INCORPORATED VILLAGE OF NORTH HAVEN

RYDER'S POND STORMWATER RUNOFF AND RAIN GARDEN PROJECT

SUNSET BEACH ROAD & BARCLAY DRIVE, SAG HARBOR, NEW YORK

RG Project No. 3700.02

March 2024

TOWN OF SOUTHAMPTON

SUFFOLK COUNTY, NEW YORK

TOWN OF SOUTHAMPTON
COMMUNITY PRESERVATION FUND
GRANT APPLICATION

Prepared for:

Incorporated Village of North Haven
335 Ferry Road
Sag Harbor, New York 11963
Phone (631) 725-1378
Fax (631) 725-1120

Prepared By:

The Raynor Group, P.E. & L.S. PLLC
Civil Engineers & Land Surveyors
860 Montauk Highway
P.O. Box 720
Water Mill, New York 11976
Phone (631) 726-7600
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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: Inc Village of North Haven
Project Name: Ryders Pond

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: _____
Project Title: Ryders Pond Stormwater Runoff and Rain Garden Project
Project Manager Name: Terie Diat, Village Trustee
Entity Anticipating Grant and Funding: Incorporated Village of North Haven

Name	Beth Kamper
Title	Village Clerk - Treasurer
Organization	Incorporated Village of North Haven
Address	335 Ferry Road, Sag Harbor, NY 11963
Phone	(631) 725-1378
Email	bkamper@northhavenvillage.org, tdiat@northhavenvillage.org

Property owner (if different from Project manager organization):

Name	
Affiliation	
Organization	
Address	
Phone	
Email	

Project Address: Ryders Pond, Sunset Beach Road, North Haven SCTM #(S) 901-4-4-14

Type of Project (Check all that apply):

☑ Reduction ☑ Remediation ☐ Restoration

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

This project proposes to install a rain garden at the corner of Barclays Drive and Sunset Beach Road in the Village of North Haven to address storm water runoff into Ryders Pond. The project will improve water quality by removing nutrients, oils, sediment, and pesticides from road runoff prior to stormwater discharge into Ryders Pond. The bio-infiltration areas will reduce non-point pollution by filtering the road runoff while creating a natural aesthetically pleasing view. Plantings will consist of Long Island native plants.

These improvements will maximize opportunities to leverage the multiple benefits of green stormwater infrastucture, provide highly visible innovative stormwater management practices, and build capacity to construct and maintain green stormwater infrastructure.

Ryders Pond is immediately adjacent to three parcels that are a combined 25 acres of land that have previously been preserved by CPF and is known as Cilli Field and is also currently under development in North Haven as Lovelady Park. The bio-retention area will contain erosion control matting, native plantings and specialized soil mixes to treat, absorb, and convey stormwater runoff before entering the Pond.

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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
- [x] 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
- [x] Outside High and Medium priority areas*

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

Designated on TOSH 2016 WQIPP map as Protected Public Parcels. Ryders Pond is an important public waterbody in North Haven.

3. PROJECT DESCRIPTION

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

Ryders Pond is land locked with no means of flushing. While no water quality testing has been performed at this location, it likely has high levels of pollutants.

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.

The proposed project seeks to reduce non-point source contaminants found in stormwater from entering the nearby pond. Remediation of contaminants will occur on-site and landward of the waterway, prolonging contaminant absorption, increasing toxin removal, and improving water infiltration.

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

Bioretention systems, also known as bioinfiltration areas, rain gardens, bioswales, recharge gardens are recognized by the NYSDEC as practices that are effective at removing pollutants from stormwater and reducing stormwater runoff. Natural plants and vegetation are designed to mimic natural ecosystems. This makes the system resistant to pollution, disease, insects and extreme climatic events.

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).

The TOS WQIPP indicates that stormwater collection initiatives meet the definition of a 'water quality improvement project.' The Stormwater BMP is within the category of mitigation initiatives for nitrogen pollution (p. 21). The project aligns with the LINAP Action Plan scope, which discusses the benefits of bioretention on page 31, Section 6.13.

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.

POC reduction estimates were prepared using the EPA Spreadsheet Tool for Reducing Pollutant Load. The 1,050 cubic feet of bioswales are designed to capture the water quality volume of water from 9,700 square feet of roadway. The water quality volume is the 1.2" - 24 hour storm event. Please see the PLET spreadsheet in Appendix D for reductions in POCs.

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

The Village will continue to work with it's consulting engineers for ongoing water quality monitoring.

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

The expected useful life of the proposed technology is 50-200 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.

The proposed budget was developed by The Raynor Group, P.E. & L.S. PLLC. The Raynor Group has extensive knowledge in preparing construction estimates for various projects. The project cost is estimated using knowledge of current market conditions.

5b. Describe any matching funds to be provided.

No matching funds are proposed. The Village currently has an annual budget of $30,000 for water quality improvement initiatives, the majority of which are spent on testing with Dr. Gobler's lab. The remainder of the budget is spent on community outreach. No further funds are available.

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.

The project cannot proceed without the requested funding as there are presently no public or private funds available to undertake the critically needed remediation to improve the water quality of Ryders Pond. Cost overruns are not anticipated. The Village Engineer will monitor the construction to address any changes or budget variances.

6. MANAGEMENT, EXPERIENCE, ABILITY

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

The Village of North Haven retains The Raynor Group, P.E. & L.S. PLLC as the Village Engineer. They have prepared the proposed project design and will assist with the required permitting work as well as assisted with preparing the subject Grant Application. The Raynor Group has over 30 years experience in the design of municipal projects.

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

The community is wholly supportive of these types of environmental projects as they understand and value clean water. The public will be informed of the project via our monthly North Haven Newsletter and be given an opportunity to comment at monthly Board of Trustee meetings.

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

NYSDEC Freshwater Wetlands approval is required. NYSDEC approval will be secured during the spring of 2025.

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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.

Maintenance is required for all green infrastructure practices to maintain the functionality of the bioswale. Maintenance shall be monthly in the first year after installation, bi-monthly in years two and three, and annually from year three and beyond. The Village has existing staff and a maintenance budget that will be used for maintenance activities and will be incorporated into the routine maintenance schedule. The bioswale is considered to be functioning if no water is present one to two days after a rainfall event. Maintenance activities include mulching, edging, watering, weeding and plant replacement.

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 Village engineer will conduct a survey and have test borings performed in the March 2025 to provide technical information. The technical information will be used to create concept plans in the April 2025. Once concept plans are prepared, the Village Engineer will prepare construction documents and a bid package in July 2025. Construction of the project would commence November 2025 and be completed before December 2025.

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

N/A

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. .
- ☑ I authorize the subject property to be inspected by Town Personnel.

Signature: Jessica L Daly Date 3-11-2024

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

11. 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.

12. 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 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) July 2025.

PLANNING/ENGINEERING/DESIGN	Town CPF Request	Matching Funds Committed	Matching Funds Pending	Estimated Total Project Costs
Task 1-Survey and Mapping	$-3,500.00	$-	$-	$-3,500.00
Task 2-Construction Drawings, Details & Specifications	$-4,000.00	$-	$-	$-4,000.00
Task 3-Prepare Bid Document and Public Letting	$-3,000.00	$-	$-	$-3,000.00
Task 4-	$-	$-	$-	$-0.00
Task 5-	$-	$-	$-	$-0.00
Task 6-	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
Planning/Engineering/Design Cost Total	$-10,500.00	$-0.00	$-0.00	$-10,500.00

Contractual Services				
Maintenance of Bioretention Facility (Semi-Annually)	$-2,500.00	$-	$-	$-2,500.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
Contractual Services Cost Total	$-2,500.00	$-0.00	$-0.00	$-2,500.00

Construction & Site Improvements				
	$-	$-	$-	$-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
See Attached Construction Estimate	$-21,510.00	$-	$-	$-21,510.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
				$ 0.00
				$ 0.00
				$ 0.00
				$ 0.00
				$ 0.00
				$ 0.00
				$ 0.00
				$ 0.00
Equipment/Materials/Supplies Total	$-21,510.00	$0.00	$-0.00	$-21,510.00

Additional Cost				
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
Additional Cost Total	$-0.00	$-0.00	$-0.00	$-0.00

Planning/Engineering/Design Cost Total (from page 7)	$-10,500.00	$-0.00	$-0.00	$-10,500.00

Total Project Cost	$-34,510.00
Applicant matching funds committed	$-0.00
Applicant matching funds pending approval (e.g. grant request submitted pending determination)	$-0.00
Total CPF Funds Requested	$-34,510.00

Source of matching funds	Amount

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2024

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

APPLICANT'S INFORMATION

Owner: Incorporated Village of North Haven
Contact First and Last Name: Beth Kamper
Contact Address: 335 Ferry Road, Sag Harbor, NY 11963
Contact Phone: (631) 725-1378
Contact Email: bkamper@northhavenvillage.org, tdiat@northhavenvillage.org

CONTRACT RECIPIANT INFORMATION

Name/Organization: Incorporated Village of North Haven
Contact Person/Officer: Terie Diat, Village Trustee
Contact Address: 335 Ferry Road, Sag Harbor, NY 11963
Contact Phone: (631) 725-1378, (516) 606-2600 (cell)
Contact Email: tdiat@northhavenvillage.org

PROJECT INFORMATION

Project Title: Ryders Pond Stormwater Runoff and Rain Garden Project
Project Location: Ryders Pond, Sunset Beach Road, North Haven
Project Description (1-3 sentences):

The Village of North Haven will install a bioswale and rain garden along the public right of way of Village roads adjacent to Ryder's Pond. The project will improve water quality by removing nutrients, oils, sediments, and pesticides from road runoff prior to stormwater discharge in Ryder's Pond.

ANTICIPATED PROJECT TIMELINE

Begin: March 2025
Complete: December 2025
Notes:

Appendix A

Proposed Project Plan

IMPERVIOUS AREA
AREA = 9,700 SF

BIOSWALE AREA
AREA = 700 SF

STORAGE VOLUME CALCULATIONS

IMPERVIOUS AREA	= 9,700 SF
RUNOFF COEFFICIENT	= 0.98 (ASPHALT)
WATER QUALITY VOLUME	= 1.2 INCHES
REQUIRED STORAGE VOLUME	= 9,700 SF X 0.1 FEET X 0.98
	= 950.6 CF REQUIRED

PROPOSED BIOSWALE AREA

AREA	= 700 SF
PONDING DEPTH	= 18 INCHES
BIOSWALE VOLUME	= 1,050 CF PROVIDED

0 40 80 120

SCALE: 1"=40'

DATE	BY	DESCRIPTION	APPRVD

REVISIONS

INCORPORATED VILLAGE OF NORTH HAVEN

335 FERRY ROAD
SAG HARBOR, N.Y. 11963

WATER QUALITY IMPROVEMENT PROJECT

BARCLAY DRIVE & SUNSET BEACH ROAD, VILLAGE OF NORTH HAVEN

RYDER'S POND

THE RAYNOR GROUP, P.E. & L.S. PLLC
SURVEYORS CIVIL ENGINEERS SITE PLANNERS
DEERFIELD GREEN P.O.BOX. 720
WATER MILL, NY 11976 (631)726- 7600

DESIGNED BY:	VAG	SCALE: 1" = 40'	DWG. NO. SK-1
DRAWN BY:	RCW	DATE: 03/08/2024	
APPROVED BY:	VAG	FILE NO.: 3700.02	

VINCENT A. GAUDIELLO
PROFESSIONAL ENGINEER NO. 073544

Appendix B

Existing Conditions Photos

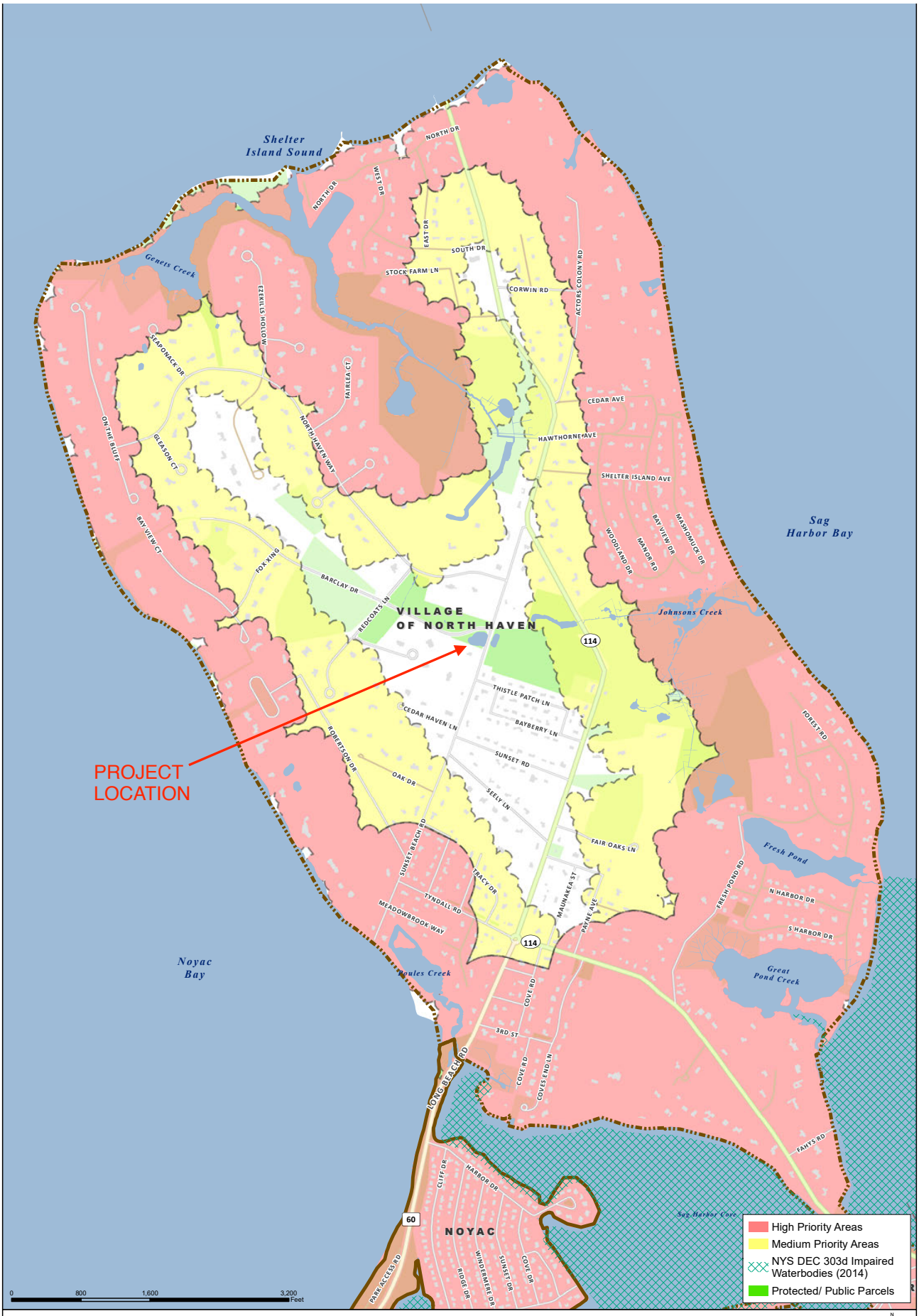

Feb 29, 2024 at 8:39:08 AM
Sunset Beach Rd, Suffolk County
20


Feb 29, 2024 at 8:39:10 AM
Sunset Beach Rd, Suffolk County


Feb 29, 2024 at 8:39:50 AM
Sunset Beach Rd, Suffolk County

Appendix C

Location Map



Town of Southampton CPF Water Quality Improvement Project Plan

VILLAGE OF NORTH HAVEN

Appendix D

EPA Spreadsheet Tool for Evaluating Pollutant Load

Total load by subwatershed(s)

Watershed	N Load (no BMP)	P Load (no BMP)	BOD Load (no BMP)	Sediment Load (no BMP)	E. coli Load (no BMP)	N Reduction	P Reduction	BOD Reduction	Sediment Reduction	E. coli Reduction	N Load (with BMP)	P Load (with BMP)	BOD (with BMP)	Sediment Load (with BMP)	E. coli Load (with BMP)	%N Reduction	%P Reduction	%BOD Reduction	%Sed Reduction	%E. coli Reduction
	lb/year	lb/year	lb/year	t/year	Billion MPN/y	lb/year	lb/year	lb/year	t/year	Billion MPN/y	lb/year	lb/year	lb/year	t/year	Billion MPN/y	%	%	%	%	%
W1	4.98	0.84	15.40	0.13	0.00	2.13	0.67	0.00	0.00	0.00	2.85	0.17	15.40	0.13	0.00	42.75	79.78	0.00	0.00	0.00
Total	4.98	0.84	15.40	0.13	0.00	2.13	0.67	0.00	0.00	0.00	2.85	0.17	15.40	0.13	0.00	42.75	79.78	0.00	0.00	0.00

Appendix E

State Environmental Quality Review Act (SEQRA)
Short Environmental Assessment Form (EAF)

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:
Village of North Haven Stormwater Treatment Improvement Project

Project Location (describe, and attach a location map):
Ryders Pond, Sunset Beach Road, Village of North Haven

Brief Description of Proposed Action:
This project proposes to install a rain garden at the corner of Barclays Drive and Sunset Beach Road in the Village of North Haven to address storm water runoff into Ryders Pond. The project will improve water quality by removing nutrients, oils, sediment, and pesticides from road runoff prior to stormwater discharge into Ryders Pond. The bio-infiltration areas will reduce non-point pollution by filtering the road runoff while creating a natural aesthetically pleasing view. Plantings will consist of Long Island native plants.

Name of Applicant or Sponsor:	Telephone:
Incorporated Village of North Haven **Terie Diat, Village Trustee - Project Manager**	**631-725-1378** E-Mail: **tdiat@northhavenvillage.org**

Address:
335 Ferry Road

City/PO:	State:	Zip Code:
Sag Harbor	**New York**	**11963**

	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: **Town of Southampton CPF Water Quality Improvement Program**	☐	☑

3. a. Total acreage of the site of the proposed action? **0.016** acres
   b. Total acreage to be physically disturbed? **0.016** acres
   c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? **1.01** 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? **N/A**		
If the proposed action will exceed requirements, describe design features and technologies:	☐	☐
_____		
_____		

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

	NO	YES
11. Will the proposed action connect to existing wastewater utilities? **N/A**		
If No, describe method for providing wastewater treatment: _____	☐	☐
_____		

	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: _____		
_____		
_____		

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: **Terie Diat** Date: 3/11/24

Signature: Terie Diat Title: **Village Trustee - Project Manager**

PRINT FORM

Agency Use Only [If applicable]

Project:	Stormwater Treatment Improvement Project - Ryders Pond Sunset Beach Rd
Date:	March 8, 2024

Short Environmental Assessment Form
Part 2 - Impact Assessment

Part 2 is to be completed by the Lead Agency.
Answer all of the following questions in Part 2 using the information contained in Part 1 and other materials submitted by the project sponsor or otherwise available to the reviewer. When answering the questions the reviewer should be guided by the concept "Have my responses been reasonable considering the scale and context of the proposed action?"

	No, or small impact may occur	Moderate to large impact may occur
1. Will the proposed action create a material conflict with an adopted land use plan or zoning regulations?	☑	☐
2. Will the proposed action result in a change in the use or intensity of use of land?	☑	☐
3. Will the proposed action impair the character or quality of the existing community?	☑	☐
4. Will the proposed action have an impact on the environmental characteristics that caused the establishment of a Critical Environmental Area (CEA)?	☑	☐
5. Will the proposed action result in an adverse change in the existing level of traffic or affect existing infrastructure for mass transit, biking or walkway?	☑	☐
6. Will the proposed action cause an increase in the use of energy and it fails to incorporate reasonably available energy conservation or renewable energy opportunities?	☑	☐
7. Will the proposed action impact existing: a. public / private water supplies?	☑	☐
b. public / private wastewater treatment utilities?	☑	☐
8. Will the proposed action impair the character or quality of important historic, archaeological, architectural or aesthetic resources?	☑	☐
9. Will the proposed action result in an adverse change to natural resources (e.g., wetlands, waterbodies, groundwater, air quality, flora and fauna)?	☑	☐
10. Will the proposed action result in an increase in the potential for erosion, flooding or drainage problems?	☑	☐
11. Will the proposed action create a hazard to environmental resources or human health?	☑	☐

PRINT FORM

Agency Use Only [If applicable]

Project: Stormwater Treatment Improvement Project - Ryders Pond Sunset Beach

Date: March 8, 2024

Short Environmental Assessment Form
Part 3 Determination of Significance

For every question in Part 2 that was answered "moderate to large impact may occur", or if there is a need to explain why a particular element of the proposed action may or will not result in a significant adverse environmental impact, please complete Part 3. Part 3 should, in sufficient detail, identify the impact, including any measures or design elements that have been included by the project sponsor to avoid or reduce impacts. Part 3 should also explain how the lead agency determined that the impact may or will not be significant. Each potential impact should be assessed considering its setting, probability of occurring, duration, irreversibility, geographic scope and magnitude. Also consider the potential for short-term, long-term and cumulative impacts.

The Board of Trustees of the Village of North Haven has determined that the installation of a rain garden area on Village owned property at the corner of Barclays Drive and Sunset Beach Road to treat absorb and convey stormwater runoff before it enters Ryders Pond will not have an adverse impact on the environment and that installing a rain garden/bio-filtration area will, in fact, result in a beneficial impact on the environment by removing contaminants typically found in stormwater runoff while creating a natural aesthetically pleasing view. Therefore, a Negative Declaration pursuant to SEQRA has been adopted.

☐ Check this box if you have determined, based on the information and analysis above, and any supporting documentation, that the proposed action may result in one or more potentially large or significant adverse impacts and an environmental impact statement is required.

☑ Check this box if you have determined, based on the information and analysis above, and any supporting documentation, that the proposed action will not result in any significant adverse environmental impacts.

Village of North Haven Board of Trustees	**March 11, 2024**
Name of Lead Agency	Date
Chris Fiore	**Mayor**
Print or Type Name of Responsible Officer in Lead Agency	Title of Responsible Officer
Signature of Responsible Officer in Lead Agency	Signature of Preparer (if different from Responsible Officer)

PRINT FORM

Appendix F

Village of North Haven Resolution

Village of North Haven

335 Ferry Road
Sag Harbor, New York 11963

Phone: 631-725-1378 Fax: 631-725-1120

RESOLUTION 2 – MARCH 2024

INCORPORATED VILLAGE OF NORT HAVEN RESOLUTION SUPPORTING WATER QUALITY IMPROVEMENT PROJECTS TO REDUCE POLLUTANTS IN LOCAL PONDS AND CREEKS

Whereas, the Board of Trustees of the Incorporated Village of North Haven support of any actions that reduces the amount of pollutants that infiltrate any and all local ponds, creeks, bays, and aquifer systems; and

Therefore, Be it Resolved that the Board of Trustees of the Village of North Haven, at its meeting held on March 11, 2024, hereby approves the installation of three (3) water quality improvement projects. The project locations are Short Beach Road/Polles Creek, Fresh Pond Road and Ryders Pond; and

Be it further Resolved, that the Board of Trustees authorizes the submission of three (3) separate grant applications under the 2024 Town of Southampton Community Preservation Fund Water Quality Improvement Program to support the construction and maintenance costs associated with each project.

Motion Made By: Trustee Diat
Motion Seconded By: Mayor Fiore

All in favor motion so carried.

Beth M. Kamper, Clerk-Treasurer

March 11, 2024

Village of North Haven

335 Ferry Road
Sag Harbor, New York 11963

Phone: 631-725-1378 Fax: 631-725-1120

RESOLUTION 5 – MARCH 2024

INCORPORATED VILLAGE OF NORTH HAVEN AUTHORIZING A NEGATIVE DECLARATION FOR THE APPLICATION TO TOWN OF SOUTHAMPTON COMMUNITY PRESERVATION FUND (CPF) WATER QUALITY IMPROVEMENT PROGRAM

Whereas, the Village of North Haven is applying for funding to the Town of Southampton 2024 Community Preservation Fund under the Water Quality Improvement Program for a water quality initiative project at Ryders Pond; and

Whereas, the Village Board has reviewed the provisions of the New York State Environmental Quality Review Act (SEQRA), as related to the proposed action: and

Whereas, the proposed action is classified as an Unlisted Action; and

Whereas, the Village Board has conducted a review of the information contained in the SEQRA documentation consisting of a Short Environmental Assessment Form (SEAF) prepared by The Raynor Group, P.E. & L.S. PLLC; and

Whereas, the potential impacts and the magnitude and importance of potential impacts and benefits have been considered and a Negative Determination was recommended; and

Now, Therefore, Be It Resolved, the Village Trustees hereby adopts a Negative Declaration pursuant to the State Environmental Quality Review Act for the application to the Town of Southampton Community Preservation Fund (CPF) Water Quality Improvement Program.

Motion Made By: Trustee Skilbred
Motion Seconded By: Mayor Fiore

All in favor motion so carried.

Beth M. Kamper, Clerk-Treasurer

March 11, 2024

Appendix G

Recommended Native Plants

Village of North Haven
Recommended Native Plants

NATIVE TREES

- ☐ American Beech *(Fagus grandifolia)*
- ☐ American Holly *(Ilex opaca)*
- ☐ American Hornbeam *(Carpinus caroliniana)*
- ☐ American Linden *(Tilia Americana)*
- ☐ Atlantic White Cedar *(Chamaecyparis thyoides)*
- ☐ Black Cherry *(Prunus serotina)*
- ☐ Black Oak *(Quercus velutina)*
- ☐ Black Birch *(Betula lenta)*
- ☐ Black Gum *(Nyssa sylvatica)*
- ☐ Chestnut Oak *(Quercus prinus)*
- ☐ Common Adler *(Alnus serrulata)*
- ☐ Eastern Red Cedar *(Juniperus virginiana)*
- ☐ Flowering Dogwood (Cornus florida)
- ☐ Gray Birch *(Betula populifolia)*
- ☐ Hackberry *(Celtis occidentalis)*
- ☐ Hawthorne *(Crataegus crusgalli)*
- ☐ Ironwood (*Carpinus caroliniana)*
- ☐ Persimmon *(Diospyros virginiana)*
- ☐ Pighut Hickory *(Carya glabra)*
- ☐ Pitch Pine *(Pinus rigida)*
- ☐ Post Oak *(Quercus stellata)*
- ☐ Quaking Aspen *(Populus tremuloides)*
- ☐ Red Oak *(Quercus rubra)*
- ☐ Red Maple *(Acer rubrum)*
- ☐ Sassafras *(Sassafras albidum)*
- ☐ Scarlet Oak *(Quercus coccinea)*
- ☐ Shadbush *(Amelanchier canadensis)*
- ☐ Speckled Alder (*Alnus rugosa*)
- ☐ Swamp Magnolia (*Magnolia virginiana*)
- ☐ Swamp White Oak (*Quercus bicolor*)
- ☐ Sweet Bay Magnolia (*Magnolia virginiana*)
- ☐ Sweet Gum (*Liquidambar styraciflua*)
- ☐ Tulip Tree (*Lirodendron tulipifera*)
- ☐ White Oak (*Quercus alba*)
- ☐ White Ash (*Fraxinus americana*)
- ☐ Witch Hazel (*Hamamelis virginiana*)

NATIVE SHRUBS

- ☐ American Elder *(Sambucus canadensis)*
- ☐ Arrowwood *(Viburnum dentatum)*
- ☐ Bayberry *(Myrica pensylvanica)*
- ☐ Black Chokeberry *(Aronia melanocarpa)*
- ☐ Black Haw *(Viburnum prunifolium)*
- ☐ Black Huckleberry *(Gaylussacia baccata)*
- ☐ Fetterbush *(Leucothoe racemosa)*
- ☐ Highbush Blueberry *(Vaccinium corymbosum)*
- ☐ Inkberry *(Ilex glabra)*
- ☐ Maleberry *(Lyonia ligustrina)*
- ☐ Maple-leafed Viburnum *(Viburnum acerifolium)*
- ☐ Mountain Laurel *(Kalmia latifolia)*
- ☐ Nannyberry *(Viburnum lentago)*
- ☐ Northern Arrowwood *(Viburnum recognitum)*
- ☐ Pasture Rose *(Rosa virginiana)*
- ☐ Pussy Willow *(Salix discolor)*
- ☐ Red Chokeberry *(Aronia arbutifolia)*
- ☐ Scrub Oak *(Quercus ilicifolia)*
- ☐ Shadbush *(Amelanchier canadensis)*
- ☐ Shining Sumac *(Rhus copallina)*
- ☐ Sheep Laurel *(Kalmia angustifolia)*
- ☐ Steeplebush *(Spirea latifolia)*
- ☐ Staggerbush *(Lyonia mariana)*
- ☐ Swamp Rose *(Rosa palustris)*

Last Revised April 15, 2019

NATIVE SHRUBS (Continued)

- ☐ Swamp Azalea *(Rhododendron viscosum)*
- ☐ Sweetfern *(Comptonia peregrina)*
- ☐ Sweet Pepperbush *(Clethra alnifolia)*
- ☐ Spicebush *(Lindera benzoin)*
- ☐ Virginia Rose *(Rosa virginiana)*
- ☐ Winterberry *(Ilex verticillata)*
- ☐ Witherod *(Viburnum nudum)*

NATIVE GRASSES, WILDFLOWERS, GROUNDCOVERS, ETC.

- ☐ Blue-eyed Grass *(Sisyrunchium angustifolium)*
- ☐ Bluestem Grass (*Andropogon scoparium)*
- ☐ Broom Sedge *(Andropogon virginicus)*
- ☐ Bearberry *(Arctostaphylos uva-ursi)*
- ☐ Beebalm *(Monarda didyma)*
- ☐ Bergamot *(Monarda fistulosa)*
- ☐ Butterfly Weed *(Asclepias tuberosa)*
- ☐ Blazing Star *(Liatris spicata)*
- ☐ Blue Lupine *(Lupinus perennis)*
- ☐ Birds Foot Violet (*Viola pendata*)
- ☐ Bracken Fern (*Pteridium aguilinum)*
- ☐ Canada Mayflower (*Maianthenum canadense)*
- ☐ Cardinal Flower (*Loberlia cardinalis)*
- ☐ Common Hairgrass (*Deschampsia flexuosa)*
- ☐ Cinnamon Fern (*Osmunda cinnamomea)*
- ☐ Golder Heather (*Hudsonia ericoides)*
- ☐ Horsemint (*Monarda punctate)*
- ☐ Hay-scented Fern *(Dennstaedtia punctiolobula)*
- ☐ Lowbush Blueberry *(Vaccinium angustifolium)*
- ☐ New England Aster *(Aster novae-angliae)*
- ☐ New York Aster *(Aster novi-belgii)*
- ☐ New York Fern (*Dryopteris cristata)*
- ☐ NY Ironweed (*Vernonia noveboracensis)*
- ☐ Pennsylvania Sedge (*Carex pensylvanica)*
- ☐ Royal Fern (*Osmunda regalis)*
- ☐ Sensitive Fern (*Onoclea sensibilis)*
- ☐ Stiff Aster (*Aster linariifolius)*
- ☐ Sweet Goldenrod (*Solidago odora)*
- ☐ Trailing Arbutus (*Epigaea repens)*
- ☐ Wild Indigo (*Baptista tinctorial)*
- ☐ Wintergreen (*Gaultheria procumbens)*
- ☐ Wild Columbine (*Aguilegia canadensis)*
- ☐ Wild Geranium (*Geranium maculatum)*

Appendix H

Budget Estimate

INCORPORATED VILLAGE OF NORTH HAVEN

RYDERS POND STORMWATER RUNOFF RAIN GARDEN (BIOSWALE) WATER QUALITY IMPROVEMENT PROJECT

Construction and Maintenance Cost Estimate

Description of Item	Unit of Measurement	Estimated Quantity	Estimated Unit Cost	Extended Amount
Site Preparation including Clearing & Grubbing	LS	1	$2,500.00	$2,500.00
Unclassified Excavation (Unsuitable Subgrade Soils for Drainage)	CY	70	$30.00	$2,100.00
Pea Gravel	CY	7	$110.00	$770.00
Crushed Gravel	CY	42	$85.00	$3,570.00
Mulch	CY	7	$85.00	$595.00
Planting Soil	CY	35	$55.00	$1,925.00
Grading, Furnish & Spread Topsoil and Seed	SY	25	$18.00	$450.00
Filter Fabric	SF	700	$3.00	$2,100.00
Bioretention Plantings	LS	1	$7,500.00	$7,500.00
Maintenance/Cleaning of Bioretention Facility (Semi-Annual)	LS	2	$1,250.00	$2,500.00
TOTAL ESTIMATED CONSTRUCTION & MAINTENANCE COST				$24,010.00

Prepared 03/08/24 by The Raynor Group, P.E. & L.S., PLLC

Appendix I

Letters of Support

Village of North Haven

335 Ferry Road
Sag Harbor, New York 11963

Phone: 631-725-1378 Fax: 631-725-1120

March 15, 2024

Ms. Maria Moore, Supervisor
Town of Southampton
116 Hampton Road
Southampton, New York 11968

Re: Community Preservation Fund – Water Quality Improvement Projects

Dear Supervisor Moore and Town Councilmen & Councilwoman,

I am writing to you on behalf of the North Haven Village Water Quality Improvement Committee to support the three 2024 CPF applications from North Haven Village Hall for water quality improvements. These applications support our overall plan in North Haven to improve water quality in our ponds, creeks, bays and aquifers.

The 2024 applications submitted are for stormwater infrastructure improvement on Fresh Pond Road to mitigate pollutants in Great Salt Pond and Fresh Pond, a stormwater runoff and rain garden installation to improve water quality in Ryders Pond and a bioswale project on Short Beach Road to mitigate stormwater runoff into Polles Creek. All of these waterbodies – Great Salt Pond, Fresh Pond, Ryders Pond and Polles Creek are important natural resources that have been enjoyed by generations of families on North Haven, and that we seek to protect and improve for future generations. Great Salt Pond, Fresh Pond and Polles Creek are currently impaired as demonstrated by water quality testing performed by Dr. Christopher Gobler's lab at Stony Brook University School of Marine and Atmospheric Sciences.

Our Committee formed in 2022 with the objectives to establish a plan to measure the water quality in our creeks, coves, ponds and shoreline and to define the actions that can be taken to address and mitigate the causes of pollution. The Committee also desires to raise the awareness of the community on the importance of clean water quality initiatives and actions. Since our establishment, our Committee has formed strong partnerships with the Peconic Estuary Partnership and Dr. Chris Gobler, Stony Brook

School of Marine and Atmospheric Sciences. We have begun tracking the number of I/A septic systems installed and in-progress in North Haven.

In 2023 a CPF grant was approved for the installation of an I/A sanitary system at Village Hall. The system will be installed in 2024 and will set the example for the North Haven Community.

Following are the 2023/2024 North Haven Village Water Quality Improvement Committee's Program & Accomplishments:

1. **EDUCATION & ENGAGEMENT OF RESIDENTS**
    a. Innovative/Alternative Septic Systems & Grants Available to Homeowners
        - Presentation delivered in 2023 by Peconic Estuary Partnership & SCDOH on impact on water quality of traditional cesspool septic systems
            - Recording available on Village Website
        - Grant Information on Village Website & at Village Hall
        - Track # of I/A systems in the Village
        - Focused mailing to be sent to waterfront homeowners in 2024
    b. Impact of Fertilization on Water Quality
        - Presentation delivered in 2023 by Edwina Von Gal, Perfect Earth Project, on fertilization alternatives
            - Recording available on Village website
        - Committee currently researching legislative ban on fertilization
2. **PECONIC BLUE CARBON PILOT**
    a. Village of North Haven is supporting Dr. Gobler and Stony Brook University and PEP by participating in pilot activities
        - Summer/Fall 2023 – water quality testing, bottom mapping
        - Winter/Spring 2024 – kelp lines
3. **VILLAGE INFRASTRUCTURE PROJECTS**
    a. Identify with Village Engineer infrastructure projects within the Village to improve storm water runoff
    b. Apply for CPF water quality improvement program funds to support costs
4. **ENFORCEMENT OF VILLAGE VEGETATED BUFFER CODE**
    a. Initiate a focused effort to enforce zoning code section 163-20 regarding vegetated buffers for waterfront and wetland facing homes
5. **ONGOING WATER QUALITY TESTING**
    a. Contracted with Dr. Chris Gobler, Stony Brook University, to perform testing of five key North Haven water bodies from May to October.
        - Post results on Village website
        - Completed in 2023
        - Contracting for 2024

6. **RESTORE HEALTH OF GENET CREEK, FRESH POND AND GREAT SALT POND**
    a. Initiate a plan to dredge the inlets to Genet Creek, Great Salt Pond to restore historical tidal flow to these key estuaries and improve water quality

Thank You for your consideration of these important applications and water quality projects for the Village of North Haven,

Terie Diat, Village Trustee

North Haven Water Quality Improvement Committee

Terie Diat, North Haven Village Trustee

Jeffrey Sander, (Former Mayor North Haven Village) Committee Member

Wes Frye, Committee Member

Christopher Remkus, Committee Member

James McCarthy, Committee Member