



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/CPF

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

Project Proposal Mecox Bay Sensor Installation and Inlet Management
 Project Applicant Board of Trustees for the Freeholders and Commonalty of The Town of Southampton and the Town of Southampton
 Project Title Mecox Bay Inlet Dredging and Sensor Installation

Project Contact Information Board of Trustees for the Freeholders and Commonalty of the Town of Southampton and Town of Southampton
 Project Manager Name c/o Martin E. Shea
 Project Manager Title Chief Environmental Analyst
 Project Manager Affiliation Town of Southampton- Environment Division
 Project Manager Address 116 Hampton Road, Southampton, NY 11968
 Project Manager Phone 631-287-5710
 Project Manager Email MShea@southamptontownny.gov

Property Owner Name Board of Trustees for the Freeholders and Commonalty of the Town of Southampton
 Property Owner Affiliation Town of Southampton
 Property Owner Mailing Address 116 Hampton Road, Southampton, NY 11968
 Property Owner Phone 631-287-5717
 Property Owner Email EWarner@southamptontownny.gov and JDureya@southamptontownny.gov

Project Location Mecox Bay
 Project Location SCTM #(S) 900-396-1-1

Type of Project
 Reduction _____
 Remediation _____
 Restoration Mecox Inlet dredging for the purposes of aquatic habitat restoration.
 Project Summary (2-3 sentences) To dredge Mecox Bay inlet in response to real time water quality data obtained through two (2) water quality sensors installed and maintained by SUNY- Stony Brook's School of Atmospheric and Marine Sciences.

Submittal date July 13, 2018 rev. August 10, 2018



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1. PROJECT TYPE (check all that apply)

Meets at least one of the definitions of "Water Quality Improvement Project" per State Law Chapter 551 cited above

- Wastewater Treatment Improvement Project
- Non-point source abatement and control
- Aquatic habitat restoration
- Pollution prevention
- Stormwater collecting system
- Vessel Pump out station
- Operation of Peconic Bay National Estuary Program (Grant Match)

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

- High
- 303(d) Impaired
- Medium
- Outside High and Medium priority areas*

*Narrative must explain how project is relevant to Water Quality Improvement Project Plan (WQIPP) goals

See "2. Priority Areas" of the attached document.

3. PROJECT DESCRIPTION

- Narrative describes in detail existing conditions of applicable groundwater/sub-watershed/waterbody and includes most recent and relevant data available (provide sources)

See "3. Project Description-Existing Conditions Narrative"

- Photos of exiting conditions are included (Attach Photos)

- Location map is included (Attach Map)

- Narrative describes in detail what the issue is and how the proposed solution addresses the issue in the context of Reduction, Remediation and/or Restoration as per the CPF Water Quality Project Plan

See "3. Project Description-Project Narrative"



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- Narrative describes proposed technology in sufficient detail and includes information on its demonstrated efficacy in similar setting (may include published data) (Attach pages as needed)

See "3. Project Description-Technology Narrative"

- Narrative indicates 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, etc.) (Attach pages as needed)

See "3. Project Goals Narrative"

- A State Environmental Quality Review Act (SEQRA) Long or Short Environmental Assessment Form (EAF) is completed and included with application <https://www.dec.ny.gov/permits/6191.html>

OTHER REQUIRED INFORMATION

- If Stormwater system or Drainage is proposed, the narrative and design specifications indicate compliance with the New York State Stormwater Design Manual (2015 and as updated)
- If project is related to farmland, the narrative addresses any Agricultural Stewardship Plan or other long term strategy for Nitrogen abatement
- If the project is for a municipal facility or infrastructure, information pertaining to Town or Village budgetary allocations for ongoing maintenance is provided
- If the project is for habitat restoration, the narrative addresses 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 for the Peconic Estuary Program, 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



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4. WATER QUALITY BENEFIT

- Yes No N/A Nitrogen, Pathogen or Pollutant of Concern (POC) Existing Condition & Target Reduction is identified
- Yes No N/A Anticipated reduction by proposed technology is provided by utilizing EPA's Spreadsheet Tool for Evaluating Pollutant Load (STEPL) <http://it.tetrattech-ffx.com/steplweb/> or similar standardized methodology (provide)
- Yes No N/A Related to above, the narrative describes how data will be collected and reported over time
- Yes No N/A Narrative indicates how the useful life of the proposed technology will meet or exceed five (5) years
- Yes No N/A A total cost budget is included (see pages 6-7 for template) with a cost-benefit discussion and any details related to matching funds (e.g. in-kind services, pre-and post-monitoring, etc)

5. DURATION OF PROJECT

- Projected timeline is included (described any permits needed and time frame/status of required approvals)
- Narrative explains if project is multi-year or phased and includes budget/milestones for each year and Phase

6. PROJECT READINESS

- Narrative describes current stage of planning (e.g. conceptual, preliminary, full construction documents) and includes conceptual or sketch plans where applicable.
- Narrative describes community support for the project (attach letters of support, public hearing testimony, news coverage, community meeting minutes, other outreach as applicable) or addresses potential community opposition/educational needs.

7. MANAGEMENT, EXPERIENCE, ABILITY

- Narrative describes experience in completing similar projects
- Narrative describes project staffing, oversight and administration
- Narrative describes qualifications of project staff, consultants and contractors (as applicable)
- If Homeowner's Association or other community group, describe formal structure and responsibilities of members involved
- If private property (e.g. farmland), the narrative describes who is being contracted to do the work (qualifications, etc.)

8. REQUIRED CERTIFICATIONS

- Commitment is provided via Letter of Intent (LOI)* for non-municipal entities or adopted resolution for Incorporated Villages *
 Note: A LOI template is provided in the application packet
- Plans stamped by NYS licensed Engineer and/or surveyor, where applicable
- STEPL calculations or equivalent prepared by NYS licensed Engineer, where applicable
- Certify that request for proposed funding is not otherwise required by Local, State or Federal Law and intended benefits cannot be achieved without external funding
- Certify that the application will report on project outcomes, including monitoring results

9. MAINTENANCE, MONITORING & EVALUATION

- A plan related to ongoing maintenance, monitoring and evaluation (reporting to the Town) is provided
- The Monitoring Plan will provide water quality data at regular intervals for a minimum of five (5) years

10. EDUCATIONAL COMPONENT

- The project sponsor will erect signage displaying the intent and benefit of the project on site
- As part of the evaluation, the project sponsor will submit a write-up of lessons learned and future needs

Alternative Budget No. 1



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**COMMUNITY PRESERVATION FUND (CPF)
 WATER QUALITY IMPROVEMENT PROGRAM
 BUDGET PROPOSAL**

PLANNING/ENGINEERING/DESIGN	Town CPF Re- quest	Matching Funds Committed	Matching Funds Pending	Estimated Total Project Costs
In-house labor (provide separate sheet with calculations)				
Task 1-	\$-	\$-	\$-	\$-
Task 2-	\$-	\$-	\$-	\$-
Task 3-	\$-	\$-	\$-	\$-
Task 4-	\$-	\$-	\$-	\$-
Task 5-	\$-	\$-	\$-	\$-
Task 6-	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
In House Labor Total	\$-0	\$-0	\$-0	\$-0

Materials/Supplies				
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
Materials/Supplies Total	\$-0	\$-0	\$-0	\$-0

Contractual Services				
Dredging (for 1 year)	\$- 75000	\$-	\$-	\$-
Design, Fabricate, Install Two Monitoring Stations in Mecox	\$- 103139	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
Contractual Services Total	\$- 178139	\$-0	\$-0	\$-0



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CONSTRUCTION AND SITE IMPROVEMENTS	Town CPF Request	Matching Funds Committed	Matching Funds Pending	Estimated Total Project Costs
In-house labor (provide separate sheet with calculations)				
Task 1- Provide Boat Operator- 15/year, 3hours/event (75 person hours/year for 5 years)	\$-	\$- 17500	\$-	\$-
Task 2-	\$-	\$-	\$-	\$-
Task 3-	\$-	\$-	\$-	\$-
Task 4-	\$-	\$-	\$-	\$-
Task 5-	\$-	\$-	\$-	\$-
Task 6-	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
In House Labor Total	\$-0	\$- 17500	\$-0	\$-0

Equipment/Materials/Supplies				
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
Equipment/Materials/Supplies Total	\$-0	\$-0	\$-0	\$-0

Contractual Services				
Monitoring/Maintenance of Tow Monitoring Stations in Mecox for 5 years	\$- 141600	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
Contractual Services Total	\$- 141600	\$-0	\$-0	\$-0

ENGINEERING TOTAL	\$- 319739	\$- 17500	\$-0	\$-0
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Total Project Cost	\$- 337239
Total CPF Funds Requested	\$- 319739

Applicant matching funds committed	\$- 17500
Applicant matching funds pending approval (e.g. grant request submitted pending determination)	\$-

Source of matching funds	Amount
Board of Trustees Budget	17500

Alternative Budget No. 2



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**COMMUNITY PRESERVATION FUND (CPF)
 WATER QUALITY IMPROVEMENT PROGRAM
 BUDGET PROPOSAL**

PLANNING/ENGINEERING/DESIGN	Town CPF Re-quest	Matching Funds Committed	Matching Funds Pending	Estimated Total Project Costs
In-house labor (provide separate sheet with calculations)				
Task 1-	\$-	\$-	\$-	\$-
Task 2-	\$-	\$-	\$-	\$-
Task 3-	\$-	\$-	\$-	\$-
Task 4-	\$-	\$-	\$-	\$-
Task 5-	\$-	\$-	\$-	\$-
Task 6-	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
In House Labor Total	\$-0	\$-0	\$-0	\$-0

Materials/Supplies				
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
Materials/Supplies Total	\$-0	\$-0	\$-0	\$-0

Contractual Services				
Design, Fabricate, Install Two Monitoring Stations in Mecox	\$- 103139	\$-	\$-	\$-
Dredging (average cost of \$75,000 x 5 years)	\$- 375000	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
Contractual Services Total	\$- 478139	\$-0	\$-0	\$-0



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CONSTRUCTION AND SITE IMPROVEMENTS	Town CPF Request	Matching Funds Committed	Matching Funds Pending	Estimated Total Project Costs
In-house labor (provide separate sheet with calculations)				
Task 1- n/a	\$-	\$-	\$-	\$-
Task 2- n/a	\$-	\$-	\$-	\$-
Task 3- Provide boat operator - 15 times/year, 3 hours each event (75 person hours/year for 5 years)	\$-	\$- 17500	\$-	\$-
Task 4-	\$-	\$-	\$-	\$-
Task 5-	\$-	\$-	\$-	\$-
Task 6-	\$-	\$-	\$-	\$-
In House Labor Total	\$- 0	\$- 17500	\$- 0	\$- 0

Equipment/Materials/Supplies				
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
Equipment/Materials/Supplies Total	\$- 0	\$- 0	\$- 0	\$- 0

Contractual Services				
Monitoring/Maintenance of Two Monitoring Stations in Mecox for 5 years	\$- 141600	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
	\$-	\$-	\$-	\$-
Contractual Services Total	\$- 141600	\$- 0	\$- 0	\$- 0

ENGINEERING TOTAL	\$- 619739	\$- 17500	\$- 0	\$- 0
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Total Project Cost	\$- 637239
Total CPF Funds Requested	\$- 619739

Applicant matching funds committed	\$- 17500
Applicant matching funds pending approval (e.g. grant request submitted pending determination)	\$-

Source of matching funds	Amount
Board of Trustees Budget	17500