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

2023

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

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

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

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

WATER QUALITY IMPROVEMENT PROJECT MEANS:

[1] DEFINITIONS:

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

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

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

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

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

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

Project Applicant: Westhampton Beach Performing Arts Center
Project Title: Sanitary Sewer Connection
Project Manager Name: Frank Russell

Name	Frank Russell
Title	Director of Production and Facilities
Organization	Westhampton Beach Performing Arts Center
Address	76 Main Street, Westhampton Beach, NY 11978
Phone	631-288-2350
Email	Frankr@whbpac.org

Property owner (if different from Project manager organization):

Name	Same
Affiliation	
Organization	
Address	
Phone	
Email	

Project Address: 76 Main Street, Westhampton Beach, NY 11978 SCTM #(S) 905-12-4-29.001

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

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

The Westhampton Beach Performing Arts Center (WHBPAC) is proposing to install a sanitary sewer building connection to the Village of Westhampton Beach Phase 1 Sewer System that was recently completed. More specifically, the WHBPAC will install building laterals from the three (3) building on-site to connect to the lateral stub provided at right-of-way under the Village sewer construction project. Flow from this parcel will then be conveyed to Suffolk County Sewer District No. 24 - Gabreski Sewage Treatment Plant (STP) via the municipal collection and conveyance system.

The WHBPAC parcel is located in a high priority area for nitrogen reduction as defined by the Town of Southampton Water Quality Improvement Project Plan. Nitrogen pollution in these areas contributes to the nutrient loading of Moneybogue Bay which is a NYSDEC 303d impaired water-body. By connecting to the municipal sewer the WHBPAC is significantly reducing it's share of the nitrogen loading to groundwater that eventually finds its way to the local surface waterways.

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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.**

- [x] 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).

- [x] 303(d) Impaired
- [ ] Peconic Estuary Program - PEP map
- [x] 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).

Please see attached responses.

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.

Please see attached responses.

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

Please see attached responses.

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).

Please see attached responses.

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.

The pollutant load reduction from the connection of WHBPAC to the Village collection system can be estimated based on the current level of treatment through the on-site systems and the future level of treatment when connected to Suffolk County Sewer District #24 – Gabreski Sewage Treatment Plant. The pollutant of concern for surface water on Long Island is Nitrogen, which has been linked to harmful algae blooms and water quality degradation. Typical Nitrogen concentration from residential sanitary wastewater without treatment is 65 mg/L. Once connected to the collection and conveyance system the wastewater will be conveyed to the Gabreski STP and be treated to a Nitrogen concentration of 10 mg/L. This is a reduction of 55 mg/L of Nitrogen or roughly 85% reduction. This equates to 234 lbs of Nitrogen a year being eliminated from entering groundwater.

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

The WHBPAC would be in support of efforts of the Town, Village, and County to monitor water quality. Since flow from this parcel will be conveyed to a County treatment plant the effluent is routinely sampled and monitored under the County's SPDES permit. Data on effluent quality is publicly available through the EPA (https://echo.epa.gov/)

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

The PVC pipe used in sewer construction has a estimated minimum service life of 50-years. There are no mechanical or electrical components as part of the proposed connection.

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.

We have a $11,500 quote in writing from All Island Plumbing, a Suffolk County approved contractor. See attached for the written quote.

5b. Describe any matching funds to be provided.

We are requesting a grant for the entire cost of the project. As a non-profit we are working with a limited budget and we are not currently planning on a match.

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.

We are a 501 (c)3 non-profit with a limited budget. We would have to do additional fundraising in order for us to proceed with this project.

6. MANAGEMENT, EXPERIENCE, ABILITY

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

In the past couple of years we have completed or are in the process of completeing the following major capital projects:
-Repair the stucco on the exterior of the main theatre building.
-Repair the marquee and replace roof top and a/c units.
-Upgrade dimmers, lighting inside the theatre, as well as stage tracking.

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

Our Board of Directors are in favor of this sewer connection project.

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

The following permits are required and expected to be secured by December 2023 when work commences.
- Suffolk County Department of Public Works - Sewer Connection
- Suffolk County Department of Health Services - Septic System Abandonment

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7. MAINTENANCE, MONITORING, EVALUATION

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

Maintenance cost for the proposed connection will be minimal. There are no electrical or mechanical components that would require regular scheduled maintenance. Maintenance of the connection will be on an as needed basis and consist of a plumber flushing/snaking the line if a blockage were to occur. The expected maintenance is less than that of the existing system which requires pumping of the septic tank and cesspools.

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.

A quote for the work has already been received from a Suffolk County DPW approved sewer contractor. All work is scheduled to commence in December 2023 and be completed by January 2024. This coincides with the Theater's off season when connection will not disrupt theater-goers.

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

Not Applicable.

9. ATTESTATION

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

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

Signature: Christine Alford Date 3/15/2023

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

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

11. OTHER ATTACHMENTS

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

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BUDGET PROPOSAL

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

PLANNING/ENGINEERING/DESIGN	Town CPF Request	Matching Funds Committed	Matching Funds Pending	Estimated Total Project Costs
Task 1-Engineering Planning	$-3,200.00	$-	$-	$-3,200.00
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	$-3,200.00	$-0.00	$-0.00	$-3,200.00

Contractual Services				
	$-	$-	$-	$-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				
Sewer Connection	$-11,500.00	$-	$-	$-11,500.00
Landscape Restoration	$-4,000.00	$-	$-	$-4,000.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
Construction & Site Improvements Cost Total	$-15,500.00	$-0.00	$-0.00	$-15,500.00

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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
	$-	$-	$-	$-0.00
	$-	$-	$-	$-0.00
				$ 0.00
				$ 0.00
				$ 0.00
				$ 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)	$- 3,200.00	$- 0.00	$- 0.00	$- 3,200.00

Total Project Cost	$-18,700.00
Applicant matching funds committed	$-0.00
Applicant matching funds pending approval (e.g. grant request submitted pending determination)	$-0.00
Total CPF Funds Requested	$-18,700.00

Source of matching funds	Amount

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

APPLICANT'S INFORMATION

Owner: Westhampton Beach Performing Arts Center
Contact First and Last Name: Christine Alford
Contact Address: 76 Main Street, Westhampton Beach, NY 11978
Contact Phone: 631-288-2350 X 117
Contact Email: Christinea@whbpac.org

CONTRACT RECIPIANT INFORMATION

Name/Organization: Westhampton Beach Performing Arts Center
Contact Person/Officer: Christine Alford
Contact Address: 76 Main Street, Westhampton Beach, NY 11978
Contact Phone: 631-288-2350 X 117
Contact Email: Christinea@whbpac.org

PROJECT INFORMATION

Project Title: Westhampton Beach Performing Arts Center - Sanitary Sewer Connection
Project Location: 76 Main Street, Westhampton Beach, NY 11978
Project Description (1-3 sentences):

CPF funds are requested to support installation of sewer infrastructure to connect the Westhampton Beach Performing Arts Center to the village of Westhampton Beach Phase 1 sewer service area.

ANTICIPATED PROJECT TIMELINE

Begin: 4th Quarter 2023
Complete: 1st Quarter 2024
Notes:

Exact schedule will be determined based on theater off-season and contractor schedule.

Section 3 - Project Description

PROJECT OVERVIEW

The Westhampton Beach Performing Arts Center (WHBPAC) is proposing to install a sanitary sewer building connection to the Village of Westhampton Beach Phase 1 Sewer System that was recently completed. More specifically, the WHBPAC will install building laterals from the three (3) building on-site to connect to the lateral stub provided at right-of-way under the Village sewer construction project. Flow from this parcel will then be conveyed to Suffolk County Sewer District No. 24 - Gabreski Sewage Treatment Plant (STP) via the municipal collection and conveyance system.

The WHBPAC parcel is located in a high priority area for nitrogen reduction as defined by the Town of Southampton Water Quality Improvement Project Plan. Nitrogen pollution in these areas contributes to the nutrient loading of Moneybogue Bay which is a NYSDEC 303d impaired water-body. By connecting to the municipal sewer the WHBPAC is significantly reducing it's share of the nitrogen loading to groundwater that eventually finds its way to the local surface waterways.

3. PROJECT DESCRIPTION

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

EXECUTIVE SUMMARY

The surface water bodies of the eastern portion of Moriches Bay, Moniebogue Bay, and Quantuck Bay that surround the Inc. Village of Westhampton Beach (Village) have experienced an increase in recurring red, brown and rust tides. Due to these conditions, the water bodies were added to the New York State Department of Environmental Conservation (NYSDEC) Section 303(d) List of Impaired Waters Requiring a TMDL/Other Strategy in 2010. The pollutants of concern identified by the NYSDEC are nitrogen and low dissolved oxygen with onsite wastewater disposal systems and urban runoff as the suspected sources. The impacts from the ongoing degradation of these surface water bodies can be seen through the significant loss of native plant and shellfish species. A recent study prepared by Dr. Christopher J. Gobler (Dr. Gobler) has also identified the high nutrient loading to be attributed to outdated onsite septic systems and cesspools serving the surrounding homes and businesses located within the Village of Westhampton Beach (Village) [1].

As a first step towards mitigating the existing water quality issues, the Village constructed a sewer system to collect and convey 60,000 gallons per day (GPD) of sanitary wastewater generated within the Main Street business corridor (i.e. Phase 1 service area) to the existing Suffolk County Sewer District No. 24 (SCSD #24) wastewater treatment plant located at Gabreski Airport, however, in order to realize the benefits the properties located within the Phase 1 area must first connect to the Village infrastructure and abandon their conventional on-site sanitary disposal systems. The sanitary wastewater flow from the Westhampton Beach Performing Arts Center (WHBPAC) property is estimated at 1,395 gallons per day. To connect to the Village system, the WHBPAC needs to install new gravity sewer building connection(s) from the existing buildings located on-site to the newly constructed lateral stub in the right-of-way. The connection of the WHBPAC Property puts the goals identified under the Village's Phase 1 sewer plans a step closer to being achieved. By connecting the 425 seat theater the benefit is roughly equivalent to the connection of 4 single-family homes providing a cost-per-gallon benefit for connection.

[1] Dr. Christopher J. Gobler, PhD. Quantifying Nitrogen Loading to from Village of Westhampton Beach to Surrounding Water Bodies and Their Mitigation by Creating a Sewer District. June 2017. Prepared for the Village of Westhampton Beach, Village Board of Trustees.

BACKGROUND

The existing WHBPAC property is located at 76 Main Street in the Village of Westhampton Beach is comprised of three buildings, one (1) 425 seat theater and two (2) smaller structures used as office and studio space. The buildings are all located on a 0.41 acre property that fronts Sunset Avenue to the West and Main Street to the South. The parcel is located within the Phase 1 service area of the proposed Village Sewer System. All properties served by the Phase 1 sewer area will be required to connect to the collection system within the first 12-months of sewer availability in accordance with Suffolk County Code section 740-44 B. Connection to a centralized sewer system is an important step towards preventing the degradation of water quality by reducing the quantity of nutrients and pollutants that can make their way to surface waters.

Existing On-Site Sanitary Disposal Systems

The existing disposal system for the theater consist of a septic tank which discharges to three (3) leaching pools located on the East side of the property. The 2-story frame building used for office space has a separate disposal system consisting of two (2) 8' diameter cesspools. See 1997 site survey from Raynor & Marcks Surveyors, P.C. for overview of existing site and existing on-site sanitary disposal system configuration.

Geological Conditions

The topography of the site generally slopes from north to south. Ground surface elevations within this area generally range between approximately 5-feet to 15-feet above mean sea level (MSL) based on commercially available topographical mapping information through the New York State GIS Clearing house. Groundwater elevations at the site range between approximately 5-feet to 10-feet below ground surface (BGS) based on the Long Island Depth to Water Viewer hosted by USGS.[2] The frost line in Suffolk County can vary based on soil conditions from 3 to 4 feet below grade.

Environmental Resources

The closest limit of construction disturbances to surface water for the proposed work is approximately 480-feet from Moniebogue canal, upstream of where it discharges to Quantuck Canal, which feeds Quantuck Bay to the east and eastern portion of Moriches Bay to the west. As defined by the US Fish & Wildlife Service National Wetland Inventory, at the point of discharge, Moniebogue Bay and the downstream water bodies are classified as estuarine and marine deep-water habitat (E1UBL)[3]. The NYS DEC (6 CRR-NY X A 2 701) classifies these water bodies as Class SA, which is defined "as a saline surface water for shell fishing for market purposes, primary and secondary contact recreation and fishing. These waters shall be suitable for fish, shellfish and wildlife propagation and survival."[4] No construction impact to surface water is anticipated as a result of this action.

Flood Plain Considerations

The entirety of the site is located outside the 1% annual chance flood hazard zone (Zone AE) with a base flood elevation (BFE) of 7-ft as described by FEMA Flood Insurance Rate Map (FIRM) number 36103C0767H, effective on September 25, 2009.

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[2] https://ny.water.usgs.gov/maps/li-dtw/
[3] Data was obtained from: https://www.fws.gov/wetlands/data/Mapper.html
[4] Data was obtained from: https://govt.westlaw.com/nycrr/Document/I4ed840c2cd1711dda432a117e6e0f345?viewType=FullText&originationContext=documenttoc&transitionType=CategoryPageItem&contextData=(sc.Default)

3b. How the proposed solution address the issue in the context of Reduction, Remediation and/or Restoration as per the CPF Water Quality Project Plan.

BASIS OF DESIGN

The Village sewer project provided one (1) 6" Ø lateral connection stub to the property along the Sunset Avenue frontage. See attached sewer connection as-built for location of stub. The stub is located approximately 6.4-ft below grade and to connect the WHBPAC's contractor will need to disconnect the building connections from the existing systems and re-pitch the pipe at a minimum slope of 2% to the stub. Construction will be sequenced to both minimize site access impacts and to prevent any unpermitted discharge of sanitary wastewater.

Sanitary Flow Determination

The sanitary flow used for basis of design of the sewer connection is determined by using Suffolk County Department of Health Services Standards for Approval of Plans and Construction for Sewage Disposal Systems other than Single-Family Residences. Using Table 1 – Project Density Loading Rates the relevant density loadings are Theater at 3 gpd/seat and Nonmedical Office Space at 0.06 gpd/SF. See Table 1 below for breakdown of SCDHS flows.

Table 1 – SCDHS Design Sewage Flow

Use	Unit Count	SCDHS Density Load	Flow (gpd)
Theater	425 seats	3 gpd/seat	1,275 gpd
Office/Studio Space	~2,000 SF	0.06 gpd/sf	120 gpd
Total			**1,395 gpd**

Pollutant Load Reduction

The pollutant load reduction from the connection of WHBPAC to the Village collection system can be estimated based on the current level of treatment through the on-site systems and the future level of treatment when connected to Suffolk County Sewer District #24 – Gabreski Sewage Treatment Plant. The pollutant of concern for surface water on Long Island is Nitrogen, which has been linked to harmful algae blooms and water quality degradation. Typical Nitrogen concentration from residential sanitary wastewater without treatment is 65 mg/L. Once connected to the collection and conveyance system the wastewater will be conveyed to the Gabreski STP and be treated to a Nitrogen concentration of 10 mg/L. This is a reduction of 55 mg/L of Nitrogen or roughly 85% reduction. This equates to 234 lbs of Nitrogen a year being eliminated from entering groundwater.

$$55\frac{mg}{L} * 0.001395\ MGD * 8.34 = 0.64\ lbs\frac{N}{Day}$$

$$0.64\ lbs\frac{N}{Day} * 365\frac{Days}{Year} = 234\ lbs\frac{N}{Year}$$

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

All on-site sanitary infrastructure will be constructed in accordance with SCDHS and SCDPW requirements. The building connections from each building will be intercepted and rerouted as required with minimum 6" Ø SDR-35 PVC pipe and will connect to the existing lateral stub in right-of-way. All proposed building connections will be constructed with a minimum slope of ¼" per foot or ~2%.

The installation of all sanitary infrastructure will be performed in accordance with local regulatory requirements and adhere to Ten States Recommended Design Standards for Wastewater Facilities, Suffolk County Department of Health Services, and Suffolk County Department of Public Works design standards.

All materials used for construction of the on-site sanitary infrastructure improvements shall be intended for use as part of a sanitary wastewater collection system. All gravity sewer piping/building connections will be constructed of minimum SDR-35 PVC piping.

Gravity sewer systems are one of the oldest forms of collection systems used to convey sanitary waste. As the name implies gravity sewers rely on gravity to convey wastewater to a location where it can be treated. Due to this there are no "moving parts" and gravity sewers can operate for years with very little maintenance, making the an ideal solution to conveying large quantities of water.

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

Town of Southampton Water Quality Improvement Project Plan (WQIPP)[5]

In accordance with State Law Chapter 551, a "wastewater treatment improvement project," is a "water quality improvement project" that is eligible for CPF funding. Under the statute, "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." Therefore, the proposed project is eligible for CPF funding.

The WQIPP quotes the Suffolk County Comprehensive Water Resources Management Plan (2015), which states that, "nitrogen pollution from septic systems has clearly emerged as the most widespread and lease well addressed of the region's growing list of water pollutants." The plan goes on to say that "nitrogen loading to watersheds of Southampton must be reduced in order to restore ecological health and maintain drinking water standards."

Westhampton Beach Performing Arts Center is located in a WQIPP High Priority area (P. 54). See attached map.

Suffolk County Subwatershed Plan[6]

Quantuck Bay, Quantuck Canal, and Moniebogue Bay are identified as a Priority 1 subwatershed for nitrogen reduction via wastewater management (p. 2-74).

Suffolk County Water Resources Management Plan[7]

The proposed project supports Nitrogen recommendation 1.15, Seek ways to remediate existing nitrogen pollution and its impacts. Key Milestone b., "Advance sewer expansion projects as funding becomes available," is also supported. (Table 9-1)

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[5] https://www.southamptontownny.gov/DocumentCenter/View/7318/Water-Quality-Improvement-Plan-CPF-Referendum-PDF?bidId=

[6] https://suffolkcountyny.gov/Portals/0/formsdocs/planning/CEQ/2020/RevisedComplete%20SWP2-21-20.pdf

[7] https://www.suffolkcountyny.gov/Portals/0/FormsDocs/Health/EnvironmentalQuality/ComprehensiveWaterResourceManagementPlan/Section%209%20Plan%20Implementation.pdf

Short Environmental Assessment Form
Part 1 - Project Information

Instructions for Completing

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

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

Part 1 – Project and Sponsor Information

Name of Action or Project:
Westhampton Beach Performing Arts Center Connection to Village Phase 1 Sewer System

Project Location (describe, and attach a location map):
Village of Westhampton Beach

Brief Description of Proposed Action:
The Westhampton Beach Performing Arts Center (WHBPAC) is proposing to install a sanitary sewer building connection to the Village of Westhampton Beach Phase 1 Sewer System that was recently completed. More specifically, the WHBPAC will install building laterals from the three (3) building on-site to connect to the lateral stub provided at right-of-way under the Village sewer construction project. Flow from this parcel will then be conveyed to Suffolk County Sewer District No. 24 - Gabreski Sewage Treatment Plant (STP) via the municipal collection and conveyance system.

Name of Applicant or Sponsor:	Telephone: 631-288-2350 x 117
Christine Alford - Director of Development	E-Mail: christinea@whbpac.org

Address:
76 Main Street

City/PO:	State:	Zip Code:
Westhampton Beach	NY	11978

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

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

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

5. ☐ Urban ☐ Rural (non-agriculture) ☐ Industrial ☑ Commercial ☐ Residential (suburban)
   ☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other(Specify):
   ☐ Parkland

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

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

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

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

	NO	YES
9. Does the proposed action meet or exceed the state energy code requirements?		
If the proposed action will exceed requirements, describe design features and technologies:		
Not Applicable. Proposed action is Gravity Sewer Connection with no other change to building.	☐	☑

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

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

	NO	YES
12. a. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places?	☑	☐
b. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?	☑	☐

	NO	YES
13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?	☐	☑
b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?	☑	☐
If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: _____		

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

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

☐ Wetland ☐ Urban ☑ Suburban

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

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

Applicant/sponsor/name: Christine Alford Date: 3/15/2023

Signature: Christine Alford Title: Director of Development

PRINT FORM

All Island Plumbing Inc.
916 Lincoln Avenue
Holbrook, NY 11741

Estimate

Date	PROPOSAL
3/15/2023	1390

Doug Mees
Cell: 631-774-7625
Email: islandhelical@yahoo.com

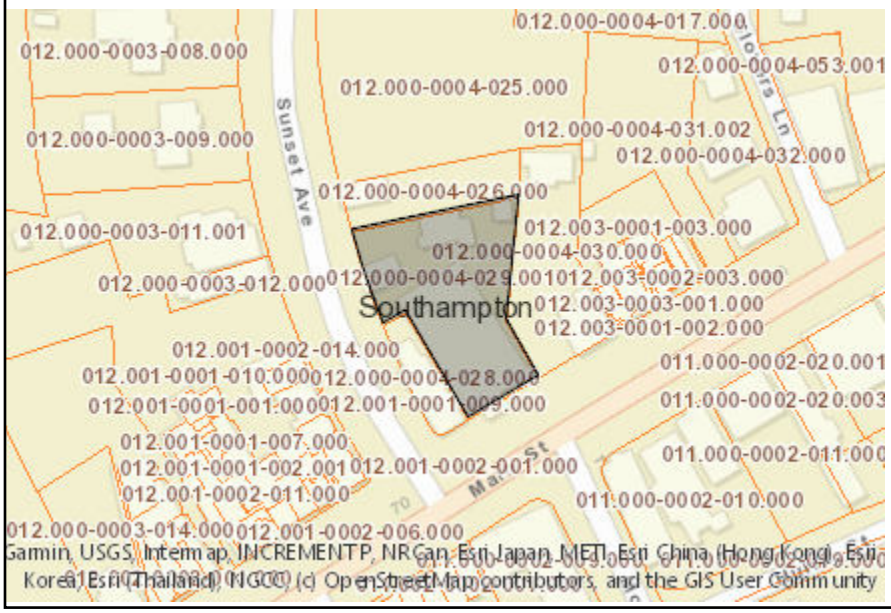
Name / Address	Site Location
Frank Russell	76 Main Street Westhampton Beach

Description	Qty	Cost	Total
Install sewer to county code. Supply and install 1 sampling manhole and piping needed to connect to county sewer.		11,500.00	11,500.00

Total $11,500.00

EAF Mapper Summary Report

Tuesday, March 14, 2023 9:29 AM

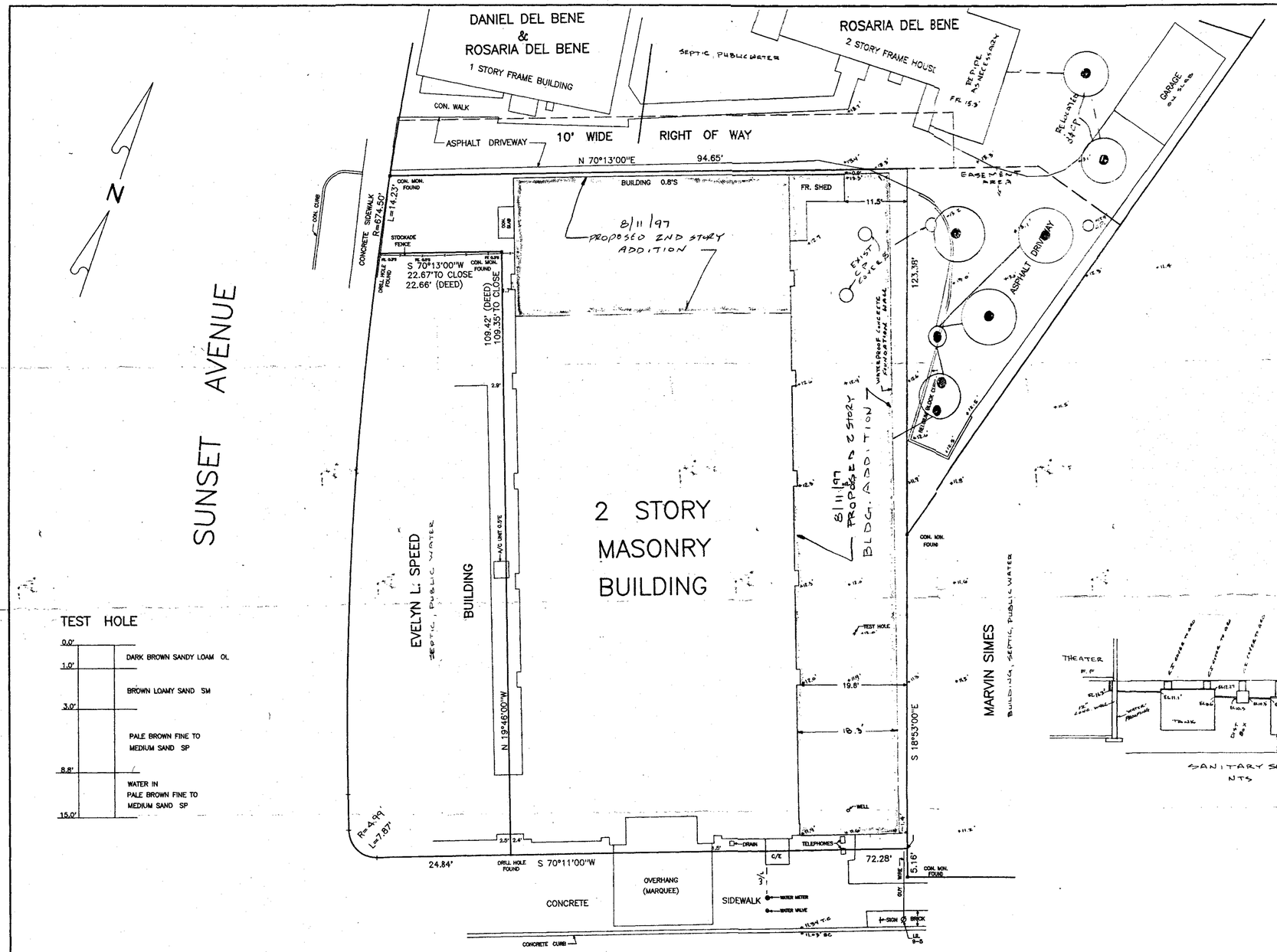


Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.

Part 1 / Question 7 [Critical Environmental Area]	No
Part 1 / Question 12a [National or State Register of Historic Places or State Eligible Sites]	No
Part 1 / Question 12b [Archeological Sites]	No
Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
Part 1 / Question 15 [Threatened or Endangered Animal]	No
Part 1 / Question 16 [100 Year Flood Plain]	No
Part 1 / Question 20 [Remediation Site]	No

Existing Conditions Photos

Existing Sanitary System



SANITARY DESIGN

PROPERTY AREA = 9339 SQ.FT.
GROUND WATER MANAGEMENT ZONE IV.
ALLOWABLE FLOW - 600 GPD PER ACRE EQUIVALENT

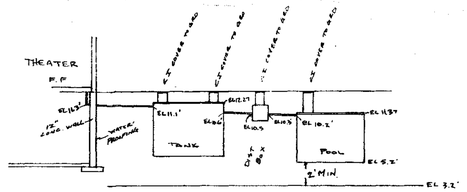
EXISTING THEATER - 317 SEATS
PROPOSED PROFORMING ARTS CENTER - 450 SEATS

PROPOSED SANITARY DESIGN
450 SEATS x 1.5 G.P.D. = 675 GPD
PROVIDE 1-1500 GAL. SEPTIC TANK
(8'ϕ x 5' LIQUID DEPTH)
3 - 10'ϕ X 5' DEEP LEACHING POOLS

EXISTING SANITARY SYSTEM TO BE REMOVED AND RELOCATED AS NOTED
SITE TO BE RESTORED IN KIND

TEST HOLE

0.0'	DARK BROWN SANDY LOAM OL
1.0'	BROWN LOAMY SAND SM
3.0'	PALE BROWN FINE TO MEDIUM SAND SP
8.8'	WATER IN PALE BROWN FINE TO MEDIUM SAND SP
15.0'	



SANITARY SECTION
NTS

EXISTING LOT COVERAGE
BUILDING & FR SHED 6196 SQ FT
6196 ÷ 9339 x 100 = 66.4 %

PROPOSED LOT COVERAGE
BUILDING 8309 SQ FT
8309 ÷ 9339 x 100 = 89.0 %

LANDSCAPED AREA - 910 SQ FT (PROPOSED)
910 ÷ 9339 x 100 = 9.74 %

TAX MAP
DISTRICT: 0905
SECTION: 012
BLOCK: 04
LOT: 29

905-12-4-29 - 76 Main

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

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CERTIFICATIONS INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED, AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

RAYNOR & MARCKS
SURVEYORS, P.C.
QUOGUE, N.Y.
516-653-4066

D37-50A

SITE PLAN
FOR

WESTHAMPTON BEACH PERFORMING ARTS CENTER INC.

090003

SITUATE

WESTHAMPTON BEACH

TOWN OF SOUTHAMPTON SUFFOLK COUNTY, N.Y.
SURVEYED: MAY 21, 1997 SCALE: 1 INCH = 10 FEET
SITE PLAN PREPARED: MAY 21, 1997 AUGUST 11, 1997 AREA: 9,339 SQ. FT.

RECEIVED
SEP 17 1997
INC. VILLAGE OF WESTHAMPTON BEACH BUILDING DEPT.

STATE OF NEW YORK
STEPHEN M. MARCKS
LICENSED LAND SURVEYOR

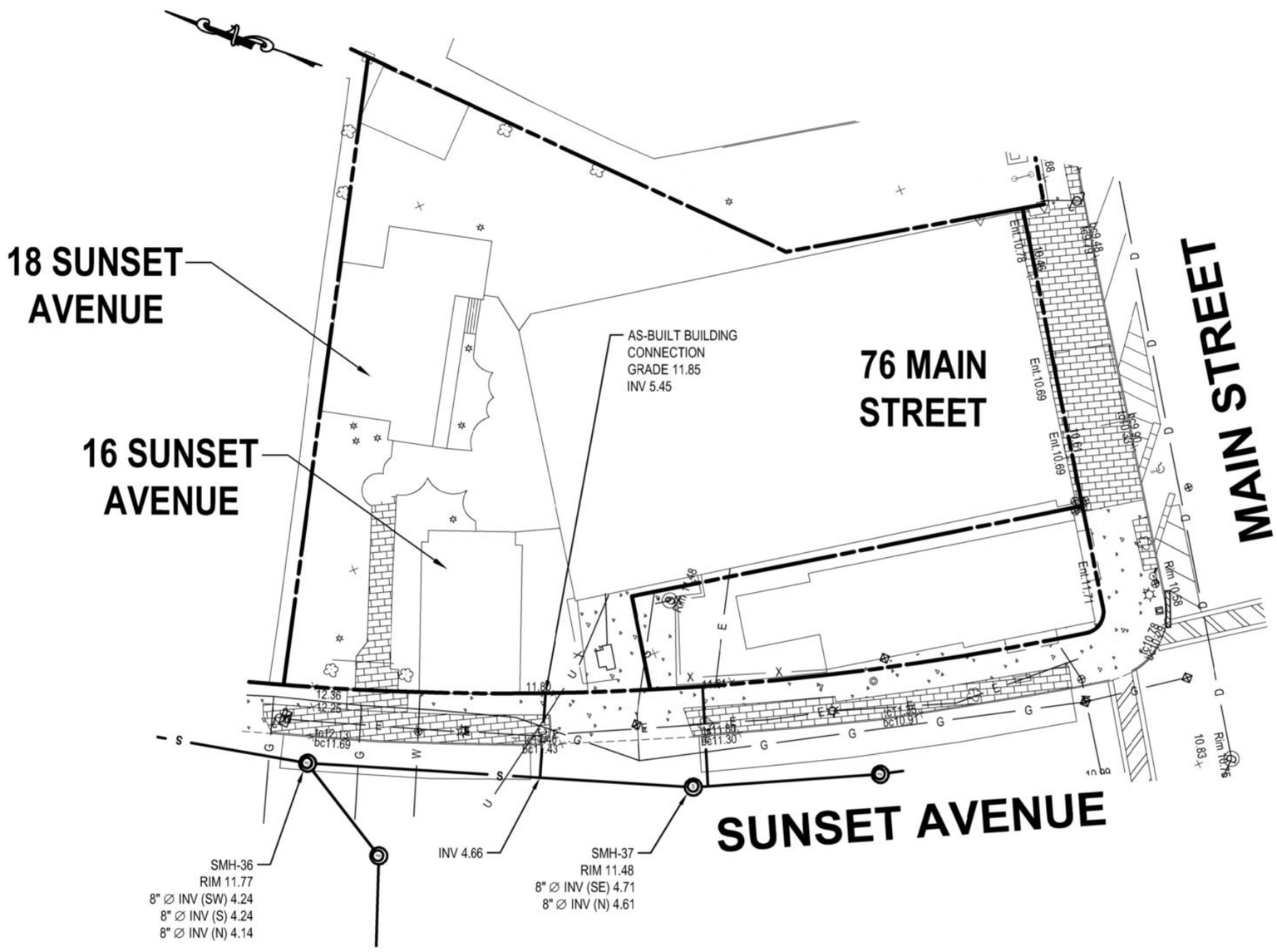
10 0 10 20 30
GRAPHIC SCALE - FEET

905-12-4-29 - 76 Main

D37-50A

LEGEND

PROPERTY LINE



GRAPHIC SCALE

30 0 15 30

(IN FEET)

1 inch = 30 ft.

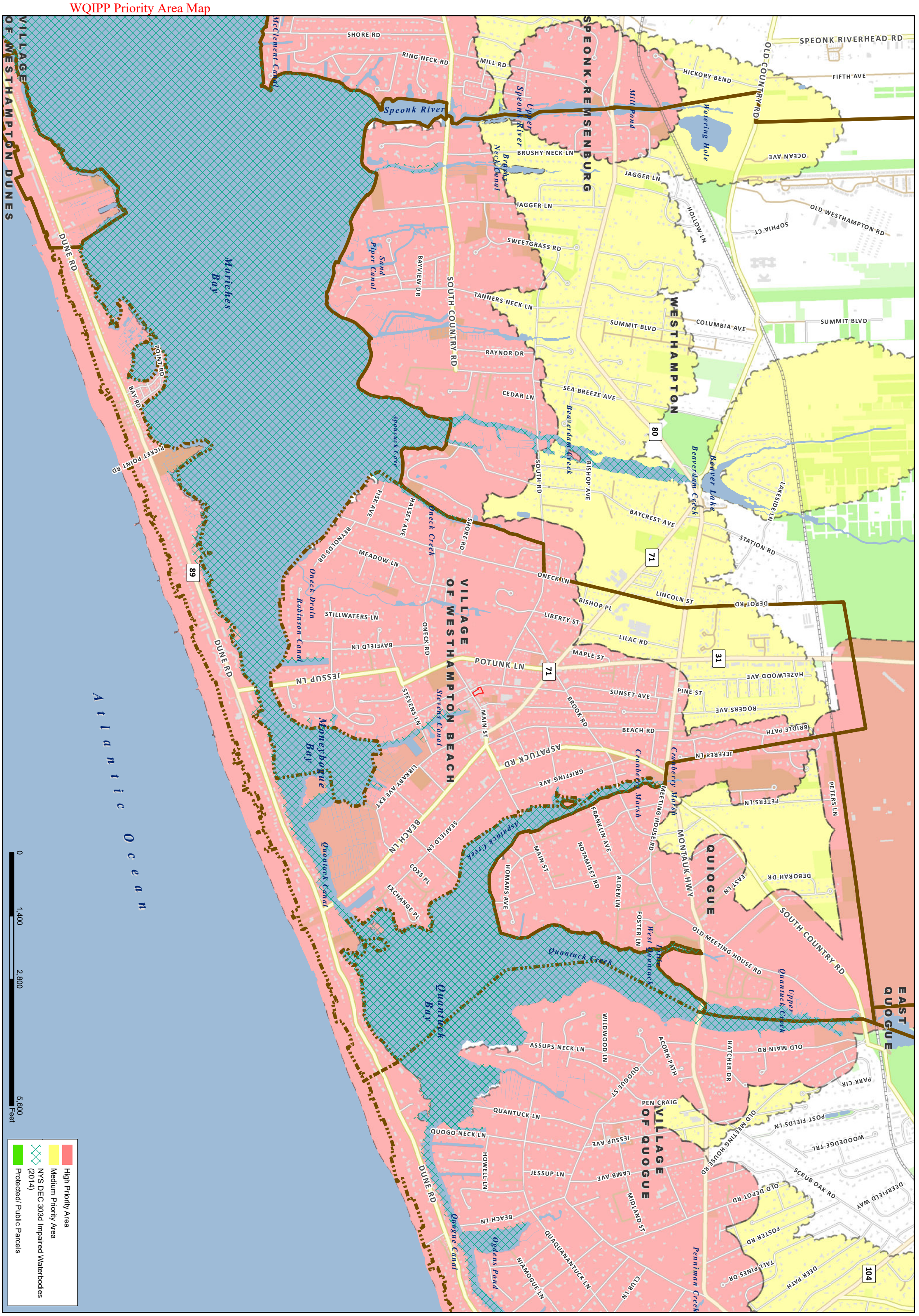
Village of Westhampton Beach
Phase 1 Sewer District
Sewer Connection Plan

76 Main Street
16 & 18 Sunset Avenue
Westhampton Beach, NY 11978

Suffolk County Propery Tax Map No.

SCTM:	05 DISTRICT	12 SECTION	04 BLOCK	29.001 LOT

WQIPP Priority Area Map



Town of Southampton CPF Water Quality Improvement Project Plan

VILLAGE OF WESTHAMPTON BEACH

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