion to Orient

NPV

FIGURE 2 -2
AERIAL MAP

Sources: NYS Ortho Imagery, 2023; SCWA, 2025
Scale: 1 inch equals 600 feet

N

SCWA North Fork Water Main Extensions

E. Marion to Orient

NPV

FIGURE 3 -1
TOPOGRAPHY

Sources: NYS Ortho Imagery, 2023; USGS Long Island LiDAR Collection, 2014
Scale: 1 inch equals 600 feet

N

SCWA North Fork Water Main Extensions

E. Marion to Orient

Legend

Proposed Water Main Extension

Horizontal Directional Drill

Open Trench

CONTOUR

Intermediate Contour

5ft Index Contour

Munn Lake

Orient Inn

Latham Farmstand

East Marion Orient Park

Orient Fire Department

Central Cemetery

United States Post Office

Orient Harbor

Orient Yacht Club

Main Rd

Platt Rd

Orchard St

Old Farm Rd

Poquatuck Ln

King St

Rowe St

Major Pond Rd

Peters Hill Rd

Youngs Rd

Back Ln

Munn Ln

Birdseye Rd

W Bay Ave

0 300 600 Feet

N

NPV

FIGURE 3 -2
TOPOGRAPHY

Sources: NYS Ortho Imagery, 2023; USGS Long Island LiDAR Collection, 2014
Scale: 1 inch equals 600 feet

SCWA North Fork Water Main Extensions

E. Marion to Orient

NPV

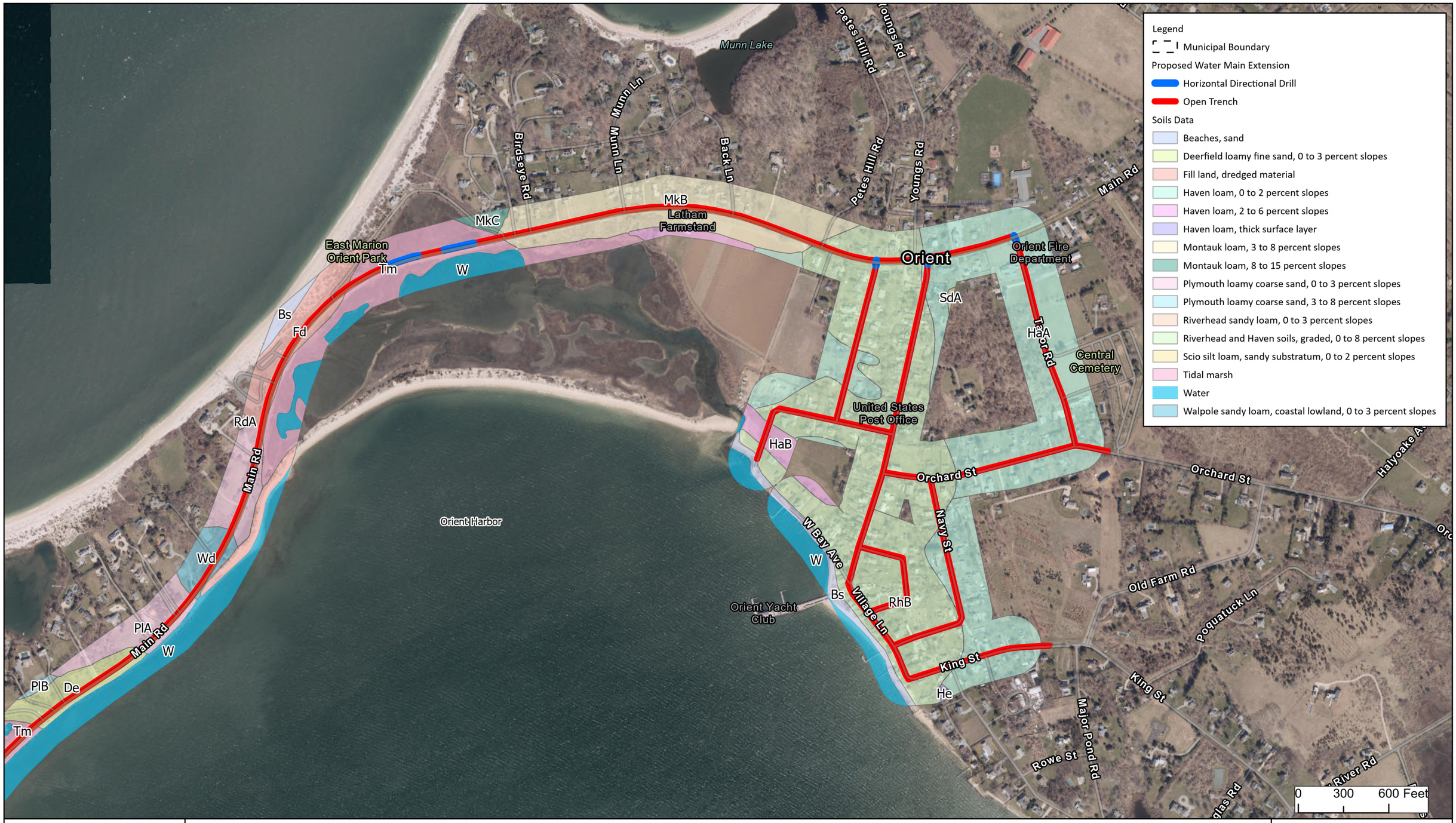
FIGURE 4 -1
SOIL MAP

Sources: NYS Ortho Imagery, 2023; USGS Web Soil Survey accessed May 6, 2025
Scale: 1 inch equals 600 feet

N

SCWA North Fork Water Main Extensions

E. Marion to Orient



NPV

FIGURE 4 -2
SOIL MAP

Sources: NYS Ortho Imagery, 2023; USGS Web Soil Survey accessed May 6, 2025
Scale: 1 inch equals 600 feet

N

SCWA North Fork Water Main Extensions

E. Marion to Orient

NPV

FIGURE 5 -1
NYS DEC FRESHWATER WETLANDS

Sources: NYS Ortho imagery, 2023; NYSDEC, 2016
Scale: 1 inch equals 600 feet

N

SCWA North Fork Water Main Extensions

E. Marion to Orient

NPV

FIGURE 5 -2
NYS DEC FRESHWATER WETLANDS

Sources: NYS Ortho imagery, 2023; NYSDEC, 2016
Scale: 1 inch equals 600 feet

N

SCWA North Fork Water Main Extensions

E. Marion to Orient

NPV

FIGURE 6 -1
COASTAL BARRIER RESOURCES SYSTEM MAP

Sources: NYS Ortho imagery, 2023; US F&W 2024
Scale: 1 inch equals 600 feet

N

SCWA North Fork Water Main Extensions

E. Marion to Orient

NPV

FIGURE 6 -2
COASTAL BARRIER RESOURCES SYSTEM MAP

Sources: NYS Ortho imagery, 2023; US F&W 2024
Scale: 1 inch equals 600 feet

N

SCWA North Fork Water Main Extensions

E. Marion to Orient

NPV

FIGURE 7 -1
AGRICULTURAL DISTRICTS MAP

Sources: NYS Ortho imagery, 2023;NYS Department of Agriculture and Markets, 2022
Scale: 1 inch equals 600 feet

N

SCWA North Fork Water Main Extensions

E. Marion to Orient

NPV

FIGURE 7 -2
AGRICULTURAL DISTRICTS MAP

Sources: NYS Ortho imagery, 2023;NYS Department of Agriculture and Markets, 2022
Scale: 1 inch equals 600 feet

SCWA North Fork Water Main Extensions

E. Marion to Orient

NPV

FIGURE 8 -1
ARCHAEOLOGICAL, HISTORICAL, AND CULTURAL RESOURCES MAP

Sources: NYS Ortho imagery, 2023; OPRHP CRIS Mapper accessed July 16, 2024
Scale: 1 inch equals 600 feet

N

SCWA North Fork Water Main Extensions

E. Marion to Orient

FIGURE 8 -2
ARCHAEOLOGICAL, HISTORICAL, AND CULTURAL RESOURCES MAP

NPV

Sources: NYS Ortho imagery, 2023; OPRHP CRIS Mapper accessed July 16, 2024
Scale: 1 inch equals 600 feet

N

SCWA North Fork Water Main Extensions

E. Marion to Orient

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

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

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

Tips for completing Part 2:

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

1. Impact on Land
Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1) ☐ NO ☑ YES
If "Yes", answer questions a - j. If "No", move on to Section 2.

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

2. Impact on Geological Features

The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g) ☑ NO ☐ YES

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

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

3. Impacts on Surface Water

The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h) ☐ NO ☑ YES

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

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

l. Other impacts: _____ _____		☐	☐

4. Impact on groundwater

The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) ☐ NO ☑ YES

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

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

5. Impact on Flooding

The proposed action may result in development on lands subject to flooding. (See Part 1. E.2) ☐ NO ☑ YES

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

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

g. Other impacts: Directional drill beneath the Peconic River & controlled trenching for main installation within FEMA 100-year, 500-year & special flood hazard areas		☐	☑

6. Impacts on Air

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

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

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

7. Impact on Plants and Animals

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

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

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

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	☑	☐
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	☐	☑
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	☑	☐
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____ _____	E1b	☑	☐
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	☐ N/A	☐ N/A
j. Other impacts: Work will take place in/adjacent to areas that are sensitive for the possible presence of rare plants, animals & marine & aquatic life & near sensitive habitats _____		☑	☐

8. Impact on Agricultural Resources

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

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

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

9. Impact on Aesthetic Resources

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

☑ NO ☐ YES

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

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

10. Impact on Historic and Archeological Resources

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

☐ NO ☑ YES

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

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.	E3e	☐	☑
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E3f	☐	☑
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: _____	E3g	☑	☐

d. Other impacts: _____ _____		☐	☐
e. If any of the above (a-d) are answered "Moderate to large impact may occur", continue with the following questions to help support conclusions in Part 3:			
i. The proposed action may result in the destruction or alteration of all or part of the site or property.	E3e, E3g, E3f	☑	☐
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b	☑	☐
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E3e, E3f, E3g, E3h, C2, C3	☑	☐

11. Impact on Open Space and Recreation

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

☑ NO ☐ YES

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

12. Impact on Critical Environmental Areas

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

☐ NO ☑ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	☑	☐
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	☑	☐
c. Other impacts: _____ _____		☐	☐

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

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

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

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

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

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

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

16. Impact on Human Health

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

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

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

17. Consistency with Community Plans

The proposed action is not consistent with adopted land use plans. (See Part 1. C.1, C.2. and C.3.) ☐ NO ☑ YES

If "Yes", answer questions a - h. If "No", go to Section 18.

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

18. Consistency with Community Character

The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) ☐ NO ☑ YES

If "Yes", answer questions a - g. If "No", proceed to Part 3.

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

PRINT FULL FORM

Agency Use Only [IfApplicable]

Project : SCWA North Fork Water Main Extensions

Date : Prepared: May 6, 2025

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

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

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

Reasons Supporting This Determination:

To complete this section:

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

1. Shallow depth to groundwater and work within the water table during directional drill along the banks of the Peconic River
2. Disturbance in or near coastal erosion hazard areas
3. Disturbance in or near freshwater or tidal wetlands
4. Potential for erosion, sedimentation or turbidity and potential excess soil management and disposal and prevention and control of the spread of the golden nematode
5. Additional demand on groundwater resources at the proposed SCWA water supply source
6. Disturbance in or adjacent to 100-year and 500-year flood plains and along the banks and deep beneath a floodway (Peconic River).
7. Possible limited disturbances in areas containing or adjacent to rare, threatened or endangered plants and animals, natural communities and habitats
8. Disturbance adjacent to or in critical environmental areas and possible disturbance to these areas
9. Installation of mains adjacent to State and National Register Listed and Eligible Landmarks and within State and National Register Listed Historic Districts
10. Installation of mains within State designated archaeologically sensitive areas
11. Possible temporary traffic delays or disruptions in work zones along the routes, particularly during peak season and/or commuting times.
12. Temporary and intermittent noise along the installation route during installation
13. Disturbance in an area identified as including a State Superfund Site (Orient)

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☐ Type 1 ☑ Unlisted

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

Upon review of the information recorded on this EAF, as noted, plus this additional support information

Main installation project plans, directional drill profile, booster station plan, environmental databases, EAF Mapper, NYSDEC Environmental Resources Mapper, OPRHP CRIS cultural resources database, SCWA 2021 distribution system engineering report, zoning, existing land use, field inspections, aerial photographs, agricultural district maps, floodplain maps, topographic maps, soil survey data, wetlands maps, coastal info and other available information

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the Suffolk County Water Authority Board as lead agency that:

☐ A. This project will result in no significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.

☐ B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency:

There will, therefore, be no significant adverse impacts from the project as conditioned, and, therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.7(d)).

☑ C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.

Name of Action: SCWA North Fork Water Main Extensions: Riverside/Flanders to Jamesport/Laurel & East Marion to Orient

Name of Lead Agency: Suffolk County Water Authority Board

Name of Responsible Officer in Lead Agency: Jeffrey Szabo

Title of Responsible Officer: Chief Executive Officer, Suffolk County Water Authority

Signature of Responsible Officer in Lead Agency: _____ Date: 5/9/25

Signature of Preparer (if different from Responsible Officer) _____ Date: 5/6/25

For Further Information:

Contact Person: Joseph M. Pokorny, P.E., Deputy CEO for Operations, Suffolk County Water Authority

Address: 460 Sunrise Highway, PO Box 38, Oakdale, New York 11769-0901

Telephone Number: (631) 631-563-0202

E-mail: joseph.pokorny@scwa.com

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

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

PRINT FULL FORM

DRAFT SCOPE
SUFFOLK COUNTY WATER AUTHORITY
WATER MAIN EXTENSIONS

Riverside/Flanders to Jamesport/Laurel
and
East Marion To Orient

May 6, 2025

1.0 Introduction

This document is the Draft Scope for the Draft Environmental Impact Statement (DEIS) for the proposed Suffolk County Water Authority (SCWA) Riverside/Flanders to Jamesport/Laurel and East Marion to Orient Water Main Extensions. The Draft Scope includes a brief project description, project location, and purpose and objectives of the Proposed Action and includes a DEIS outline identifying topics and issues of concern, potential relevant environmental impacts, level of detail and analyses needed, project alternatives to be considered, available resources, required analyses, and preliminary or possible mitigation measures. The Draft Scope has been prepared by environmental consultants, Nelson Pope Voorhis (NPV) on behalf of the Project Sponsor, SCWA, and has been guided by project- and site-specific environmental information contained in the Environmental Assessment Form (EAF) Parts 1, 2 and 3/ Determination of Significance and the Positive Declaration adopted by the SCWA/Suffolk County Legislature. The Draft Scope was prepared in accordance with the standards and requirements of 6 NYCRR Part 617 State Environmental Quality Review (SEQR) §617.8 "Scoping" and §617.9(b) "Environmental impact statement content."

SCWA seeks input from involved and interested agencies and the general public as to the scope and content of the Draft Scope of work for the DEIS to ensure a thorough but targeted analysis of environmental impacts and mitigations. Once the agency and public participation component of the scoping process has been completed, SCWA will finalize the Draft Scope and issue a Final Scope identifying the topics, issues, and analyses to be performed to guide DEIS preparation.

2.0 Brief Description of Proposed Action and Water Main Routes

Phase 1: *Riverside-Flanders to Jamesport-Laurel Water Main Extension*: Installation of approximately 43,052± linear feet (LF) (8.15± miles) of 24-inch diameter transmission water main within existing street and highway rights-of-way (ROWs) beginning at the intersection of Flanders Road (SR 24) and Cross River Drive (CR 105) between the Hamlets of Riverside and Flanders in the Town of Southampton, north along Cross River Drive (CR 105), under the Peconic River/

Peconic Estuary using directional drilling, and proceeding north along Cross River Drive in the Town of Riverhead a total of 3.77± miles until its intersection with Northville Turnpike (CR 43).

From there, the proposed water main will extend 0.53± miles to the northeast along Northville Turnpike to the intersection of Northville Turnpike and Sound Avenue, then east (2.42± miles) along Sound Avenue within Riverhead to Pier Avenue and a proposed booster station located 200+ feet north of the intersection of Sound Avenue and Pier Avenue on a vacant 1.5-acre partially cleared and disturbed SCWA property (SCTM: 600-8-3-1.9).

Continuing south from the proposed Pier Avenue booster station then east along Sound Avenue a distance of 1.39± miles to a point south of the Sound Avenue - Jamesport Wellfield and Pump Station at the Town of Riverhead and Town of Southold municipal boundary (Jamesport-Laurel) and SCWA Distribution Area 30 and a 16-inch SCWA service main. See attached figures.

The proposed Riverside/Flanders to Jamesport/Laurel main will convey water at a rate of up to 6,000 gallons per minute (gpm). A total of 3,322± LF (0.63± miles) of the main will be installed using directional drilling, including 1,950± LF beneath the Peconic River, 1,221± LF beneath the Long Island Railroad and Hubbard Avenue, and 171± LF beneath Main Road. Approximately 39,730± LF (7.52 miles) will be installed and backfilled by trenching.

Phase 2: *East Marion to Orient Water Main Extension*: Phase 2 involves long-range planning for a possible future 20,000± linear-foot (3.79-mile) water main extension consisting of a combination of 6, 8 and 12-inch diameter mains between East Marion and Orient in the Town of Southold to serve approximately --- existing residential and non-residential premises in the Hamlet of Orient, south of Sound Avenue along the east shore of Orient Harbor (see attached maps). This improvement would extend east along Main Road (SR 25) from East Marion, just west of Dam Pond a distance of 1.90± miles) to the intersection of Tabor Road, south along Tabor Road and down several streets in this neighborhood, including parts of Orchard Street, Navy Street, King Street, Vincent Street, Willow Street, Fletcher Street, Skippers Lane, Harbor River Road, and Oyster Ponds Lane.

An estimated 1,115± linear feet of the East Marion to Orient main will be installed via directional drill and the remainder will be installed using trenching. The 1,115± feet of directional drills includes one 445-foot section along Sound Avenue in East Marion, two 200-foot sections along Main Road where culverts are located along Main Road, 95± linear feet from that the intersection of Main Road and Oyster Ponds Lane, 85± feet at the intersection of Main Road and Village Lane, and 90± linear feet at the intersection Main Road and Tabor Road. Peak flow is estimated to be 250 gpm. Service lines will be installed to each home along this service route.

Main Installation

The proposed water main installations will be located primarily within the street rights-of-way along the identified route consisting primarily of County roads with directional drill crossings beneath the Peconic River, Hubbard Avenue, LIRR and Main Road for the Riverside/Flanders to Jamesport/Laurel route as explained above. (Sections of main to be directionally drilled are shown in blue and sections to be trenched are shown in red on the attached figures.) The typical width of disturbance for main installations within trenches in paved areas will be approximately three feet (3 ft.) and up to 57 inches in depth below ground, unless otherwise affected by other underground utilities, and up to 10 feet of disturbance in shoulder areas, including equipment and materials staging areas. The daily main installation rate for trenched sections is estimated to be 300 to 400 feet/day and up to 600 feet/day or more on long stretches within grassed shoulder areas such as along sections of Cross River Drive (CR 105). The depths of directional drillings are much deeper, reaching a depth of 30+ feet below the Peconic River. The proposed directional drill under the Peconic will consist of a 1,633± foot (horizontal distance) 24-inch diameter high-density polyethlene pipe (H.D.P.E.) which will be encased in bentonite clay.

Booster Station

A booster station will be constructed to serve the proposed Riverside/Flanders to Jamesport/Laurel main extension. The booster station will be 405± SF in area and is proposed on a vacant 1.5-acre property owned by SCWA. The booster station property is located approximately 200 feet north of the intersection of Sound Avenue and Pier Road on the west side of Pier Road and is identified as SCTM: 600-8-3-1.9. See attached figures. The property was partially cleared in the past but has become overgrown again, mostly with invasive species and therefore will require an estimated 15,688.9 SF (0.36 acres) of clearing including 12,490.5 SF (0.287 acres) of formerly cleared successional and invasive brush and 3,198.3 SF (0.073 acres) of woodlands. The booster station will be set back from the street, a distance of 97± feet and will be 40+ feet from the closest adjacent property line. A 16-inch main will be installed onsite from Pier Avenue to the booster station and a 16-inch main will be installed onsite from the booster station to Pier Avenue. A short asphalt driveway and a small asphalt vehicle parking area for a few cars or trucks will also be constructed to provide access to the station for periodic inspections and maintenance. The access driveway will be located at the same location as the existing driveway entrance and gate near the northeast corner of the property.

3.0 Purpose and Objectives

The purpose and objectives of the Proposed Actions are to:

1. Provide a long-term solution to the limited supply of potable drinking water on the North Fork by supplementing the existing SCWA system with water sources that will have minimal impacts on the salt water interface and replenish and rehabilitate the local aquifer system with the water conveyed to the area.

2. Deliver high quality drinking water from a pristine deep recharge area that is less vulnerable to PFAS, other emerging compounds and man-made contaminants.
3. Create a substantial interconnection between the Southold system and the SCWA distribution system to the west thereby increasing overall system reliability.
4. Provide a sufficient quantity of high-quality potable water to all current and future SCWA customers within the Town of Southold with minimal impacts on the aquifer system.
5. Ensure a suitable volume of groundwater for firefighting, agricultural irrigation, homes and other land uses.
6. Offset future capital costs of purchasing land and developing multiple smaller well fields that will in all likelihood require elaborate treatment systems in order to remove contaminants.
7. Reduce the cost associated with maintaining numerous low-capacity wells, or in some cases take well fields with costly water treatment systems off-line, that currently comprise the Southold Low water supply system.

The DEIS environmental analysis will begin, by first reviewing the completed EAF Parts 1, 2 and 3 (Determination of Significance/Positive Declaration) and the approved Final Scope for this assessment after public scoping has concluded. The NPV team will examine plans provided by SCWA and other available information in detail and conduct a field visit to gain greater familiarity with the routing and its surroundings for the purposes of understanding existing environmental conditions and the potential impacts that could result from the installation of public water mains. The Team will prepare essential maps depicting soils, topography, wetlands, rare ecological resources, cultural resources, coastal resources, established agricultural districts if affected, and other essential information as needed and will submit information requests to the NYS Natural Heritage Program (NHP), the New York State Office of Parks, Recreation and Historic Preservation (OPRHP), and various records requests from other involved agencies. These resources will be used to evaluate the proposed routing and identify any significant potential impacts of concern. NPV will coordinate with the SCWA attorney, SCWA staff, and other involved agencies with permitting or approval authority to discuss the details of the proposed project, discuss any concerns and assist in identification of necessary analysis and mitigation options, as necessary.

The environmental review will identify the project's SEQRA classification, sensitive environmental resources within, immediately adjacent or near each project's path that could be impacted, consider the required work to be performed to complete the projects and operate the mains, determine the potential impacts on natural and man-made resources, and identify any feasible methods and techniques to prevent or suitably mitigate potential environmental impacts to the maximum extent practicable. The proposed assessment and environmental review process will fully comply with the requirements of SEQRA and its implementing regulations at 6 NYCRR Part 617, as well as the State Revolving Fund's (SRF) State environmental review process ("SERP") requirements. Review will also include the identification of all Involved agencies

including those responsible for funding, undertaking, approving, permitting or otherwise have review authority under SEQRA. NPV will assist SCWA with any required noticing and filing requirements, as appropriate, and will meet in person, videoconference or audioconference with SCWA representatives as necessary throughout the process.

4.0 Potential Impacts and Issues for Review

Potential impacts and topics of review include impacts on land and soil, groundwater, drinking water supply, wetlands, surface water bodies and underwater land, traffic, historic and archaeological resources, plants and animals, agricultural land, sensitive land uses. The following is a list of the potential adverse impact topics to be addressed in the DEIS based on the Positive Declaration and the adopted Planning Department/Planning Board report.

Impact on Land:

- Work in paved portions of roadway versus unpaved shoulder areas (if any), management and disposition of any excess excavated soil and removed pavement and any vegetation.
- Temporary storage of equipment and materials
- Impact of clearing of land in shoulder areas (if any)
- Identification of any proposed easement areas to accommodate the water mains
- Impacts on or from topography
- Impact on or from soils
- Handling and management of excavated soil from trenching or removal from directional drills
- Impact on land uses and agricultural lands
- Duration of project
- Any inducement of growth and development and associated impacts

Impacts on Surface Water, Wetlands, and Groundwater

- Waterbody, wetland crossings, directional drilling in underwater lands of the Peconic River and impacts relating to directional drilling
- Work within NYSDEC freshwater or tidal wetlands upland jurisdictional areas
- Surface water quality impacts such as from soil erosion and sedimentation or increased runoff, temporary changes in runoff directions, and/or waterbody turbidity
- Depth of water main installations versus depth of groundwater table and whether there is any need for dewatering, and if so, the disposition of water if dewatering is required.
- Impact on groundwater source/supply (volume)
- Delivery of clean fresh groundwater from an area of abundant supply including areas that may be subject to saltwater intrusion, particularly in Orient

- Impact on land from any permanent structures such as pump stations the existing groundwater wells of SCWA and whether any new wells will be required
- Consistency with Local Waterfront Revitalization Plan (Town of Southold)
- Impacts on Significant Coastal Fish and Wildlife Habitat

Impact on Ecological Resources

- Impact on rare, threatened, endangered, or common vegetation and wildlife species, or pine barrens, critical environmental areas, or wildlife habitat from any clearing.

Impact on Transportation

- Temporary disruption or impact on traffic activity and flow along affected roadways including temporary delays, potential traffic/ pedestrian/ bicyclist/ worker safety issues while construction is underway
- Need for traffic calming, traffic signage, cones, detours (if and where necessary or beneficial), flag persons; street intersection crossings, crossing beneath the LIRR, heavier seasonal traffic activity, work days and hours, anticipated progress in feet/day and equipment staging, potential damage or conflicts with other utilities along route (water mains, underground and overhead utilities) or drainage.

Impact on Historic and Archaeological Resources

- The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places.
- The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory

Impact from Noise, Odor or Light

- Potential temporary and intermittent noise from trench excavations and backfilling, installation of mains, delivery and staging of pipe/materials and equipment, directional drilling.

Impact on Human Health

- The proposed action is located within 1,500 feet of a school, hospital, licensed day care center, group home, nursing home and/or retirement community.

Consistency with Community Plans

- The proposed action is located in an area characterized by low and moderate density development that will require new or expanded public infrastructure.
- The Towns of Riverhead and Southold have raised concerns that the proposed action (installation of a public water main) may induce secondary development or will be growth inducing (e.g., supporting residential or commercial development not included in the proposed action).

5.0 Draft Environmental Impact Statement Organization and Content

The DEIS will include a project description, location, benefits and objectives, list of required approvals, inventory of existing environmental conditions, assessment of potential impacts, plans to prevent, avoid or suitably mitigate identified potential impacts, identification of possible alternatives, and based upon the information and analyses provided, assist in the SCWA's final determination of impact and the appropriateness of moving forward with the project. The Final Scope will also identify those topics or issues that were determined to be irrelevant and any potential impacts that were found to be insignificant. The DEIS will include text, tables, figures, maps and supporting information to constitute a thorough analysis with supporting documentation. The scope of the proposed DEIS is as follows:

Cover Page
Inside Cover Page
Table of Contents

EXECUTIVE SUMMARY

1.0 DESCRIPTION OF THE PROPOSED ACTION

1.1 Project Background, Need, Objectives and Benefits

1.1.1 Project Background *(Describe water main extensions, background and history.)*

1.1.2 Public Need and Project Sponsor Objectives *(Justify proposed project in terms of sponsor goals and objectives and public need.)*

1.1.3 Benefits of the Project *(Provide discussion of the benefits to accrue from the proposed project.)*

1.2 Location *(Describe location of proposed route, in terms streets and highways, adjacent/nearby significant properties and features, and special districts, services, and utilities, and affected communities or neighborhoods.)*

1.3 Project Details and Routing *(Describe overall route of installation, existing conditions along the route; proposed main sizes, depth of main installations, approximate length of pipe per day to be installed; roadway right-of-way conditions; any significant existing structures, major crossings (major cross streets, LIRR, Peconic River, including identification of sections of main to be trenched and sections to be installed using directional drilling); any proposed pump stations or other essential infrastructure; utilities along the route; disturbance area quantities table.)*

1.4 Construction Schedule and Operations *(Brief description of construction schedule, duration and processes; excess soil and removed pavement management and disposal, and conformance with NYSDEC stormwater and erosion control requirements per the General Permit for Construction Stormwater Discharges.)*

1.5 Permits and Approvals Required *(Brief discussion of the required funding, permits, reviews and approvals and the agencies responsible.)*

2.0 NATURAL ENVIRONMENTAL RESOURCES

2.1 Topography and Soils

2.1.1 Existing Conditions *(Document key route elevations and grades; identify soils along the routing and any significant constraints per Suffolk County Soil Survey; describe subsoils based on available information and determine the percentage of each soil type along the lengths of the installations, identify any significant topographic constraints; identify any agricultural districts.)*

2.1.2 Anticipated Impacts *(Discuss anticipated soil disturbances during construction and disposition of any excess soil from excavations); determine if there is a need to import or export of material and how any excess soil and removed pavement will be managed); describe any significant slope disturbances and dust, erosion and sedimentation, turbidity control measures incorporated into the project; discuss potential surface and subsoil constraints, if any; discuss typical installation process; identify any impacts on agricultural districts.)*

2.1.3 Proposed Mitigation

2.2 Water Resources

2.2.1 Existing Conditions *(Using appropriate narrative, mapping, tables and quantitative methods where possible, identify all surface waters and wetlands along the route or nearby within applicable agency jurisdictional areas that are nearby (including Peconic River and Estuary, Sawmill Creek, Terrys Creek, LI Sound, Orient Harbor, Dam Pond; Town, USF&WS, and NYSDEC jurisdictional fresh and tidal wetlands; and underwater lands, etc.) and groundwater and public water supply conditions including groundwater elevations, depth and direction of flow at key locations, area water supply systems, pump stations, and location within any special water resource protection areas such as the Central Pine Barrens, SCDHS' Water Supply Sensitive Areas, Central Suffolk Special Groundwater Protection Area (SGPA), indicate presence within any Local Waterfront Revitalization Program (LWRP) Areas any local overlay districts, public water supply quality based on available water quality monitoring data).*

2.2.2 Anticipated Impacts *(Using mapping, quantitative and qualitative methods, discuss potential for impact on surface waters, wetlands, underwater lands (e.g., Peconic riverbed) and groundwater resources; siltation; discuss any changes in stormwater management, potential impacts and best management practices; discuss impacts on LI Sound, Orient Harbor, and the Peconic River/Estuary if any; identify any impacts or inconsistencies with*

applicable LWRPs, temporary surface water use impacts; establish conformance with special water resource protection areas such as the Central Pine Barrens and Central Suffolk Special Groundwater Protection Area standards; identify/ address potential groundwater impacts, identify any impacts on the Peconic Estuary or Long Island Sound.)

2.2.3 Proposed Mitigation

2.3 Ecology

2.3.1 Existing Conditions *(Using appropriate mapping and/or tables, describe/ list the vegetation and wildlife species found within and proximate to the disturbance area; describe the habitat of the disturbance area; check for any special area designations within the disturbance area or adjacent areas using Environmental Resource Mapper and a Central Pine Barrens Compatible Growth Area boundaries; contact NY Natural Heritage Program regarding sensitive habitats and rare, vulnerable, special concern, threatened, endangered plants and wildlife, and any potential Significant Coastal Fish and Wildlife Habitats.)*

2.3.2 Anticipated Impacts *(Discuss any required clearing and disturbance of natural land if any; quantify habitat changes; assess impacts on Central Pine Barrens Compatible Growth Area and consistency with CLUP standards if applicable; identify potential vegetation/wildlife impacts, any potential impacts on rare species; quality of proposed habitats and wildlife use of the disturbance area; describe any buffers and landscaping that would be disturbed and replaced.)*

2.3.3 Proposed Mitigation

3.0 Human Environmental Resources

3.1 Land Use, Zoning and Plans

3.1.1 Existing Conditions *(Using appropriate narrative, mapping and/or tables, describe current land use and zoning of disturbance area, and the pattern of land use and zoning in the vicinity; identify any sensitive land uses such as schools, day care, nursing homes, etc. that may be impacted, and discuss any relevant long-range land use, infrastructure, utility or capital improvement plans.)*

3.1.2 Anticipated Impacts *(Identify/assess potential impacts to land use, and appropriate land use plans; discuss temporary impacts on sensitive land uses including noise and benefits to land uses.)*

3.1.3 Proposed Mitigation

3.2 Cultural Resources

3.2.1 Existing Conditions *(Using appropriate narrative, mapping, and photographs, identify areas of historic or archaeological resources within or adjacent to the disturbance area including State and Federal Register Listed and Eligible landmarks, historic districts, documented archaeological sites, and archaeologically sensitive areas. Coordinate with and summarize information*

available from or provided by NYS OPRHP's Cultural Resources Information System (CRIS).

3.2.2 Anticipated Impacts *(Describe anticipated project impacts on cultural resources and districts based on CRIS database and consultation with OPRHP.)*

3.2.3 Proposed Mitigation

3.3 Traffic

3.3.1 Existing Conditions *(Describe the existing roadway characteristics within the area of disturbances.)*

3.3.2 Anticipated Impacts *(Determine potential temporary impact on roadway conditions and operations based on anticipated construction methods, scheduling, best management practices, and traffic controls.)*

3.3.3 Proposed Mitigation

4.0 OTHER REQUIRED SECTIONS

4.1 Construction Impacts *(Provide a brief description and analysis of potential impacts to the community associated with the water main installation process/ along street ROWs including temporary construction vehicle parking, equipment and pipe staging, traffic control, motorist, pedestrian and worker safety; erosion and sedimentation controls; temporary stockpiling, import/ export of soil, construction hours, days, and total duration; approximate feet of main to be installed per day and total duration; plans to remove and dispose of excess soil and pavement and prevent the spread of the golden nematode.)*

4.2 Cumulative Impacts *(Describe other pending projects in vicinity, determine potential for impacts due to implementation of proposed project in combination with others and discuss/analyze impacts.)*

4.3 Growth-Inducing Aspects *(Provide brief discussion of those aspects of the proposed project which may trigger or contribute to future growth in the area and related impacts.)*

4.4 Unavoidable Environmental Impacts *(Provide brief listing of those adverse environmental impacts described/discussed previously which are anticipated to occur, which cannot be fully mitigated.)*

4.5 Irreversible and Irretrievable Commitment of Resources *(Provide brief discussion of those natural and human resources which will be committed to and/or consumed by the proposed project.)*

4.6 Effects on the Use and Conservation of Energy Resources *(Identify any necessary system equipment such as pump stations, how they will be powered, and identify energy resources to be used; provide a brief discussion on those aspects of the proposed project which would contribute to an increase in energy as well as potential options for conservation.)*

5.0 ALTERNATIVES

5.1 Alternative 1: No Action *(Alternative whereby the project is not undertaken.)*

5.2 Alternative 2 *(Alternative whereby the Riverside/Flanders to Jamesport/Laurel route (north route) is replaced by a Riverside/Flanders to Laurel (south route) beginning at Flanders Road (SR 24)/Cross Island Drive (CR 105) intersection, north on Cross Island Drive, east along Hubbard Avenue, south along Meeting House Creek Road, east along*

Peconic Bay Boulevard, north along Laurel Lane to Main Road (SR 25), then east a short distance to connect to an existing SCWA main.

6.0 REFERENCES

FIGURES
APPENDICES
PLANS

6.0 Funding, Permits, Approvals and Involved and Interested Agencies

Involved Agencies

Federal

1. US Army Corps of Engineers (USACE) wetlands permit to install main under navigable waters (Peconic River/Estuary) at the Cross River Drive (CR 105) crossing.

State

2. NYSDEC (Tidal and Freshwater Wetlands Permits). SCWA has been issued a general permit for some actions within State wetlands jurisdiction but there are some exceptions and wetlands permits may be required along the one or both installation routes.
3. NYSDEC (SPDES General Permit for Stormwater Discharges from Construction Activity Permit and Stormwater Pollution Prevention Plan (SWPPP)).
4. NYSDOT (crossing at intersection of Cross River Drive (CR 105) and Main Road (SR 25) in Riverhead and installation of main along Main Road (SR 25) in Orient).
5. NYSDOS (State Coastal Consistency Review and Coastal Hazard Area in E. Marion to Orient).

County[1]

6. Suffolk County Department of Public Works (SCDPW) (Road Opening Permit within County ROWs, Cross River Drive (CR 105), Northville Turnpike (CR 43), Sound Avenue and adjacency of main installation to Indian Island County Park along Cross River Drive).

Town[1]

7. Town of Southold (Local Waterfront Revitalization Program (LWRP) Consistency Review)

Other

8. Suffolk County Water Authority (SCWA) - Funding, Undertaking the Project, and requested/ expected Lead Agency for the environmental review).

[1] Under the balancing of public interests approach adopted by the New York Court of Appeals in Matter of the County of Monroe v. City of Rochester (72 N.Y.2d 338 (1988)) if proposed SCWA activities are consistent with SCWA's legislative purpose and are in furtherance of SCWA's essential governmental function of operating a public water supply system, the activities are immune from local land use review. SCWA will include a Monroe analysis of the Project in the Draft Environmental Impact Statement demonstrating SCWA's immunity from local land use review.

9. Metropolitan Transit Authority (MTA) (ministerial permit to directional drill and installation of main under the Long Island Rail Road).

Interested Agencies

Town[1]

1. Town of Riverhead (Notification of directional drill and installation of water main beneath Hubbard Avenue, in underwater lands of the Peconic River/Estuary parallel with Cross River Drive and work within 150' of Town wetlands, road openings, construction of booster station on property owned by SCWA off Pier Avenue (SCTM: 600-8-3-1.9)).
2. Town of Southold (Notification of work within 150' of Town wetlands, road openings).
3. Town of Southampton (Notification of directional drill and installation of water main in underwater lands of the Peconic River/Estuary parallel with Cross River Drive and work within 150' of Town wetlands).

County[1]

4. Suffolk County Parks Department *(adjacency of main installation to Indian Island County Park along Cross River Drive).*
   Suffolk County Parks
   P.O. Box 144
   West Sayville, NY 11796

State

5. New York State Office of Parks, Recreation and Historic Preservation (OPRHP) Cultural Resource Information Systems (CRIS) referral (project adjacency to historic district and Federal and State Listed or Eligible historic or cultural resources).
6. New York state Department of Environmental Conservation (NYSDEC Division of Marine Resources, Marine Habitat Protection Section (adjacency to Orient Harbor Significant Coastal Fish & Wildlife Habitat, Orient).

Regional

7. Peconic Estuary Program (Peconic River, Sawmill Creek, Terrys Creek main crossings)
8. Long Island Sound Study (main installation in proximity to LI Sound).
9. Riverhead Water District

Local Non-Agency Parties of Interest (Complimentary copies)

10. Group for the East End
11. Orient Association
12. East Marion Community Association
13. Southold Peconic Civic Association
14. Nature Conservancy of Long Island
15. North Fork Environmental Council

7.0 Extent and Quality of Information Existing and Needed

As required under SEQRA, the DEIS should include *"a statement and evaluation of potential significant adverse impacts at a level of detail that reflects the severity of the impacts and the reasonable likelihood of their occurrence".* Included in this evaluation will be reasonably related short-term and long-term impacts, cumulative impacts, growth inducing impacts and other required sections identified in **Section 4.0** of this scoping document. This section further describes the level of analysis and the type of analysis expected with respect to the key environmental impacts of the project as outlined in the lead agency's Positive Declaration. Each major section is followed by a description of the extent and quality of information needed to perform the evaluation of each of the impacted resources.

Information sources for the DEIS include, but are not limited to the following: SCWA plans, Engineering Report, test hole logs, and other SCWA studies and resources as applicable and available; Soil Survey of Suffolk County, NY; Natural Resources Conservation Service website and database; LIDAR and USGS topographic maps; NYSDEC freshwater and tidal wetland maps; Suffolk County Groundwater Management Zone Map; Suffolk County Groundwater Contour Map; Agricultural Districts Map; Significant Coastal Fish & Wildlife Areas maps and reports; Central Pine Barrens Comprehensive Land Use Plan, Town of Southold LWRP; Critical Environmental Areas maps; Suffolk County Water Authority Distribution Systems Maps and Annual Drinking Water Quality Reports and flow data; Correspondence from involved and interested agencies and the public; SEQRA Environmental Assessment Forms Parts 1, 2 and 3/Determination of Significance and the County's adopted SEQRA Positive Declaration for this project; NYSDEC's Environmental Mapper database, Spills and Site Remediation database; adopted Town comprehensive and other applicable plans; NYS Office of Parks Recreation and Historic Preservation's Cultural Resources Information System (CRIS); NYSDEC Natural Heritage Program survey information; NYSDEC Ecological Communities publication (Edinger *et al.*, 2013); Breeding Bird Survey; input from consultations with service providers and input from the community; information gathered during site and area inspections; and other sources as needed and available.

8.0 Initial Identification of Mitigations

Preliminary mitigations include the use of standard erosion and sedimentation controls, proper scheduling, and traffic flow and safety controls such as the use of flagmen, traffic signage, properly staging work areas, etc. A detailed impact analysis and appropriate impact prevention and mitigation strategies will be further developed and detailed during the DEIS preparation and review stages and will be further expanded or enhanced as needed during the FEIS preparation and Findings stages of the SEQRA review.

9.0 Identification of Information and Data to be Included in the Appendices

Information and data to be included in the appendices include the final Long EAF Parts 1, 2, 3 and Determination of Significance; approved Final Scope; original correspondences such as from other agencies or community service providers that will be addressed in the DEIS; highly technical or lengthy reports, studies or analyses; raw data (e.g., water quality data) or lengthy in-depth calculations; water main construction plans; and similar documents that must be presented in their entirety, will be summarized in the text of the EIS and, if that technical material must be included in the document, it will be included as an appendix.

10.0 Issues or Topics Not Included (to be included in the Final Scope as warranted)

◆ ◆ ◆ ◆ ◆

This document is intended to fulfill the lead agency requirements for issuance of a Draft Scope for a DEIS in accordance with 6 NYCRR Part 617.8. The document assists the lead agency in evaluating the DEIS for content and adequacy for public review and assists the applicant in understanding the extent and quality of information needed to evaluate the Proposed Action and allow the lead agency and involved agencies to obtain the information necessary to reach an informed decision on the Action.

FIGURES

SCWA NORTH FORK WATER MAIN EXTENSIONS

Riverside/Flanders to Jamesport/Laurel

NPV

FIGURE 1 -1
LOCATION MAP

Sources: ESRI WMS, 2023; SCWA, 2025
Scale: 1 inch equals 800 feet

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

Legend
Municipal Boundary
Proposed Water Main Extension
Horizontal Directional Drill
Open Trench

Cross River Drive (CR 105)

Aquebogue

Terrys Creek

Terrys Lake

Rabbit Run
Northville Tpke
Doctors Path
Middle Rd
Old Country Rd
Park Ave
Lewis St
Phillips St
Oliver St
Kings Dr
E Main St
Main Rd
Cross River Dr
Union Ave
Grant Dr
Witt Ln
Forest Dr
Fox Run Ln
Further Ln
Daly Dr
Sandalwood Ln
Broad Ave
Linda Ave
Shade Tree Ln
Trout Brook Ln
Cove St
Belli Ave
Zion St
Hubbard Ave
Overlook Dr
Edgar Ave
25

0 400 800 Feet

NPV

FIGURE 1 -2
LOCATION MAP

Sources: ESRI WMS, 2023; SCWA, 2025
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

NPV

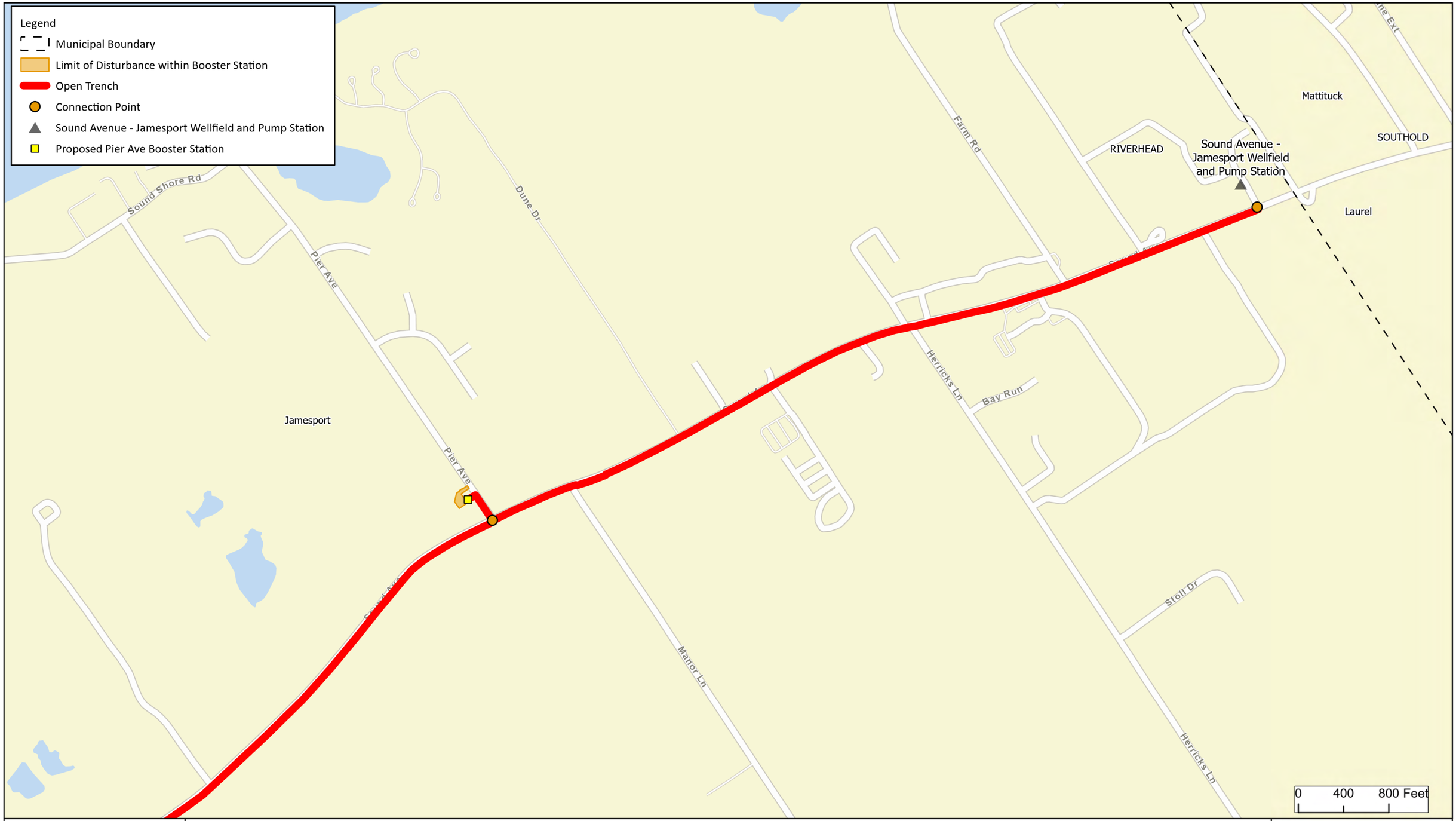
FIGURE 1 -3
LOCATION MAP

Sources: ESRI WMS, 2023; SCWA, 2025
Scale: 1 inch equals 800 feet

N

SCWA North Fork
Water Main Extensions

Riverside/Flanders to
Jamesport/Laurel



NPV

FIGURE 1 -4
LOCATION MAP

Sources: ESRI WMS, 2023; SCWA, 2025
Scale: 1 inch equals 800 feet

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

NPV

FIGURE 2 -1
AERIAL MAP

Sources: NYS Ortho Imagery, 2023; SCWA, 2025
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

NPV

FIGURE 2 -2
AERIAL MAP

Sources: NYS Ortho Imagery, 2023; SCWA, 2025
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

NPV

FIGURE 2 -3
AERIAL MAP

Sources: NYS Ortho Imagery, 2023; SCWA, 2025
Scale: 1 inch equals 800 feet

N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

Legend

- Municipal Boundary
- Limit of Disturbance within Booster Station
- Open Trench
- Connection Point
- Sound Avenue - Jamesport Wellfield and Pump Station
- Proposed Pier Ave Booster Station

Sound Shore Rd
Dune Dr
Pier Ave
Jamesport
A Rd
Sound Ave
Farm Rd
Herricks Ln
RIVERHEAD
Sound Avenue - Jamesport Wellfield and Pump Station
Mattituck
SOUTHOLD
Laurel
Manor Ln
Stoll Dr
0 400 800 Feet

NPV

FIGURE 2 -4
AERIAL MAP

Sources: NYS Ortho Imagery, 2023; SCWA, 2025
Scale: 1 inch equals 800 feet

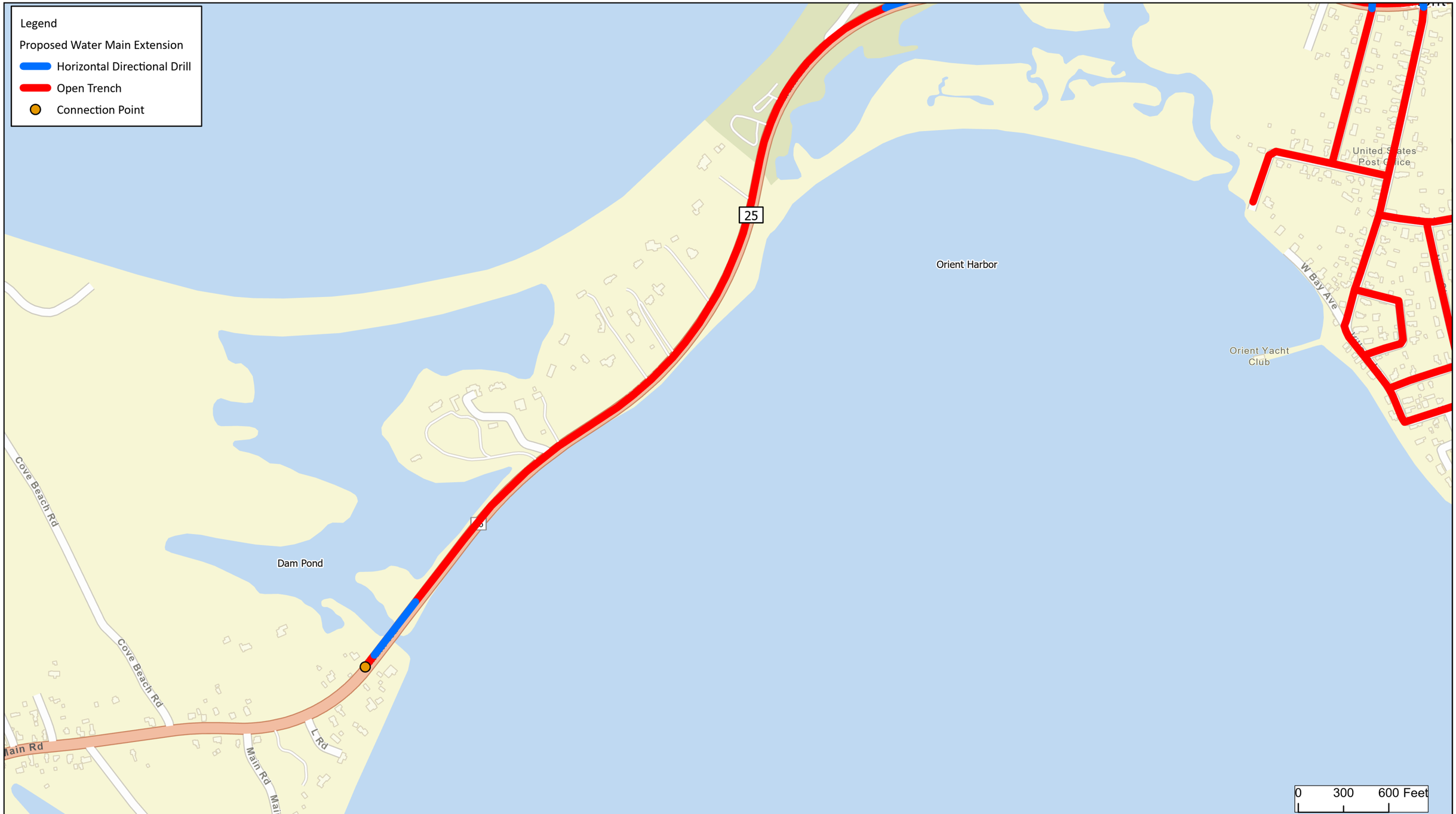
N

SCWA North Fork Water Main Extensions

Riverside/Flanders to Jamesport/Laurel

SCWA NORTH FORK WATER MAIN EXTENSIONS

East Marion to Orient



NPV

FIGURE 1 -1
LOCATION MAP

Sources: ESRI WMS, 2023; SCWA, 2025
Scale: 1 inch equals 600 feet

N

SCWA North Fork Water Main Extensions

E. Marion to Orient

NPV

FIGURE 1 -2
LOCATION MAP

Sources: ESRI WMS, 2023; SCWA, 2025
Scale: 1 inch equals 600 feet

N

SCWA North Fork Water Main Extensions

E. Marion to Orient

NPV

FIGURE 2 -1
AERIAL MAP

Sources: NYS Ortho Imagery, 2023; SCWA, 2025
Scale: 1 inch equals 600 feet

N

SCWA North Fork Water Main Extensions

E. Marion to Orient

NPV

FIGURE 2 -2
AERIAL MAP

Sources: NYS Ortho Imagery, 2023; SCWA, 2025
Scale: 1 inch equals 600 feet

N

SCWA North Fork Water Main Extensions

E. Marion to Orient