TOWN OF SOUTHAMPTON
Department of Community Preservation
24 W Montauk Hwy, Hampton Bays, NY 11946
Ph: 631-287-5720 Fx: 631-728-1920
www.southamptontownny.gov/WQIPP

2023

COMMUNITY PRESERVATION FUND (CPF)
WATER QUALITY IMPROVEMENT PROGRAM
CHECKLIST/APPLICATION INSTRUCTIONS

The CPF Water Quality Improvement Project Plan (WQIPP) Fund follows the objectives in the adopted Water Quality Improvement Project Plan (see http://www.southamptontownny.gov/WQIPP)

To apply for funding, an application must be COMPLETED and submitted along with detailed narratives and supporting information as described below. The Water Quality Advisory Committee will rank and score projects based on the Scoring Criteria contained in the application materials. Parcel acquisitions will be considered on an ongoing basis, independent of this application process.

Note: Electronic application submission required and 4 - full printed sets of application, site plan and narrative.
Upload application at www.southamptontownny.gov/WQIPPSUBMISSION
A Public Hearing and Town Board Resolution will be required for individual or multiple projects.

WATER QUALITY IMPROVEMENT PROJECT MEANS:

[1] DEFINITIONS:

1. **Wastewater Treatment Improvement Project** means the planning, design, construction, acquisition, enlargement, extension, or alteration of a wastewater treatment facility, including alternative systems to a sewage treatment plant or traditional septic system, to treat, neutralize, stabilize, eliminate or partially eliminate sewage or reduce pollutants in treatment facility effluent, including permanent or pilot demonstration wastewater treatment projects, or equipment or furnishings thereof. Stormwater collecting systems and vessel pumpout stations shall also be included within the definition of a wastewater improvement project.

2. **Nonpoint Source Abatement and Control Program Projects** developed pursuant to section eleven-b of the soil and water conservation districts law, title 14 of article 17 of the environmental conservation law, section 1455b of the federal coastal zone management act, or article forty-two of the executive law;

3. **Aquatic Habitat Restoration Project** means the planning, design, construction, management, maintenance, reconstruction, revitalization, or rejuvenation activities intended to improve waters of the state of ecological significance or any part thereof, including, but not limited to ponds, bogs, wetlands, bays, sounds, streams, rivers, or lakes and shorelines thereof, to support a spawning, nursery, wintering, migratory, nesting, breeding, feeding, or foraging environment for fish and wildlife and other biota.

4. **Pollution Prevention Project** means the planning, design, construction, improvement, maintenance or acquisition of facilities, production processes, equipment or buildings owned or operated by municipalities for the reduction, avoidance, or elimination of the use of toxic or hazardous substances or the generation of such substances or pollutants so as to reduce risks to public health or the environment, including changes in production processes or raw materials; such projects shall not include incineration, transfer from one medium of release or discharge to another medium, off-site or out-of-production recycling, end-of-pipe treatment or pollution control.

5. **The Operation of the Peconic Bay National Estuary Program**, as designated by the United States Environmental Protection Agency. Such projects shall have as their purpose the improvement of existing water quality to meet existing specific water quality standards. Projects which have as a purpose to permit or accommodate new growth shall not be included within this definition

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COMMUNITY PRESERVATION FUND (CPF)
WATER QUALITY IMPROVEMENT PROGRAM
PROPOSAL SUMMARY

Project Applicant: Village of Quogue
Project Title: Quantuck Bay FLUPSY and Oyster Relay Planting
Project Manager Name: Mayor Robert Treuhold

Name	Robert Treuhold
Title	Mayor
Organization	Village of Quogue
Address	7 Village Lane, PO Box 926, Quogue, NY 11959
Phone	631 653-4498
Email	RTreuhold@VillageofQuogueNY.gov

Property owner (if different from Project manager organization):

Name	Same
Affiliation	
Organization	
Address	
Phone	
Email	

Project Address: End of Quogo Neck Lane, Quogue, NY SCTM #(S) 0902017000200001000

Type of Project (Check all that apply):
☑ Reduction ☑ Remediation ☑ Restoration

Project Summary: (Provide a brief narrative description of proposed WQIPP project)

The project site is located in eastern Quantuck Bay, at the entrance of the Quogue Canal. NYS Section 303(d) List of Impaired Waters has this area exceeding the Total Maximum Daily Load of Organic Nitrogen, Fecal Coliform, and reports low levels of Dissolved Oxygen. Poor water quality is a result of low flushing rates (being the furthest point between two inlets), nitrogen loading from nearby sanitary systems and fertilizer application, and harmful algal blooms. The project seeks to grow 100,000 juvenile oyster seed (Crassostrea Virginica) annually for five years utilizing a field nursery called a Floating Upweller System (FLUPSY). An adult Eastern Oyster filters up to 50-gal of water a day, reducing algal density, turbidity, and aiding the biological process of denitrification. A FLUPSY accelerates the growth young oysters and offers protection from predators and poachers. As conditioned under a NYSDEC License to Collect and Possess, oysters are grown below market size then planted by boat onto the bay bottom. Quantuck Bay is a designated sanctuary area by the Southampton Town Trustees and thus oysters seeded into the bay will not be subject to harvest, but serve solely for water quality improvement. Plantings will help to restore and create sustainable local oyster population as well as serve as a keystone species for estuarine habitat restoration. The project has selected an adjacent shoal to the southwest of the FLUPSY site as the planting area. It contains a dense substrate with shell fragments and a clean sandy bottom that are idea for bedding oysters.

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If additional information is needed to describe the project; a project narrative can accompany the application. Please limit the narrative to approximately 3 pages of project description, provide a summary of water quality benefits/objectives of approximately 2 pages and provide a cost estimate of approximately 2 to 4 pages with supporting estimates. Any additional materials should be focused specifically on the proposed project with references to other studies that are pertinent

1. PROJECT TYPE (check all that apply)

Must meet at least one of the definitions of "Water Quality Improvement Project" per State Law Chapter 551 cited above. Check all that apply. **Note: Monitoring costs are only potentially eligible for CPF funding within Aquatic habitat restoration projects.**

- ☐ Wastewater Treatment Improvement Project
- ☐ Non-point source abatement and control
- ☑ Aquatic habitat restoration
- ☐ Pollution prevention
- ☐ Operation of Peconic Bay National Estuary Program (Grant Match)

2. PRIORITY AREA(S) (check all that apply)

Priority areas are defined in the Water Quality Improvement Project Plan (WQIPP).

- ☑ 303(d) Impaired
- ☐ Peconic Estuary Program - PEP map
- ☑ High
- ☐ Medium
- ☐ Outside High and Medium priority areas*

*If Outside High and Medium priority areas, explain how the project is relevant to WQIPP goals.

3. PROJECT DESCRIPTION

3a. Existing conditions of applicable groundwater/sub-watershed/waterbody and most recent and relevant data available (provide sources).

Eastern Quantuck Bay and Quogue Canal: High TMDL of Organic Nitrogen and Fecal Coliform. Low Dissolved Oxygen. Poor Flushing. NYS Section 303(d) List of Impaired Waters. Quantuck Bay is one of the most degraded water bodies in Southampton Town. This project serves a dual goal of filtering the water column and sequestering nitrogen. Quantuck bay is a remediation target area in the Southampton Town Water Quality Improvement Project Plan. The FLUPSY is also an upwelling system that brings nutrient rich water to the oysters and serves the dual purpose of increasing oxygen concentration through enhanced circulatthe project performing ion. The location at the Village Dock also provides an excellent opportunity for public information where the public can see and learn about the project benefits through appropriate signage.

3b. How the proposed solution addresses the issue in the context of Reduction, Remediation and/or Restoration as per the CPF Water Quality Project Plan. Note all remediation and restoration projects must assure that reduction measures are also addressed.

Remediating poor water quality by reducing the contributing factors ie. Organic Nitrogen and turbidity using the Eastern Oyster. Planting oysters will help to restore local oyster populations and support recruitment of new oysters in the area, further adding to the filtration of Quantuck Bay and Quogue Canal. Enhancing oxygen concentration though improved circulation.

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3c. Describe the proposed technology and its demonstrated efficacy in similar settings. May include published data.

A Floating Upwelling System (FLUPSY)is a low maintenance and high efficiency shellfish grow-out machine. Oyster seed are kept in 30 gal barrels that are connected along a pipe manifold. A 3/4hp motor at the end of the manifold draws nutrient rich water into the barrels at a constant and consistent flow. The advantage is the increase in food availability and the barrels are able to hold a significant amount of oysters. Oysters grown in a FLUPSY typically outpace the growth of natural set oysters. There are several FLUPSY operating within the Moriches Bay and Shinnecock Bay areas for close to a decade. Comparisons between the growth and densities of floating bag vs Flupsy grow-out methods found at Virginia Institute of Marine Science FLUPSY Fisheries Grant Project #RG-99-20.

3d. How the project supports Town of Southampton, Suffolk County, NYSDEC, Long Island Nitrogen Action Plan (LINAP) or other adopted goals/policies (provide references with pages numbers).

This project supports the Town of Southampton WQIP, Suffolk County Water Quality Protection and Restoration Program (WQPRP) under C12-2 of Article XII, NYDEC Water Quality Improvement Program (WQIP)pg.62, and LINAP Scope pg.16 and 26, by presenting an environmentally friendly and cost effective solution to improving poor water quality and circulation within Quantuck Bay and Quogue Canal.

3e. Review the following statements and indicate whether they are applicable to your project. For all "Yes" responses, please indicate how your project addresses the requirements indicated.

YES	N/A	
☐	☑	**If stormwater system or drainage is proposed:** The project must indicate compliance with the New York State Stormwater Design Manual (2015 and as updated).
☐	☑	**If project is related to farmland:** Describe any Agricultural Stewardship Plan or other long term strategy for Nitrogen abatement.
☑	☐	**If the project is for habitat restoration:** The narrative must address how underlying causes are being ameliorated and expected outcomes for local species populations or other ecological considerations are given.
☐	☑	**If project is a Sewage Treatment Plant (STP) or cluster treatment system:** Fund allocation request is based on cost for reduction of pre-existing conditions and not for purpose of accommodating new density (describe pre-existing density and associated flow (gallons per day) and total projected nitrogen reduction in narrative). Include detailed information on how many homes the system would treat as well as potential for formation of Sewer District, if required by Suffolk County Health Department or Town Law.
☐	☑	**If the project is requesting grant match:** Include information related to funding program source and purpose of application and any relevant items on this checklist. Note: A Town Board resolution will be required in order to encumber matching funds for grant applications.

4. WATER QUALITY BENEFIT

4a. Identify Nitrogen, Pathogen or Pollutant of Concern (POC) including Existing Condition and Target Reduction.

Reduction of Organic Nitrogen (ON) by conversion of ON to nitrogen gas by aiding the biochemical processes of denitrification. Oysters incorporate fecal coliform, carbon, and other pollutants into their tissues, removing them from the water column. Increased fecal Coliform levels is a transitory situation, but coliform is retained in the digestive tract of oysters until water quality improves. Coliform is then expelled and does not last long within the marine environment due to predation. Each adult oyster filters 50 gallons of water per day. The 100,000 oysters from this project will filter 5,000,000 gallons of water per day. Each 1,000 oysters will sequester 2.80 kilograms (6.2 pounds) for a total of 620 pounds of nitrogen annually from the proposed FLUPSY.

4b. Describe plans for collecting and reporting on water quality over time.

Oysters are measured and counted every season to provide average size. Size is used to determine the volume of water the cohort is filtering and how much nitrogen is being sequestered into shell and tissue. The total amount of nitrogen and gallons of water filtered will be recorded and reported annually (a typical update is attached). A water quality monitoring station is maintained by Suffolk County (Station 200 – Quantuck Bay (SCDHSECOLOGY-080200). Past data will be analyzed with future data for comparison.

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4c. Indicate useful life of proposed technology (must meet or exceed five years).

The current FLUPSY design consists of a marine grade aluminum frame, pvc floats, stainless steel hardware, and wood decking. With minimal maintenance, a FLUPSY can last well over 5 years. Oyster planting into sanctuary waters will provide extended project benefits as the life of an oyster is up to 30 years. Natural recruitment of the planted oysters will add to multi year benefits.

5. COST FACTORS

5a. Explain how you have confirmed that the proposed budget is reasonable, appropriate and necessary. If available, provide third party estimates or other documentation of how costs were determined.

Cost estimates are derived from the experience of the Moriches Bay project in operating 4 FLUPSYS and 5 oyster farms over the pervious 10 years. These include FLUPSY construction, stocking, maintenance, and oyster planting The listed costs are for labor, materials, and service contracts.

5b. Describe any matching funds to be provided.

No matching funds are requested.

5c. Explain: i. Why project cannot proceed and intended benefits cannot be achieved without external funding.
ii. if funds are awarded at a lower level than requested, or if there are cost overruns, explain how the project will proceed.

This is a stand alone project with defined project benefits and costs. The project benefits cannot be achieved without the requested funding. The fixed cost are for the construction and operation of the FLUPSY. A lower amount of funding will decrease the number of oysters that can be raised.

6. MANAGEMENT, EXPERIENCE, ABILITY

6a. Describe applicant's experience in completing similar projects.

The Village has worked with the Moriches Bay Project for almost 10 years. MBP is a non-profit water quality restoration organization that employs the use of multiple FLUPSY to grow and disperse oyster seed throughout eastern and western Moriches Bay. Annual production >500,000 oysters. The Moriches Bay Project would be hired to maintain the FLUPSY and the oysters. The Cornell Cooperative Extension (CCE) SPAT program will be engaged for FLUOSY construction, seasonal stocking, technical consultation, and annual assessment. CCE is the recognized leader in aquaculture in Suffolk County and will provide seed oyster, operational support, and technical expertise in the monitoring and reporting of the oysters before, during, and after growing in the FLUPSY and planting in Quantuck Bay.

6b. Describe community support or opposition to project. If there is opposition, explain how this is to be addressed.

Quogue Village and the Southampton Town Trustees have given full support to growing shellfish within Quantuck Bay for water quality improvement purposes. The Moriches Bay Project and Quantuck Beach Club maintain an oyster farm of 20,000 oysters together, and Quogue Village has generously granted permission for the Project to operate a FLUPSY at the Village dock on southern end of Quogo Neck Lane for the last five years.

6c. Describe any permits needed and time frame/status of approvals. If permits are approved, indicate same.

NYSDEC License to Collect and Possess amendment. Permits are maintained by Cornell Cooperative Extension (CCE) SPAT program, which will provide oysters, training, and technical expertise throughout the process.

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7. MAINTENANCE, MONITORING, EVALUATION

Estimate ongoing maintenance costs and explain how these will be supported. Explain stewardship and monitoring activities planned for ensuring sustainability of the project.

The proposed FLUPSY is designed to produce 100,000 oysters per season. Maintenance to include: refurbishing/replacing 3/4hp motor annually or biannually. Repairs to barrels or purchasing of barrels if necessary. Cleaning tools such as brushes, gloves, pump or power washer. The FLUPSY will be lead by a FLUPSY manager and two laborers that are organized to maintain the FLUPSY throughout the growing season to ensure standard operation and survival. The FLUPSY Manager is an experienced aquaculturalist which will train the laborers in FLUPSY operation. CCE will provide ongoing technical advise throughout the season, including stocking, maintenance and planting into Quantuck Bay.

8. DURATION OF PROJECT

8a. Provide a projected project timeline. Note: The Committee will only make recommendations for shovel-ready projects that can commence this fiscal year.

The project can commence and be put into service in the 2024 calendar year and continue in service for a minimum of five (5) years. The typical growing season for oysters in June to September. The FLUPSY can be constructed within 60 days of ordering and completed in time for stocking in late June, early July. The oyster will grow over the summer months from Jule until September to reach a survival size before being planted in the bay. The oysters will be transferred from the FLUPSY into a sanctuary area in Quantuck Bay in October.

8b. If project is multi-year or phased, provide a breakdown of budget and milestones for each year and phase.

The project is designed as a five year program with each successive year to be informed by the previous seasons effort. The FLUPSY construction costs will be born in year one, with labor, maintenance and services only in years 2 through 5 as detailed in the included budget. The project budget is as follows:
Year 1 - $102,659
Year 2 - $45,734 -
Year 3 - $45,734
Year 4 - $45,734
Year 5 - $45,734

9. ATTESTATION

Allocation of CPF funds will not be for the purpose of accommodating new growth, as this is prohibited by State law.
Check all boxes & sign.

- ☑ We certify that funds will not be directed for projects for the purpose of accommodating new growth.
- ☑ We understand that progress reports will need to be generated as specified in our Water Quality Improvement Contract AND a final report showing qualitative and/or quantitative data will be generated upon project completion. .

Signature:_____Robert Treuhold_____ Date_____3/15/23_____

10. REQUIRED ATTACHMENTS Confirm that the following required documents are attached to this application:

- ☑ Photos of existing conditions
- ☑ Location Map
- ☑ State Environmental Quality Review Act (SEQRA) Long or Short Environmental Assessment Form (EAF) https://www.dec.ny.gov/permits/6191.html
- ☑ Completed EPA Spreadsheet Tool for Evaluating Pollutant Load (STEPL) https://www.epa.gov/nps/spreadsheet-tool-estimating-pollutant-loads-stepl or similar standardized methodology (describe)
- ☑ Project budget (see attached template)
- ☑ Ownership commitment is provided via letter of intent (LOI) for non-municipal owners or municipal resolution for municipal owners
- ☑ Public agencies must complete SEQRA on the project and submit determination of significance and associated documentation.

11. OTHER ATTACHMENTS

List other attachments provided, including cost estimates, bids, plans, documentation of matching funds, and other as appropriate to demonstrate project readiness, quality, feasibility, and cost effectiveness

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BUDGET PROPOSAL

Is the applicant a municipality? ☑ Yes ☐ No
If yes, please enter the request date or anticipated request date of RFP (Request for Proposals) January 2024.

PLANNING/ENGINEERING/DESIGN	Town CPF Request	Matching Funds Committed	Matching Funds Pending	Estimated Total Project Costs
Task 1-Project Planning	$-5,765.00	$-0.00	$-0.00	$-5,765.00
Task 2-Site Selection and Permitting	$-4,525.00	$-0.00	$-0.00	$-4,525.00
Task 3- FLUPSY design	$-1,500.00	$-0.00	$-0.00	$-1,500.00
Task 4-	$-	$-	$-	$-0.00
Task 5-	$-	$-	$-	$-0.00
Task 6-	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
Planning/Engineering/Design Cost Total	$-11,790.00	$-0.00	$-0.00	$-11,790.00

Contractual Services				
FLUPSY Manager (annually)	$-9,678.00	$-0.00	$-0.00	$-9,678.00
FLUPSY Laborer 1 (annually)	$-5,467.00	$-0.00	$-0.00	$-5,467.00
FLUPSY Laborer 2 (annually)	$-5,467.00	$-0.00	$-0.00	$-5,467.00
FLUPSY Technical Support (CCE) - annually	$-10,879.00	$-0.00	$-0.00	$-10,879.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
Contractual Services Cost Total	$-31,491.00	$-0.00	$-0.00	$-31,491.00

Construction & Site Improvements				
NA	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
Construction & Site Improvements Cost Total	$-0.00	$-0.00	$-0.00	$-0.00

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Equipment/Materials/Supplies	Town CPF Request	Matching Funds Committed	Matching Funds Pending	Estimated Total Project Costs
(1) Floating Upweller System 12'x13' with barrels	$-45,135.00	$0.00	$-0.00	$-45,135.00
100,000 Oyster Seed (annually)	$-5,500.00	$0.00	$-0.00	$-5,500.00
3/4hp Ice Eater Motor (annually)	$-1,456.00	$0.00	$-0.00	$-1,456.00
Cleaning Supplies (annually)	$-512.00	$0.00	$-0.00	$-512.00
Personal Protection Equipment (annually - gloves, etc.)	$-432.00	$0.00	$-0.00	$-432.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
				$ 0.00
				$ 0.00
				$ 0.00
				$ 0.00
				$ 0.00
				$ 0.00
				$ 0.00
Equipment/Materials/Supplies Total	$-53,035.00	$0.00	$-0.00	$-53,035.00

Additional Cost				
Project Administration and Legal	$-6,343.00	$-0.00	$-0.00	$-6,343.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
Additional Cost Total	$-6,343.00	$-0.00	$-0.00	$-6,343.00

Planning/Engineering/Design Cost Total (from page 7)	$- 11,790.00	$- 0.00	$- 0.00	$- 11,790.00

Total Project Cost - 1st Year only	$-102,659.00
Applicant matching funds committed	$-0.00
Applicant matching funds pending approval (e.g. grant request submitted pending determination)	$-0.00
Total CPF Funds Requested	$-102,659.00

Source of matching funds	Amount

Year 1	$ 102,659.00
Year 2	$ 45,734.00
Year 3	$ 45,734.00
Year 4	$ 45,734.00
Year 5	$ 45,734.00
Five Year Total	$ 285,595.00

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COMMUNITY PRESERVATION FUND (CPF)
WATER QUALITY IMPROVEMENT PROGRAM
LETTER OF INTENT

APPLICANT'S INFORMATION

Owner: Village of Quogue

Contact First and Last Name: Robert Treuhold

Contact Address: 7 Village Lane, PO Box 926, Quogue, NY 11959

Contact Phone: 631 653 4498

Contact Email: RTreuhold@VillageofQuogueNY.gov

CONTRACT RECIPIANT INFORMATION

Name/Organization: Same

Contact Person/Officer:

Contact Address:

Contact Phone:

Contact Email:

PROJECT INFORMATION

Project Title: Quantuck Bay FLUPSY and Oyster Relay PLanting

Project Location: Quantuck Bay, Quoguo Neck Lane.

Project Description (1-3 sentences):

Grow and plant 100,000 oysters annually for five years to sequester 680 pounds of Nitrogen annually and filter 5,000,000 gallons of water daily as well as naturally propagate oysters to create a sustainable oyster population.

ANTICIPATED PROJECT TIMELINE

Begin: January 2024

Complete: December 2028

Notes:

The proposed project is to building and operate a FLUPSY for one season that will grow out 100,000 oysters beginning in 2024 and annually until 2028

Short Environmental Assessment Form
Part 1 - Project Information

Instructions for Completing

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

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

Part 1 – Project and Sponsor Information

Name of Action or Project:

Quogue FLUPSY and Oyster Relay Planting

Project Location (describe, and attach a location map):

Eastern Quantuck Bay near Quogue Canal, and the end of Quogo Neck Lane, Village of Quogue NY

Brief Description of Proposed Action:

The project site is located in eastern Quantuck Bay, at the entrance of the Quogue Canal. Quantuck Bay and Quogue Canal are both listed as impaired waterways under the NYS Section 303(d) List of Impaired Waters. The project seeks to grow juvenile oysters (Crassostrea Virginica) to below market size for filtration and water quality improvement purposes, then plant them in a designated area of the Bay. The project will involve the deployment of a 12'x13' Floating Upweller System at the south end of Quoguo Neck Lane in the Village of Quogue, and temporary storage of roughly 100,000 animals during the growing season.

Name of Applicant or Sponsor:	Telephone: 631 653 4498
Village of Quogue	E-Mail: RTYreuhold@VillageofQuogueNY.gov

Address:

7 Village Lane, PO Box 926

City/PO:	State:	Zip Code:
Quogue	NY	11959

	NO	YES
1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation? If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.	☑	☐
2. Does the proposed action require a permit, approval or funding from any other government Agency? If Yes, list agency(s) name and permit or approval: NYSDEC License to Collect and Possess amendment	☐	☑

3. a. Total acreage of the site of the proposed action? 0.023 acres
   b. Total acreage to be physically disturbed? 0.0 acres
   c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 0.0 acres

4. Check all land uses that occur on, are adjoining or near the proposed action:

☐ Urban ☐ Rural (non-agriculture) ☐ Industrial ☐ Commercial ☑ Residential (suburban)

☐ Forest ☐ Agriculture ☑ Aquatic ☐ Other(Specify):

☐ Parkland

	NO	YES	N/A
5. Is the proposed action,			
a. A permitted use under the zoning regulations?	☐	☑	☐
b. Consistent with the adopted comprehensive plan?	☐	☑	☐

	NO	YES
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	☐	☑

	NO	YES
7. Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area?		
If Yes, identify: _____	☑	☐

	NO	YES
8. a. Will the proposed action result in a substantial increase in traffic above present levels?	☑	☐
b. Are public transportation services available at or near the site of the proposed action?	☑	☐
c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?	☐	☑

	NO	YES
9. Does the proposed action meet or exceed the state energy code requirements?		
If the proposed action will exceed requirements, describe design features and technologies:		
N/A	☐	☑

	NO	YES
10. Will the proposed action connect to an existing public/private water supply?		
If No, describe method for providing potable water:		
NA	☑	☐

	NO	YES
11. Will the proposed action connect to existing wastewater utilities?		
If No, describe method for providing wastewater treatment:		
NA	☑	☐

	NO	YES
12. a. 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?	☑	☐
b. 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?	☐	☐

	NO	YES
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?	☐	☑
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?	☐	☑
If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____		
Eastern Quantuck Bay and Quogue Canal. No disturbance to Bay bottom. All shellfish to be planted by boat.		

14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:

☑ Shoreline ☐ Forest ☐ Agricultural/grasslands ☐ Early mid-successional

☐ Wetland ☐ Urban ☑ Suburban

	NO	YES
15. Does the site of the proposed action contain any species of animal, or associated habitats, listed by the State or Federal government as threatened or endangered?	☑	☐
16. Is the project site located in the 100-year flood plan?	☐	☑
17. Will the proposed action create storm water discharge, either from point or non-point sources?	☑	☐
If Yes,		
a. Will storm water discharges flow to adjacent properties?	☑	☐
b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)?	☑	☐
If Yes, briefly describe: _____		
18. Does the proposed action include construction or other activities that would result in the impoundment of water or other liquids (e.g., retention pond, waste lagoon, dam)?	☑	☐
If Yes, explain the purpose and size of the impoundment: _____		
19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility?	☑	☐
If Yes, describe: _____		
20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?	☑	☐
If Yes, describe: _____		

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

Applicant/sponsor/name: Village of Quogue Date: 3/15/23

Signature: Robert Treuhold Title: Mayor

PRINT FORM

Quogue Shellfish Restoration and Estuary Circulation Project Location Map

Prepared by Aram Terchunian
First Coastal
4 Arthur Street
Westhampton Beach NY 11978
p:631 288 2271 email: aram@firstcoastal.com

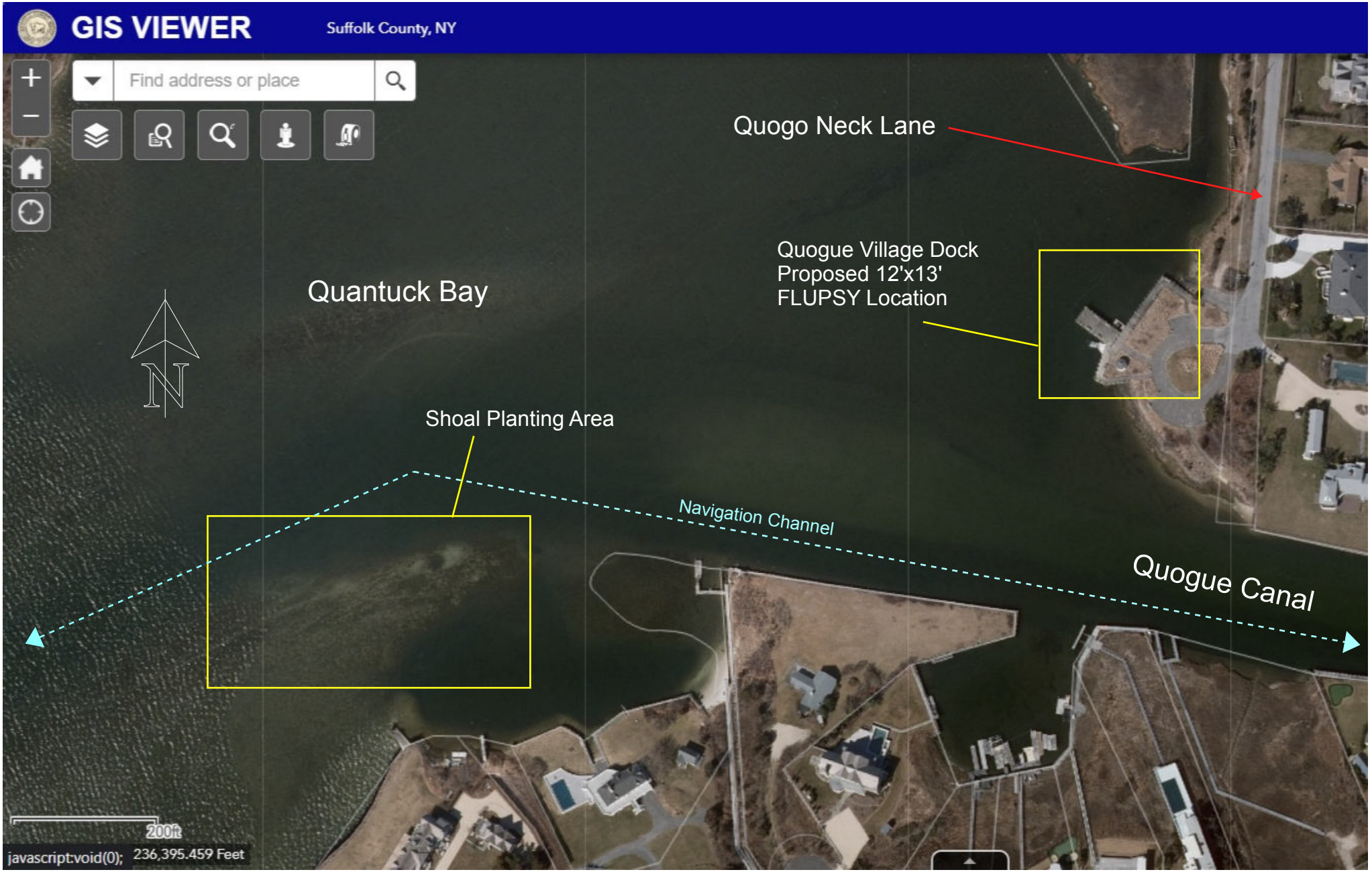


Photo 1

Typical Aluminium frame FLUPSY
with Manifold for water upwelling
(this is in the off season configuration)

Photo 2

Village Dock with Gazebo
for Public Information

AERIAL

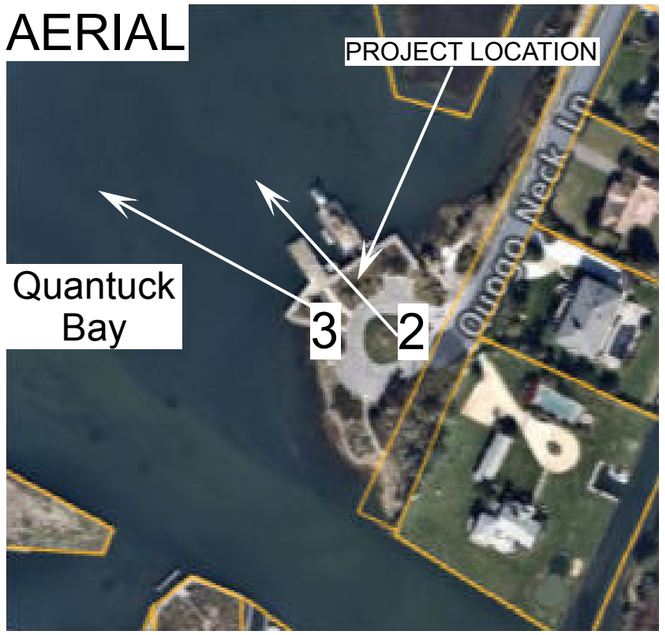


Photo 3

REVISIONS	DATE

FIRST Coastal
P.O. Box 1212, 4 Arthur Street
Westhampton Beach, N.Y. 11978
(631)288-2271; fax (631)288-8949

Drawing No.: photo

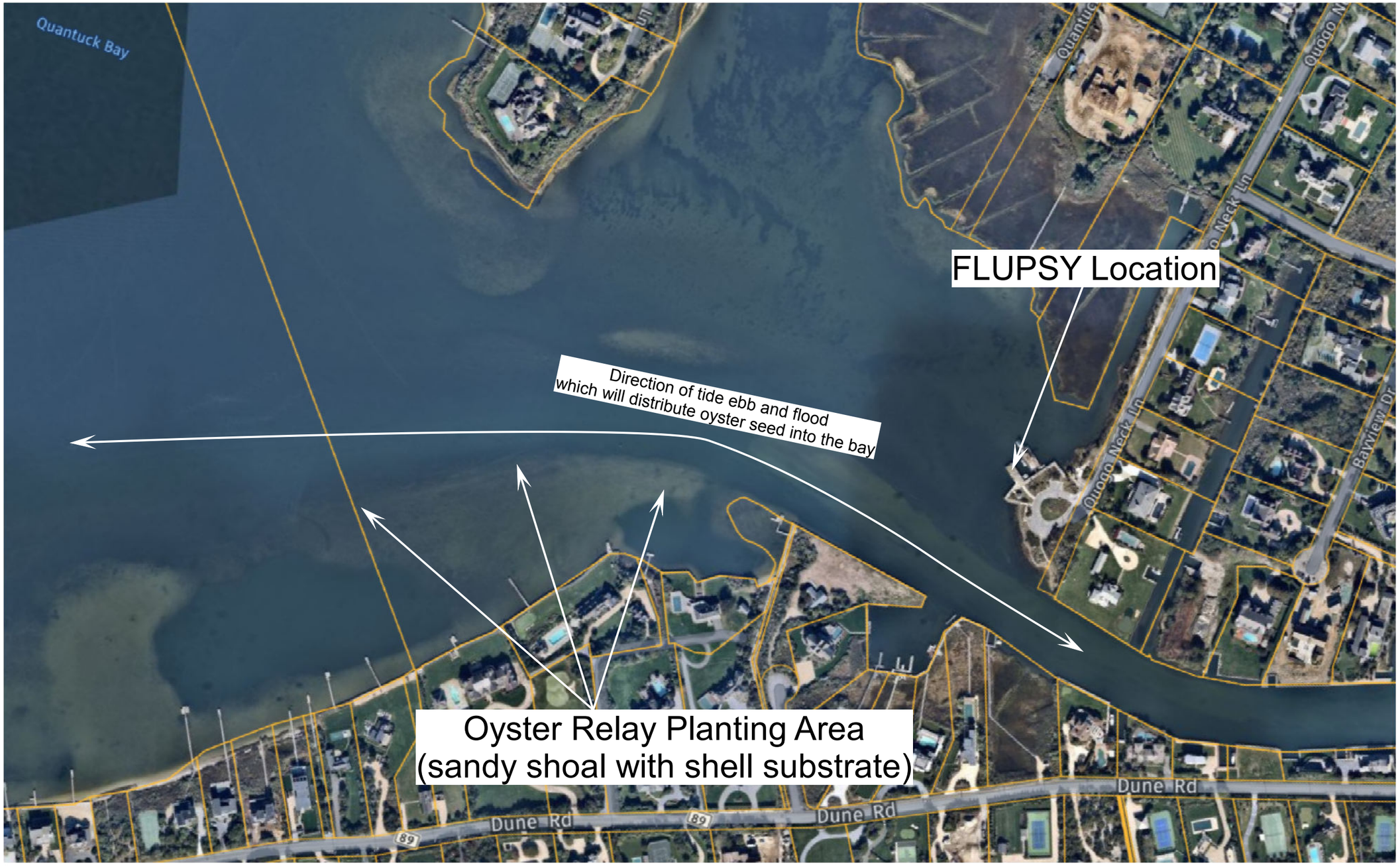
SCALE: As Shown

Date: 03/10/2023

Drawn By: AVT

Sheet No: 1 of 1

Quoguo Neck Lane
FLUPSY & Oyster Relay Planting
Village of Quogue
Shellfish Restoration



REVISIONS	DATE

FIRST Coastal
P.O. Box 1212, 4 Arthur Street
Westhampton Beach, N.Y. 11978
(631)288-2271; fax (631)288-8949

Drawing No.: Stormwater sites

SCALE: As Shown

Date: 03/10/2023

Drawn By: AVT

Sheet No: 1 of 1

Quoguo Neck Lane
FLUPSY & Oyster Relay Planting
Village of Quogue
Shellfish Restoration