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

2022

## 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:

## 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: Town of Southampton - Parks and Recreation Department
Project Title: Rain Gardens at Emma Elliston Parkl
Project Manager Name: Derryl Baumer

| | |
|---|---|
| Name | Derryl Baumer |
| Title | Assistant Town Parks Director |
| Organization | Town of Southampton - Parks and Recreation Department |
| Address | 6 Newtown Road, Hampton Bays, NY 11946 |
| Phone | 631-728-8585 x.4232 |
| Email | dbaumer@southamptontownny.gov |

Property owner (if different from Project manager organization):

| | |
|---|---|
| Name | Kristen Doulos |
| Affiliation | Town Parks Director |
| Organization | Town of Southampton - Parks and Recreation Department |
| Address | 6 Newtown Road, Hampton Bays, NY 11946 |
| Phone | 631-728-8585 x.4230 |
| Email | kdoulos@southamptontownny.gov |

Project Address: 40 Millstone Brook Road , North Sea, NY 11968 SCTM #(S) 900-77-1-31

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

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

The Parks Department intends to install Rain Gardens at Emma Elliston Park that will filter out surface run-off pollutants before they enter Big Fresh Pond. Utilizing Rip-Rap rock placements and native plantings the Rain Gardens will collect water that runs down the slope from the parking area located to the North.

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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).

Big Fresh Pond is listed in the WQIPP as an impaired water body. With nearby residential and light commercial properties in proximity, non-point source pollution is evident and the waterway is most definitely impacted. Native wildlife such as the alewives use the lake as a spawning ground as it has direct access to North Sea Harbor through the Alewife Creek, which serves as an outfall to the lake.

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 project's main intention is to reduce surface run-off into Big Fresh Pond from the parking area and Millstone Brook Road.

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

Rain gardens act as a bio-filtration system which utilizes plantings and filtering soils to reduce run-off from upland areas such as parking lots and roadways.

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 project supports the Town's WQIPP as it looks to reduce nitrogen loading and non-point pollution into an impaired water body. The impaired waterbody is a critical environmental staple for many native species of fish.

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.

Although nitrogen levels in the lake are not reported as elevated, phosphorus has been detected and indicates the potential for increased algae growth. Water clarity teeters near eutrophic levels in recent years according to a 2018 CSLAP report compiled by the NYSDEC. Also noted in the report was low oxygen (anoxia) levels in deep water which impact aquatic life present in those areas of the lake.

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

Future reports compiled by the NYSDEC should indicate that prevention of non-point pollution sources will improve water clarity and reduce anoxic conditions.

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

This project once implemented will have a long-lasting useful service life. Rain Garden impoundments require very little maintenance once established can last for decades, possibly even centuries.

## 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 estimate was prepared using a contractor's estimate, which was based on a Suffolk County Requirements Contract that was awarded to a competent and reliable contractor.

5b. Describe any matching funds to be provided.

The Park's Department does not intend to match funding for this direct need but will be making other modifications/improvements to Emma Elliston Park that will compliment the installation of the Rain Gardens.

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 intended benefits of the Rain Gardens cannot be achieved without this funding due to capital budget limitations for Emma Elliston Park. The Parks Department has requested funding to rehabilitate the existing retaining walls in the park but will need CPF funding to realize full benefits of the bio-filtering aspects of this proposal.

## 6. MANAGEMENT, EXPERIENCE, ABILITY

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

During my career in water quality improvements, I (the applicant) have implemented over a dozen similar projects with complete success.

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

Based on initial community outreach this project will have full community support as it aims to alleviate pollution and impairments to Big Fresh Pond.

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

A NYS Freshwater Wetlands Permit will be required to implement this project. The Parks Department has already applied for Phase One (wall replacement and stairs) and will look to amend the permit if and when funding for Phase Two (rain gardens and ADA improvements) is approved.

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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.

No ongoing maintenance costs are anticipated. Parks Maintenance staff will offer stewardship and monitoring on a regular basis as part of their routine. Parks Administration will also regularly monitor the condition of the rain gardens to ensure maximum functionality.

## 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.

Once funding is approved and DEC permitting is in place we will implement the installation immediately. Ideally a Fall or Spring planting schedule will offer the best chance for the plantings to become established. For that reason we would ultimately perform the planting aspects in the Fall of 2022 or the Spring of 2023.

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

Project is intended to be a one year (from date of award) total installation time frame.

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

- [x] Photos of existing conditions
- [x] Location Map
- [x] State Environmental Quality Review Act (SEQRA) Long or Short Environmental Assessment Form (EAF) https://www.dec.ny.gov/permits/6191.html
- [x] 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)
- [x] Project budget (see attached template)
- [x] 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.

## 10. OTHER ATTACHMENTS

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

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# BUDGET PROPOSAL

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

| PLANNING/ENGINEERING/DESIGN | Town CPF Request | Matching Funds Committed | Matching Funds Pending | Estimated Total Project Costs |
|---|---|---|---|---|
| Task 1- Design and Planning Done In-House | $- 0.00 | $- | $- | $- 0.00 |
| Task 2- | $- | $- | $- | $- 0.00 |
| Task 3- | $- | $- | $- | $- 0.00 |
| Task 4- | $- | $- | $- | $- 0.00 |
| Task 5- | $- | $- | $- | $- 0.00 |
| Task 6- | $- | $- | $- | $- 0.00 |
| | $- | $- | $- | $- 0.00 |
| Planning/Engineering/Design Cost Total | $- 0.00 | $- 0.00 | $- 0.00 | $- 0.00 |

| Contractual Services | | | | |
|---|---|---|---|---|
| n/a | $- | $- | $- | $- 0.00 |
| | $- | $- | $- | $- 0.00 |
| | $- | $- | $- | $- 0.00 |
| | $- | $- | $- | $- 0.00 |
| | $- | $- | $- | $- 0.00 |
| | $- | $- | $- | $- 0.00 |
| | $- | $- | $- | $- 0.00 |
| Contractual Services Cost Total | $- 0.00 | $- 0.00 | $- 0.00 | $- 0.00 |

| Construction & Site Improvements | | | | |
|---|---|---|---|---|
| Implementation of the Project | $- 46,500.00 | $- | $- | $- 46,500.00 |
| | $- | $- | $- | $- 0.00 |
| | $- | $- | $- | $- 0.00 |
| | $- | $- | $- | $- 0.00 |
| | $- | $- | $- | $- 0.00 |
| | $- | $- | $- | $- 0.00 |
| | $- | $- | $- | $- 0.00 |
| Construction & Site Improvements Cost Total | $- 46,500.00 | $- 0.00 | $- 0.00 | $- 46,500.00 |

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| Equipment/Materials/Supplies | Town CPF Request | Matching Funds Committed | Matching Funds Pending | Estimated Total Project Costs |
|---|---|---|---|---|
| | $- | $- | $- | $-0.00 |
| | $- | $- | $- | $-0.00 |
| | $- | $- | $- | $-0.00 |
| | $- | $- | $- | $-0.00 |
| | $- | $- | $- | $-0.00 |
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| | | | | $ 0.00 |
| | | | | $ 0.00 |
| | | | | $ 0.00 |
| | | | | $ 0.00 |
| Equipment/Materials/Supplies Total | $-0.00 | $0.00 | $-0.00 | $-0.00 |

| 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) | $- 0.00 | $- 0.00 | $- 0.00 | $- 0.00 |
|---|---|---|---|---|

| | |
|---|---|
| Total Project Cost | $-46,500.00 |
| Applicant matching funds committed | $-0.00 |
| Applicant matching funds pending approval (e.g. grant request submitted pending determination) | $-0.00 |
| Total CPF Funds Requested | $-46,500.00 |

| Source of matching funds | Amount |
|---|---|
| | |
| | |
| | |

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## COMMUNITY PRESERVATION FUND (CPF)
## WATER QUALITY IMPROVEMENT PROGRAM

### APPLICANT'S INFORMATION

Owner: Town of Southampton - Parks and Recreation Department
Contact First and Last Name: Derryl Baumer
Contact Address: 6 Newtown Road, Hampton Bays, NY 11946
Contact Phone: 631-728-8585 x. 4232
Contact Email: dbaumer@southamptontownny.gov

### CONTRACT RECIPIANT INFORMATION

Name/Organization: n/a
Contact Person/Officer:
Contact Address:
Contact Phone:
Contact Email:

### PROJECT INFORMATION

Project Title: Rain Gardens at Emma Elliston Park
Project Location: 40 Millstone Brook Road, North Sea, NY 11968
Project Description (1-3 sentences):
The Parks Department intends to install Rain Gardens at Emma Elliston Park that will filter out surface run-off pollutants before they enter Big Fresh Pond. Utilizing Rip-Rap rock placements and native plantings the Rain Gardens will collect water that runs down the slope from the parking area located to the North.

### ANTICIPATED PROJECT TIMELINE

Begin: Fall 2022
Complete: Spring 2023
Notes:
n/a

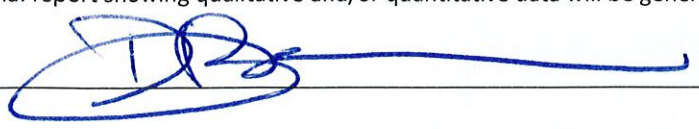
### ATTESTATION

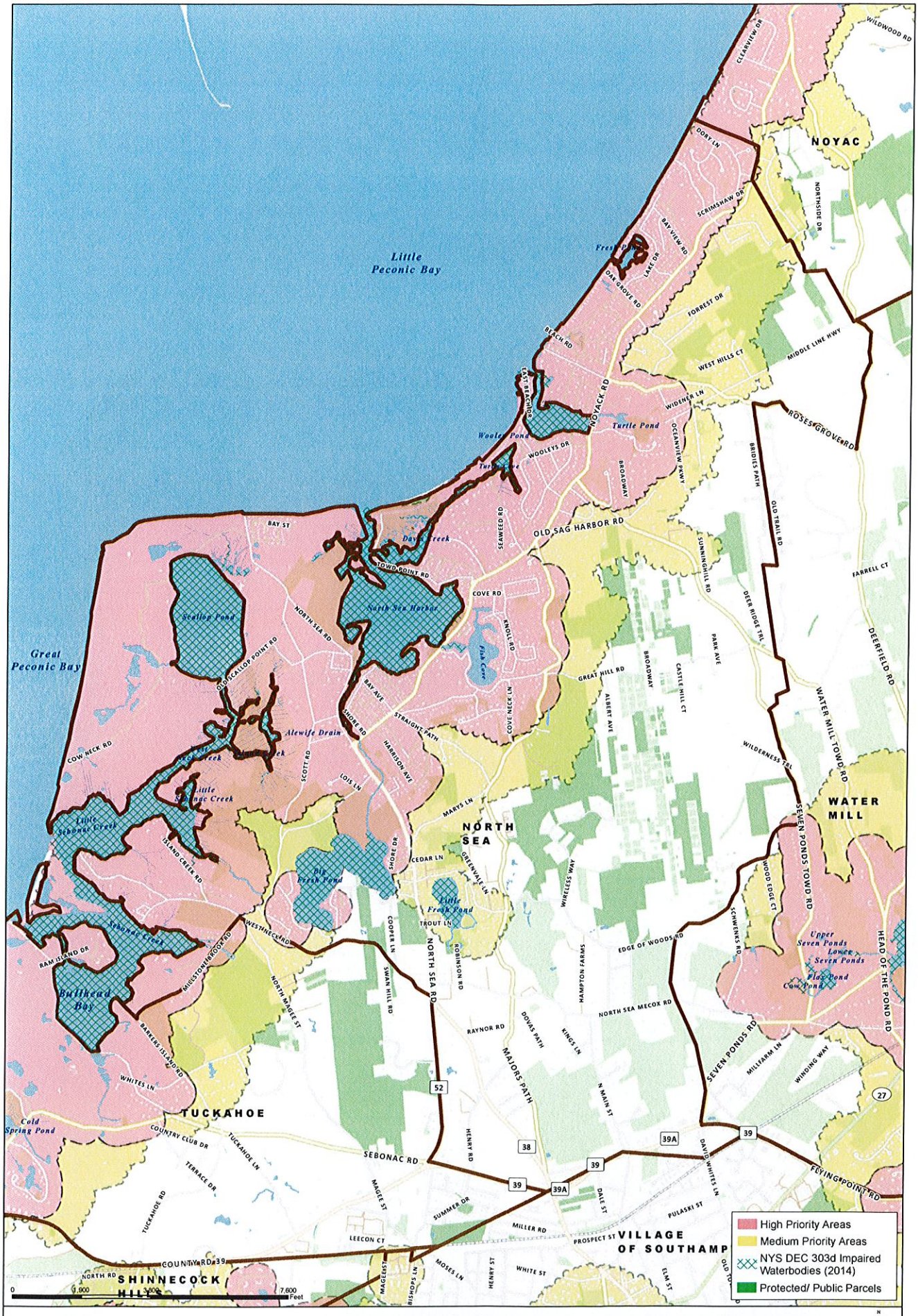
Allocation of CPF funds will not be for the purpose of accommodating new growth, as this is prohibited by State law.

Check all boxes & sign.

☑ We certify that funds will not be directed for projects for the purpose of accommodating new growth.

☑ We understand that progress reports will need to be generated as specified in our Water Quality Improvement Contract AND a final report showing qualitative and/or quantitative data will be generated upon project completion. .

Signature:  Date 4/14/2022



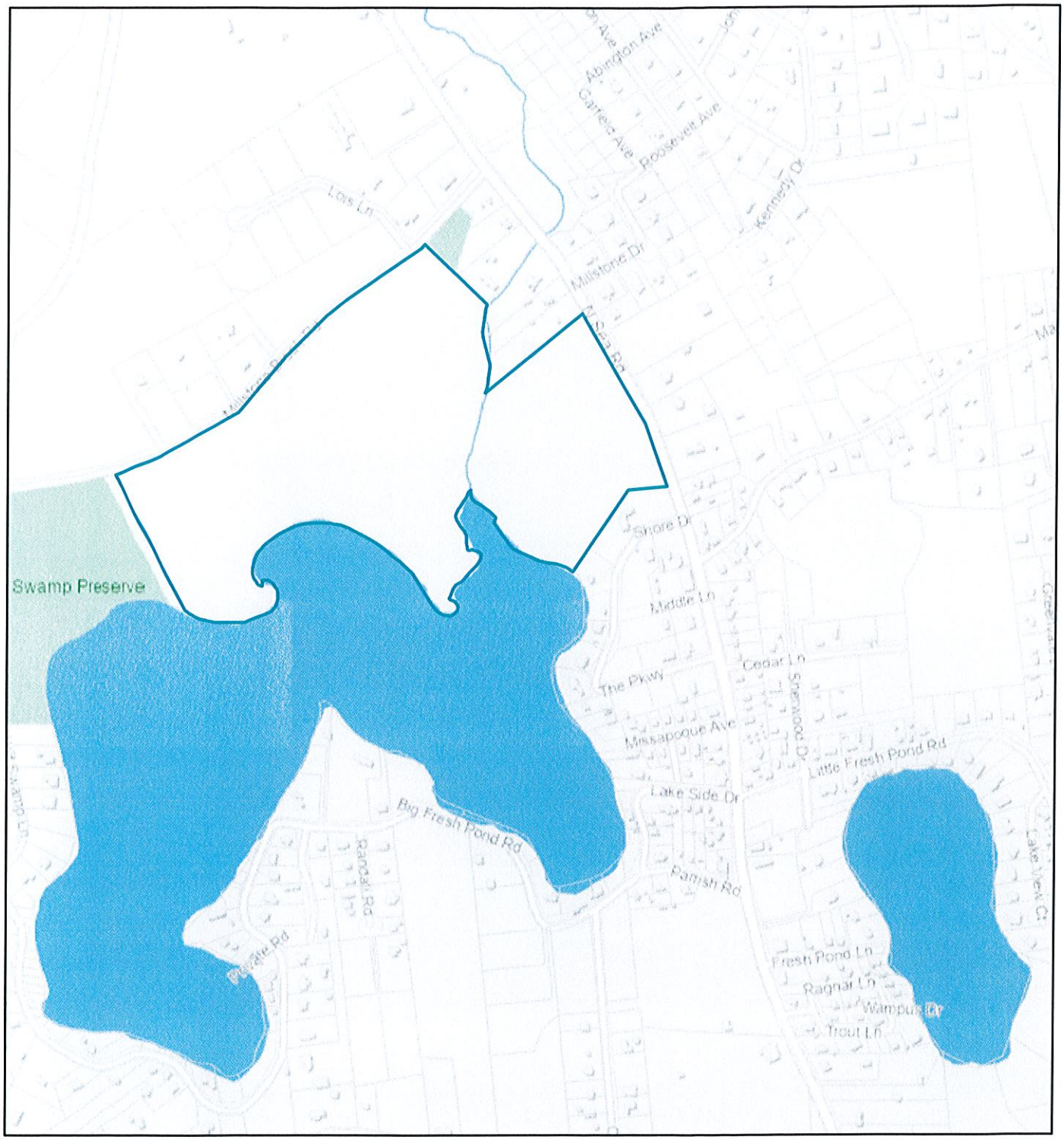

# Town of Southampton CPF Water Quality Improvement Project Plan

## NORTH SEA

Suffolk County Real Property Tax Service
COPYRIGHT 2018, COUNTY OF SUFFOLK, N.Y.
Real Property Taxmap parcel linework used with permission of
Suffolk County Real Property Tax Service Agency (R.P.T.S.A.)

Prepared By: The Town of Southampton Dept of Geographic Information Systems Date: 7/5/2016 - MAP ID: 2514

# Suffolk County Web Map




3/23/2022, 12:02:36 PM

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0 0.05 0.1 0.2 mi

0 0.1 0.2 0.4 km

Tax Parcels

Copyright nearmap 2015 |

*Full Environmental Assessment Form*
*Part 1 - Project and Setting*

## Instructions for Completing Part 1

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

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

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

**A. Project and Applicant/Sponsor Information.**

| | | |
|---|---|---|
| Name of Action or Project:<br>Rain Gardens at Emma Elliston Park | | |
| Project Location (describe, and attach a general location map):<br>Emma Elliston Park on Big Fresh Pond | | |
| Brief Description of Proposed Action (include purpose or need):<br>Install a multi-stage bio-filtration rain garden system to reduce non-point source pollution from the parking area and adjacent Millstone Brook Road. | | |
| Name of Applicant/Sponsor:<br>Town of Southampton - Parks and Recreation Department | Telephone: 631-728-8585<br>E-Mail: dbaumer@southamptontownny.gov | |
| Address: 6 Newtown Road | | |
| City/PO: Hampton Bays | State: NY | Zip Code: 11946 |
| Project Contact (if not same as sponsor; give name and title/role):<br>Derryl Baumer - Assistant Parks Director | Telephone: 631-728-8585 x.4232<br>E-Mail: dbaumer@southamptontownny.gov | |
| Address: | | |
| City/PO: | State: | Zip Code: |
| Property Owner (if not same as sponsor):<br>Town of Southampton | Telephone: 631-283-6000<br>E-Mail: n/a | |
| Address:<br>116 Hampton Road | | |
| City/PO: Southampton | State: NY | Zip Code: 11968 |

**B. Government Approvals**

| **B. Government Approvals, Funding, or Sponsorship.** ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.) | | |
|---|---|---|
| **Government Entity** | **If Yes: Identify Agency and Approval(s) Required** | **Application Date (Actual or projected)** |
| a. City Council, Town Board, or Village Board of Trustees ☐Yes☑No | | |
| b. City, Town or Village Planning Board or Commission ☐Yes☑No | | |
| c. City, Town or Village Zoning Board of Appeals ☐Yes☑No | | |
| d. Other local agencies ☐Yes☑No | | |
| e. County agencies ☐Yes☑No | | |
| f. Regional agencies ☐Yes☑No | | |
| g. State agencies ☐Yes☑No | | |
| h. Federal agencies ☐Yes☑No | | |

i. Coastal Resources.

*i.* Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☐Yes☑No

*ii.* Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☐Yes☑No

*iii.* Is the project site within a Coastal Erosion Hazard Area? ☐Yes☑No

**C. Planning and Zoning**

**C.1. Planning and zoning actions.**

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

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

**C.2. Adopted land use plans.**

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

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

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

If Yes, identify the plan(s):

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☐Yes☑No

If Yes, identify the plan(s):

**C.3. Zoning**

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☐ Yes ☑ No
If Yes, what is the zoning classification(s) including any applicable overlay district?

b. Is the use permitted or allowed by a special or conditional use permit? ☑ Yes ☐ No

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☑ No
If Yes,
*i.* What is the proposed new zoning for the site?

**C.4. Existing community services.**

a. In what school district is the project site located? Southampton Union Free School District

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

c. Which fire protection and emergency medical services serve the project site?
North Sea Fire District

d. What parks serve the project site?
Emma Elliston Park

**D. Project Details**

**D.1. Proposed and Potential Development**

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Recreational

b. a. Total acreage of the site of the proposed action? 54.98 acres
b. Total acreage to be physically disturbed? 0.1 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 140.71 acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☑ No
*i.* If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☑ No
If Yes,
*i.* Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
*ii.* Is a cluster/conservation layout proposed? ☐ Yes ☐ No
*iii.* Number of lots proposed? _____
*iv.* Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will the proposed action be constructed in multiple phases? ☐ Yes ☑ No
*i.* If No, anticipated period of construction: 2 months
*ii.* If Yes:
- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____ year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases:

f. Does the project include new residential uses? ☐Yes ☑No

If Yes, show numbers of units proposed.

| | One Family | Two Family | Three Family | Multiple Family (four or more) |
|---|---|---|---|---|
| Initial Phase | | | | |
| At completion of all phases | | | | |

g. Does the proposed action include new non-residential construction (including expansions)? ☐Yes ☑No

If Yes,

*i.* Total number of structures _____

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

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

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

If Yes,

*i.* Purpose of the impoundment: Bio-retention Rain Gardens

*ii.* If a water impoundment, the principal source of the water: ☐ Ground water ☑ Surface water streams ☑Other specify: Non-point surface run-off

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

*iv.* Approximate size of the proposed impoundment. Volume: 0 million gallons; surface area: 0.1 acres

*v.* Dimensions of the proposed dam or impounding structure: 2 ft height; 70 ft length

*vi.* Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): Earthen dams retained by riparian rock wall

**D.2. Project Operations**

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

If Yes:

*i.* What is the purpose of the excavation or dredging? Excavation to create bio-retention basin for rain gardens

*ii.* How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): 120 C.Y.
- Over what duration of time? 2 weeks

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

Excavation of the loamy soils. Most of the soils will be retained on site to create the earthen dam structures which will be held in place by riparian rock wall.

*iv.* Will there be onsite dewatering or processing of excavated materials? ☐Yes ☑No

If yes, describe. _____

*v.* What is the total area to be dredged or excavated? 0.1 acres

*vi.* What is the maximum area to be worked at any one time? 0.1 acres

*vii.* What would be the maximum depth of excavation or dredging? 2 feet

*viii.* Will the excavation require blasting? ☐Yes ☑No

*ix.* Summarize site reclamation goals and plan:

After the rain garden structures are completed the site will be populated with native plants to stabilize soils and create a bio-filtration system.

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☐Yes ☑No

If Yes:

*i.* Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____

*ii.* Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

_____

_____

_____

_____

*iii.* Will the proposed action cause or result in disturbance to bottom sediments? ☐Yes ☑No

If Yes, describe: _____

*iv.* Will the proposed action cause or result in the destruction or removal of aquatic vegetation? ☐Yes ☑No

If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____

_____

- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

*v.* Describe any proposed reclamation/mitigation following disturbance: _____

_____

c. Will the proposed action use, or create a new demand for water? ☐Yes ☑No

If Yes:

*i.* Total anticipated water usage/demand per day: _____ gallons/day

*ii.* Will the proposed action obtain water from an existing public water supply? ☐Yes ☑No

If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? ☐Yes ☐No
- Is the project site in the existing district? ☐Yes ☐No
- Is expansion of the district needed? ☐Yes ☐No
- Do existing lines serve the project site? ☐Yes ☐No

*iii.* Will line extension within an existing district be necessary to supply the project? ☐Yes ☑No

If Yes:

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

_____

- Source(s) of supply for the district: _____

*iv.* Is a new water supply district or service area proposed to be formed to serve the project site? ☐ Yes ☑No

If, Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

*v.* If a public water supply will not be used, describe plans to provide water supply for the project: _____

_____

*vi.* If water supply will be from wells (public or private), what is the maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? ☐Yes ☑No

If Yes:

*i.* Total anticipated liquid waste generation per day: _____ gallons/day

*ii.* Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

_____

_____

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

If Yes:

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

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

If Yes:

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

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

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

*v.* If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge or describe subsurface disposal plans):

_____

*vi.* Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? ☐Yes ☑No

If Yes:

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

_____ Square feet or _____ acres (impervious surface)

_____ Square feet or _____ acres (parcel size)

*ii.* Describe types of new point sources. _____

*iii.* Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

_____

- If to surface waters, identify receiving water bodies or wetlands: _____
- Will stormwater runoff flow to adjacent properties? ☐Yes ☐No

*iv.* Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? ☐Yes ☐No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☐Yes ☑No

If Yes, identify:

*i.* Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

_____

*ii.* Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

_____

*iii.* Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

_____

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

If Yes:

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

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

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

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

If Yes:

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

*ii.* Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐Yes ☑No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☐Yes ☑No

If Yes:

*i.* When is the peak traffic expected (Check all that apply): ☐ Morning ☐ Evening ☐Weekend ☐ Randomly between hours of _____ to _____.

*ii.* For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____

*iii.* Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

*iv.* Does the proposed action include any shared use parking? ☐Yes ☐No

*v.* If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:

*vi.* Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☐Yes ☐No

*vii* Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☐Yes ☐No

*viii.* Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☐Yes ☐No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☐Yes ☑No

If Yes:

*i.* Estimate annual electricity demand during operation of the proposed action: _____

*ii.* Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):

*iii.* Will the proposed action require a new, or an upgrade, to an existing substation? ☐Yes ☐No

l. Hours of operation. Answer all items which apply.

*i.* During Construction:

- Monday - Friday: 8am - 4pm
- Saturday: 8am - 4pm
- Sunday: 8am - 4pm
- Holidays: No Holidays

*ii.* During Operations:

- Monday - Friday: Dawn - Dusk
- Saturday: Dawn - Dusk
- Sunday: Dawn - Dusk
- Holidays: Dawn - Dusk

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☑ Yes ☐ No

If yes:

*i.* Provide details including sources, time of day and duration:

Large machinery (i.e. backhoe) will be needed to excavate. It is anticipated that only a few days of the total construction timeline will use this equipment.

*ii.* Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? ☐ Yes ☑ No

Describe: _____

n. Will the proposed action have outdoor lighting? ☐ Yes ☑ No

If yes:

*i.* Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

*ii.* Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☐ Yes ☑ No

Describe: _____

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☐ Yes ☑ No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐ Yes ☑ No

If Yes:

*i.* Product(s) to be stored _____

*ii.* Volume(s) _____ per unit time _____ (e.g., month, year)

*iii.* Generally, describe the proposed storage facilities: _____

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☐ Yes ☑ No

If Yes:

*i.* Describe proposed treatment(s):

*ii.* Will the proposed action use Integrated Pest Management Practices? ☐ Yes ☐ No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☐ Yes ☑ No

If Yes:

*i.* Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: _____ tons per _____ (unit of time)
- Operation : _____ tons per _____ (unit of time)

*ii.* Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction: _____
- Operation: _____

*iii.* Proposed disposal methods/facilities for solid waste generated on-site:

- Construction: _____
- Operation: _____

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☑ No

If Yes:

*i.* Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

*ii.* Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

*iii.* If landfill, anticipated site life: _____ years

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

If Yes:

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

*ii.* Generally describe processes or activities involving hazardous wastes or constituents: _____

*iii.* Specify amount to be handled or generated _____ tons/month

*iv.* Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

*v.* Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

## E. Site and Setting of Proposed Action

### E.1. Land uses on and surrounding the project site

a. Existing land uses.

*i.* Check all uses that occur on, adjoining and near the project site.

☐ Urban ☑ Industrial ☑ Commercial ☑ Residential (suburban) ☑ Rural (non-farm)
☑ Forest ☑ Agriculture ☑ Aquatic ☐ Other (specify): _____

*ii.* If mix of uses, generally describe:

b. Land uses and covertypes on the project site.

| Land use or Covertype | Current Acreage | Acreage After Project Completion | Change (Acres +/-) |
|---|---|---|---|
| • Roads, buildings, and other paved or impervious surfaces | .4 | .4 | 0 |
| • Forested | 48.58 | 48.58 | 0 |
| • Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural) | 4 | 4 | 0 |
| • Agricultural (includes active orchards, field, greenhouse etc.) | 0 | 0 | 0 |
| • Surface water features (lakes, ponds, streams, rivers, etc.) | 0 | 0 | 0 |
| • Wetlands (freshwater or tidal) | 2 | 2 | 0 |
| • Non-vegetated (bare rock, earth or fill) | 0 | 0 | 0 |
| • Other Describe: _____ | | | |

c. Is the project site presently used by members of the community for public recreation? ☑ Yes ☐ No

*i.* If Yes: explain: Emma Elliston Park is used for passive recreation

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☐ Yes ☑ No

If Yes,

*i.* Identify Facilities:

e. Does the project site contain an existing dam? ☐ Yes ☑ No

If Yes:

*i.* Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

*ii.* Dam's existing hazard classification: _____

*iii.* Provide date and summarize results of last inspection:

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐ Yes ☑ No

If Yes:

*i.* Has the facility been formally closed? ☐ Yes ☐ No

- If yes, cite sources/documentation: _____

*ii.* Describe the location of the project site relative to the boundaries of the solid waste management facility:

*iii.* Describe any development constraints due to the prior solid waste activities: _____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐ Yes ☑ No

If Yes:

*i.* Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☐ Yes ☑ No

If Yes:

*i.* Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☐ Yes ☐ No

☐ Yes – Spills Incidents database — Provide DEC ID number(s): _____

☐ Yes – Environmental Site Remediation database — Provide DEC ID number(s): _____

☐ Neither database

*ii.* If site has been subject of RCRA corrective activities, describe control measures: _____

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

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

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

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

- If yes, DEC site ID number: n/a
- Describe the type of institutional control (e.g., deed restriction or easement): deed restriction
- Describe any use limitations: Must be used as a nature sanctuary and passive recreation site as per purchase covenant
- Describe any engineering controls: n/a
- Will the project affect the institutional or engineering controls in place? ☐ Yes ☑ No
- Explain:

Project intention is to enhance the natural environment and offer pollution mitigation to the nearby watershed (Big Fresh Pond)

**E.2. Natural Resources On or Near Project Site**

a. What is the average depth to bedrock on the project site? 1000 feet

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

c. Predominant soil type(s) present on project site:

| | |
|---|---|
| Loam | 50 % |
| Sand | 50 % |
| | % |

d. What is the average depth to the water table on the project site? Average: 40 feet

e. Drainage status of project site soils:

| | |
|---|---|
| ☑ Well Drained: | 100 % of site |
| ☐ Moderately Well Drained: | % of site |
| ☐ Poorly Drained | % of site |

f. Approximate proportion of proposed action site with slopes:

| | |
|---|---|
| ☐ 0-10%: | % of site |
| ☐ 10-15%: | % of site |
| ☑ 15% or greater: | 100 % of site |

g. Are there any unique geologic features on the project site? ☐ Yes ☑ No
If Yes, describe:

h. Surface water features.

*i.* Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☐ Yes ☑ No

*ii.* Do any wetlands or other waterbodies adjoin the project site? ☑ Yes ☐ No

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

*iii.* Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☑ Yes ☐ No

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

- Streams: Name ____ Classification ____
- Lakes or Ponds: Name Big Fresh Pond Classification Freshwater Wetland
- Wetlands: Name Big Fresh Pond Approximate Size 85.73 acres
- Wetland No. (if regulated by DEC) ____

*v.* Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☑ Yes ☐ No

If yes, name of impaired water body/bodies and basis for listing as impaired:
Big Fresh Pond

i. Is the project site in a designated Floodway? ☐ Yes ☑ No

j. Is the project site in the 100-year Floodplain? ☐ Yes ☑ No

k. Is the project site in the 500-year Floodplain? ☐ Yes ☑ No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☐ Yes ☑ No
If Yes:

*i.* Name of aquifer:

m. Identify the predominant wildlife species that occupy or use the project site:

| | | |
|---|---|---|
| Squirrels | Rabbit | Snakes |
| Red Fox | Chipmunk | Raccoon |
| Opossum | Deer | |

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

If Yes:

*i.* Describe the habitat/community (composition, function, and basis for designation): _____

*ii.* Source(s) of description or evaluation: _____

*iii.* Extent of community/habitat:

- Currently: _____ acres
- Following completion of project as proposed: _____ acres
- Gain or loss (indicate + or -): _____ acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☐ Yes ☑No

If Yes:

*i.* Species and listing (endangered or threatened): _____

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☐Yes ☑No

If Yes:

*i.* Species and listing: _____

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☐Yes ☑No

If yes, give a brief description of how the proposed action may affect that use: _____

**E.3. Designated Public Resources On or Near Project Site**

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐Yes ☑No

If Yes, provide county plus district name/number: _____

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

*i.* If Yes: acreage(s) on project site? _____

*ii.* Source(s) of soil rating(s): _____

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐Yes ☑No

If Yes:

*i.* Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature

*ii.* Provide brief description of landmark, including values behind designation and approximate size/extent: _____

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☐Yes ☑No

If Yes:

*i.* CEA name: _____

*ii.* Basis for designation: _____

*iii.* Designating agency and date: _____

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

If Yes:

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

*ii.* Name: _____

*iii.* Brief description of attributes on which listing is based:

_____

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

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

If Yes:

*i.* Describe possible resource(s): _____

*ii.* Basis for identification: _____

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

If Yes:

*i.* Identify resource: _____

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

*iii.* Distance between project and resource: _____ miles.

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

If Yes:

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

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

**F. Additional Information**

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

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

**G. Verification**

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

Applicant/Sponsor Name Derryl Baumer for Town of Southampton Date 04/13/2022

Signature _____ Title Assistant Parks Director

PRINT FORM

Agency Use Only [If applicable]

Project :

Date :

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

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

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

**Tips for completing Part 2:**

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

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

☐ NO ☑ YES

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

**2. Impact on Geological Features**

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

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

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

**3. Impacts on Surface Water**

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

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

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

| | | | |
|---|---|---|---|
| l. Other impacts: n/a | | ☑ | ☐ |

**4. Impact on groundwater**

The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t)

☑ NO ☐ YES

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

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

**5. Impact on Flooding**

The proposed action may result in development on lands subject to flooding. (See Part 1. E.2)

☑ NO ☐ YES

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

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

| | | | |
|---|---|---|---|
| g. Other impacts: _____ _____ | | ☐ | ☐ |

**6. Impacts on Air**

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

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

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

**7. Impact on Plants and Animals**

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

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

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

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

**8. Impact on Agricultural Resources**

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

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

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

**9. Impact on Aesthetic Resources**
The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.)
*If "Yes", answer questions a - g. If "No", go to Section 10.*

☑ NO ☐ YES

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

**10. Impact on Historic and Archeological Resources**
The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.)
*If "Yes", answer questions a - e. If "No", go to Section 11.*

☑ NO ☐ YES

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

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

**11. Impact on Open Space and Recreation**

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

☑ NO ☐ YES

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

**12. Impact on Critical Environmental Areas**

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

☑ NO ☐ YES

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

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

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

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

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

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

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

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

**16. Impact on Human Health**
The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.) ☑ NO ☐ YES
*If "Yes", answer questions a - m. If "No", go to Section 17.*

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

**17. Consistency with Community Plans**

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

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

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

**18. Consistency with Community Character**

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

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

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

PRINT FULL FORM

Agency Use Only [IfApplicable]

Project :

Date :

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

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

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

**Reasons Supporting This Determination:**

To complete this section:

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

Question 1, Part B: The impacts on slopes of greater than 15% was noted as moderate to large due to the inherent geographical features present on the site. The proposed project looks to reduce slopes in order to impound surface run-off to prevent non-point source pollution from entering the nearby watershed (Big Fresh Pond).

### Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☑ Type 1 ☐ Unlisted

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

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

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the Town of Southampton - Parks and Recreation Department, as lead agency that:

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

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

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

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

Name of Action: Install Rain Gardens at Emma Elliston Park

Name of Lead Agency: Town of Southampton - Parks and Recreation Department

Name of Responsible Officer in Lead Agency: Derryl Baumer

Title of Responsible Officer: Assistant Parks Director

Signature of Responsible Officer in Lead Agency: Date: 4/14/2022

Signature of Preparer (if different from Responsible Officer) Date:

**For Further Information:**

Contact Person: Derryl Baumer

Address: 6 Newtown Road, Hampton Bays, NY 11946

Telephone Number: 631-728-8585 x. 4232

E-mail: dbaumer@southamptontownny.gov

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

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

**PRINT FULL FORM**

**Total Load** This is the summary of annual nutrient and sediment load for each subwatershed. This sheet is initially protected.

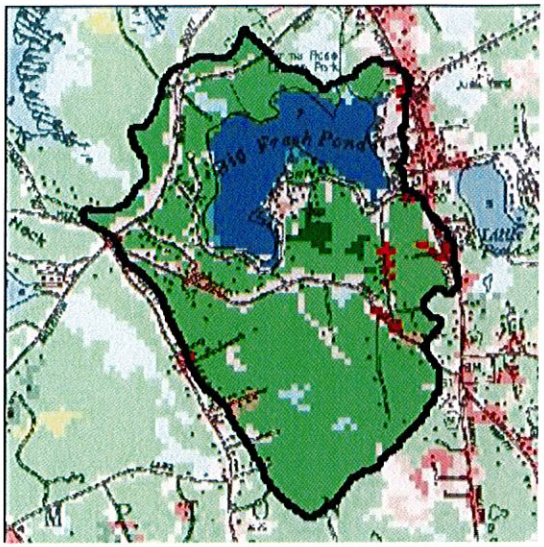
**1. Total load by subwatershed(s)**

| 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/ye | lb/year | lb/year | lb/year | t/year | Billion MPN/ye | lb/year | lb/year | lb/year | t/year | Billion MPN/ye | % | % | % | % | % |
| W1 | 101.3 | 39.7 | 413.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 101.3 | 39.7 | 413.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| W2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| W3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| W4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| W5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| W6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| W7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| W8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| W9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| W10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 101.3 | 39.7 | 413.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 101.3 | 39.7 | 413.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

**2. Total load by land uses (with BMP)**

| Sources | N Load (lb/yr) | P Load (lb/yr) | BOD Load (lb/yr) | Sediment Load (t/yr) | E. coli Load (Billion MPN/yr) |
|---|---|---|---|---|---|
| Urban | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Cropland | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Pastureland | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Forest | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Feedlots | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| User Defined | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Septic | 101.35 | 39.69 | 413.84 | 0.00 | 0.00 |
| Gully | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Streambank | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Groundwater | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 101.35 | 39.69 | 413.84 | 0.00 | 0.00 |

| Big Fresh Pond | Lake Missapogue Association | Town of Southhampton | Suffolk County |
|---|---|---|---|



| Lake Characteristics | | |
|---|---|---|
| | Surface area (ac/ha) | 77 / 31 |
| | Max depth (ft/m) | 51 / 16 |
| | Mean depth (ft/m) | 24 / 7 |
| | Retention time (years) | 1.2 |
| | Lake Classification | B |
| | Dam Classification | 0 |

| Watershed Characteristics | | |
|---|---|---|
| | Watershed area (ac /ha) | 563 / 228 |
| | Watershed / Lake ratio | 7 |
| | Lake & wetlands % | 17% |
| | Agricultural % | 0% |
| | Forest, shrub, grasses % | 64% |
| | Residential | 20% |
| | Urban | 0% |

| CSLAP Participation | | |
|---|---|---|
| | Years | 2011-2014, 2016-2018 |
| | Volunteers | Fred Vanderwerven and John B Simoni Jr |

| Trophic state | HABs Susceptibility | Invasive Vulnerability | PWL Assessment |
|---|---|---|---|
| Mesotrophic | No reported blooms, Low susceptibility | Invasives nearby, Low Vulnerability | Impaired |

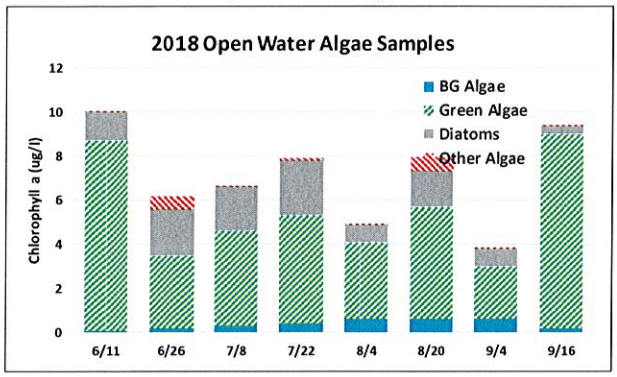
Water quality values for Big Fresh Pond for the 2018 sampling season. "Seasonal change" shows current year variability. Light red color indicates eutrophic conditions in top table and bloom conditions in bottom table. Summer averages for each of the CSLAP years and long term trend analyses show trends in key water quality indicators over a consistent index period (mid-June thru mid-September).

| Open Water Indicators | 2018 Sampling Results | | | | | | | | Seasonal change | Long Term Avg | Long Term Trend? | 18 Diff from Avg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6/11 | 6/26 | 7/8 | 7/22 | 8/4 | 8/20 | 9/4 | 9/16 | | | | |
| Clarity (m) | 2.0 | 2.0 | 3.0 | 2.3 | 2.6 | 2.4 | 3.4 | 2.9 | | 2.5 | no | no |
| Surface TP (mg/l) | 0.007 | 0.010 | 0.011 | 0.008 | 0.011 | 0.009 | 0.006 | 0.010 | | 0.011 | no | no |
| Surface TDP (mg/l) | 0.004 | 0.005 | 0.007 | 0.006 | 0.003 | 0.003 | 0.006 | 0.004 | | 0.005 | no | |
| Deep TP (mg/l) | 0.018 | 0.015 | 0.039 | 0.016 | 0.009 | 0.018 | 0.020 | 0.015 | | 0.009 | no | |
| Deep/Surface TP | 2 | 2 | 4 | 2 | 1 | 2 | 3 | 2 | | 1 | | |
| TN (mg/l) | 0.461 | 0.493 | 0.415 | 0.402 | 0.155 | 0.306 | 0.415 | 0.296 | | 0.322 | no | no |
| TDN (mg/l) | 0.483 | 0.464 | 0.383 | 0.422 | 0.157 | 0.402 | 0.412 | 0.363 | | | | |
| N:P Ratio | 62 | 51 | 37 | 51 | 14 | 35 | 72 | 29 | | 27 | | |
| Deep/Surface NH4 | 12 | 13 | 17 | 110 | 1 | 186 | 63 | 108 | | 64 | | |
| Chl.a (ug/l) | 4.1 | 3.6 | 3.6 | 6.9 | 1.6 | | 2.8 | 2.7 | | 5.0 | no | no |
| pH | 7.1 | 6.9 | 8.0 | 7.4 | 6.8 | 6.9 | 7.3 | 7.2 | | 7.5 | ↓ | no |
| Cond (umho/cm) | 181 | 194 | 193 | | | 150 | 130 | 169 | | 131 | ↑ | ↑ |
| Upper Temp (degC) | 22 | 24 | 27 | 26 | 27 | 27 | 30 | 27 | | 25 | no | no |
| Deep Temp (degC) | 11 | 11 | 13 | 13 | 13 | 11 | 12 | 12 | | 12 | no | no |
| FP BG Chl.a (ug/l) | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | | 0 | no | no |
| HABs reported? | no | no | no | no | no | no | no | no | | | | |

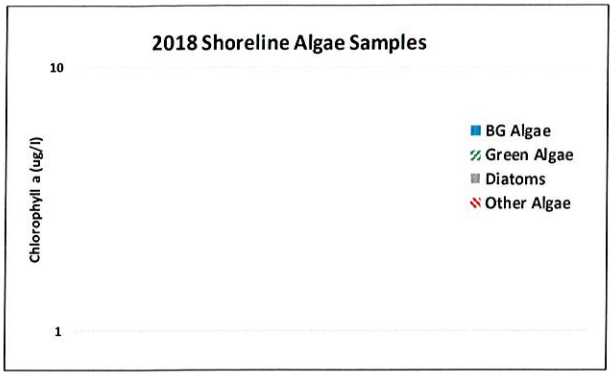
**Shoreline bloom and HABs notifications**

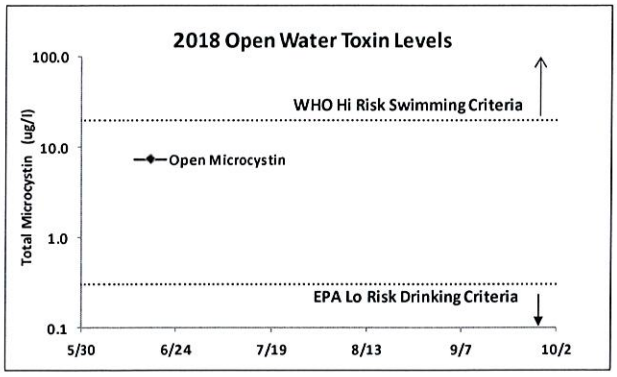
| Date of first listing | Date of last listing | # weeks on the DEC notification list | # Weeks with updates |
|---|---|---|---|
| 8/24/2018 | 8/24/2018 | 1 | 1 |
| **Shoreline HAB Sample Dates 2018** | | | |
| No samples collected | | | |

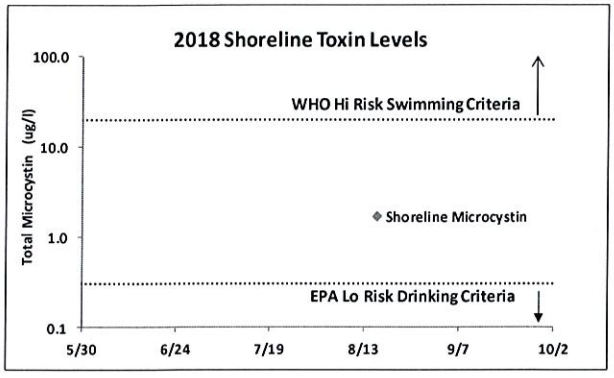
**HABs Status** Open water Algae




Shoreline Algae

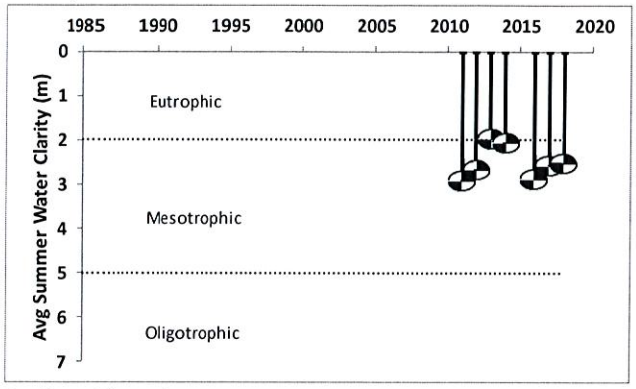


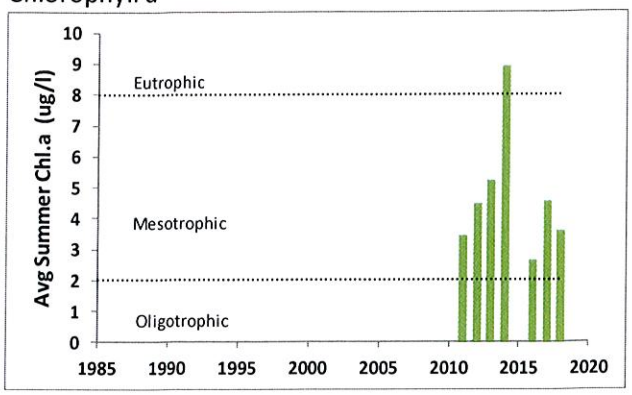



# Big Fresh Pond Long Term Trend Analysis

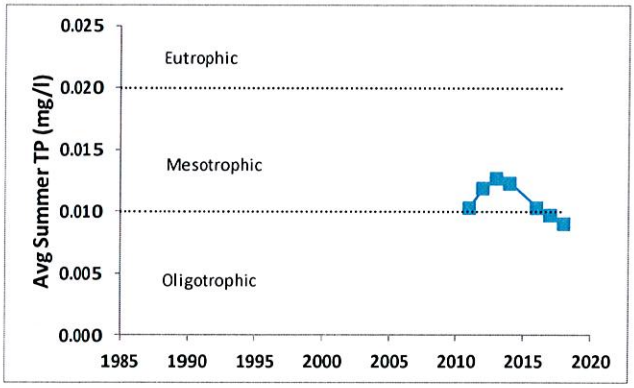
## Clarity



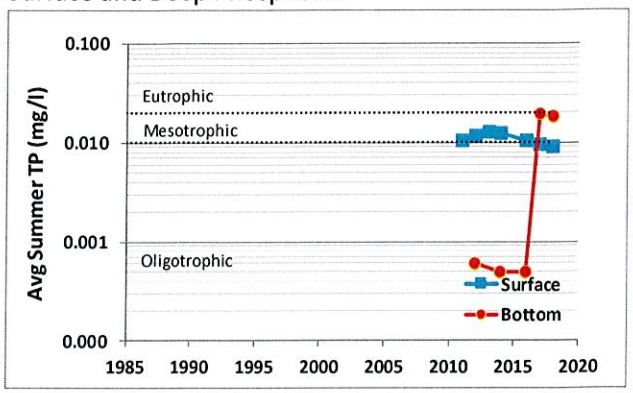

## Chlorophyll *a*



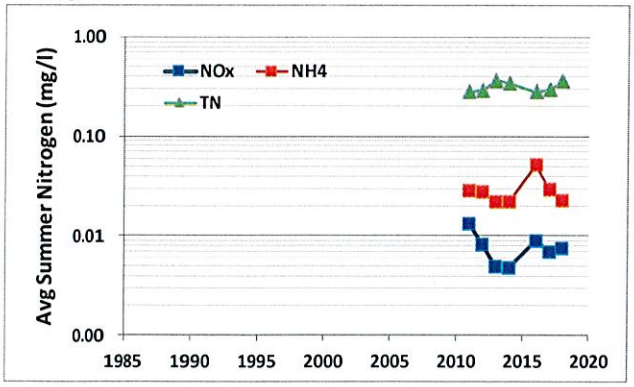

## Surface Phosphorus



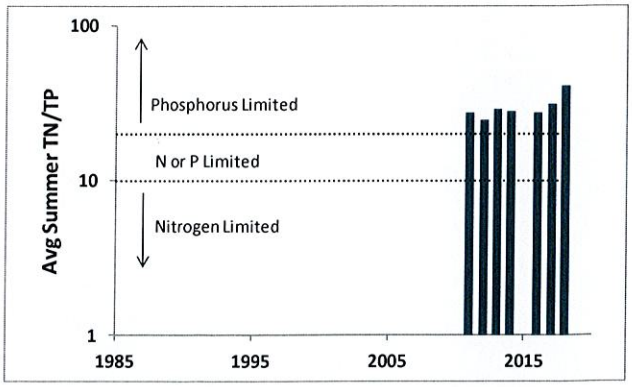

## Surface and Deep Phosphorus



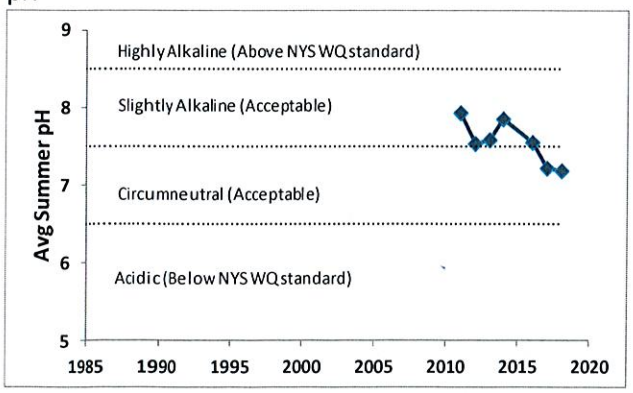

## Nitrogen



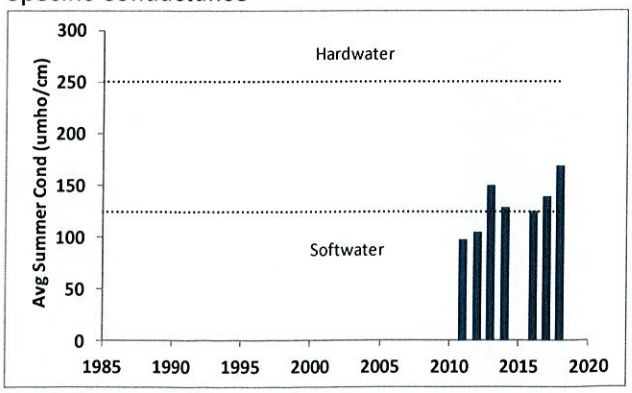

## TN : TP



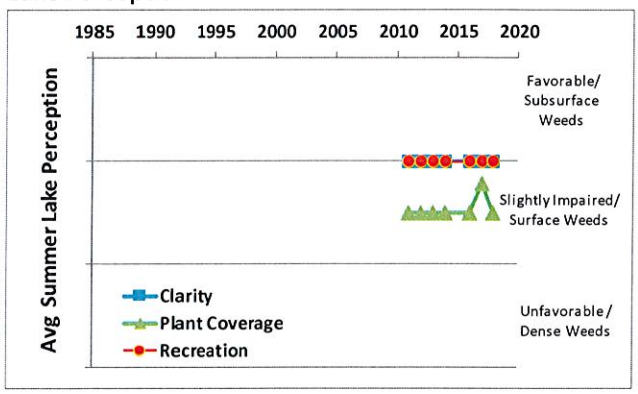

## pH



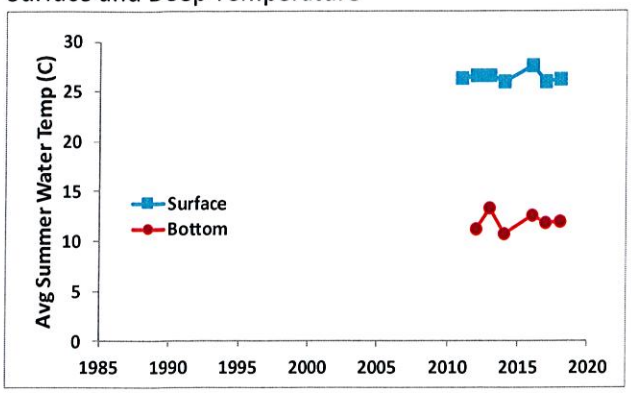

## Specific Conductance



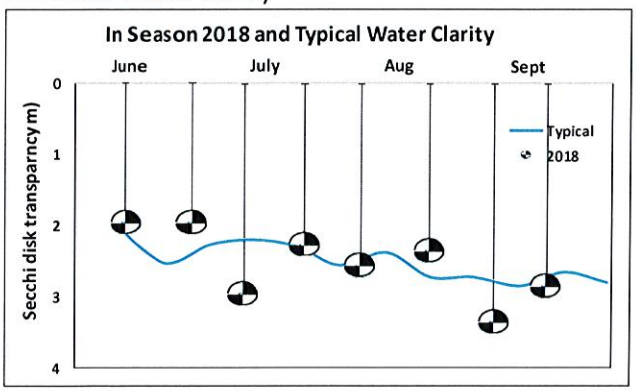
Lake Perception



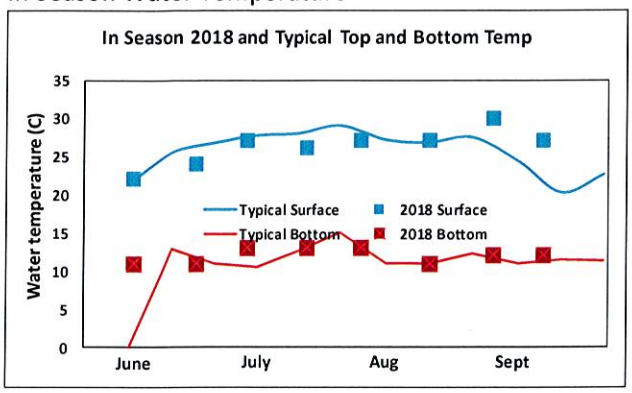

Surface and Deep Temperature




In Season Water Clarity




In Season Water Temperature




## Scorecard

### Lake Use

| | PWL | Average Year | 2018 | Primary issue |
|---|---|---|---|---|
| Potable Water | □ | □ | □ | Not applicable |
| Swimming | ◆ | ● | ● | No impacts |
| Recreation | ■ | ● | ● | No impacts |
| Aquatic Life | ● | ▲ | ▲ | Bottom Oxygen |
| Aesthetics | □ | ▲ | ▲ | Native plants |
| Habitat | □ | ● | ● | No impacts |
| Fish Consumption | ● | □ | □ | Not applicable |

● Supported / Good
▲ Threatened / Fair
◆ Stressed / Poor
■ Impaired
□ Not Known

# CSLAP sampling summary-Lake Missapogue (Big Fresh Pond) 2018

**Q. What is the condition of the lake?**
**A.** Lake Missapogue (Big Fresh Pond) continues to be mesotrophic, or moderately productive, based on moderate water clarity, moderate algae levels (chlorophyll a), and moderate nutrient (phosphorus) levels. Soluble nutrients were analyzed for the first time in 2018. Most of the phosphorus in the lake is soluble, indicating a high potential for more algae growth. Most of the nitrogen in the lake is soluble. The lake has near neutral pH, intermediate hardness water, low water color, and moderately low nitrogen levels.

**Q. How did 2018 compare to previous years?**
**A.** Specific conductance readings were higher than normal in 2018. Each of the other water quality indicators was close to normal in 2018.

**Q. How does this lake compare to other nearby lakes?**
**A.** Compared to other nearby lakes, Big Fresh Pond usually has higher water clarity, and lower chlorophyll a levels, phosphorus readings, and conductivity. The lake usually has less favorable water quality assessments but more favorable recreational assessments, and similar aquatic plant coverage.

**Q. Are there any (statistically significant) trends?**
**A.** Since 2011, conductivity has increased slightly. pH has decreased slightly. None of the other water quality indicators has exhibited any clear long-term trends.

**Q. Has the lake experienced harmful algal blooms (HABs)?**
**A.** Water quality conditions indicate a low susceptibility to blooms, with no reported blooms along the shoreline or in the open water. The open water algal community in the lake is usually comprised of low cyanobacteria levels. Overall open water algae levels are intermediate. Open water toxin levels are consistently below recreational levels of concern.

In 2018, overall algae levels were intermediate, with green algae the most common taxa in open water samples, and with low cyanobacteria levels. Open water toxin levels were undetectable. Shoreline blooms in 2018 were not reported or not sampled.

**Q. Have any aquatic invasive species (AIS) been reported?**
**A.** There are no invasive plants reported or present at Big Fresh Pond, although invasives have been reported in nearby waterbodies. No invasive animals have been reported in

the lake. Big Fresh Pond has low vulnerability for new invasives, based on calcium levels and the lack of public access.

**Q. Are any lake uses likely to be affected by these conditions?**
**A.** Lake Missapogue (Big Fresh Pond) supports recreation and public bathing use. This waterbody is not designated for use as a public water supply. Public bathing appears to be fully supported. Recreation appears to be fully supported. Aquatic life is threatened by deepwater sampling data indicating anoxia. Aesthetics are fair due to surface aquatic plant growth. Aesthetics are fair due to surface aquatic plant growth. Habitat appears to be good. Fish Consumption use is considered to be unassessed. There are no health advisories limiting the consumption of fish from this waterbody (beyond the general advice for all waters). However, due to the lack of actual fish sampling data, fish consumption use is noted as unassessed, rather than fully supported but unconfirmed.

## How to Read the Report

This guide provides a description of the CSLAP report by section and a glossary. The sampling site is indicated in the header for lakes with more than one routine sampling site.

**Physical Characteristics influence lake quality:**

- Surface area is the lake's surface in acres and hectares.
- Max depth is the water depth measured at the deepest part of the lake in feet and meters.
- Mean depth is either known from lake bathymetry or is 0.46 of the maximum depth.
- Retention time is the time it takes for water to pass through a lake in years. This indicates the influence of the watershed on lake conditions.
- Lake classification describes the "best uses" for this lake. Class AA, AAspec, and A lakes may be used as sources of potable water. Class B lakes are suitable for contact recreational activities, like swimming. Class C lakes are suitable for non-contact recreational activities, including fishing, although they may still support swimming. The addition of a T or TS to any of these classes indicates the ability of a lake to support trout populations and/or trout spawning.
- Dam classification defines the hazard class of a dam. Class A, B, C, and D dams are defined as low, intermediate, high, or negligible/no hazard dams in that order. "0" indicates that no class has been assigned to a particular dam, or that no dam exists.

**Watershed characteristics influence lake water quality:**

- Watershed area in acres and hectares
- Land use data come from the most recent (2011) US Geological Survey National Land Use Cover dataset

**CSLAP Participation** lists the sampling years and the current year volunteers.

**Key lake status indicators summarize lake conditions:**

- Trophic state of a lake refers to its nutrient loading and productivity, measured by phosphorus, algae, and clarity. An oligotrophic lake has low nutrient and algae levels (low productivity) and high clarity while a eutrophic lake has high nutrient and algae levels (high productivity) and low clarity. Mesotrophic lakes fall in the middle.
- Harmful algal bloom susceptibility summarizes the available historical HAB data and indicates the potential for future HAB events.
- Invasive vulnerability indicates whether aquatic invasive species are found in this lake or in nearby lakes, indicating the potential for further introductions.
- Priority waterbody list (PWL) assessment is based on the assessment of use categories and summarized as fully supported, threatened, stressed, impaired, or precluded. Aesthetics and habitat are evaluated as good, fair, or poor. The cited PWL assessment reflects the "worst" assessment for the lake. The full PWL assessment can be found at http://www.dec.ny.gov/chemical/36730.html#WIPWL.

**Current year sampling results**

- Results for each of the sampling sessions in the year are in tabular form. The seasonal change graphically shows the current year results. Red shading indicates eutrophic readings.
- HAB notification periods on the DEC website, updated weekly http://www.dec.ny.gov/chemical/83310.html
- Shoreline HAB sample dates and results. Samples are collected from the area that appears to have the worst bloom. Red shading indicates a confirmed HAB.
- HAB sample algae analysis. Algae types typically change during the season. These charts show the amount of the different types of algae found in each mid-lake or shoreline sample. Samples with high levels of BGA are HABs. The second set of charts show the level of toxins found in open water and shoreline samples compared to the World Health Organization (WHO) guidelines.
- If there are more than ten shoreline bloom samples collected in a year, bloom sample information is instead summarized by month (May-Oct.) as minimum, average, and maximum values for blue-green algae and microcystin.

**Long Term Trend Analysis** puts the current year findings in context. Summer averages (mid-June thru mid-September) for each of the CSLAP years show trends in key water quality indicators. The graphs include relevant criteria (trophic categories, water quality standards, etc.) and boundaries separating these criteria.

**In-Season Analysis** shows water temperature and water clarity during the sampling season. These indicate seasonal changes and show the sample year results compared to the typical historical readings for those dates.

**The Lake Use Scorecard** presents the results of the existing Priority Waterbody List assessment for this lake in a graphical form and compares it to information from the current year and average values from CSLAP data and other lake information. Primary issues that could impact specific use categories are identified, although more issues could also affect each designated use.

**The Lake Summary** reviews and encapsulates the data in the lake report, including comparisons to historical data from this lake, and results from nearby lakes.

## Glossary of water quality and HAB indicators

**Clarity (m)**: The depth to which a Secchi disk lowered into the water is visible, measured in meters. Water clarity is one of the trophic indicators for each lake.

**TP (mg/L)**: Total phosphorus, measured in milligrams per liter at the lake surface (1.5 meters below the surface). TP includes all dissolved and particulate forms of phosphorus. TSP, or total soluble phosphorus, was collected in 2018 and discussed in the lake narrative section.

**Deep TP**: Total phosphorus measured in milligrams per liter at depth (1-2 meters above the lake bottom at the deepest part of the lake)

**TN**: Total nitrogen, measured in milligrams per liter at the lake surface. TN includes all forms of nitrogen, including **NOx** (nitrite and nitrate) and **$NH_4$** (ammonia).

**N:P Ratio**: The ratio of total nitrogen to total phosphorus, unitless (mass ratio). This ratio helps determine if a lake is phosphorous or nitrogen limited.

**Chl.a (µg/L)**: Chlorophyll a, measured in micrograms per liter. Indicates the amount of algae in the water column. This is an extracted chlorophyll measurement.

**pH**: A range from 0 to 14, with 0 being the most acidic and 14 being the most basic or alkaline. A healthy lake generally ranges between 6.5 and 8.5.

**Cond (µmho/cm)**: Specific conductance is a measure of the conductivity of water. A higher value indicates the presence of more dissolved ions. High ion concentrations (> 250) usually indicate hardwater, and low readings (< 125) usually show softwater.

**Upper Temp (°C)**: Surface temperature, measured in degrees Celsius

**Deep Temp (°C)**: Bottom temperature, measured in degrees Celsius

**BG Chl.a (µg/L)**: Chlorophyll a from blue-green algae, measured in micrograms per liter. This is an "unextracted" estimate using a fluoroprobe. This result is not as accurate as the extracted chlorophyll measurement described above.

**HABs: Harmful Algal Blooms.** Algal blooms that have the appearance of cyanobacteria (BGA)

**BGA**: Blue-green algae, also known as cyanobacteria

**Microcystin (µg/L)**: The most common HAB liver toxin; total microcystin above 20 micrograms per liter indicates a "high toxin" bloom. However, ALL BGA blooms should be avoided, even if toxin levels are low.

**Anatoxin-a (µg/L)**: A toxin that may be produced in a HAB which targets the central nervous system. Neither EPA nor NYS has developed a risk threshold for anatoxin-a, although readings above 4 micrograms per liter are believed to represent an elevated risk.

**Project Worksheet**

Project Title: Emma Rose Elliston Park Capital Improvements

Water Quality Improvements Proposal - Rain Gardens at Emma Elliston Park

**Unclassified Excavation**

| C.Y. | $120/C.Y. |
|---|---|
| 120 | $14,400.00 |

**Turf Establishment**

| S.Y. | $6/S.Y. |
|---|---|
| 350 | $2,100.00 |

**Rip Rap**

| Pallets | $150/Ton |
|---|---|
| 100 | $15,000.00 |

**Landscaping**

| Lump Sum | $15,000.00 |
|---|---|
| Total | $46,500.00 |

# DeAl Concrete Corp.

P.O. B ox 2038
St James NY. 11780
631-319-6117

# Estimate

**Estimate No:** 641
**Date:** 03/01/2022

**For:** TOWN OF SOUTHHAMPTON

| Description | Amount |
|---|---|
| SUFFOLK COUNTY DPW CONTRACT #ADA-090519<br>JOB: ELLISTON PARK PHASE (1)<br>CONCRETE STEPS, RAIN GARDES, &<br>DECORATIVE BLOCK RETAINING WALLS | $155,524.50 |
| ITEM 203.02 UNCL. EXCAVATION 1CY X 120.00= $19.200.00<br>ITEM 554.40 FILL TYPE RETAINING WALL<br>750SF X 55.00= $41,250.00<br>ITEM 555.0105 CONCRETE FOR STRUCTURES<br>31CY X 1,800.00= $55,800.00<br>ITEM 608.0101 CONCRETE SIDEWALK & APRONS<br>14CY X 750.00= $10,500.00<br>ITEM 304.10119917 SUBBASE 40CY X 70.00= $2,800.00<br>ITEM 403.178202 ASPHALT 8 TONS X 200.00= $1,600.00<br>ITEM 697.03 FIELD CHANGE PAYMENT INSTALLATION ONLY<br>RIP RAP STONE 40TONS X 150.00= $6,000.00<br>SILK FENCE 110LF X 20.00= 2,200.00<br>CONCRETE PUMP 2 DAYS EACH X 3,000.00= $6,000.00<br>ITEM 619.01 TRAFFIC MAINT. 07% X 145,350.00= $10,174.50 | |

| | |
|---|---|
| Subtotal | $155,524.50 |
| 0% | $0.00 |
| Total | $155,524.50 |
| **Total** | **$155,524.50** |

# DeAl Concrete Corp.

P.O. B ox 2038
St James NY. 11780
631-319-6117

# Estimate

**Estimate No:** 642
**Date:** 03/01/2022

**For:** TOWN OF SOUTHHAMPTON

| Description | Amount |
|---|---|
| SUFFOLK COUNTY DPW CONTRACT #ADA-090519<br>JOB: ELLISTON PARK PHASE (2)<br>INSTALL FIRST SECOND, & THIRD RETENTION BASINS<br>CONCRETE SLAB 8" FOR PARKING ASPHALT PATH<br><br>ITEM 203.02 UNCL. EXCAVTION 170CY X 120.00= $20,400.00<br>ITEM 608.0101 CONCRETE SIDEWALK & APRONS<br>22CY X 750.00= $16,500<br>ITEM 304.10119917 SUBBASE 45CY X 70.00= $3,150.00<br>ITEM 403.178202 ASPHALT 45 TONS X 180.00= $8,100.00<br>ITEM 697.03 FIELD CHANGE PAYMENT INSTALLATION ONLY<br>RIP RAP 140TONS X 150.00= $21,000.00<br>WASH OUT L/S= $4,800.00<br>ITEM 619.01 TRAFFIC MAINT. 07% X 73,950.00= $5,176.50 | $79,126.50 |

| | |
|---|---|
| Subtotal | $79,126.50 |
| 0% | $0.00 |
| Total | $79,126.50 |
| **Total** | **$79,126.50** |

**Southampton Town Board**
116 Hampton Road
Southampton, NY 11968

**ADOPTED**

Meeting: 11/09/21 01:00 PM
Department: Comptroller
Category: Budget & Finance
Prepared By: Lisa Petrolito
Initiator: Leonard Marchese
Sponsors: Supervisor Jay Schneiderman
DOC ID: 38718

**TOWN BOARD RESOLUTION 2021-1067**

# Adopt the 2022 - 2026 Capital Program and 2022 Capital Budget

WHEREAS, on September 27, 2021, the Southampton Town Supervisor filed the 2022-2026 Tentative Capital Program and 2022 Tentative Capital Budget with the Office of the Town Clerk; and

WHEREAS, the Tentative Capital Program and Budget was presented to the Town Board at a the regularly scheduled Town Board Meeting on September 28, 2021; and

WHEREAS, the Town Board converted the Tentative Capital Budget to the Preliminary Capital Budget for the fiscal year 2022 on October 7, 2021, for the purpose of scheduling a public hearing and considering amendments, changes and alterations to said document; and

WHEREAS, the Town Board conducted public hearings to hear any and all persons either for or against any item(s) contained in the Preliminary Capital Budget; and

WHEREAS, said hearings were held on October 26, 2021 and November 9, 2021, with said hearings closed on November 9, 2021; now therefore be it

RESOLVED, that the Town Board of the Town of Southampton hereby directs the Town Comptroller to make any and all necessary adjustments and revisions to said document as necessitated by any duly adopted amendments to the 2022-2026 Preliminary Capital Program and Budget; and be it further

RESOLVED, that the Town Board hereby converts the 2022 Preliminary Capital Program Budget, as amended, to the 2022 Final Capital Program and Budget for the Town of Southampton, and hereby adopts it.

## Financial Impact

To be determined by the Comptroller subsequent to the adoption of Town Board resolutions amending the 2022 Preliminary Capital Budget.

| | |
|---|---|
| **RESULT:** | **ADOPTED [UNANIMOUS]** |
| **MOVER:** | Jay Schneiderman, Supervisor |
| **SECONDER:** | Julie Lofstad, Councilwoman |
| **AYES:** | Schneiderman, Lofstad, Martel, Bouvier, Schiavoni |

# TOWN OF SOUTHAMPTON
# Capital Budget
## Project Summary

| | | | |
|---|---|---|---|
| **Project Title:** | Elliston Park | | |
| **Project ID:** | PR 22.3 | **Cost Center:** | H607 |
| **Department:** | Parks & Recreation Admin | **Manager:** | Kristen Doulos |
| **Bond Resolution 2:** | Transfer from 9900 | **Source of Funding:** | |
| **Project Type:** | Park Facilities Improvements | **Asset Type:** | Park Improvements |
| **Budget Year:** | 2022 | **Regions:** | |
| **Project Stage:** | Adopted | **Project Status:** | In Progress |

### Purpose

Repair/Replace retaining walls, install new ADA parking space and walkway to beach area, install rain gardens for stormwater mitigation.

### Justification

Make necessary repairs and improvements for safety and access down to pond area, and beautification of the park. Infrastructure is in poor condition. Retaining walls are failing and buckled, wood is rotted on steps causing trip hazards, rusty nails, fall heights without fencing. These improvements are important for safety, improved access, and beautification of the park.

### Related Resolutions

### Project Forecast

| Budget Year | Total Expense | Total Revenue | Difference |
|---|---|---|---|
| 2022 | 200,000 | 200,000 | 0 |
| **Total** | **200,000** | **200,000** | **0** |

### Project Comments

### Operating Budget Impact

### Related Projects

| Year Identified | Start Date | Completion Date |
|---|---|---|
| 2022 | Jan 1, 2022 | |

### Actual Expenses

| Budget Year | Adopted Budget | Amended Budget | Actual Expenses |
|---|---|---|---|
| 2022 | 200,000 | 200,000 | 0 |
| **Total Expenses** | | | **0** |