



TOWN OF SOUTHAMPTON

Department of Community Preservation
24 W Montauk Hwy, Hampton Bays, NY 11946
Ph: 631-287-5720 Fx: 631-728-1920

WQIPP@southamptontownny.gov

Entity: _____

Project Name: _____

2024

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: Kimberly Barbour, Cornell Cooperative Extension Marine Program

Project Title: _____

Project Manager Name: _____

Entity Anticipating Grant and Funding: _____

Name	
Title	
Organization	
Address	
Phone	
Email	

Property owner (if different from Project manager organization):

Name	
Affiliation	
Organization	
Address	
Phone	
Email	

Project Address: _____ SCTM #(S) _____

Type of Project (Check all that apply):

- Reduction Remediation Restoration

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



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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).

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.



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

[Blank response area for 3c]

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 page numbers).

[Blank response area for 3d]

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	
<input type="checkbox"/>	<input type="checkbox"/>	If stormwater system or drainage is proposed: The project must indicate compliance with the New York State Stormwater Design Manual (2015 and as updated).
<input type="checkbox"/>	<input type="checkbox"/>	If project is related to farmland: Describe any Agricultural Stewardship Plan or other long term strategy for Nitrogen abatement.
<input type="checkbox"/>	<input type="checkbox"/>	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.
<input type="checkbox"/>	<input type="checkbox"/>	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.
<input type="checkbox"/>	<input type="checkbox"/>	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.

[Blank response area for 4a]

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

[Blank response area for 4b]



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

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.

5b. Describe any matching funds to be provided.

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.

6. MANAGEMENT, EXPERIENCE, ABILITY

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

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

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



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BUDGET PROPOSAL

Is the applicant incorporated or organized as a Not-for-Profit corporation or Not-for Profit limited liability company?

Yes No (If Yes, please submit a copy of the Certificate of Incorporation/Organization with this application)

Is the applicant a municipality? Yes No

If yes, please enter the request date or anticipated request date of RFP (Request for Proposals) _____.

PLANNING/ENGINEERING/DESIGN	Town CPF Request	Matching Funds Committed	Matching Funds Pending	Estimated Total Project Costs
Task 1-	\$-	\$-	\$-	\$-
Task 2-	\$-	\$-	\$-	\$-
Task 3-	\$-	\$-	\$-	\$-
Task 4-	\$-	\$-	\$-	\$-
Task 5-	\$-	\$-	\$-	\$-
Task 6-	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
Planning/Engineering/Design Cost Total	\$-	\$-	\$-	\$-

Contractual Services				
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
Contractual Services Cost Total	\$-	\$-	\$-	\$-

Construction & Site Improvements				
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
Construction & Site Improvements Cost Total	\$-	\$-	\$-	\$-



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Project Name: _____

2024

Equipment/Materials/Supplies	Town CPF Request	Matching Funds Committed	Matching Funds Pending	Estimated Total Project Costs
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
Equipment/Materials/Supplies Total	\$-	\$-	\$-	\$-

Additional Cost				
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
Additional Cost Total	\$-	\$-	\$-	\$-

Planning/Engineering/Design Cost Total (from page 7)	\$-	\$-	\$-	\$-
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Total Project Cost	\$-
Applicant matching funds committed	\$-
Applicant matching funds pending approval (e.g. grant request submitted pending determination)	\$-
Total CPF Funds Requested	\$-

Source of matching funds	Amount



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

APPLICANT'S INFORMATION

Owner: _____

Contact First and Last Name: _____

Contact Address: _____

Contact Phone: _____

Contact Email: _____

CONTRACT RECIPIANT INFORMATION

Name/Organization: _____

Contact Person/Officer: _____

Contact Address: _____

Contact Phone: _____

Contact Email: _____

PROJECT INFORMATION

Project Title: _____

Project Location: _____

Project Description (1-3 sentences): _____

ANTICIPATED PROJECT TIMELINE

Begin: _____

Complete: _____

Notes: _____

Tiana Bayside Habitat and Shellfish Restoration, in Support of Water Quality Improvement

Budget Justification Key Points:

- The multitude of species to be cultivated and propagated in support of water quality and habitat restoration goals calls for a wide scope of expertise, infrastructure and technical implementation of proven methodology. The budget reflects the personnel, equipment and material expenses needed to conduct this project, which will cost over \$221,210 in total, with \$196,210 being requested from the Town of Southampton Community Preservation Fund.
- CCE Marine Program is continually seeking funding from various agencies, foundations, and donors in order to continue and expand operations at all of its locations, including Tiana Bayside, and will continue to do so the funds requested from the Town represent only a portion of the true costs of these activities. The continuation of funding from the Town CPF will enable the project elements to succeed on a long term basis, and for future planning for expansion of restoration efforts to occur.
- CCE has leveraged over \$500,000 in grant funds and additional in-kind contributions to invest in efforts planned and underway at Tiana Bayside since the first CPF award granted by the Town in 2021. The funding being requested this year would enable CCE to continue to devote resources needed to maintain a successful partnership with Southampton Town in support of clean water and community stewardship.
- The highest restoration success - and in turn water quality benefits - will be achieved when a long-term commitment is made towards the expansion, maintenance, and monitoring of restoration efforts. In order to plan for a long term effort, adequate time and funds must be devoted to monitoring of the success of the oyster, clam, bay scallop and eelgrass plantings while sustaining a critical mass of spawning and seeding population of these species and planning for future expansion beyond the Tiana Bayside Sanctuary. The funding requested will help enable this to happen.
- By conducting the project as proposed, this effort will yield substantial results in water quality improvement through shellfish population enhancement, habitat restoration, and effective public education and outreach. Residents and visitors to Tiana Bayside Facility will be able to learn about water quality issues and how land-based practices may impact the health of our environment and quality of our ground and surface waters.

Tiana Bayside Habitat and Shellfish Restoration, in Support of Water Quality Improvement**Cost Breakdown For Bay Scallop Restoration Budget Line**

- Proposed Town CPF Cost: \$52,500
- Match Committed:
- Key Tasks and Costs
 - Gear Construction: \$4,450
 - Site Set Up: \$2,670
 - Scallop Spawn: \$7,260
 - Nursery Care: \$7,260
 - Tiana Bayside year one growout and bi-weekly gear processing: \$10,090
 - Spring Site Surveys: \$4,450
 - Intermediate growout at Tiana: \$4,450
 - Spat Collector Deployment: \$5,045
 - Establishment of Spawner Lines adjacent to sanctuary: \$4,450
 - Fall Plantings and population surveys: \$2,375

Cost Breakdowns for Oyster + Clam Restoration, Living Shoreline, and Coastal Habitat Restoration will be provided at a later date

Tiana Bayside Habitat and Shellfish Restoration, in Support of Water Quality Improvement

Bay Scallop Restoration Team Budget Justification/Scope of Work

Gear Construction and Site Setup - CCE will construct three-tiered, wire mesh cages using commercially available vinyl covered 5/8" mesh. Additional gear will be constructed using commercially available 6mm ADPI oyster bags and zip ties. CCE will install multiple benthic screw anchors via SCUBA at Tiana Bayside Facility to attach bottom and pelagic gear to, and long line systems to attach floating cages and floating bags.

Bay Scallop Spawning - In the spring of 2025, CCE's dive team will collect wild Peconic bay scallops, and contract commercial baymen to collect wild adult bay scallops from Moriches Bay. Moriches bay had significantly higher commercial landings in 2023 compared to the Peconic, and although not yet confirmed genetically, may have an increased tolerance to the parasite, which is the leading cause of recent die-offs. CCE will investigate differences in survival of these two populations. Each broodstock will be conditioned and spawned separated at CCE's Southold hatchery. Shellfish will require continued maintenance of filtration, aeration, water flow systems, and algae cultures.

Nursery care - After spawning, larval scallops will be cared for daily for up to two weeks until metamorphosis occurs, with special care to keep site populations separate. Juvenile scallops will be moved to flow-through nursery systems for up to three weeks, where they are graded, sorted, and cared for twice a week to avoid overcrowding and to ensure sufficient flow.

Intermediate grow-out at Tiana Bayside Facility - Juveniles reaching 5mm average shell height, will be carefully packed up into coolers at CCE's nursery in Southold and immediately transported to the Tiana Bayside Facility (multi-day process). Prior to transfer, all gear needs to be transported to Tiana and then attached to the screw anchors and lines put in place during the site setup phase.

Spring surveys - CCE's dive team will inspect the condition of gear that was installed in 2024 and make necessary repairs in April and May. Benthic surveys will be conducted on sites where bay scallops were planted in the fall of 2024. Additional gear and/or gear modifications may be required based on 2024 survival and growth.

Spat collectors at Tiana Bayside Sanctuary - In May, multiple spat collector arrays will be constructed. Every three weeks, in an offset rotation, CCE will deploy, and sample spat collectors to assess natural bay scallop recruitment near spawner lines within the Tiana Bayside Sanctuary as well as adjacent to 2024 planting locations.

Year-one grow-out and biweekly processing of gear and scallops at Tiana Bayside Facility -

Bay scallops from both the Moriches Bay and Peconic broodstock spawns will be deployed in multiple aquaculture gear types and processed bi-weekly from the day of deployment through October. Processing includes sampling to assess shell growth and survival estimates, and cleaning gear and reducing stocking densities.

Establishment of spawner lines adjacent to Tiana Bayside Sanctuary - CCE will take a subpopulation of year one, reproductively active adult scallops from their long line spawner sanctuary in Orient Harbor and relocate them to aquaculture gear at Tiana Bayside Facility, to help local recruitment. (gear cleaned on a monthly basis)

Fall plantings and population surveys - In October, scallops held in aquaculture at Tiana will be planted in areas adjacent and within the Tiana Bayside Sanctuary. Prior to planting, bay scallops will be measured for shell height and benthic surveys will be done at planting locations. (Gear removed, cleaned, overwintered at Southold location)

Tiana Bayside Habitat and Shellfish Restoration, in Support of Water Quality Improvement

Living Shoreline and Gabion Removal Budget Justification

CCE has been working with the Town to explore options to enable the removal of the rock revetment gabion structure that stretches across the beach at Tiana Bayside Facility. This hardened structure is exposed making it hazardous to both human users of the park, and the breeding horseshoe crab population that needs to access this shoreline each spring. In order to move ahead with plans to remove the gabions, a plan must be in place to replace this structure with a living shoreline to address erosion concerns, improve habitat availability, and balance recreational and ecological function of the shoreline. As a first step in this process, CCE will conduct the necessary site characterization assessment and develop conceptual designs for what the living shoreline can look like so permitting and implementation funding can be secured.

Shoreline Evaluation + Coastline Species Survey

A comprehensive species characterization to determine the existing plant communities on the shoreline will be conducted. Elevation and current condition of the shoreline will be evaluated in order to determine the areas where the most erosion is occurring, and what living shoreline modalities would best address the goal of protecting the area from further damage, while creating a functional and visually pleasing design.

Site Suitability Assessment + Spat-on-Shell Oyster Reef Design

Part of the envisioned living shoreline design would include installation of a spat-on-shell oyster reef offshore to serve as a natural wave energy break. An in-water survey will be conducted to characterize the bottom sediment and conditions and map out a suitable area to deploy the oyster reef.

Conceptual Design

Renderings of the living shoreline will be completed giving a visual depiction of what the project can look like based on what species and methodologies CCE determines would be most appropriate for the site. Final plans will be developed based on Town feedback from conceptual design options, and will need to be completed by an engineering/architect firm that CCE can work with as part of the Phase 2 of this project.

Permitting and Installation Plan

Once conceptual design of the living shoreline has been complete, CCE can provide a project scope and budget for Phase 2 Planning + Permitting and Phase 3 Installation + Maintenance that will be included in the final report.

Tiana Bayside Habitat and Shellfish Restoration, in Support of Water Quality Improvement

Project Personnel Details:

- **Hatchery Manager:** Planning and oversight of algae and shellfish cultivation, maintenance and care and related staff to accomplish production goals.
- **Aquaculture Coordinator:** Finalization of stewardship site/receiving area plans, coordination with regulators for permitting and permissions, coordination of stewardship activities and public involvement in the care and planting of shellfish produced for project.
- **Aquaculture Specialist:** Guidance in restoration project design, final site selection, and oversight of all stewardship and restoration planting activities to ensure greatest water quality impacts.
- **Algae Technician:** cultivation of algae to feed the millions of shellfish to be produced for project.
- **Shellfish Technicians (3):** assistance with spawning and care for shellfish for the duration they live in our shellfish hatchery system, transport to nursery systems, and weekly cleaning and care of juvenile shellfish until ready for seeding/deployment at stewardship site(s).
- **Marine Botany Specialist:** Oversight and direction in design of eelgrass restoration element of project. Coordination of regulatory permissions and permitting affiliated with activities.
- **Marine Meadows Program Manager:** Integration of community members into eelgrass planting activities to further the understanding of the importance of marine habitat, and increase extent of restoration plantings and seeding in support of water quality goals.
- **Habitat Restoration Field Coordinator:** Coordination of field activities and dives to collect necessary information pertaining to site suitability assessment, final restoration site selection, and subsequent eelgrass planting and monitoring activities.
- **Senior Resource Educator/Project Manager:** Oversight of all elements of project to ensure restoration, community involvement, and water quality goals are met and reported.
- **Volunteer Coordinator:** Integration of community engagement opportunities into proposed tasks, recruitment of volunteers, delivery of stewardship sessions and workshops.
- **Marine Education and Outreach Assistant:** Assistance in design and delivery of stewardship sessions and workshops.

Tiana Bayside Habitat and Shellfish Restoration, in Support of Water Quality Improvement**Supporting Resources:**

Alber, M. and I. Valiela, 1996. Utilization of microbial organic aggregates by bay scallops *Argopectin irradians*. *Journal of Experimental Marine Biology and Ecology*, 195: 71-89.

Carmichael, R.H., W. Walton and H. Clark, 2012. Bivalve-enhanced nitrogen removal from coastal estuaries. *Canadian Journal of Fish. Aquat. Sci.* 69: 1131–1149.

Chipman, W.A. and J.G. Hopkins, 1954. Water filtration by the bay scallop, *Pecten irradians*, as observed with the use of radioactive plankton. *Biological Bulletin*, 107, 1: 80-91.

Dvarskas, A., S.B. Bricker, G.H. Wikfors, J.J. Bohorquez, M.S. Dixon and J.M. Rose, 2020. Quantification and valuation of nitrogen removal services provided by commercial shellfish aquaculture at the subwatershed scale. *Environ. Sci. Technol.*, 54, 24: 16156–16165.

Hilla, T.D., N.R. Sommerb, C.R. Kanaskiec, E.A. Santosd, and A.J. Oczkowski, 2018. Nitrogen uptake and allocation estimates for *Spartina alterniflora* and *Distichlis spicate*. *Journal of Experimental Marine Biology and Ecology* 507: 53-57.

Newell, R.I.E., 2004. Ecosystem influences of natural and cultivated populations of suspension-feeding bivalve mollusks: a review. *Journal of Shellfish Restoration* 23: 51–61.

Rose, J.M., S.B. Bricker, and J.G. Ferreira, 2015. Comparative analysis of modeled nitrogen removal by shellfish farms. *Marine Pollution Bulletin*, 91,1: 185-190.

Rose, J.M., S.B. Bricker, M.A. Tedesco and G.H. Wikfors, 2014. A role for shellfish aquaculture in coastal nitrogen management. *Environ. Sci. Technol.*, 48, 5: 2519–2525.

Sandoval-Gil, J., A. Alexandre, R. Santos and V.F. Camacho-Ibar, 2016. Nitrogen uptake and internal recycling in *Zostera marina* exposed to oyster farming: eelgrass potential as a natural biofilter. *Estuaries and Coasts*, 39, 6: 1694-1708

Zarnoch, C.B., T.J. Hoelleinb, B.T. Furmanc, and B.J. Peterson, 2017. Eelgrass meadows, *Zostera marina* (L.), facilitate the ecosystem service of nitrogen removal during simulated nutrient pulses in Shinnecock Bay, New York, USA. *Marine Pollution Bulletin*, 124, 17: 376-387.

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.

<u>Part 1 – Project and Sponsor Information</u>			
Name of Action or Project:			
Project Location (describe, and attach a location map):			
Brief Description of Proposed Action:			
Name of Applicant or Sponsor:		Telephone:	
		E-Mail:	
Address:			
City/PO:		State:	Zip Code:
1. <u>Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation?</u>		NO	YES
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.		<input type="checkbox"/>	<input type="checkbox"/>
2. <u>Does the proposed action require a permit, approval or funding from any other government Agency?</u>		NO	YES
If Yes, list agency(s) name and permit or approval:		<input type="checkbox"/>	<input type="checkbox"/>
3. a. <u>Total acreage of the site of the proposed action?</u> _____ acres			
b. <u>Total acreage to be physically disturbed?</u> _____ acres			
c. <u>Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?</u> _____ acres			
4. <u>Check all land uses that occur on, are adjoining or near the proposed action:</u>			
<input type="checkbox"/> Urban <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Residential (suburban)			
<input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other(Specify):			
<input type="checkbox"/> Parkland			

5. Is the proposed action,	NO	YES	N/A
a. <u>A permitted use under the zoning regulations?</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. <u>Consistent with the adopted comprehensive plan?</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. <u>Is the proposed action consistent with the predominant character of the existing built or natural landscape?</u>	NO	YES	
	<input type="checkbox"/>	<input type="checkbox"/>	
7. <u>Is the site of the proposed action located in, or does it adjoin, a state listed Critical Environmental Area?</u>	NO	YES	
If Yes, identify: _____	<input type="checkbox"/>	<input type="checkbox"/>	
8. a. <u>Will the proposed action result in a substantial increase in traffic above present levels?</u>	NO	YES	
	<input type="checkbox"/>	<input type="checkbox"/>	
b. Are public transportation services available at or near the site of the proposed action?	<input type="checkbox"/>	<input type="checkbox"/>	
c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?	<input type="checkbox"/>	<input type="checkbox"/>	
9. <u>Does the proposed action meet or exceed the state energy code requirements?</u>	NO	YES	
If the proposed action will exceed requirements, describe design features and technologies: _____ _____	<input type="checkbox"/>	<input type="checkbox"/>	
10. <u>Will the proposed action connect to an existing public/private water supply?</u>	NO	YES	
If No, describe method for providing potable water: _____ _____	<input type="checkbox"/>	<input type="checkbox"/>	
11. <u>Will the proposed action connect to existing wastewater utilities?</u>	NO	YES	
If No, describe method for providing wastewater treatment: _____ _____	<input type="checkbox"/>	<input type="checkbox"/>	
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?	NO	YES	
	<input type="checkbox"/>	<input type="checkbox"/>	
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?	<input type="checkbox"/>	<input type="checkbox"/>	
13. a. <u>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?</u>	NO	YES	
	<input type="checkbox"/>	<input type="checkbox"/>	
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?	<input type="checkbox"/>	<input type="checkbox"/>	
If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____ _____ _____			

14. <u>Identify the typical habitat types that occur on, or are likely to be found on the project site</u> Check all that apply: <input type="checkbox"/> Shoreline <input type="checkbox"/> Forest Agricultural/grasslands Early mid-successional <input type="checkbox"/> Wetland <input type="checkbox"/> Urban Suburban											
15. <u>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?</u>	<table border="1"> <tr> <td>NO</td> <td>YES</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>	NO	YES	<input type="checkbox"/>	<input type="checkbox"/>						
NO	YES										
<input type="checkbox"/>	<input type="checkbox"/>										
16. <u>Is the project site located in the 100-year flood plan?</u>	<table border="1"> <tr> <td>NO</td> <td>YES</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>	NO	YES	<input type="checkbox"/>	<input type="checkbox"/>						
NO	YES										
<input type="checkbox"/>	<input type="checkbox"/>										
17. <u>Will the proposed action create storm water discharge, either from point or non-point sources?</u> 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: _____ _____	<table border="1"> <tr> <td>NO</td> <td>YES</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td style="background-color: #cccccc;"></td> <td style="background-color: #cccccc;"></td> </tr> </table>	NO	YES	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
NO	YES										
<input type="checkbox"/>	<input type="checkbox"/>										
<input type="checkbox"/>	<input type="checkbox"/>										
<input type="checkbox"/>	<input type="checkbox"/>										
18. <u>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)?</u> If Yes, explain the purpose and size of the impoundment: _____ _____	<table border="1"> <tr> <td>NO</td> <td>YES</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>	NO	YES	<input type="checkbox"/>	<input type="checkbox"/>						
NO	YES										
<input type="checkbox"/>	<input type="checkbox"/>										
19. <u>Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility?</u> If Yes, describe: _____ _____	<table border="1"> <tr> <td>NO</td> <td>YES</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>	NO	YES	<input type="checkbox"/>	<input type="checkbox"/>						
NO	YES										
<input type="checkbox"/>	<input type="checkbox"/>										
20. <u>Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?</u> If Yes, describe: _____ _____	<table border="1"> <tr> <td>NO</td> <td>YES</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>	NO	YES	<input type="checkbox"/>	<input type="checkbox"/>						
NO	YES										
<input type="checkbox"/>	<input type="checkbox"/>										
<p>I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE</p> <p>Applicant/sponsor/name: _____ Date: _____</p> <p><u>Signature</u>  _____ <u>Title</u>: _____</p>											

Tiana Bay Shellfish and Eelgrass Sanctuary

Location of proposed restoration activities

