

COUNTY OF SUFFOLK



STEVEN BELLONE
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

JAMES L. TOMARKEN, MD, MPH, MBA, MSW
COMMISSIONER

February 7, 2017

Mr. John Corral
Suffolk County Department of Economic Development and Planning
H Lee Dennison Bldg/4th Floor
100 Veterans Memorial Highway/PO Box 6100
Hauppauge, New York 11788.0099

Re: Suffolk County Wastewater Management Program for the Mitigation of Nitrogen Impacts from Wastewater Sources

Dear Mr. Corral:

Please find an electronic copy (.pdf file) attached of the Draft Final Scoping Document for the "Suffolk County Wastewater Management Program for the Mitigation of Nitrogen Impacts from Wastewater Sources" and all required attachments. We would appreciate it if you could put this on the schedule for the February 15, 2017 meeting of the Council on Environmental Quality.

Thank you for your continuing cooperation. If there are any questions, or additional materials are required, please feel free to contact me at (631) 852.5809.

Very truly yours,

Kenneth Zegel, PE
Associate Public Health Engineer

kn.
Attachment.



Office of Ecology
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FINAL SCOPING DOCUMENT
Generic Environmental Impact Statement
Suffolk County Subwatersheds Wastewater Plan
*Suffolk County Wastewater Management Program for the Reduction of Nitrogen Loading from
Wastewater Sources*
Suffolk County, New York
February 2017

1.0 Introduction

This Final Scoping Document has been prepared to initiate the environmental review process for the approval and implementation of the Suffolk County Subwatersheds Wastewater Plan (SC SWP). The SC SWP will support the development of a County-wide wastewater management strategy through the establishment of 'priority areas' for nitrogen reduction, establishment of nitrogen load reduction goals for each priority area, and the development of a recommended wastewater upgrade strategy to meet nitrogen load reduction goals. Changes to the County Sanitary Code will enable the Suffolk County Department of Health Services (SCDHS) to work with United States Environmental Protection Agency (USEPA), New York State Department of Environmental Conservation (NYSDEC), Towns, Villages, residents, property owners and other stakeholders to implement the wastewater treatment technologies required to achieve the nitrogen reduction goals. This document presents an outline of the Generic Environmental Impact Statement (GEIS) and identifies the information that will be collected and evaluated to assess the potential environmental impacts that could result from implementation of the recommendations provided in the SC SWP.

This Scoping Document includes a:

- Description of the Proposed Action,
- An outline of the GEIS, which will address potentially significant environmental impacts of the proposed action and include preliminary identification of mitigating measures, reasonable alternatives to the proposed action, growth inducing, secondary and cumulative impacts, and
- Public Comment that has been received on the Draft Scoping Document.

The GEIS will be prepared using existing available data; no field studies or field data collection are anticipated. Site-specific data collection may be required to complete a project specific, or study-area specific draft/final EIS (D/FEIS).

The SCDHS Division of Environmental Quality (DEQ) is the project proposer. On August 31, 2016 SCDHS DEQ notified interested and involved agencies of its intent to assume Lead Agency status and as such in accordance with Title 6 NYCRR Part 617.6(a) and (b) classify this proposed action as a Type I Action. No objections were received within 30 days of the mailing. The Suffolk County Council on Environmental Quality (CEQ) addressed this proposed project at their September 21, 2016 meeting and the Suffolk County Legislature passed Resolution HSV #66-2016 at their October 5, 2016 meeting, identifying the proposed action as a Type I action under SEQRA and initiating the

scoping process. SCDHS DEQ as Lead Agency status under the New York State Environmental Quality Review Act (SEQRA) is responsible for conducting the environmental review of this proposed action. The proposed action will undergo a coordinated environmental review whereby a SEQRA Draft GEIS will be prepared to comprehensively address requirements of both federal and state laws and regulations.

Working together with the SCDHS, the Suffolk County Department of Economic Development and Planning and the Suffolk County Legislature, CEQ convened two Public Scoping Hearings to provide opportunity for public comment on the Draft Scoping Document. The first Public Scoping Hearing was held on November 29, 2016 at the Suffolk County Water Authority (SCWA) Education Center in Hauppauge, New York and the second Public Scoping Hearing was held on December 1, 2016 at the Suffolk County Community College Culinary Arts and Hospitality Center in Riverhead, New York. In addition, the Draft Scoping Document was posted on both the Suffolk County Department of Economic Development and Planning and the SCDHS websites, and written comments were accepted through December 13, 2016.

The Final Scope summarized in this document reflects the addition of the relevant issues that were identified during the public scoping process, including all comments received through December 13, 2016, and also identifies issues that were identified that will not be included in the GEIS. This Final Scope will be the basis for the GEIS.

2.0 Proposed Action

The Draft GEIS is being prepared to address the SEQRA requirements for the implementation of the SC SWP. The proposed action is for the implementation of the SC SWP which will support the development of a County-wide wastewater management strategy through the establishment of 'priority areas' for nitrogen reduction, establishment of nitrogen load reduction goals for each priority area, and a development of a recommended wastewater upgrade strategy to meet nitrogen load reduction goals. Changes to the County's Sanitary Code will be required to implement the recommendations provided in the SC SWP. There are expected to be six major recommendations within the SC SWP as follows:

1. Recommended Wastewater Management Strategy

The SC SWP will be used by the County to support the development of a County-wide wastewater management strategy. The SC SWP will:

- Evaluate nitrogen loading to groundwater and surface water;
- Evaluate surface water sensitivity;
- Establish tiered priority area boundaries for nitrogen reduction;
- Establish nitrogen load reduction goals for each priority area; and,
- Evaluate cost and benefits of wastewater management alternatives based primarily upon the following treatment methods:
 - Innovative/alternative onsite wastewater treatment systems (I/A OWTS);
 - Clustered/decentralized ("Appendix A") systems; and,
 - Sewage Treatment Plants (STPs) to include only currently proposed projects.

A description of the three treatment methods is provided below. Using these three treatment methods and the results and recommendations of the SC SWP, Suffolk County will work with

policyholders and stakeholders to develop final recommended actions and establish a final recommended wastewater management strategy to reduce nitrogen within the priority areas of the County. The approach will be completed in phases to focus resources at the County's highest priority areas first (as defined in the SC SWP) and will consider activities that will prompt wastewater treatment upgrades under various scenarios including the following potential trigger points:

- Cesspool failure;
- New construction;
- Reconstruction;
- Property transfer;
- Grandfathered residential sites with legacy cesspools;
- Grandfathered residential sites with lot sizes below current Sanitary Code requirements;
- Grandfathered Other Than Single Family Residential sites including grandfathered SPDES and failed denitrification system sites;
- Large capacity cesspools, and
- Phased upgrades homes and businesses with conventional septic systems within the tiered priority area boundaries defined in the SC SWP.

Implementation of the scenarios identified above will require modification to Article V (General Sanitation) and Article VI (Realty Subdivisions, Developments and Other Construction Projects) of the Suffolk County Sanitary Code. Finally, Transfer of Development Rights (TDR) programs used for sanitary density transfer (including both as-of-right and non-as-of-right) will be evaluated based on the recommendations in the SC SWP. It should be noted that the proposed action and associated GEIS under the current environmental review will not be an all-inclusive/exhaustive evaluation of all TDR programs in Suffolk County; however, it will identify preliminary environmental concerns for individual programs based upon sanitary density transfer and identify the need for subsequent detailed TDR program reviews.

2. Water Quality Protection District and Responsible Management Entity

A Water Quality Protection District and Responsible Management Entity (RME) will be established to provide the administrative and financial structure for Suffolk County to protect the County's ground and surface water resources from further impacts from nitrogen loading associated with septic systems and cesspools. The RME will oversee and manage the installation and long-term operation and maintenance of I/A OWTS. The SCDHS Office of Wastewater Management will serve as the RME.

A water quality protection fee is proposed that would be used to:

- Provide a funding mechanism, such as low interest loans or grants, for the replacement of existing on-site systems by I/A OWTS as identified in the SC SWP;
- Provide a funding mechanism, such as low interest loans, grants, or a combination for clustered/decentralized systems;
- Provide a funding mechanism, such as low interest loans, grants, or a combination, to provide enhanced nitrogen removal at Town and Village-owned wastewater treatment systems;
- Provide a funding mechanism to support the installation of new advanced STPs and/or expansion of STPs within priority areas; and
- Provide a funding mechanism for the RME.

3. Innovative/Onsite Wastewater Treatment Systems

I/A OWTS consist of individual onsite advanced nitrogen removal wastewater treatment units as currently defined in Article XIX of the Suffolk County Sanitary Code.

It is anticipated that up to 360,000 existing residential onsite sanitary systems will eventually be converted to I/A OWTS using a phased approach. The details of the final proposed approach are anticipated to be developed by Suffolk County policymakers and stakeholders with guidance provided from the recommendations in the SC SWP. The use of I/A OWTS is expected to be expanded to Other Than Single Family Residential properties that meet the allowable flow/design limitations of approved technologies.

As described previously, modification of Articles V and VI of the Sanitary Code will be required to define the conditions under which upgrade of existing cesspools or septic systems will be required. It should be noted that the adoption of Article XIX and associated I/A OWTS Construction Standards (both Residential and Commercial [i.e., Other than Residential]) has already undergone SEQRA environmental review.

4. Clustered/Decentralized Systems

Clustered/decentralized systems include small, pre-packaged STPs as defined in Appendix A of the Construction Standards for Sewage Disposal Systems Other Than Single Family Residences (e.g., the Commercial Standards) and Article VI of the Suffolk County Sanitary Code. The use of Appendix A systems is currently limited to design flows up to 15,000 gallons per day (gpd).

Clustered/decentralized systems may be required and/or cost-beneficial at locations where I/A OWTS and STPs are not technically feasible or cost effective such as at mobile home parks, new housing developments, and grandfathered sites. Modifications to Appendix A of the Commercial Standards and Article VI of the Sanitary Code are proposed to expand the application of clustered/decentralized systems in Suffolk County. Modifications currently under consideration include:

- Modification to allow treatment of flows up to 30,000 gpd;
- Modification of Appendix A to reduce required separation distances;
- Evaluation of the approval process to streamline retrofits (e.g., SCDHS approval only [proposed requirement] versus SCDHS and SCDPW approval [current requirement]); and,
- Development and implementation of site-specific treatment standards for grandfathered sites with Appendix A systems. Site-specific treatment standards would conform with the proposed nitrogen limits for the priority areas defined by the SC SWP.

5. Sewage Treatment Plants

New STPs and/or the expansion of existing STPs will be completed within priority wastewater treatment areas for enhanced nitrogen removal. STPs will be implemented in accordance with existing sewer studies completed by Suffolk County and Town/Village studies to the extent information is readily available. Individual STP and/or related sewer infrastructure projects would require supplemental SEQRA environmental review.

6. Advanced Wastewater Treatment Pilot Areas

Pilot tests will be completed by Suffolk County under a variety of geographic, land use, and demographic conditions to confirm the effectiveness of the proposed wastewater management nitrogen reduction approaches described herein. Pilot testing will be completed for I/A OWTS and clustered/decentralized systems. Pilot test areas under consideration by the County include, but are not limited to:

- Sites with grandfathered flows that predate Article VI of the Sanitary Code or include failed sulfur denitrification systems (residential and commercial);
- Residential properties including lots with:
 - Small lot size
 - High groundwater table
 - Poor soils
- Commercial properties (various use);
- New York State and Suffolk County owned parks;
- Other New York State, Suffolk County or other municipally owned properties including parks, libraries or schools;
- Mobile home parks; and,
- Seasonal population locations.

In addition to the above, Suffolk County anticipates the installation of voluntary I/A OWTS at residential properties located throughout the County. An estimate of the number of voluntary installations anticipated over the next few years is currently under development.

The project area addressed by the GEIS is county-wide within the borders of Suffolk County.

3.0 Purpose and Need

In Suffolk County, approximately 75 percent of homes are unsewered and discharge sanitary wastewater containing nitrogen to the underlying groundwater that provides both the only source of potable supply for County residents, and baseflow to the County's surface water features. For decades, the presence of elevated levels of nitrogen in groundwater has been of concern due to the potential health impacts associated with methemoglobinemia (blue baby syndrome). Nitrogen contamination associated with discharge of sanitary wastewater has been studied and documented in the *Long Island Comprehensive Waste Treatment Management Plan* (208 Plan, 1978), the *1987 Suffolk County Comprehensive Water Resources Management Plan* and the *2015 Suffolk County Comprehensive Water Resources Management Plan*. Article 6 of the Suffolk County Sanitary Code was enacted primarily to protect public health by limiting nitrogen loading from sanitary wastewater discharges to maintain groundwater nitrogen concentrations to levels of less than 4 mg/L in Groundwater Management Zones III, V and VI and to less than 6 mg/L everywhere else throughout the County. However, Article 6 did not consider the density or sanitary wastewater treatment levels necessary to protect downgradient groundwater-fed surface waters. Nitrogen concentrations associated with the eutrophic conditions that can trigger harmful algal blooms are generally significantly lower than the 10 mg/L drinking water maximum contaminant level (MCL) that is protective of human health.

Nitrogen conveyed to discharge in coastal receiving waters via groundwater baseflow has been linked to a number of issues in Suffolk County including fish kills due to hypoxic episodes, harmful algal blooms, and loss of eelgrass along shorelines. The impacts to the coastal communities of Suffolk County from SuperStorm Sandy in 2012 underscored the connection between nitrogen in groundwater baseflow discharging to surface water resources, loss of wetlands, and damage to ecosystem health. Reduction in nitrogen loading is anticipated to support wetlands restoration and improve storm and flood protection and coastal resiliency provided by healthy wetlands. The County, recognizing the need for immediate action, updated the draft Suffolk County Comprehensive Water Resources Management Plan to include new chapters focusing on wastewater management, estuary programs, coastal resources, and alternative management and funding mechanisms.

The County found that approximately 80 percent of the unsewered residential properties fall within areas to be considered high priority for nitrogen removal based on at least one of the following:

- Close proximity to public supply wells or surface water bodies,
- Located in an area developed at higher density than permitted by Article 6 of the County's Sanitary Code and/or
- Located in an area with depth to groundwater less than ten feet below ground surface.

In accordance with Suffolk County's Reclaim Our Water initiative and the Long Island Nitrogen Action Plan (LINAP), Suffolk County is pursuing proactive measures to reduce nitrogen pollution to the County's waters. The SC SWP will be prepared to provide early action recommendations for nitrogen load reduction goals and a recommended wastewater management strategy for priority subwatersheds within Suffolk County. The SC SWP will be used to establish first order nitrogen load reduction goals generated based on the need for water quality improvements for County surface water, drinking water and groundwater resources. The SC SWP will be an integrated, holistic approach to delineating the County's subwatersheds based on a common platform of assumptions and boundary conditions. In concert with the SC SWP, modifications will be made to the Suffolk County Sanitary Code and Construction Standards to support the implementation of the SC SWP. Additionally, the County is pursuing the establishment of a County-wide Water Quality Protection District to facilitate financing options for the implementation of the SC SWP.

Ultimately the SC SWP aims to protect and restore both groundwater quality and the coastal ecosystems of Suffolk County by implementing a County-wide wastewater plan targeting the reduction of nitrogen loading from wastewater sources by using a combination of sewerage, cluster/decentralized wastewater treatment, and I/A OWTS.

4.0 Generic Environmental Impact Statement Outline

The Draft GEIS will evaluate the potential broad environmental issues resulting from implementation of the recommendations provided in the SC SWP. The GEIS will include discussions of the long-term environmental benefits, economic costs and benefits, and short-term construction-related impacts associated with implementing the SC SWP recommendations. Site/parcel specific impacts such as change in individual lot development potential, zoning restrictions and demands on utility services will not be included in the GEIS as they are considered to be "site specific" and would be subject to supplemental SEQRA review.

The sections that will be included in the GEIS as specified in 6 NYCRR Part 617.10 are outlined below. The list of relevant environmental areas that may be impacted by the implementation of the proposed action are those identified as potential project impacts in Part 2 of the Full Environmental Assessment Form.

1.0 Executive Summary – The Executive Summary will provide a succinct summary of the GEIS including the project description, major findings of the environmental analysis, mitigation recommendations, and topics requiring further site-specific study and assessment prior to implementation.

2.0 Description of the Proposed Action, Purpose and Need – The Description of the Proposed Action, Purpose and Need will provide a concise description of the SC SWP including the County’s proposed wastewater management strategy for the reduction of nitrogen loading from wastewater and associated changes to Suffolk County’s Sanitary Code including its purpose, public need and benefits, as well as social and economic considerations.

3.0 Existing Environmental Setting – The baseline environmental setting of the County will be described. The most current readily available data sources will be used. Characterization of priority subwatersheds and groundwater quality will be based on the data collected and compiled in the SC SWP. Existing data sources to provide information on the environmental setting may include:

- US Census Data and Suffolk County Planning Department reports
- Town/Village Land Use maps and Zoning maps
- County/Town/Village comprehensive plans and planning documents
- Natural Resource Conservation Service Web Soil Survey
- USGS Maps and available topographic surveys
- Suffolk County Groundwater Model mappings
- NYSDEC Natural Heritage Program consultation
- NYSDEC Wetland Maps & National Wetland Inventory Maps (online)
- NYSDEC Sea Level Rise Projections (online and reflected in proposed regulation 6NYCRR Part 490)
- USFWS Information, Planning, and Conservation System (online)
- NYSDEC 303(d) list and related Total Maximum Daily Load (TMDL) documentation
- FEMA floodplain mapping (online)
- State and National Registers of Historic Places (online)
- NYS OPRHP database (online)
- Long Island Regional Economic Development Council’s Economic Development Plan for the Long Island Region
- Suffolk County Department of Health Services (SCDHS) databases
- Aerial imagery
- Long Island Commission on Aquifer Protection
- Suffolk County Water Authority information, data, forecasts, etc. (SCWA data, etc.)

- Relevant data from non-profits and institutions such as nitrogen load model and studies of nitrogen impacts on wetlands and seagrass

The existing data will be used to describe the following features within the County:

- Physical Environment
 - Land Use
 - Groundwater (including potable water supply) and Surface Water
 - Natural Environment (threatened and endangered species, critical habitat, wetlands, floodplains)
 - Historic and Archeological Resources

- Social Environment
 - Noise/Odor
 - Human Health (Contaminant Exposure/Hazardous Materials)
 - Consistency with Community Plans and Character

4.0 Potential Impacts of Proposed Action – A statement and evaluation of potential significant adverse environmental impacts and the reasonable likelihood of their occurrence due to the proposed action will be included in this section of the GEIS. Based on a preliminary review of the proposed action, it is anticipated that implementation of the SC SWP and required County Sanitary Code changes could result in potential impacts to the following environmental parameters:

- Land Use, Community Plans & Character)

The proposed action is an early action item that is consistent with the goals and objectives of LINAP. The proposed action will be assessed as to its consistency with the following regional and county water protection programs.

- Long Island Pine Barrens Protection Act
- Central Pine Barrens Comprehensive Land Use Plan
- Special Groundwater Protection Area Plan
- Long Island Sound Study
- Peconic Estuary Program
- South Shore Estuary Reserve
- Suffolk County Comprehensive Master Plan 2035 - Framework for the Future
- Suffolk County Comprehensive Water Resources Management Plan

There is no new development associated with this action, however, the implementation of this action may affect new development, zoning, and existing land uses. These site-specific changes would be subject to supplemental SEQRA environmental review(s).

- Groundwater and Surface Water

The purpose of the proposed action is to reduce nitrogen loading from onsite wastewater sources and thereby improve groundwater and surface water quality. This section will summarize the anticipated reductions in nitrogen loading to groundwater and to surface water bodies receiving groundwater baseflow as reported in the SC SWP. Potential

groundwater impacts (e.g., reduction in nitrogen concentrations in the aquifer at public supply wells) will be assessed based on existing data and the analyses presented in the SC SWP. The potential benefits resulting from implementation of the SC SWP and revision to the Sanitary Code, such as reduced nitrate loading, will be presented. While the evaluation will focus upon nitrogen reduction, the potential presence/reduction of other wastewater constituents such as pharmaceuticals and personal care products (PPCPs) will also be acknowledged.

Surface water impacts will include potential impacts from changes to groundwater baseflow and nitrogen loading. The wetlands, streams, and other waterbodies located throughout Suffolk County will be listed in the GEIS. The potential impact associated with the implementation of the proposed action on these natural resources will be qualitatively evaluated. An evaluation of the potential impacts of wastewater management on groundwater levels and stream baseflows will be completed for two alternatives (e.g., the recommended wastewater management alternative and a hypothetical County-wide alternative providing sanitary sewers to all currently developed parcels) using the existing groundwater model. Potential salt water intrusion as a result of proposed sanitary sewerage projects will be qualitatively evaluated. Detailed evaluations of potential impacts on individual ecological communities and specific mitigation measures will not be addressed in the SC SWP DGEIS but may be required in future project-specific D/FEISs.

The need to consider the impact of projected increases in sea level elevation with respect to development along the coast will be noted.

- Natural Environment

Because the implementation of treatment options may result in the removal or disturbance of vegetation and/or habitat, and habitat for threatened or endangered species exists throughout the County, the potential for impact to threatened and endangered species and critical habitat as well as significant natural communities and critical habitat within Suffolk County will be identified based on available data using online resources such as the NYSDEC Environmental Resource Mapper and US Fish and Wildlife Service Information, Planning, and Conservation System (USFWS iPaC).

Floodplains or areas designated as 100-year and 500-year floodplain will be assessed for potential impact resulting from the SC SWP and associated code changes adopted as part of the proposed action. Reported results of the Sea, Lake and Overland Surges from Hurricanes (SLOSH) model from the National Hurricane Center may also be consulted to assess the potential for operational impacts during hurricanes.

- Historic and Archaeological Resources

Because construction of treatment systems would disturb soils, and become archaeological and historic resources are located throughout Suffolk County, the GEIS will contain a desktop assessment of potential impacts on historic and archaeological resources. Potential for impact will be assessed based on known resources. National Natural Landmarks such as the Orient State Park and Montauk State Park, historic districts and historical buildings and

archaeological resources are located within Suffolk County. This section will note potential impacts to historic and archaeological resources, however specific assessments as may be required by NYS Office of Parks, Recreation and Historic Preservation for implementation of a specific component of the SC SWP will be subject to supplemental SEQRA review(s).

- Noise/Odors

Noise associated with operation of wastewater treatment systems will be identified. Wastewater treatment has been associated with the potential to emit odors that could be noticeable off site. Potential odors resulting from implementation of the recommended wastewater management alternative will be addressed generally. While no noise or odor data collection or studies will be conducted as part of this GEIS, noise and odor data available to characterize operating Appendix A, I/A OWTS or STPs available from Suffolk County or the Towns will be included.

- Human Health (Contaminant Exposure/Hazardous Materials)

Because of the breadth of the SC SWP, areas that may have been the subject of a remedial action or adjacent areas could be included. The GEIS will acknowledge that the County encompasses areas where contamination spills and remediation have previously occurred. Information from the USEPA Human Health Impact Assessment will be incorporated into the assessment. New development is not part of the proposed action and an assessment of potential impacts would be subject to supplemental SEQRA review.

- Environmental Justice Assessment

The potential for the proposed action to impact people or communities unequally due to race, color, national origin, or income will be evaluated. The benefits will also be summarized. The potential impact to Environmental Justice areas within the County will be incorporated into the economic assessment to implement the recommended wastewater management strategy.

5.0 Short-term or Construction Impacts - Construction-related impacts will be described in general in this section. Typical impacts related to construction that are identified in the EAF Part 2 include temporary impacts to

- **Land**, which may include excavation, vegetation removal, erosion/sediment control
- **Surface Water**, which may include new or expansion of treatment facilities
- **Natural Environment**, as ground disturbance would be required
- **Historic/Archeological Resources**, as ground disturbance would be required
- **Noise**, as construction equipment may produce sound levels above local code established limits
- **Human Health** (Contaminant Exposure/Hazardous Materials), as construction may take place on parcels adjacent to land under remediation. No risk assessment will be

included within the GEIS. However, a summary of potential human health benefits associated with nitrogen reduction in groundwater and surface water will be included.

Although no parcel-specific analyses will be completed, the potential need for modification to existing buildings and plumbing to facilitate installation of a new I/A OWTS or connection to an STP will be identified. Site-specific construction related impacts will be evaluated against the SEQRA triggers and may therefore be the subject of subsequent reviews under SEQRA.

6.0 Cumulative Impacts – A general overview of the cumulative impacts of SC SWP implementation on the environment, natural resources and cultural environment will be provided. This will include;

- Water export/impact to water supply
- Potential for growth inducement within the County
- Energy Demand (Greenhouse Gas impact)

Site-specific and/or municipality specific growth options will be subject to supplemental SEQRA review.

7.0 Unavoidable Adverse Impacts -This section will summarize those impacts that cannot be avoided or adequately mitigated if the SC SWP strategies and Sanitary Code changes are implemented.

8.0 Irreversible and Irretrievable Commitments of Resources -This section will discuss those nonrenewable natural resources that will be used in the implementation of the SC SWP. Trade-offs between short-term losses and long-term benefits will be addressed qualitatively in this section.

9.0 Mitigative Measures -Where significant project related impacts are identified based on the analysis conducted in the draft GEIS, measures to mitigate these potential impacts to the extent practicable will be suggested. This will include potential short-term construction as well as long-term operational impacts. For example, measures to reduce the potential for soil erosion during construction and traffic control measures (signage, flag persons, etc.) to avoid impacts on motorists and emergency vehicles will be identified. Potential operational mitigation measures would include I/A OWTS designs that incorporates good engineering practices and maintenance contracts and use of the RME to oversee design, construction, and operation of I/A OWTS. Those impacts that cannot be mitigated will be reviewed under “Unavoidable Adverse Impacts.”

Site specific mitigation measures will be the subject of supplemental SEQRA review.

10.0 Alternatives Analysis – This section of the GEIS will include a description and evaluation of reasonable alternatives to the proposed action that consider the goals and objectives of the County. The following alternatives will be evaluated in the Draft GEIS:

- No Action Alternative: Continued use of septic systems and the patchwork of wastewater collection and treatment systems that currently exist within the County
- County-wide centralized wastewater collection and treatment systems (expansion of existing sewer districts and/or establishment of new sewer districts) to treat wastewater from existing developed parcels

- Limiting nitrogen loading by increasing minimum lot sizes county-wide.
- County purchase of 'priority areas' through the use of Open Space funding
- Dual plumbing/dual water systems

11.0 Transfer of Development Rights (TDRs) - The County's use of TDRs if included as an implementation strategy in the SC SWP will be discussed in general terms. Specific TDR Programs would be the subject of supplemental SEQRA review.

12.0 Project/Site-Specific D/FEIS Requirements - There is no new development associated with the proposed action, however, the implementation of the proposed action may affect future development potential, demand for utilities, and existing land uses. Potential impacts to the natural or physical environment as well as utilities and community services due to site specific projects will be addressed by subsequent SEQRA review. This section will provide a description of specific conditions or criteria under which a future action or actions that would require additional review under SEQR. Example thresholds or criteria that would trigger supplemental or site-specific EISs to address site specific or municipality specific actions will be provided.

List of References

Glossary of Terms

Technical Appendices:

- SEQRA documentation including Positive Declaration and Final Scoping Document
- Subwatershed Wastewater Plan, to be incorporated by reference
- Subwatershed Wastewater Plan Project Task Reports

5.0 SEQR Next Steps

Preparation of the GEIS will begin, based upon the outline of the content and evaluations identified in this Final Scoping Document.

6.0 Public Comments Received

Both verbal comments and written comments on the Draft Scoping Document were received. Transcripts of the public scoping meetings are included in this document as Appendix A. Written comments that were received by December 13, 2016 are included in this document as Attachment B.

Written comments were received from the following interested parties:

- Friends of Georgica Pond, December 2, 2016
- Peconic Baykeeper, December 12, 2016
- The Nature Conservancy, December 12, 2016

- Town of Brookhaven, December 13, 2016
- Central Pine Barrens, December 13, 2016

The location within this Final Scoping Document where the response to each comment may be found has been indicated within each comment letter and Public Scoping Hearing transcript.

6.1 Comments on the Suffolk County Subwatersheds Wastewater Plan (SC SWP) Scope

A number of public comments identified topics that will be evaluated in the Suffolk County Subwatersheds Wastewater Plan (SC SWP). As such, they will become part of the Proposed Action. The SC SWP will be included in the GEIS as an Appendix.

The following public comments will be incorporated into the scope of the GEIS in this manner:

Central Pine Barrens 1(b): Please explain the methodology used to “evaluate surface water sensitivity” and define the term “sensitivity” as it is used.

Central Pine Barrens 1(c): Please explain the methodology to be used in the plan to “evaluate nitrogen loading to groundwater and surface water.” For example, will the plan examine the existing and build out development potential of all communities in the County to evaluate the expected nitrogen loading to groundwater and surface water resources? What benchmark will be used to determine maximum nitrogen loading to water resources and what are the acceptable limits?

Central Pine Barrens 1(d): Please elaborate on how and for whom the costs and benefits of wastewater management alternatives will be evaluated. Will the analysis of benefits be in regard to those that accrue to property owners, Towns and developers or benefits to that accrue to ecological and water resources or a combination thereof?

Central Pine Barrens 2(a): Please identify the timeframe for and the triggers that will require installation of an alternative treatment system and modifications to a property such as when new construction is proposed or in application to build an expansion of 50% or more of a structure. Please also identify the application phase(s) when it will be required, such as site plan review, subdivision review, Zoning Board of Appeals variance application, building permit phase, etc.

Central Pine Barrens 2(b): The installation of a new treatment system may require other potentially significant modifications to a property, other than the replacement of one system with another, including, but not limited to, plumbing and waste line realignment, rerouting and installation; shoring up structures; site disturbance; potential clearing on a property encumbered by covenants or easements and alterations to existing structures and property. Costs to a property owner may be a limiting factor. Therefore, please identify funding mechanisms and compliance and enforcement staffing, fees, and fines to implement the plan (Note: A range of costs will be provided in the SC SWP along with an estimate of staffing. Please see Section 6.2.2.)

Central Pine Barrens 3 (c): Please explain how the goals and objective of the plan are met if new or expanded STPs are not designed and constructed.

Central Pine Barrens 5 (a) “Groundwater and Surface water” Bullet 1: This section discusses improving groundwater and surface water quality. Please identify how “improvement” will be measured and what standard or standards will be applied to measure improvements including, but not limited to, drinking water quality standards, ecological standards, recreational activity standards, etc. Are public water suppliers involved in the project to measure potential “improvement”, if applicable, to drinking water supplies?

Central Pine Barrens 5 (a) “Groundwater and Surface Water” Bullet 3: This section indicates the presence/reduction of other wastewater constituents such as pharmaceuticals and personal care products (PPCPs) will also be acknowledged. Please identify how PPCPs will be remedied and will new systems provide a remedy and to what extent, if any?

Central Pine Barrens 5 (a) “Groundwater and Surface Water” Bullet 4: The scope states “surface water impacts will include potential impacts from changes to “groundwater baseflow.” Please identify or define “groundwater baseflow” and how it is impacted /altered.

Central Pine Barrens 5 (a) “Plants and Animals” Bullet 1: Please identify proximity and disturbance to wetlands and travel time.

Central Pine Barrens 5 (a) “Economics” Bullet 2: This section should describe in further detail the proposed “Water Quality District,” what it is, who is in it, where it is, how it will be funded, and compliance and enforcement procedures to be established in a Water Quality District

Central Pine Barrens 5 (c) (i) Alternatives: “ Please clarify that although separate public and private entities may own and manage facilities in the County, the SCDHS is the regulatory authority responsible for implementing the Sanitary Code for approval and compliance of facilities”

Central Pine Barrens 5 (c) (iii) Alternatives: Prior to implementing requirements for 360,000 properties to comply with new regulations, please consider a short-term alternative for voluntary participation or potentially new development including new residential subdivisions and commercial and industrial site plans.

Central Pine Barrens 5 (c) (v): In the potential alternative for the County to acquire land through open space funding in the defined “priority area” please consider referring to recent amendments to the Community Preservation Fund (CPF) that allow a percentage of funds to be used toward water quality improvement initiatives. Clarify if funds in the CPF would be available for use in this project. In addition, please consider a recommendation to or alternative for municipalities, including Towns and Villages in the County where a CPF does not exist, to explore and consider establishing a CPF to manage the acquisition of priority areas. This may provide a revenue source to acquire land in priority areas and minimize financial impacts to residents in priority areas.

The Nature Conservancy, Proposed Action, Section 2 Grandfathering, seventh paragraph: Finally, the use of shallow, narrow drainfields should be included, in place of cesspits. (Note: Use of shallow, narrow drainfields will be an alternative evaluated in the SC SWP, which will be included in the GEIS as an Appendix).

The Nature Conservancy, Advanced Wastewater Treatment Pilot Areas, Section 6: In this section, we recommend adding other somewhat novel approaches to nitrogen reduction, including but not limited to, water re-use, resource recovery from wastewater (e.g., efforts to use macro-algae as fertilizer), urine-diversion and composting toilets, botanical treatment projects, wetland restoration, and buffers along water bodies, especially at agricultural sites.

The Nature Conservancy, Potential Impacts of Proposed Action, Fifth bullet: "Economics" is outlined in unjustifiably narrow terms. Water quality undergirds Long Island's economy in many respects: some 40% of the island's businesses are considered water-dependent-either freshwater or surface waters. Real estate values are influenced by water quality. That means property tax revenues depend on water quality, as does the multi-billion-dollar tourist industry of Long Island. If water quality deteriorates further, all of these economic indices will suffer. Accordingly, the costs of not acting to reduce nitrogen to necessary levels must be considered in addition to the "potential economic benefits" of improved water quality. (Note: Economic benefits associated with installation, maintenance and monitoring of the new I/A OWTS will also be identified in the SWP based upon literature reported estimates. The Economy sector of the USEPA 3VS model will estimate how changes in the water quality of coastal embayments will affect water-dependent elements of the local economy, including tourism and recreational and commercial fishing. Information from the USEPA Suffolk County 3VS model will be incorporated to the extent that it is available within the project timeframe. Likewise, information regarding the potential cost/benefit to the septic industry and potential cost/benefit to property values in Suffolk County will be referenced from available resources being produced through Stony Brook University, to the extent that they are available within the project timeframe.

Kevin McDonald, The Nature Conservancy, December 1st, verbal comment, page 43 of transcript: "... Getting those targets with a measure of safety ..."

Kevin McAllister, Defend H2O, December 1st, verbal comment, page 51 of transcript: "At below 10 mg/L I think we need to flesh out the commercial vs residential input."

Kevin McAllister, Defend H2O, December 1st, verbal comment, page 52 of transcript: "The science has to be de-coupled from the cost benefit analysis ... define the loading and the various scenarios, the various remedies. Put aside the cost benefit and then ultimately bring that in obviously ..."

Kevin McAllister, Defend H2O, December 1st, verbal comment, page 53 of transcript: "... Triggers for the upgrades; mandates, time of property transfer And I think it should go a step further actually identifying what the reductions would be based on what the reasonable timeframes are. We probably have an idea of what the property transfer is What is that in Suffolk County and how quickly do we ... achieve the goals in nitrogen reduction?"

Kevin McAllister, Defend H2O, December 1st, verbal comment, page 54 of transcript: "This may be an omission, perhaps not, sea level rise and coastal inundation. That has to be factored into the analysis ..."

Kevin McAllister, Defend H2O, December 1st, verbal comment, pages 54-55 of transcript: "What are the build-out scenarios? here's our reduction ... what does that mean for ultimate build out for potential increased density?"

Barbara Blass, December 1st, verbal comment, page 56 of transcript: “... Each of the five east end towns has a loose plan where they have identified priority areas and projects which would be eligible to receive monies through the CPF. And I’m just wondering how they are going to interface with your priority areas and just a general understanding of how it’s going to work together.” (Note: Suffolk County is making efforts to coordinate the SC SWP with Town CPF programs.)

Friends of Georgica Pond, Our preliminary thinking is that we want to advocate for voluntary upgrade of septic systems (+/- 75) around the pond in the coming year and the look for partnerships with the Town CPF and County within critical areas of the watershed, especially the commercial district of Wainscott. (Note: Suffolk County will continue to coordinate with the Friends of Georgica Pond to identify opportunities for aligning efforts; any projects that are aligned with the SC SWP objectives that are identified during SC SWP development will be included.)

6.2 Issues Identified during Scoping that Have Not Been Incorporated into the Final Scope

Not all of the comments that were received on the Draft Scoping Document can be fully addressed within the Scope of this GEIS, for a variety of reasons. Some identify issues that are not within the control of the project sponsor (e.g., future growth and development), and some will be more appropriately considered by a D/FEIS for a specific project. The comments that have not been incorporated into the final scope of the GEIS are identified in the following pages.

6.2.1 Comments that Would Best be Addressed in a Project-Specific D/FEIS or Supplemental GEIS

Central Pine Barrens 1 (a): What impact, if any, will the Plan have on the Pine Barrens Credit (PBC) program, specifically the standards allowing redemption of PBCs to increase sanitary flow in a typical septic system?

Central Pine Barrens 3 (a): Although this section states “New STPs and/or expansion of existing STPs will be completed ...” it is not clear how facilities will be funded and where they will be sited. It is worth noting in the Central Pine Barrens Comprehensive Land Use Plan, Standard 5.3.3.1.2, Sewage treatment plant discharge states, “*Where deemed practical by the County or State, sewage treatment plant discharge shall be outside and downgradient of the Central Pine Barrens. Denitrification systems that are approved by the New York State Department of Environmental Conservation of the Suffolk County Department of Health Services may be used in lieu of a sewage treatment plant.*” It would be helpful to review preliminary plans or assessments of potential new sewage treatment plants (STPs) or upgrades, if any, that are proposed to occur in the Central Pine Barrens region.

Central Pine Barrens 5 (c) (ii): The scope should identify alternatives and existing conditions and processes that may not be capturing opportunities for improvements and identify potential modifications in practices or review processes that could occur to improve environmental conditions. Will the plan make recommendations to other involved agencies regarding zoning or changes to development standards that may improve conditions? Will the plan recommend changes that would require the retirement of Development Rights or Pine Barrens Credits or land preservation in instances of nonconforming subdivision or increases in land use density or intensity to offset potential environmental impacts?

Kevin McAllister, Defend H2O, December 1st, verbal comment, page 53 of transcript: “Grandfathering ... ultimately the goal has to be to eliminate grandfathering ...” (Note: Suffolk County is currently evaluating changes to Article 5 and 6 to address grandfathering. Changes that fall outside of the project timeframe would be subject to supplemental GEIS.)

6.2.2 Comments That Are Beyond the Scope of the SC SWP/GEIS

Town of Brookhaven, Comment 1. On page 2, Section 2.0, #1 Recommended Wastewater Management Strategy an additional point should be added that states: “Identify surface water numeric nutrient standard for nitrogen”. The NYSDEC has this authority, and is in the process of developing numeric nutrient standards for New York surface waters.

Town of Brookhaven Comment 2. On page 2, Section 2.0 #1 There is a list indicating activities that will prompt wastewater treatment upgrades. Consider adding a category of “Illegal Rental Properties”. These properties often house a disproportionately large number of people and so may have substantially higher nitrogen loading than similarly sized non-rental properties. There may be an opportunity to work with the Towns to require installation of I/A systems at these properties as part of legal settlements.

Kevin McDonald, TNC, December 1st; verbal comment, page 42-43, transcript: “...ask them where they want to have growth centers and tell everybody up front ... “

Central Pine Barrens 1(e): The scope of the plan’s consideration of activities that will prompt wastewater treatment upgrades under various scenarios should include financial and other costs incurred by property owners, including the expenditure of time when properties are sold and purchased by new owners. The potential costs that will be passed onto new owners or included in sales should be assessed. A timeframe for compliance and enforcement provisions should be provided.

Central Pine Barrens 2(b): The installation of a new treatment system may require other potentially significant modifications to a property, other than the replacement of one system with another, including, but not limited to, plumbing and waste line realignment, rerouting and installation; shoring up structures; site disturbance; potential clearing on a property encumbered by covenants or easements and alterations to existing structures and property. Costs to a property owner may be a limiting factor. Therefore, please identify funding mechanisms and compliance and enforcement staffing, fees, and fines to implement the plan. (Note: Please see Section 6.1 as much of this comment will be addressed in the SC SWP. Fees and Fines will not be determined in the SC SWP or GEIS.)

Central Pine Barrens 5 (c) (iv): An alternative that requires retirement of a development right, flow credit, or Pine Barrens Credit, in cases of substandard subdivisions, increases in density or land use intensity, should be considered prior to implementing regulations that require alternative treatment systems. (Note: The intent of this comment as it relates to the scope of the GEIS is not clear)

The Nature Conservancy: Proposed Action: A project should be considered “proposed” if it has been seriously discussed, including for example, the proposed expansion of the Oakdale STP and Greenport STP. (Note: STP projects that are proposed for incorporation into the SC WP do not

necessarily include “all” STP studies that have been proposed or discussed historically. As an early action LI NAP element intended to build upon readily available data, the SC SWP will only consider STPs that have existing sufficient information that can be used for the SC SWP [for example, existing feasibility studies]. Note also that as identified in the Scoping Document, all STP projects will be subject to individual SEQRA review.)

The Nature Conservancy, Proposed Action, Grandfathering, Paragraph 6: Regarding the phrase “failed denitrification system sites” requires elaboration in the bullet point “Grandfathered Other Than Single Family Residential sites including grandfathered SPDES and failed denitrification system sites.” The GEIS should say where these sites are and how they have been measured. (Note: Suffolk County is evaluating options for scanning existing Office of Wastewater Management records and indexing them to individual parcels. If this project comes to fruition the identification of grandfathered SPDES and failed denitrification system sites would be evaluated during the scanning and indexing process.)

The Nature Conservancy – Existing Environmental Setting, Physical Environment: – Add to bullet points: Sediment characteristics. (Note: Sediment characteristics was not identified as a potential area of impact during EAF preparation).

The Nature Conservancy – Alternatives Analysis: As referenced in our introductory paragraph, the “no action alternative” does not really exist. It implies that if the County does not act, no one else will—and that is simply incorrect. The County has already approved Section 19 of the sanitary code and has authorized new I/A technology, such that towns may require use of these systems, and individuals may install them voluntarily. Further, the Long Island Nitrogen Action Plan will propose certain actions, if not require them, and the same can be said with the Long Island Sound and Peconic Estuary TMDLs.

And additional TMDLs may be created in Suffolk County related to nitrogen on the basis of the State’s compliance with the federal Clean Water Act.) Accordingly, “no action” is not really possible. The “no action” alternative here is no action of the sort proposed, or no additional action at this time, but what exactly does that mean? No subwatersheds delineated, no goals set, no amendment to Articles 5 and 6, no attempts at uniform implementation, etc.—or the undertaking of these tasks by other entities? The absence of active County involvement while others act is a separate alternative that must be addressed in the GEIS. (Note: SEQRA requires consideration of the No Action alternative. The No Action alternative will, however, recognize the potential roles of other stakeholders.)

Peconic Baykeeper: SEQRA mandates that a lead agency identify the relevant areas of environmental concern, take a “hard look” at any potential impacts and provide a reasoned elaboration for its conclusions. In the process, the lead agency is obligated to consider a variety of potential impacts including short-term, long-term, primary, secondary and cumulative impacts. Cumulative impacts include any potential impacts associated with “reasonably related” actions. In this case, there are a host of reasonably related actions that should be considered in conjunction with the GEIS for the subwatersheds wastewater plan. In addition to the County’s water resources management plan, this should include as a minimum the following:

Reclaim Our Waters Initiative - The Subwatersheds Study was described as a "sub-component" of the County Executive's Reclaim Our Waters Initiative. As such, the potential impacts assessed in the GEIS should include all reasonably related actions contained within the broader policy document referred to as the Reclaim Our Waters Initiative.

Comprehensive Water Resources Management Plan - The County has recently released a "Comprehensive Water Resources Management Plan" which has served as the foundation for initiatives like the Subwatersheds study. However, the Water Resources Management Plan has never been adopted by the County, nor have the potential environmental impacts of its recommendations been reviewed under the State Environmental Quality Review Act (SEQRA). Resource management plans are defined as Type I Actions under SEQRA. As such, if the County's water resources management plan is to be used to support amendments to the sanitary code or studies such as the subwatersheds wastewater plan, it should be analyzed under SEQRA in conjunction with the subwatersheds study.

The Sanitary Code - Recent and ongoing updates to the Suffolk County Sanitary Code are a direct result of the information prepared and analyzed as a part of the comprehensive water resources management plan. Segmentation is inconsistent with SEQRA and the division of reasonably related actions like the update of the sanitary code, the release of the water resources management plan and the subwatersheds wastewater plan represents an impermissible segmentation of these reasonably related actions.

Sewer Capacity Study - The County has previously prepared a sewer capacity study that analyzed the expansion of existing sewage treatment plants and the potential development of new systems. Sewer capacity and the permitting of innovative alternative on-site wastewater systems are also reasonably related actions to the subwatersheds study. Accordingly, the impacts of these plans should be considered in conjunction with the subwatersheds study.

County Comprehensive Plan - The County recently adopted a new comprehensive plan. Land use plans are Type I Actions under SEQRA. Despite this fact, the County deemed the adoption of the plan a Type II Action. Since resource management is a necessary component of a properly prepared comprehensive plan, the recently released water resources management plan should be considered a component of the County's Comprehensive Plan. The potential environmental impacts of the comprehensive plan should be considered in conjunction with the GEIS for the subwatersheds study.

County Regional Transportation and Development Plan - The County recently released a "Regional Transportation and Development Plan" which details infrastructure needs and potential economic development opportunities. This study, the comprehensive plan, the updates to the sanitary code and the sewer capacity study are all reasonably related actions under SEQRA. Accordingly, all associated potential impacts including cumulative impacts, should be considered at this time.

Bergen Point Expansion - The County recently approved a 10 million gallon per day expansion of the Bergen Point STP. In addition, the County is currently considering a 7-mile main extension from the Bergen Point Plant to the project known as the Ronkonkoma Hub. This project also includes a second main for the connection of both existing and proposed development along Veterans Memorial Highway. These are also reasonably related actions under SEQRA, the cumulative impact

of which has never been assessed. Accordingly, the GEIS for the subwatersheds study should incorporate these actions as well.

In summary, the County is in the process of expanding sewerage, implementing innovative on-site wastewater systems and updating the sanitary code. All of these reasonably related actions will impact water resources throughout the County. The County has an obligation to assess the cumulative impact of these reasonably related actions and development-related impacts resulting from increased wastewater capacity. To date, it has failed to do so. The subwatersheds wastewater plan represents an opportunity to secure compliance with SEQRA. We recommend that the scope of the GEIS be expanded to consider the full range of potential environmental impacts consistent with SEQRA.



Town of
Brookhaven
Long Island

Edward P. Romaine, Supervisor

Ken Zegel, PE, Associate Public Health Engineer
Suffolk County Department of Health Services
Office of Ecology
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December 13, 2016

Dear Mr. Zegel:

I commend the County on moving ahead with the Suffolk County Subwatersheds Wastewater Plan. The Town agrees with the approach to SEQRA compliance of the completion of a Generic Environmental Impact Statement. Below please find comments on the Draft Scoping Document for the Generic Environmental Impact Statement being completed for the Suffolk County Subwatersheds Wastewater Plan.

Comment 1. On page 2, Section 2.0, #1 Recommended Wastewater Management Strategy an additional point should be added that states: "Identify surface water numeric nutrient standard for nitrogen". Numeric nutrient standards for surface waters vary depending on a variety of factors (freshwater, salt water, nutrient poor ecosystem). The NYSDEC is in the process of developing numeric nutrient standards for New York surface waters. pg. 17

Comment 2. On page 2, Section 2.0 #1 There is a list indicating activities that will prompt wastewater treatment upgrades. Consider adding a category of "Illegal Rental Properties". These properties often house a disproportionately large number of people and so may have substantially higher nitrogen loading than similarly sized non-rental properties. There may be an opportunity to work with the Towns to require installation of I/A systems at these properties as part of legal settlements. pg. 17

Comment 3. On page 5, Section 3.0 Purpose and Need – Consider adding a sentence noting that reducing nitrogen loading is necessary to enhance coastal resiliency including storm and flood protection offered by marshes. pg. 6

Comment 4. On page 6, Section 4.0, #3 Existing Environmental Setting – consider adding official New York State projections for sea level rise to the list of data sources to be consulted. pg. 7

Comment 5. On page 7, Section 4.0, #4 – Consider adding Long Island Regional Economic Development Council's Strategic Economic Development Plan for the Long Island Region to the list. In general this document makes a strong case for Long Island's economy being directly tied to maintaining high water quality.

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Comment 6. Page 8, Section 4.0 Item Plants and Animals – the potential for water tables to be affected by sewerage should be identified. Data from Nassau County should be used to identify potential impacts to ecological communities from sewerage. In addition the potential for salt water intrusion to the aquifer should be examined.

Pg. 9

Sincerely,

Anthony Graves
Chief Environmental Analyst

Edward P. Romaine
Supervisor

Planning, Environment and Land Management

Tullio Bertoli, AICP, Commissioner

Brenda Prusinowski, AICP, Chief Deputy Commissioner

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Via U.S. Mail and email to: ken.zegel@suffolkcountyny.gov



December 13, 2016

Ken Zegel, PE, Associate Public Health Engineer
Suffolk County Department of Health Services
Office of Ecology
360 Yaphank Avenue, Suite 2B
Yaphank, NY 11980

Re: Draft Scope for the Draft Generic Environmental Impact Statement for the Suffolk County Subwatersheds Wastewater Plan

Carrie Meek Gallagher
Chairwoman

Steven Bellone
Member

Edward P. Romaine
Member

Jay H. Schneiderman
Member

Sean M. Walter
Member

Dear Mr. Zegel:

On November 14, 2016, the Central Pine Barrens Commission office received an email notification of the public hearings scheduled to receive comments on the Draft Scoping Document for the preparation of a Draft Generic Environmental Impact Statement (DGEIS) for the County's Subwatersheds Wastewater Plan.

Comments are offered on the Draft Scoping document dated November 2016 as they relate to the goals and objectives of the Central Pine Barrens Comprehensive Land Use Plan and Environmental Conservation Law Article 57.

1. Section 2.0. Proposed Action. Subsection I. Recommended Wastewater Management Strategy.

- (a) What impact, if any, will the Plan have on the Pine Barrens Credit (PBC) program, specifically the standards allowing the redemption of PBCs to increase sanitary flow treated in a typical septic system? pg. 16
- (b) Please explain the methodology used to "evaluate surface water sensitivity," and define the term "sensitivity" as it is used. pg. 13
- (c) Please explain the methodology to be used in the plan to "evaluate nitrogen loading to groundwater and surface water." For example, will the plan examine the existing and build out development potential of all communities in the County to evaluate the expected nitrogen loading to groundwater and surface water resources? What benchmark will be used to determine maximum nitrogen loading to water resources and what are the acceptable limits? pg. 13
- (d) Please elaborate on how and for whom the costs and benefits of wastewater management alternatives will be evaluated. Will the analysis of benefits be in regard to those that accrue to property owners, Towns, and developers or benefits to that accrue to ecological and water resources or a combination thereof? pg. 13

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- (e) The scope of the plan's consideration of activities that will prompt wastewater treatment upgrades under various scenarios should include financial and other costs incurred by property owners, including the expenditure of time when properties are sold and purchased by new owners. The potential cost that will be passed on to new owners or included in sales should be assessed. A timeframe for compliance and enforcement provisions should be provided.

pg. 17

2. Subsection 2. Water Quality Protection District and Responsible Management Entity.

- (a) Please identify the timeframe for and the triggers that will require installation of an alternative treatment system and modifications to a property, such as when new construction is proposed or in an application to build an expansion of 50% or more of a structure. Please also identify the application phase(s) when it will be required, such as site plan review, subdivision review, Zoning Board of Appeal variance application, building permit phase, etc.
- (b) The installation of a new treatment system may require other potentially significant modifications to a property, other than the replacement of one system with another, including, but not limited to, plumbing and waste line realignment, rerouting and installation; shoring up of structures; site disturbance; potential clearing on a property encumbered by covenants or easements and alterations to existing structures and property. Costs to a property owner may be a limiting factor. Therefore, please identify funding mechanisms and compliance and enforcement staffing, fees, and fines to implement the plan.

pg. 13

pg. 13

3. Subsection 5. Sewage Treatment Plants.

- (a) Although this section states "New STPs and/or expansion of existing STPs will be completed..." it is not clear how facilities will be funded and where they will be sited. It is worth noting in the Central Pine Barrens Comprehensive Land Use Plan, Standard 5.3.3.1.2, Sewage treatment plant discharge states, "*Where deemed practical by the County or State, sewage treatment plant discharge shall be outside and downgradient of the Central Pine Barrens. Denitrification systems that are approved by the New York State Department of Environmental Conservation or the Suffolk County Department of Health Services may be used in lieu of a sewage treatment plant.*" It would be helpful to review preliminary plans or assessments of potential new sewage treatment plants (STPs) or upgrades, if any, that are proposed to occur in the Central Pine Barrens region.
- (b) Please examine the feasibility of and cost to develop a STP to connect existing properties without increases in land use density or intensity. If new or expanded STPs were developed with capacity to support increases in development beyond current zoning and health department standards and limitations it would defeat the purpose and goal of reducing nitrogen loading in water resources.
- (c) Please explain how the goals and objectives of the plan are met if new or expanded STPs are not designed and constructed.

pg. 16

pg. 16

pg. 14

4. Part 3.0 Purpose and Need.

Please identify the Long Island Commission on Aquifer Protection (LICAP) as another recent initiative to review and assess groundwater quality and quantity in Long Island including Suffolk County.

pg. 7

5. Part 4.0 Generic Environmental Impact Statement Outline

(a) Subsection 4.0 Potential Impacts of the Proposed Action

Land Use, Community Plans and Character

This section identifies the Long Island Pine Barrens Protection Act. Please add the Central Pine Barrens Comprehensive Land Use Plan to this section as well.

pg. 8

Groundwater and Surface Water

- This section discusses improving groundwater and surface water quality. Please identify how "improvement" will be measured and what standard or standards will be applied to measure improvement including, but not limited to, drinking water quality standards, ecological standards, recreational activity standards, etc. Are public water suppliers involved in the project to measure potential "improvement", if applicable, to drinking water supplies?
- This section discusses assessing "groundwater impacts." Please identify the type of impacts to which the plan is referring to and how the impacts will be alleviated or mitigated.
- This section indicates the potential presence/reduction of other wastewater constituents such as pharmaceuticals and personal care products (PPCPs) will also be acknowledged. Please identify how PPCPs will be remedied and will new systems provide a remedy and to what extent, if any?
- The scope states "surface water impacts will include potential impacts from changes to groundwater baseflow." Please identify or define "groundwater baseflow" and how it is impacted and altered.

pg. 9,
pg. 14

pg. 9

pg. 14

pg. 12

Plants and Animals

- Please identify proximity and disturbance to wetlands and travel time.
- How and in what context will ecological habitats and species be analyzed? Will they be impacted by installation, and to what extent? And if not, why study? Or are they studying to monitor how environment will improve after the system installation?

pg. 14

pg. 9

Historic and Archaeological Resources

Please elaborate on the reasoning to include this section. Please identify specific elements or sites, if any, that may be examined and potentially impacted by the plan to give purpose for including this section.

Pg. 9

Noise and Odors

Provide information and analysis on the levels of noise and odor from existing facilities to compare with the proposed facilities and indicate if the proposed facilities will improve noise and odor levels, worsen them or result in no change.

Pg. 10

Economics

- The scope should refer to the results of the recent Health Impact Assessment (HIA) conducted by the County and the U.S. Environmental Protection Agency to examine various pathways and impacts of potential wastewater treatment and code modifications.
- This section should define in greater detail the proposed "Water Quality District," what it is, who is in it, where it is, how it will be funded, and compliance and enforcement procedures to be established in a Water Quality District.

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Pg. 14

(b) Subsection 5. Short-term or Construction Impacts

Please identify impacts that are expected to occur from new installations including redesign costs and assessment, reorientation of dwellings and facilities for pipes and other infrastructure to facilitate new systems and/or to connect to sewage treatment plants where applicable.

Pg. 11

(c) Subsection 10.0 Alternatives

- i. The No Action Alternative refers to a "patchwork of wastewater collection and treatment systems that currently exist within the County." The Suffolk County Department of Health Services regulates and approves sanitary wastewater treatment facilities and oversees their construction and installation and conformance to discharge standards. Although privately and publicly owned and operated plants, facilities, and sewer districts exist throughout the County, ultimately, systems are required to conform to State and Federal laws delegated to the County to implement standards and discharge concentrations. Therefore, please clarify that although separate public and private entities may own and manage facilities in the County, the SCDHS is the regulatory authority responsible for implementing the Sanitary Code for approval and compliance of facilities. It may also be the case or the scope may state that recently it has come to light that system designs are being examined to improve conditions, effectiveness, and protection of public health, safety, and environmental resources.

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- ii. The scope should identify alternatives and existing conditions and processes that may not be capturing opportunities for improvement and identify potential modifications in practices or review processes that could occur to improve environmental conditions. Will the plan make recommendations to other involved agencies regarding zoning or changes to development standards that may improve conditions? Will the plan recommend changes that would require the retirement of Development Rights or Pine Barrens Credits, or land preservation in instances of nonconforming subdivisions or increases in land use density or intensity to offset potential environmental impacts? pg. 16
- iii. Prior to implementing requirements for 360,000 properties to comply with new regulations, please consider a short term alternative for voluntary participation or potentially entirely new development including new residential subdivisions and commercial and industrial site plans. pg. 14
- iv. An alternative that requires retirement of a development right, flow credit, or Pine Barrens Credit, in cases of substandard subdivisions, increases in density or land use intensity, should be considered prior to implementing regulations that require alternative treatment systems. pg. 17
- v. In the potential alternative for the County to acquire land through open space funding in the defined "priority area," please consider referring to recent amendments to the Community Preservation Fund (CPF) that allow a percentage of funds to be used toward water quality improvement initiatives. Clarify if funds in the CPF would be available for use in this project. In addition, please consider a recommendation to or alternative for municipalities, including Towns and Villages in the County where a CPF does not exist, to explore and consider establishing a CPF to manage the acquisition of priority areas. This may provide a revenue source to acquire land in priority areas and minimize financial impacts to residents in priority areas. pg. 15

(d) Subsection 12.0 Project/Site-Specific D/FEIS Requirements

The DGEIS should develop thresholds for potential impacts that may trigger site specific SEQRA analyses. pg. 12

Thank you for the opportunity to comment on the Draft Scope. If you have any questions, please do not hesitate to contact me at (631) 218-1192.

Sincerely,


Julie Hargrave
Principal Environmental Planner

cc: John W. Pavacic, Executive Director, CPBJP & Policy Commission
Judith Jakobsen, Policy and Planning Manager, CPBJP & Policy Commission
John Milazzo, Counsel to the Commission



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December 12, 2016

Ken Zegel, PE, Associate Public Health Engineer
Suffolk County Department of Health Services, Office of Ecology
360 Yaphank Avenue, Suite 2B
Yaphank, NY 11980

Re: Draft Scoping Document, Suffolk County Subwatersheds Wastewater Plan

Dear Ken:

The Draft Scoping Document for the pending Subwatersheds Wastewater Plan GEIS is continued evidence of Suffolk County's recognition that reduction of nitrogen-loading to groundwater and surface waters is imperative for economic, public health, environmental, and quality of life reasons. The Nature Conservancy applauds the investments that Suffolk County has committed to solving this issue. We appreciate the work that that has gone into preparing the Draft Scoping Document. This letter represents The Nature Conservancy's comments on the draft document; we hope that you will incorporate these comments concerning the draft scoping document. We look forward to continuing our collaborative efforts with Suffolk County as this work continues to progress.

Introduction, Section 1.0

pg. 1

The Draft Scoping Document (DSD) states that "Changes to the County Sanitary Code will enable the Suffolk County Department of Health Services (SCDHS) to implement the wastewater treatment technologies required to achieve the nitrogen reduction goals."

This should be rephrased. It is important for the County to acknowledge that it alone does not bear either the full responsibility or full ability to "achieve the nitrogen reduction goals" that will be necessary to end the scourge of harmful algae blooms and other water quality problems caused by excess nitrogen.

While action by the County is necessary "to achieve the nitrogen reduction goals," it will not be sufficient, because 1) the needed reductions are so great that they exceed the reductions that can be achieved through wastewater technology upgrades subject to County jurisdiction (e.g., wastewater reductions by state and federal entities not subject to the County's jurisdiction; fertilizer reductions by farmers, landscapers, homeowners, and businesses; water reuse projects; wetland restoration; greater use of buffers; Nassau County and CT actions; etc.); 2) for the County's proposed technology upgrades to be effective, community and stakeholder input and cooperation will be essential; and 3) whether or not the County creates the proposed Subwatersheds Plan, there will be independent actions taken by other governmental entities such as Suffolk's ten towns, especially now that five of those towns have an independent source of funding for water quality improvement projects (the Community Preservation Fund), not to mention EPA-driven efforts such as the Long Island Sound and Peconic Estuary TMDLs.

Once again, thank you for the opportunity to provide public comments on these draft reports. Since the days just prior to Sandy the Department of Interior staff from several agencies have done fantastic work in both managing the park during challenging times, as well as compiling a pool of multi-agency monitoring and assessment data that has been critical in this process. We thank you for your efforts and look forward to working with you moving forward.

While we realize that the Scoping Document applies in the first instance to proposed County action, it is important to place this action in the broader context because that context gives distinctive meaning to the alternatives that the GEIS must address. Jumping ahead to that point, while the County may take “no action,” other governments and private entities certainly will take action, which is a factual situation that must be taken into account in the GEIS. Key roles the County can play are to inspire and coordinate other actions, make them more efficient, and reduce conflicts among jurisdictions that would present burdens for technology suppliers and maintenance providers, businesses, and homeowners. There is really no such thing as a “no action” alternative. It should more accurately be termed an “action by others without County leadership” alternative.

In sum, the Introduction should recognize that County action is but a part of a comprehensive, multi-level nitrogen reduction effort that will go on in some form whether or not the County creates the proposed Subwatersheds Plan.

Proposed Action, Section 2.0

Recommended Wastewater Management Strategy, Section 1

All of the discussions to date concerning the need for a Subwatersheds Plan have stressed that it is part of a broad strategy to bring about significant and meaningful nitrogen reductions throughout the County, beginning with priority zones. The ultimate goal, however, is for the use of I/A technology including shallow drainfields to be the new norm everywhere in Suffolk County. The DSD and GEIS should make this clear.

While we understand that the main focus is on the three wastewater management alternatives mentioned in this section – “Innovative/alternative onsite wastewater treatment systems (I/A OWTS); Clustered/decentralized (“Appendix A”) systems; and, Sewage Treatment Plants (STPs), to include only currently proposed projects,” we urge a broad construction of the phrase “currently proposed projects.” A project should be considered “proposed” if it has been seriously discussed, including, for example, the proposed expansion of the Oakdale STP and Greenport STP. These projects should not be subject to a separate process if conditions allow them to move forward.

The section lists the following “scenarios”:

- Cesspool failure;
- New construction;
- Property transfer;
- Grandfathered residential sites with legacy cesspools;
- Grandfathered residential sites with lot sizes below current Sanitary Code requirements;
- Grandfathered Other Than Single Family Residential sites including grandfathered SPDES and failed denitrification system sites; and,
- Phased upgrades within the tiered priority area boundaries defined in the SWP.

A few of these terms warrant revision and definition.

First, the problem with cesspools is not “failure.” Cesspools contribute to nitrogen pollution whether or not they have technically “failed.” Numerous scientists, town governments, and county documents have recognized this fact. Conventional septic systems are only marginally better than cesspools when it comes to nitrogen reduction from wastewater inputs. It is important for the County to be a strong voice on this key point, which is often misunderstood by the media and others. We ask that you replace “cesspool failure” with the following two items:

- Homes and businesses with cesspools
- Homes and businesses with conventional septic systems

replacement of "failing" systems. All cesspools and conventional septic systems should be defined as substandard with respect to nitrogen emissions.

Innovative/Onsite Wastewater Treatment Systems, Section 3

We recommend the following changes:

- Replace "will likely be" with "is expected to be" in the following sentence: "The use of I/A OWTS will likely be expanded to Other Than Single Family Residential properties that meet the allowable flow/design limitations of approved technologies."
- Include discussion of shallow drainfields as a necessary component of I/A systems, with a variance being required in the future for a leaching pool if a site is completely limiting. Once standards are drafted for drainfields, attention can be given to issues such as setbacks.

Clustered/Decentralized Systems, Section 4

As stated above, use of the phrase "grandfathered sites" is too vague and should be clarified. Is the DSD referring to establishments whose flows were previously grandfathered, or to future applicants for grandfathered flow? And, the question whether to require better nitrogen reduction treatment at grandfathered sites (past or future) is a separate matter. Per the 2005 internal memo, the County already has the power to do that.

Advanced Wastewater Treatment Pilot Areas, Section 6

In this section, we recommend adding other somewhat novel approaches to nitrogen reduction, including, but not limited to, water re-use, resource recovery from waste water (e.g. efforts to use macro algae as fertilizer), urine-diversion and composting toilets, botanical treatment projects, wetland restoration, and buffers along water bodies, especially at agricultural sites. There is potential to utilize wastewater for irrigation in a way that both reduces pumping of potable water and adds extra treatment to waste water, thus reducing pollution.

In the bullet points, expand "New York State and Suffolk County owned parks" to "state, county and other municipally owned properties, including parks" because it is not only parks where there is the potential for the County to work with other levels of government, and on properties that are not privately owned. Also, include reference to other taxable districts and uses such as libraries, fire districts, school districts, etc.

Purpose and Need, Section 3.0

There is a strong public health component to the nitrogen-reduction effort given that 1) excess nitrogen is a known direct cause of blue baby syndrome, 2) cyanobacteria caused by excess nitrogen has been documented to cause a variety of human health problems from rashes to respiratory problems to kidney failure to death, and 3) consumption of shellfish affected by toxic algae can lead to sickness and even paralysis, among other health problems. Research is ongoing into linkages between toxic algae, cancer, and muscular degenerative diseases.

Accordingly, the Purpose and Need section should include public health. Further, although mentioned at the bottom of page 7 and top of page 8, it is worth highlighting in Section 3.0 that the goal is also to reduce contamination of drinking and surface waters from other constituents of wastewater, such as pathogens, pharmaceuticals, and personal care products.

Generic Environmental Impact Statement Outline, Section 4.0

To the extent that the issues mentioned in this section can be addressed in a general way, they should be. It will help for the public to see that the County has considered a variety of factors, with reference being made to the site-specific issues that would need to be addressed in supplemental SEQRA reviews. The GEIS could do a good service

Grandfathering

Pg. 12 We have a number of comments regarding "grandfathering" or non-conforming, preexisting usages. Grandfathering is a fuzzy concept that should be used minimally and with care. People use the word to mean different things, such that clarity is extremely important in the GEIS.

We support the County's proposal to eliminate grandfathering of all kinds and require nitrogen-reducing technology for previously grandfathered properties. We understand that there may be a gradual process of narrowing the scope of grandfathering for commercial properties in the process of getting to complete elimination of this automatic variance from current standards and requirements.

There are different types of grandfathering as set forth in Article 6, section 609(B), and there are further variations when one includes decisions made through the variance process. Residential "grandfathering" differs from commercial "grandfathering" in that most residential "grandfathering" results from a pre-1981 lot. Accordingly, we do not see what is gained by referring to such residences as "Grandfathered residential sites with legacy cesspools." Virtually all cesspools in the County are "legacy" in that they are not currently authorized under the County's wastewater standards. Why is the word "legacy" needed or useful here? If the County is concerned that equity should not require replacement of a recently installed cesspool (which would only have been allowed as a replacement-in-kind of an older cesspool), that can be handled with a separate provision.

With respect to commercial grandfathering, it is important to state whether the County is referring to existing commercial establishments operating with flows previously grandfathered, or future applicants for grandfathered flow. The County has elsewhere proposed to narrow and potentially eliminate the grandfathering allowance set forth in Article 6, and it should consider in the GEIS the complete elimination of grandfathering. That, of course, would apply prospectively, not retroactively. However, the use of better technology or a cluster system can be required both prospectively for any newly grandfathered usage, and retroactively for any previously grandfathered establishment. We believe the County's 2005 internal memorandum concerning grandfathering makes this clear, and no new regulations beyond the approvals the County has already authorized would be necessary—though it is certainly prudent to document the requirement and announce the policy clearly.

Pg. 17 The phrase "failed denitrification system sites" requires elaboration in the bullet point "Grandfathered Other Than Single Family Residential sites including grandfathered SPDES and failed denitrification system sites." The phrase should be defined. The GEIS should say where these sites are and how they have been measured.

Pg. 3 There are other categories that should be included, such as all existing non-residential establishments with cesspools or conventional septic systems, and also the category of large-capacity cesspools which the EPA has considered illegal for over ten years yet remain throughout the County.

Pg. 14 Finally, the use of shallow drainfields should be included, in place of cesspits.

Water Quality Protection District and Responsible Management Entity. Section 2

Pg. 3 For the reasons stated above, the words "failed" and "legacy" should be removed from the following bullet point:

- Provide a funding mechanism, such as low interest loans or grants, for the replacement of legacy cesspools or failed conventional sanitary systems by I/A OWTS;

There is a difference between reactive and proactive upgrades of cesspools and conventional septic systems. A "reactive" approach would tell a homeowner with a "failed" system – either cesspool or septic—that s/he must install an I/A system in its place. A proactive approach will mandate upgrades, perhaps in priority areas at first, but overtime becoming the norm. A "funding mechanism" is necessary only with respect to the proactive upgrades to the extent that individual homeowners cannot afford the cost of the upgrade. Proactive upgrades are absolutely necessary if there is to be nitrogen reduction at a scale that makes a difference to our groundwater and surface waters—and funding assistance should not be limited to "legacy" cesspools or

by giving a general outline of what is already known, the policy actions that logically respond to the problems, and the issues and specific questions that need to be answered in the supplemental SEQRA processes.

Existing Environmental Setting

Add to the first set of bullet points:

- Suffolk County Water Authority information, data, forecasts, etc.
- Relevant data from non-profits and academic institutions, such as nitrogen-load models and studies of nitrogen impacts on wetlands and seagrass

Add to the "Physical Environment" bullet points:

- Water withdrawal from public and private wells
- Sediment characteristics

Potential Impacts of Proposed Action

- Under "Land Use," the list of "regional and county water protection programs" should include the Long Island Committee for Aquifer Protection (LICAP)
- In the discussion of "Groundwater and Surface Water," we recommend making more of the fact that better wastewater treatment of nitrogen will also have benefits by reducing pathogens and other contaminants. The extent to which this is true will depend on the technology and contaminant, but in general there should be more awareness that several water quality gains can be achieved through better water cycle and wastewater management.
- The impacts of pumping water from one subwatershed and discharging it into another subwatershed may also be something that needs to be considered.
- Regarding the section entitled "Human Health (Contaminant Exposure/Hazardous Materials)," the human health impacts are far greater than spills, as noted above. The human health section should not be limited to "contaminant exposure/hazardous materials" but should include the range of diseases from direct ingestion of nitrogen to contact with toxic algae caused by excess nitrogen, either through recreational contact, shellfish and fish consumption, or other means.
- "Economics" is outlined in unjustifiably narrow terms. Water quality undergirds Long Island's economy in many respects: some 40% of the island's businesses are considered water-dependent—either freshwater or surface waters. Real estate values are influenced by water quality. That means property tax revenues depend on water quality, as does the multi-billion-dollar tourist industry of Long Island. If water quality deteriorates further, all of these economic indices will suffer. Accordingly, the costs of not acting to reduce nitrogen to necessary levels must be considered in addition to the "potential economic benefits" of improved water quality.

In terms of economic benefits, there should also be consideration given to the economic gains that will arise from a more professionalized wastewater industry that is client-focused and requires better maintenance and monitoring and potentially pumping. This new industry will create jobs from design to permitting to installation and maintenance workers.

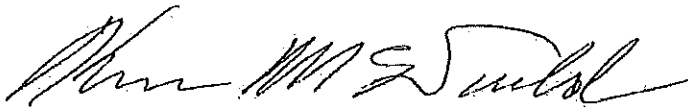
Alternatives Analysis

As referenced in our introductory paragraph, the "no action alternative" does not really exist. It implies that if the County does not act, no one else will—and that is simply incorrect. The County has already approved Section 19 of the sanitary code and has authorized new I/A technology, such that towns may require use of these systems, and individuals may install them voluntarily. Further, the Long Island Nitrogen Action Plan will propose certain actions, if not require them, and the same can be said with the Long Island Sound and Peconic Estuary TMDLs. (And additional TMDLs may be created in Suffolk County related to nitrogen on the basis of the State's compliance with the federal Clean Water Act.) Accordingly, "no action" is not really possible. The "no action" alternative here is really no action of the sort proposed, or no additional action at this time, but what exactly does that mean? No

subwatersheds delineated, no goals set, no amendment to Articles 5 and 6, no attempts at uniform implementation, etc.—or the undertaking of these tasks by other entities? The absence of active County involvement while others act is a separate alternative that must be addressed in the GEIS.

In conclusion, The Nature Conservancy offers its appreciation to Suffolk County for your leadership in advancing solutions to the islands water quality crisis. Moving forward, The Nature Conservancy is committed to as well as continue working with the county and others as these efforts progress.

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin McDonald". The signature is fluid and cursive, with the first name "Kevin" written in a larger, more prominent script than the last name "McDonald".

Kevin McDonald
Conservation Policy Advisor
The Nature Conservancy, Long Island Chapter

cc
Peter Scully

Taylor, Maryanne

From: Sara Davison <Sara@friendsofgeorgicapond.org>
Sent: Friday, December 02, 2016 10:10 AM
To: Zegel, Ken
Subject: Wastewater Scoping Session

pg. 16

Dear Ken,

I learned alot and was very impressed with the detail of your scoping session and document. Friends of Georgica Pond Foundation will submit brief written statements by Dec 13. At your suggestion, I will work with Bridget Fleming and Kim Shaw, to get all the Georgica Pond data to them for consideration in your planning. Our preliminary thinking is that we want to advocate for voluntary upgrade of septic systems (+/- 75) around the pond in the coming year and the look for partnerships with the Town CPF and County within critical areas of the watershed, especially the commercial district of Wainscott.

Let me know if this makes sense!

So nice to meet you.

Sara Davison

Executive Director

Friends of Georgica Pond Foundation, Inc.

"To preserve the Georgica Pond ecosystem for future generations through science-based, watershed-wide policy and restoration"



Taylor, Maryanne

From: Dan Gulizio <dan@peconicbaykeeper.org>
Sent: Monday, December 12, 2016 1:19 PM
To: Zegel, Ken
Cc: Taylor, Maryanne
Subject: DRAFT Scoping Document - GEIS Suffolk County Subwatersheds Wastewater Plan
Attachments: PastedGraphic-1.tiff

Ken,

pg. 18

Below please find public comments related to the County's recently released DRAFT Scoping Document associated with the Generic Environmental Impact Statement (GEIS) for the Suffolk County Subwatersheds Wastewater Plan. Please incorporate these comments into the public record for the GEIS.

SEQRA mandates that a lead agency identify the relevant areas of environmental concern, take a "hard look" at any potential impacts and provide a reasoned elaboration for its conclusions. In the process, the lead agency is obligated to consider a variety of potential impacts including short-term, long-term, primary, secondary and cumulative impacts. Cumulative impacts include any potential impacts associated with "reasonably related" actions. In this case, there are a host of reasonably related actions that should be considered in conjunction with the GEIS for the subwatersheds wastewater plan. In addition to the County's water resources management plan, this should include as a minimum the following:

- Reclaim Our Waters Initiative - The Subwatersheds Study was described as a "sub-component" of the County Executive's Reclaim Our Waters Initiative. As such, the potential impacts assessed in the GEIS should include all reasonably related actions contained within the broader policy document referred to as the Reclaim Our Waters Initiative.
- Comprehensive Water Resources Management Plan - The County has recently released a "Comprehensive Water Resources Management Plan" which has served as the foundation for initiatives like the Subwatersheds study. However, the Water Resources Management Plan has never been adopted by the County, nor have the potential environmental impacts of its recommendations been reviewed under the State Environmental Quality Review Act (SEQRA). Resource management plans are defined as Type I Actions under SEQRA. As such, if the County's water resources management plan is to be used to support amendments to the sanitary code or studies such as the subwatersheds wastewater plan, it should be analyzed under SEQRA in conjunction with the subwatersheds study.

- The Sanitary Code - Recent and ongoing updates to the Suffolk County Sanitary Code are a direct result of the information prepared and analyzed as a part of the comprehensive water resources management plan. Segmentation is inconsistent with SEQRA and the division of reasonably related actions like the update of the sanitary code, the release of the water resources management plan and the subwatersheds wastewater plan represents an impermissible segmentation of these reasonably related actions.
- Sewer Capacity Study - The County has previously prepared a sewer capacity study that analyzed the expansion of existing sewage treatment plants and the potential development of new systems. Sewer capacity and the permitting of innovative alternative on-site wastewater systems are also reasonably related actions to the subwatersheds study. Accordingly, the impacts of these plans should be considered in conjunction with the subwatersheds study.
- County Comprehensive Plan - The County recently adopted a new comprehensive plan. Land use plans are Type I Actions under SEQRA. Despite this fact, the County deemed the adoption of the plan a Type II Action. Since resource management is a necessary component of a properly prepared comprehensive plan, the recently released water resources management plan should be considered a component of the County's Comprehensive Plan. The potential environmental impacts of the comprehensive plan should be considered in conjunction with the GEIS for the subwatersheds study.
- County Regional Transportation and Development Plan - The County recently released a "Regional Transportation and Development Plan" which details infrastructure needs and potential economic development opportunities. This study, the comprehensive plan, the updates to the sanitary code and the sewer capacity study are all reasonably related actions under SEQRA. Accordingly, all associated potential impacts including cumulative impacts, should be considered at this time.
- Bergen Point Expansion - The County recently approved a 10 million gallon per day expansion of the Bergen Point STP. In addition, the County is currently considering a 7-mile main extension from the Bergen Point Plant to the project known as the Ronkonkoma Hub. This project also includes a second main for the connection of both existing and proposed development along Veterans Memorial Highway. These are also reasonably related actions under SEQRA, the cumulative impact of which has never been assessed. Accordingly, the GEIS for the subwatersheds study should incorporate these actions as well.

In summary, the County is in the process of expanding sewerage, implementing innovative on-site wastewater systems and updating the sanitary code. All of these reasonably related actions will impact water resources throughout the County. The County has an obligation to assess the

cumulative impact of these reasonably related actions and, in particular, development-related impacts resulting from increased wastewater capacity. To date, it has failed to do so. The subwatersheds wastewater plan represents an opportunity to secure compliance with SEQRA. We recommend that the scope of the GEIS be expanded to consider the full range of potential environmental impacts consistent with SEQRA.

Thank you for the opportunity to provide comments.

Sincerely,
Dan Gulizio

Your Clear Voice for Clean Water



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concurrently.

There's a 60 day review period with a public meeting in the middle at that end of next summer. Final GEIS will be prepared and posted. There will be an approximately 15 day comment period on the final document. And the finding statement will be prepared sometime next November. And with that, I think we are at up to public comments.

MR. KAUFMAN: Okay. We're going to ask for the public scoping part of the presentation. I have two cards and one legislator, so maybe I'll give everybody a few more minutes. The first gentleman to be called up is Kevin McDonald from the Nature Conservancy.

MR. MCDONALD: Kevin McDonald. I'm with the Nature Conservancy. We'll be submitting formal comments before the 13th. A couple of general observations. Obviously we support the general strategy over sub-watershed by sub-watershed nitrogen reduction strategies. Before you

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2 can do that, you have to know, you know,
3 what your load is, where they are coming
4 from and your alternatives. So a couple
5 of general comments. There is a fair
6 amount of detail committed to the term
7 grandfathering and the terms for legacy
8 contamination. And in an effort to
9 simplify this, it's the very existence of
10 onsite base disposal systems and their
11 current technology that is responsible for
12 the problem we have.

13 Making distinctions between all these
14 technologies is probably a distinction
15 without a difference. So, simplify this a
16 little bit and just say all these things
17 cause all these problems and now they need
18 to be mitigated, that's one. The second
19 is, I was pleased to see that the scoping
20 document has a couple of areas where you
21 will be doing existing conditions and
22 potential build out.

23 And the other thing I would ask you
24 consider in the context of your plan while
25 you're doing this with the municipalities

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is ask them where they want to have growth

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centers and tell everybody that up front

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so that everybody else going forward

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should assume that the zoning in their

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communities is in fact what it should be

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going forward and you can build a model

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for the present zoning that maybe there.

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I understand that's a loaded question to

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ask, but I think the public has a right to

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know that.

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And then a final major comment is for

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the, you know, the ecological standards

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that you have identified we fully support

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that. I know there's a series of

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different people having conversations

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about how to articulate that based on work

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in other parts of the county which is

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great. But getting those targets with a

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measure of safety or a measure -- an

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additional measure of safety in case you

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-- you can't measure right up to one pound

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per acre applied and be comfortable

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knowing that's right. So the EPA

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typically has an error bar that you need

Pg. 17

Pg. 15

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to have in there to assure success and it would be great to have some discussion on that.

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And I wish you all well in your pursuit. This is really important. This is something the Peconic Estuary Program has been looking to do for a while. I understand this is being integrated and that's great. And I look forward to working with everybody here and the good product that we hope will be produced at the end of the day. Thank you.

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MR. KAUFMAN: Thank you, Kevin. We appreciate your comments. I have a Cy Consella (phonetic), Wainscott Citizens.

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MR. CONSELLA: I'm representing a number of residents from Wainscott. Wainscott has two important areas of environmental significance; namely, Georgica Pond and Wainscott Pond. You may have read a lot about Georgica Pond in the press over the last year or so. Sarah Davis, who is a colleague of mine that sits on the environmental subcommittee of

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the Wainscott Citizens Advisory Committee,
is also here. Sarah has been president of
the Friends of Georgica Pond.

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Where we are in Wainscott, the
cesspool system is incredibly important to
us. Give you an idea, my home was built
225 years ago and last year we had to
replace our cesspool system. I don't
believe it was built 225 years ago, it was
probably built 100 years ago. But it was
pretty close to collapse. Cost quite a
bit of money for us to put in. And when
we did it, we wanted to put in a nitrogen
reducing system because we were fully
aware of all the problems that were
happening with nitrogen load in Wainscott
an Georgica Pond, and also around the
broader area, you know, the massive fish
kills due to hypoxia, the turtles that
have died through toxins, et cetera.

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So what we're talking about is
incredibly important. I don't know
whether any of you can see that map there,
but that's water flow district of

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Wainscott. There's Georgica Pond and

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that's Wainscott Pond there.

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There's a lot of fishing that goes on, especially crabbing, in Georgica Pond.

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The last two years Georgica Pond has been

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closed to that activity. When I first

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moved up to this part of the world 10

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years ago, we used to go fishing for white

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perch and ate it straight out of the pond,

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it was delicious, and the crabs of course,

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but you can't do that anymore due to

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saxitoxin.

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Wainscott Pond, the smaller pond here

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is a wildlife refuge. Nobody goes there,

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it's just given over to the birds and

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things. There are otters there, snapping

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turtles, terrapins, all sorts of migrating

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birds et cetera. All of that is at risk

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because there too much nitrogen in the

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system. But it's worst than that because

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there's also the evidence of cyanobacteria

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in the groundwater for the first time that

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I have known, first time that I think

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Dr. Gobler knows of as well.

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So that's creating a new dynamic. We don't know whether that's a result from salt water intrusion or too much irrigation or too much phosphorus or whatever it results from. But what we do know is that we need to study it further to find out exactly what's happening in the pond, exactly the impact of what we're putting into the ponds.

We use to have a saying in Australia where I grew up, don't shit in your own backyard. And I hate to say it, but that's what we're doing too much of.

MR. KAUFMAN: I thought you were from Brooklyn.

MR. CONSELLA: We have got to think of a way to live in our environment in a more friendly way because there are more of us that live there. The only other -- I won't talk too much, but the only other thing that I'll bring to your attention is this graph here. I know you won't be able to read it but hopefully see some of the lines. I just want to point out two lines

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on this graph.

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You can see down at the bottom of this graph there's a red line down the bottom. That red line is the New York State DEC threshold for cyanobacteria in the water for recreational activities, 20 parts, 20 micrograms per liter. This line here goes up to here. That's the cyanobacteria that's being detected in Wainscott Pond just this last summer.

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It's peaked at about 500 micrograms per liter which is 25 times the New York State DEC limit for recreational activities. What I was worried about and what Dr. Gobler and myself and Sarah's group have been working on, is trying to avoid a massive die off in the ponds, especially Wainscott Pond.

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Georgica Pond is suffering but I think it will come back. Wainscott Pond, I simply don't know what's going to happen next year. The wild life I believe is in a desperate state. Also the quality of our drinking water because the ground

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water ponds are a lot of private wells.
And whatever we doing to the surface,
whatever all the residents are doing
around the ponds, it makes its way into
the private wells.

MR. KAUFMAN: Sir, you time just
about up.

MR. CONSELLA: I would like to thank
very much the Suffolk County Executive for
taking this so seriously and putting
together those plans. And if there's
anything that we can do to help, we will.
But we also need your help to solve the
problem.

MR. KAUFMAN: That's what we're here
for. Okay. Legislature Al Krupski. I
normally give everybody three minutes.
You get 180 seconds.

MR. KRUPSKI: Thank you. I just want
to compliment everybody who is involved in
this and putting it together. It's
really, I think it's very comprehensive
and it shows a lot of work and a lot of
acknowledgement of the input that you have

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received so far and I think that's really important.

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If you could add under Section, though, if I could suggest adding under Section Two, there's a place here where it says recommended wastewater management strategy. And I think if you add ~~brief~~ ^{recon} instruction to that list I think it would be appropriate. Under cesspool failure, infrastructure, property transfer, I think that wouldn't be such a bad thing.

And then just to urge you when you -- it does say using all the under existing environmental settings make sure that you use the most current data. That's really important. I know there's a lot of reference to different modelling. But, you know, if you put bad information in the model, it's going to be very inaccurate and misleading. So it's really important to use the most recent testing and data for that. Thank you. Thank you for your efforts though, it's a very nice draft.

Pg. 3

Pg. 7

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MR. KAUFMAN: I have one more card

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unless anyone else has any other cards. I

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have a Mr. Kevin McCallister, Defend H20.

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MR. MCCALLISTER: Good evening,

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everyone. Let me start by saying I'm very

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pleased with the scope. I think it's

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extremely comprehensive. I know obviously

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the capability of the consultant on

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looking at the sub-watershed analysis.

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Very likely you have covered this and in

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looking at the scope document, I know you

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have. But I would like to fill in some

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blanks or at least emphasize a few points.

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The evaluation of the end loading,

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you have covered all the inputs,

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fertilizer, wastewater of course. I think

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it's important to look at various

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scenarios of the current conditions, what

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is that load? With Article 19 we have the

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striving for the 19 milligram per liter

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threshold. You know, what does that mean

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across the board? A below 10 milligram

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per liter, I think we need to flesh out

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the commercial input versus the

pg. 15

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residential input.

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So, you know, to have all these scenarios laid out with respect to what the various loads. Surface water sensitivity, you have covered it but I am a strong proponent of numeric nutrient standards. I know that is State driven. Back in 1987 there was an EPA directive to the states to move away from a narrative standard which is very subjective to a numeric standard.

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Unfortunately that is not part of this. I realize that is a State directive that has to happen. We know what those numbers are. I believe they need to be assigned and promulgated into law.

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Cost benefit analysis; I know this factors into the IA systems, sewerage, et cetera. But I do think that you really -- the science has to be at least initially de-coupled from the cost benefit analysis. You know, let's define the loading and the various scenarios, the various remedies. Put aside the cost benefit and then

Pg. 15

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ultimately bring that in obviously as we're developing policy and what the meaningful actions would be.

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Pg. 15

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Triggers for the upgrades; mandates, time of property transfer. You know, all these scenarios, of course, will be considered. And I think it should go a step further actually identifying what the reductions would be based on what the reasonable timelines are. We probably have an idea of what the property transfer is. I recall some years ago and I don't know if it's a national level, but every seven years was a property transfer.

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Pg. 17

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What is that in Suffolk County and how quickly do we, I guess, achieve the goals in nitrogen reduction? Grandfathering, you know, this is in my opinion a, you know, the 500 pound gorilla in the room. We really need to address it. I know it's being discussed. The County is examining it. But ultimately, you know, goal has to be to eliminate grandfathering to ensure that, again, we

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are striving for the greatest reduction

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possible.

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This maybe an omission, perhaps not,

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sea level rise and coastal inundation.

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Pg. 15

That has to be factored in into these

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areas. Using the various projections from

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the State, they have these in place. They

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have not been promulgated into law,

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there's been a delay unfortunately. But,

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you know, ultimately as we're dealing

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with, you know, particularly that zero to

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two year travel time, what does mean in 20

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years does?

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It make sense to be really installing

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these various systems? What type of

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systems need to go into those zones? So I

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think that's a really important element

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that needs to be incorporated. And lastly

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sewering. And I know that's, again, one

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of the strategies with IA systems.

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What are the build out scenarios?

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And I know, Maryanne, you did disclose

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that as part of it. But let's not look at

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a static system and say, well, we

Pg. 15

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incorporated sewer district in this particular watershed, here's our reduction. Well, what does what mean for ultimate build out for potential increased density? So that has to be factored in when we are considering, you know, what the appropriate approach is for nitrogen reduction in these various watersheds.

And lastly I would say an excellent job, I'm very pleased and I'm pleased that there is a tight timeline that this is moving along and that's wonderful news. And I realize there's, you know, a great deal of work here, great deal of expertise is contributing to this process and I'm very optimistic that, you know, when we reach the final product we'll have a real strategy to reclaim our waters. Thank you.

MR. KAUFMAN: Right under the deadline. Okay, anybody else?

MS. GLASS: My name is Barbara Blass, B-L-A-S-S. I'm a resident of Jamesport and I'm much less technical. Just a very

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brief comment, as you know, the five east

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end towns recently adopted the Community

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Preservation Fund and part of that

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amendment or an amendment to it, part of

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the amendment was an authorization to

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allow up to 20 percent for water quality

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improvement projects. And as a result of

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that, each of the Towns adopted their

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local law and part had to identify

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projects within their towns and Action

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Plans for priority areas. And the project

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themselves involved with nitrogen

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reduction.

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And I guess my comment is loosely

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related to consistency with local adopted

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plans. Each of the five east end towns

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has a loose plan where they have

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pg. 16

identified priority areas and projects

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which would be eligible to receive monies

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through the CPF. And I'm just wondering

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how they are going to interface with your

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priority areas and just a general

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understanding of how it's going to work

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together.

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MR. KAUFMAN: We can't answer that question at this point in time, but it is something that will be answered in the Scope when it's finally prepared after the Health Department and the consultant go over it and try and figure out the answer.

MS. BLASS: Thank you so much.

MR. KAUFMAN: Okay. Anybody else? Going once, going twice, sold. Okay. My duty now is to officially close the public scoping on behalf of the Council on Environmental Quality. And we're closed, we're finished. Thank you. Thank you everyone for coming.

(Time noted: 7:04 p.m.)

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SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
 6 NYCRR Part 617
 State Environmental Quality Review

Part 1 – Environment and Setting

Instructions: Part 1 is to be completed by the applicant or project sponsor. 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. If a question is not applicable to the proposed project indicate with “N/A”.

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 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 project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Sponsor Information

Name of Action/Project: Port Jefferson - Wading River Rails to Trails Pedestrian and Bicycle Path (PIN 0758.16, CP 5903)
Project Location (specify Town, Village, Hamlet and attach general location map*): The project area comprises seven hamlets in the Town of Brookhaven, including Port Jefferson Station, Mount Sinai, Miller Place, Sound Beach, Rocky Point, Shoreham and East Shoreham as well as approximately 1,500 feet in Wading River in the Town of Riverhead.
Street Address: Within Long Island Power Authority right-of-way, (runs parallel to and 200'-500' north of Route 25A) from Crystal Brook Hollow Road to Wading River Manorville Road.
Name of Property or Waterway: Long Island Power Authority (LIPA) right-of-way

* Maps of Property and Project: Attach relevant available maps including a location map (note: use road map, Hagstrom Atlas, USGS topography map, tax map or equivalent) and preliminary site plans showing orientation, scale, buildings, roads, landmarks, drainage systems, area to be altered by project, etc.

Type of Project: New Expansion

Capital Program: Item # 5903 Date Adopted: 9/1/2015 Amount: \$676,775

Brief Description of Proposed Action (include purpose or need/attach relevant design reports, plans, etc.): The project is located within a ten mile strip of abandoned Long Island Rail Road right-of-way presently owned by the Long Island Power Authority (LIPA), which utilizes it as an electrical distribution right-of-way. The project includes the construction of a ten (10) foot wide shared use path within the existing LIPA right-of-way located north of Route 25A in the Towns of Brookhaven and Riverhead. An approximately 950 foot section in Rocky Point will be on-road due to the lack of LIPA right-of-way. The land as it currently exists, travels through areas of residential and commercial development and exhibits grass areas with moderate to heavy natural vegetation in most locations that serves to screen the path visually from surrounding neighborhoods.

This project will address the safe access and travel needs for bicyclists and pedestrians. There is also a need to encourage and provide alternate modes of transportation for either daily commuting or accessing recreational facilities. This multi-use path will provide a non-motorized connection from Port Jefferson Station in the vicinity of the railroad station and the previously constructed "Setauket-Port Jefferson Station Greenway Trail" to Wading River. This link will ultimately provide approximately 13.5 miles of a non-motorized alternative mode of transportation. Currently, mobility in the area is largely limited to motorized transportation. This project will greatly enhance the opportunities to improve mobility in the form of non-motorized transportation.

Project Status:

	Start	Completion
Proposal		
Study	09/2015	03/2017
Preliminary Planning	03/2017	12/2017
Final Plans: Specs	01/2018	12/2018
Site Acquisition		
Construction	03/2019	12/2020
Other		

Departments Involved:

Dept. Performing Design & Construction

Initiating Dept. (if different)

Name:	Suffolk County Department of Public Works	
Street/PO:	335 Yaphank Avenue	
City, State:	Yaphank, NY	
Zip:	11980	
Contact Person:	Jeff Dawson, P.E.	
Business Phone:	(631) 852-5325	
Email:	jeffrey.dawson@suffolkcountyny.gov	

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)
<i>i.</i> City Council, Town Board or Village Board of Trustees	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
<i>ii.</i> City, Town or Village	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Town of Brookhaven Highway	2018

	Planning Board or Commission			Work Permit; Town of Riverhead Highway Work Permit					
iii.	City, Town or Village Zoning Board of Appeals	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>						
iv.	Other local agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>						
v.	County agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Suffolk County Legislature approval of local share	2018				
vi.	Regional agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>						
vii.	State agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	New York State Department of Transportation Design Authorization	2/28/2017				
viii.	Federal agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>						
ix.	Coastal Resources Is the project site within a Coastal Area or the waterfront area of a Designated Inland Waterway? If YES, <table border="1" style="width: 100%;"> <tr> <td style="width: 70%;">Is the project site located in a community with an approved Local Waterfront Revitalization Program?</td> <td>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> </tr> <tr> <td>Is the project site within a Coastal Erosion Hazard Area?</td> <td>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> </tr> </table>				Is the project site located in a community with an approved Local Waterfront Revitalization Program?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is the project site within a Coastal Erosion Hazard Area?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Is the project site located in a community with an approved Local Waterfront Revitalization Program?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
Is the project site within a Coastal Erosion Hazard Area?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								

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 <input type="checkbox"/> No <input checked="" type="checkbox"/>
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? If Yes: Does the comprehensive plan include specific recommendations for the site where the proposed action would be located? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
b. Is the site of the proposed action within any local or regional special planning district (i.e. Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; et. al)? If Yes, identify the plan(s): _____	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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? If Yes, identify the plan(s): _____	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
C.3. Zoning	

<p>a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance?</p> <p>If Yes, what is the zoning classification(s) including any applicable overlay district?</p> <p>Town of Brookhaven A-1 Residence; Town of Riverhead Residence B-80; Village of Shoreham Residence B</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>b. Is the use permitted or allowed by a special or conditional use permit?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>c. Is a zoning change requested as part of the proposed action?</p> <p>If Yes, what is the proposed new zoning for the site?</p> <p></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>C.4. Existing Community Services</p>	
<p>a. In what school district is the project site located? Comsewogue, Mount Sinai, Miller Place, Rocky Point and Shoreham-Wading River School Districts</p>	
<p>b. What police or other public protection forces serve the project site? Suffolk County Police Department in the Town of Brookhaven; Riverhead Town Police in the Town of Riverhead</p>	
<p>c. Which fire protection and emergency medical services serve the project site? Port Jefferson, Mount Sinai, Miller Place, Rocky Point, Sound Beach, Shoreham and Wading River Fire Departments and Emergency Services</p>	
<p>d. What parks serve the project site? Mount Sinai Schools & Athletic Fields, Rose Caracappa Recreation Center, Sylvan Avenue Park, Rolling Oaks Town Golf Course, Robert Miner Park, Joseph A. Edgar Intermediate School & Athletic Fields, Shoreham BMX, Robert L. Reid Recreational Center and the Shoreham-Wading River High School & Athletic Fields</p>	

D. Project Details

<p>D.1. Proposed and Potential Development</p>	
<p>a. What is the general nature of the proposed action? (if mixed, include all components)</p> <p>Residential <input type="checkbox"/>; Industrial <input type="checkbox"/>; Commercial <input type="checkbox"/>; Recreational <input checked="" type="checkbox"/>; Other <input checked="" type="checkbox"/>: Transportational</p>	
<p>b. Total acreage of the site of the proposed action:</p>	<p>38 acres</p>
<p>c. Total acreage to be physically disturbed:</p>	<p>36 acres</p>
<p>d. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor:</p>	<p>134 acres</p>
<p>e. Is the proposed action an expansion of an existing project or use?</p> <p>If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet, etc.)?</p> <p>This project will expand upon the previously constructed Setauket Greenway project, which is a 3.5 mile long bikepath and will add 10 additional miles of bicycle and pedestrian trails.</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>f. Is the proposed action a subdivision, or does it include a subdivision?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

If Yes:

i. Purpose or type of subdivision? (if mixed, specify types)

Residential ; Industrial ; Commercial ; Recreational ; Other

ii.

Is a cluster/conservation layout proposed?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Number of lots proposed:	
Minimum and maximum proposed lot sizes:	

g. Will proposed action be constructed in multiple phases?

If No, What is the anticipated period of construction?

Construction is anticipated to last 20 months.

If Yes:

Total number of phases anticipated:

Anticipated commencement date of phase I (including demolition):

Anticipated completion date of final phase:

Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases:

Yes No

h. Does the project include new residential uses?

If Yes, show number of units proposed.

	Single Family	Two Family	Three Family	Multi-Family (4+)
Initial Phase				
At Completion				

Yes No

i. Does the proposed action include new non-residential construction (including expansions)?

If Yes:

Total Number of Structures:

Dimensions of largest proposed structure:

Approximate extent of building space to be heated or cooled:

Yes No

<p>j. 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?</p> <p>If Yes:</p>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Purpose of the impoundment:	
If a water impoundment, the principal source of the water: Ground Water <input type="checkbox"/> ; Surface Water Streams <input type="checkbox"/> ; Other <input type="checkbox"/> (specify):	
If other than water, identify the type of impounded/contained liquids and their source:	
Approximate size of the proposed impoundment (include units): Volume: _____ Surface area: _____	
Dimensions of the proposed dam or impounding structure:	
Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):	

D.2. Project Operations

<p>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)</p> <p>If Yes:</p>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
What is the purpose of the excavation or dredging?	
How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site? Volume: _____ Over what duration of time: _____	
Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them:	

D.2.a (cont.) – only answer following if checked “Yes” above

Will there be onsite dewatering or processing of excavated materials? If Yes, describe:	
What is the total area to be dredged or excavated?	
What is the maximum area to be worked at any one time?	
What would be the maximum depth of excavation or dredging?	
Will the excavation require blasting?	
Summarize site reclamation goals and plans:	

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, water body, shoreline, beach or adjacent area?

If Yes:

Identify the wetland or water body which would be affected (by name, water index number, wetland map number or geographic description):

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

Will proposed action cause or result in disturbance to bottom sediments?

If Yes, describe:

Will proposed action cause or result in the destruction or removal of aquatic vegetation?

If Yes:

Area of vegetation proposed to be removed:

Expected acreage of aquatic vegetation remaining after project completion:

Purpose of proposed removal (e.g., beach clearing, invasive control, boat access):

Proposed method of plant removal:

If chemical/herbicide treatment will be used, specify product(s):

Describe any proposed reclamation/mitigation following disturbance:

Yes No

c. Will the proposed action use or create a new demand for water?

If Yes:

Total anticipated water usage/demand per day:

Will the proposed action obtain water from an existing public water supply?

If Yes:

Name of district/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

Will line extension within an existing district be necessary to supply the project?

If Yes:

Describe extensions or capacity expansions proposed to serve this project:

Source(s) of supply for the district:

Yes No

Is a new water supply district or service area proposed to be formed to serve the project site?

If Yes:

Applicant/sponsor for new district:

Date application submitted or anticipated:

Proposed source(s) of supply for new district:

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

If water supply will be from wells (public or private), what will be the maximum pumping capacity?

d. Will the proposed action generate liquid wastes?

If Yes:

Total anticipated liquid waste generation per day:

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

If sanitary wastewater identify proposed disinfection technology and treatment goals for the following:

- Disinfection technology:
- Nitrogen:
- Phosphorus:
- Total Suspended Solids (TSS):
- Biological Oxygen Demand (BOD):

Will the proposed action use any existing public wastewater treatment facilities?

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 line extension within an existing district be necessary to serve the project?

If Yes:

Describe extensions or capacity expansions proposed to serve this project:

Will a new wastewater (sewage) treatment district be formed to serve the project site?

If Yes:

Applicant/Sponsor for new district:

Date application submitted or anticipated:

What is the receiving water for the wastewater discharge?

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):

Describe any plans or designs to capture, recycle or reuse liquid waste:

Yes No

<p>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?</p> <p>If Yes:</p> <table border="1"> <tr> <td data-bbox="154 304 1291 399"> How much impervious surface will the project create in relation to total size of project parcel? Area of Impervious Surface: 12 acres Area of Parcel: 134 acres </td> </tr> <tr> <td data-bbox="154 399 1291 472"> Describe types of new point sources: none </td> </tr> <tr> <td data-bbox="154 472 1291 598"> 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)? on-site stormwater management </td> </tr> <tr> <td data-bbox="154 598 1291 672"> If to surface waters, identify receiving water bodies or wetlands: </td> </tr> <tr> <td data-bbox="154 672 1291 766"> Will stormwater runoff flow to adjacent properties? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> </td> </tr> <tr> <td data-bbox="154 766 1291 871"> Does proposed plan minimize impervious surfaces use pervious materials or collect and re-use stormwater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> </td> </tr> </table>	How much impervious surface will the project create in relation to total size of project parcel? Area of Impervious Surface: 12 acres Area of Parcel: 134 acres	Describe types of new point sources: none	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)? on-site stormwater management	If to surface waters, identify receiving water bodies or wetlands:	Will stormwater runoff flow to adjacent properties? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Does proposed plan minimize impervious surfaces use pervious materials or collect and re-use stormwater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
How much impervious surface will the project create in relation to total size of project parcel? Area of Impervious Surface: 12 acres Area of Parcel: 134 acres							
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Will stormwater runoff flow to adjacent properties? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>							
Does proposed plan minimize impervious surfaces use pervious materials or collect and re-use stormwater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>							
<p>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?</p> <p>If Yes, identify:</p> <table border="1"> <tr> <td data-bbox="154 1050 1291 1113"> Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles): </td> </tr> <tr> <td data-bbox="154 1113 1291 1186"> Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers): </td> </tr> <tr> <td data-bbox="154 1186 1291 1249"> Stationary sources during operations (e.g., process emissions, large boilers, electric generation): </td> </tr> </table>	Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles):	Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers):	Stationary sources during operations (e.g., process emissions, large boilers, electric generation):	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>			
Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles):							
Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers):							
Stationary sources during operations (e.g., process emissions, large boilers, electric generation):							
<p>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?</p> <p>If Yes:</p> <table border="1"> <tr> <td data-bbox="154 1428 1291 1522"> 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 <input type="checkbox"/> No <input type="checkbox"/> </td> </tr> <tr> <td data-bbox="154 1522 1291 1764"> In addition to emissions as calculated in the application, the project will generate: <ul style="list-style-type: none"> - Tons/year (metric) of Carbon Dioxide (CO₂) - Tons/year (metric) of Nitrous Oxide (N₂O) - Tons/year (metric) of Perfluorocarbons (PFCs) - Tons/year (metric) of Sulfur Hexafluoride (SF₆) - Tons/year (metric) of Carbon Dioxide equivalent of Hydroflorocarbons (HFCS) - Tons/year (metric) of Hazardous Air Pollutants (HAPs) </td> </tr> </table>	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 <input type="checkbox"/> No <input type="checkbox"/>	In addition to emissions as calculated in the application, the project will generate: <ul style="list-style-type: none"> - Tons/year (metric) of Carbon Dioxide (CO₂) - Tons/year (metric) of Nitrous Oxide (N₂O) - Tons/year (metric) of Perfluorocarbons (PFCs) - Tons/year (metric) of Sulfur Hexafluoride (SF₆) - Tons/year (metric) of Carbon Dioxide equivalent of Hydroflorocarbons (HFCS) - Tons/year (metric) of Hazardous Air Pollutants (HAPs) 	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>				
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<p>h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Estimate methane generation in tons/year (metric):</td> </tr> <tr> <td>Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):</td> </tr> </table>	Estimate methane generation in tons/year (metric):	Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>							
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<p>i. Will the proposed action result in the release of air pollutants from open-air operations or processes such as quarry or landfill operations?</p> <p>If Yes, describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):</p> <table border="1" style="width: 100%; height: 20px;"> <tr> <td></td> </tr> </table>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
<p>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?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>When is the peak traffic expected? (check all that apply)</td> </tr> <tr> <td>Morning <input type="checkbox"/>; Evening <input type="checkbox"/>; Weekend <input type="checkbox"/>; Randomly <input type="checkbox"/> between the hours of _____ to _____</td> </tr> <tr> <td>For commercial activities only, projected number of semi-trailer truck trips/day:</td> </tr> <tr> <td>Parking spaces: Existing: _____ Proposed: _____ Net Increase/Decrease: _____</td> </tr> <tr> <td>Does the proposed action include any shared use parking? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:</td> </tr> <tr> <td>Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	When is the peak traffic expected? (check all that apply)	Morning <input type="checkbox"/> ; Evening <input type="checkbox"/> ; Weekend <input type="checkbox"/> ; Randomly <input type="checkbox"/> between the hours of _____ to _____	For commercial activities only, projected number of semi-trailer truck trips/day:	Parking spaces: Existing: _____ Proposed: _____ Net Increase/Decrease: _____	Does the proposed action include any shared use parking? Yes <input type="checkbox"/> No <input type="checkbox"/>	If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:	Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? Yes <input type="checkbox"/> No <input type="checkbox"/>	Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes <input type="checkbox"/> No <input type="checkbox"/>	Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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<p>l. Hours of operation (Answer all items which apply)</p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">During Construction</th> <th style="width: 50%;">During Operations</th> </tr> </thead> <tbody> <tr> <td>Monday-Friday: 7am to 4pm</td> <td>Monday-Friday:</td> </tr> <tr> <td>Saturday:</td> <td>Saturday:</td> </tr> <tr> <td>Sunday:</td> <td>Sunday:</td> </tr> <tr> <td>Holidays:</td> <td>Holidays:</td> </tr> </tbody> </table>	During Construction	During Operations	Monday-Friday: 7am to 4pm	Monday-Friday:	Saturday:	Saturday:	Sunday:	Sunday:	Holidays:	Holidays:	N/A <input type="checkbox"/>
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Sunday:	Sunday:										
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<p>m. Does the proposed action produce noise that will exceed existing ambient noise levels during construction, operation or both?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Provide details including sources, time of day and duration:</td> </tr> <tr> <td>Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:</td> </tr> </table>	Provide details including sources, time of day and duration:	Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
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<p>o. Does the proposed action have the potential to produce odors for more than one hour per day?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Describe possible sources, potential frequency and duration of odor emissions and proximity to nearest occupied structures:</td> </tr> </table>	Describe possible sources, potential frequency and duration of odor emissions and proximity to nearest occupied structures:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>									
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<p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Describe proposed treatment(s):</td> </tr> <tr> <td>Will the proposed action use Integrated Pest Management Practices? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	Describe proposed treatment(s):	Will the proposed action use Integrated Pest Management Practices? Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
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<p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Describe any solid waste(s) to be generated during construction or operation of the facility:</td> </tr> <tr> <td style="width: 20%;">Construction:</td> <td>tons per _____ (unit of time)</td> </tr> <tr> <td>Operation:</td> <td>tons per _____ (unit of time)</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</td> </tr> <tr> <td style="width: 20%;">Construction:</td> <td>_____</td> </tr> <tr> <td>Operation:</td> <td>_____</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Proposed disposal methods/facilities for solid waste generated on-site:</td> </tr> <tr> <td style="width: 20%;">Construction:</td> <td>_____</td> </tr> <tr> <td>Operation:</td> <td>_____</td> </tr> </table>	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)	Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:		Construction:	_____	Operation:	_____	Proposed disposal methods/facilities for solid waste generated on-site:		Construction:	_____	Operation:	_____	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
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<p>t. Will proposed action at the site involve the commercial generation, treatment, storage or disposal of hazardous waste?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility:</td> </tr> <tr> <td colspan="2">Generally describe processes or activities involving hazardous wastes or constituents:</td> </tr> <tr> <td colspan="2">Specify amount to be handled or generated:</td> </tr> <tr> <td style="width: 20%;"></td> <td>tons/month</td> </tr> <tr> <td colspan="2">Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents:</td> </tr> <tr> <td colspan="2">Will any hazardous wastes be disposed at an existing offsite hazardous waste facility?</td> </tr> <tr> <td colspan="2">Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td colspan="2">If Yes:</td> </tr> <tr> <td colspan="2">Provide name and location of facility:</td> </tr> <tr> <td colspan="2">_____</td> </tr> <tr> <td colspan="2">If No:</td> </tr> <tr> <td colspan="2">Describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:</td> </tr> <tr> <td colspan="2">_____</td> </tr> </table>	Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility:		Generally describe processes or activities involving hazardous wastes or constituents:		Specify amount to be handled or generated:			tons/month	Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents:		Will any hazardous wastes be disposed at an existing offsite hazardous waste facility?		Yes <input type="checkbox"/> No <input type="checkbox"/>		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:		_____		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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<p>u. Will proposed action adhere to Leadership in Energy and Environmental Design (LEED) or any other green building principals?</p> <p>If Yes: <input type="text" value="Describe proposed green building methods and attempted level of certification, if any:"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>v. Does the project sponsor propose the use of energy benchmarking to monitor and adjust project energy needs?</p> <p>If Yes, explain: <input type="text"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>w. Will the proposed action use native plants for all landscaping needs?</p> <p>Identify species to be used and method of irrigation: <input type="text" value="To be determined"/></p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>x. Does the proposed action promote local tourism?</p> <p>If Yes, explain: <input type="text"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

E. Site and Setting of Proposed Action

<p>E.1. Land Uses on and Surrounding the Project Site</p>																																											
<p>a. Existing land uses (Check all uses the occur on, adjoining and near the project site): (include map)</p> <p>Urban <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential <input checked="" type="checkbox"/> Rural <input type="checkbox"/> Forest <input type="checkbox"/> Agriculture <input type="checkbox"/> Aquatic <input type="checkbox"/> Other <input checked="" type="checkbox"/> Specify: Utility Right-of-Way</p> <p>If mix of uses, generally describe:</p>																																											
<p>b. Land uses and cover types on the project site:</p>																																											
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<p>c. Is the project site presently used by members of the community for public recreation?</p> <p>If Yes, explain:</p> <div style="border: 1px solid black; height: 30px; width: 100%;"></div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers or group homes) within 1,500 feet of the project site?</p> <p>If Yes, identify facilities:</p> <div style="border: 1px solid black; padding: 5px;"> <p>Mount Sinai Schools, Rose Caracappa Recreation Center, Robert L. Reid Recreational Center, Shoreham-Wading River Schools and the North Shore Public Library</p> </div>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>e. Does the project site contain an existing dam?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 5px;"> <p>Dimensions of the dam and impoundment:</p> <ul style="list-style-type: none"> - Dam height: feet - Dam length: feet - Surface area: acres - Volume impounded: gallons or acre-feet </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>Dam's existing hazard classification:</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>Provide date and summarize results of last inspection:</p> </div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>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?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 5px;"> <p>Has the facility been formally closed? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If Yes, cite sources/documentation:</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>Describe the location of the project site relative to the boundaries of the solid waste management facility:</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>Describe any development constraints due to the prior solid waste activities:</p> </div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>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?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 5px;"> <p>Describe waste(s) handled and waste management activities, including approximate time when activities occurred:</p> </div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

h. Has there been a reported contamination spill at the proposed project site or have any remedial actions been conducted at or adjacent to the proposed site?

If Yes:

Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? (Check all that apply)

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

Yes – Environmental Site Remediation database Provide DEC ID number(s): 152031

Neither database

If site has been subject to RCRA corrective activities, describe control measures:
Remedial Action was completed in 2008 on adjacent parcel, see report in Attachment B.

Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes No

If Yes:

DEC ID number(s):

Describe current status of site(s):

Yes No

E.1.h. (cont.) – only answer following if checked “Yes” above

Is the project site subject to an institutional control limiting property uses?

If Yes:

DEC site ID number(s):

Describe the type of institutional control (e.g., deed restriction or easement):

Describe any use limitations:

Describe any engineering controls:

Will the project affect the institutional or engineering controls in place? Yes No

Explain:

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site:
Approximately 1,000 feet

b. Are there bedrock outcroppings on the project site?

If Yes:

What proportion of the site is comprised of bedrock outcroppings?
%

Yes No

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

1. Riverhead Sandy Loam	25 % of site
2. Haven Loam	21 % of site
3. Riverhead and Haven	16 % of site
4. Plymouth Loamy Sand	14 % of site

<p>d. What is the average depth to the water table on the project site? Approximately 100 feet</p>													
<p>e. Drainage status of project site soils:</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; width: 80%;"> <tr> <td style="padding: 2px;">1. <input type="checkbox"/> Well Drained</td> <td style="padding: 2px; text-align: right;">% of site</td> </tr> <tr> <td style="padding: 2px;">2. <input checked="" type="checkbox"/> Moderately Well Drained</td> <td style="padding: 2px; text-align: right;">100 % of site</td> </tr> <tr> <td style="padding: 2px;">3. <input type="checkbox"/> Poorly Drained</td> <td style="padding: 2px; text-align: right;">% of site</td> </tr> </table>		1. <input type="checkbox"/> Well Drained	% of site	2. <input checked="" type="checkbox"/> Moderately Well Drained	100 % of site	3. <input type="checkbox"/> Poorly Drained	% of site						
1. <input type="checkbox"/> Well Drained	% of site												
2. <input checked="" type="checkbox"/> Moderately Well Drained	100 % of site												
3. <input type="checkbox"/> Poorly Drained	% of site												
<p>f. Approximate proportion of proposed action site with slopes: (include topographic map)</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; width: 80%;"> <tr> <td style="padding: 2px;">1. <input checked="" type="checkbox"/> 0-10%</td> <td style="padding: 2px; text-align: right;">99 % of site</td> </tr> <tr> <td style="padding: 2px;">2. <input checked="" type="checkbox"/> 11-15%</td> <td style="padding: 2px; text-align: right;">01 % of site</td> </tr> <tr> <td style="padding: 2px;">3. <input type="checkbox"/> 16% or greater</td> <td style="padding: 2px; text-align: right;">% of site</td> </tr> </table>		1. <input checked="" type="checkbox"/> 0-10%	99 % of site	2. <input checked="" type="checkbox"/> 11-15%	01 % of site	3. <input type="checkbox"/> 16% or greater	% of site						
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2. <input checked="" type="checkbox"/> 11-15%	01 % of site												
3. <input type="checkbox"/> 16% or greater	% of site												
<p>g. Are there any unique geologic features on the project site?</p> <p>If Yes, describe:</p> <div style="border: 1px solid black; height: 30px; width: 100%;"></div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>												
<p>h. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>												
<p>i. Do any wetlands or other waterbodies adjoin the project site?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>												
<p>If Yes to either E.2.h or E.2.i, continue. If No, skip to E.2.m</p>													
<p>j. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? (include map)</p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>												
<p>k. For each identified wetland and waterbody on the project site, provide the following information:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 2px;">Streams:</td> <td style="width: 35%; padding: 2px;">Name:</td> <td style="width: 35%; padding: 2px;">Classification:</td> </tr> <tr> <td style="padding: 2px;">Lakes or Ponds:</td> <td style="padding: 2px;">Name:</td> <td style="padding: 2px;">Classification:</td> </tr> <tr> <td style="padding: 2px;">Wetlands:</td> <td style="padding: 2px;">Name:</td> <td style="padding: 2px;">Approx. Size:</td> </tr> <tr> <td style="padding: 2px;">Wetland No. (if regulated by DEC):</td> <td colspan="2" style="padding: 2px;"></td> </tr> </table>		Streams:	Name:	Classification:	Lakes or Ponds:	Name:	Classification:	Wetlands:	Name:	Approx. Size:	Wetland No. (if regulated by DEC):		
Streams:	Name:	Classification:											
Lakes or Ponds:	Name:	Classification:											
Wetlands:	Name:	Approx. Size:											
Wetland No. (if regulated by DEC):													
<p>l. Are any of the above waterbodies listed in the most recent compilation of NYS water quality-impaired waterbodies?</p> <p>If Yes, name of impaired water body/bodies and basis for listing as impaired:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/></p>												
<p>m. Is the project site in a designated floodway?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>												
<p>n. Is the project site in the 100 year floodplain?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>												
<p>o. Is the project site in the 500 year floodplain?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>												
<p>p. Is the project site located over or immediately adjoining a primary, principal or sole source aquifer?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px;"> <p>Name of aquifer: Nassau-Suffolk Sole Source Acquirer</p> <p>Source of information: NYSDEC</p> </div>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>												

<p>q. Identify the predominant wildlife species that occupy or use the project site:</p> <table border="1"> <tr> <td>typical backyard species</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>		typical backyard species					
typical backyard species							
<p>r. Does the project site contain a designated significant natural community?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Describe the habitat/community (composition, function and basis for designation): Coastal Oak-Heath Forest</td> </tr> <tr> <td>Source(s) of description or evaluation: NYSDEC</td> </tr> <tr> <td>Extent of community/habitat: - Currently: Many acres - Following completion of project as proposed: Same acres - Gain or loss (indicate + or -): 0 acres</td> </tr> </table>	Describe the habitat/community (composition, function and basis for designation): Coastal Oak-Heath Forest	Source(s) of description or evaluation: NYSDEC	Extent of community/habitat: - Currently: Many acres - Following completion of project as proposed: Same acres - Gain or loss (indicate + or -): 0 acres	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>			
Describe the habitat/community (composition, function and basis for designation): Coastal Oak-Heath Forest							
Source(s) of description or evaluation: NYSDEC							
Extent of community/habitat: - Currently: Many acres - Following completion of project as proposed: Same acres - Gain or loss (indicate + or -): 0 acres							
<p>s. 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?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Species and listing (endangered or threatened): Northern Long-eared Bat (Threatened)</td> </tr> <tr> <td>Nature of use of site by the species (e.g., resident, seasonal, transient): Transient</td> </tr> </table>	Species and listing (endangered or threatened): Northern Long-eared Bat (Threatened)	Nature of use of site by the species (e.g., resident, seasonal, transient): Transient	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>				
Species and listing (endangered or threatened): Northern Long-eared Bat (Threatened)							
Nature of use of site by the species (e.g., resident, seasonal, transient): Transient							
<p>t. Does project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Species and listing: Plants: Stiff Tick-trefoil, Little-leaf Tick-trefoil, Velvety Bush-clover, Early Frostweed</td> </tr> <tr> <td>Nature of use of site by the species (e.g., resident, seasonal, transient): resident</td> </tr> </table>	Species and listing: Plants: Stiff Tick-trefoil, Little-leaf Tick-trefoil, Velvety Bush-clover, Early Frostweed	Nature of use of site by the species (e.g., resident, seasonal, transient): resident	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>				
Species and listing: Plants: Stiff Tick-trefoil, Little-leaf Tick-trefoil, Velvety Bush-clover, Early Frostweed							
Nature of use of site by the species (e.g., resident, seasonal, transient): resident							
<p>u. Is the project site or adjoining area currently used for hunting, trapping, fishing or shellfishing?</p> <p>If Yes, give a brief description of how the proposed action may affect that use:</p> <table border="1"> <tr> <td></td> </tr> </table>		<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>					
<p>E.3. Designated Public Resources On or Near Project Site</p>							
<p>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?</p> <p>If Yes, provide county plus district name/number:</p> <table border="1"> <tr> <td></td> </tr> </table>		<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>					
<p>b. Are agricultural lands consisting of highly productive soils present?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Acreage(s) on project site:</td> </tr> <tr> <td>Source(s) of soil rating(s):</td> </tr> </table>	Acreage(s) on project site:	Source(s) of soil rating(s):	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>				
Acreage(s) on project site:							
Source(s) of soil rating(s):							

<p>c. Does the project site contain all or part of, or is it substantially contiguous to a registered National Natural Landmark?</p> <p>If Yes:</p> <table border="1" data-bbox="142 231 1312 369"> <tr> <td data-bbox="142 231 1312 264">Nature of the natural landmark:</td> </tr> <tr> <td data-bbox="142 264 1312 298"><input type="checkbox"/> Biological Community; <input type="checkbox"/> Geological Feature</td> </tr> <tr> <td data-bbox="142 298 1312 369">Provide brief description of landmark, including values behind designation and approximate size/extent:</td> </tr> </table>	Nature of the natural landmark:	<input type="checkbox"/> Biological Community; <input type="checkbox"/> Geological Feature	Provide brief description of landmark, including values behind designation and approximate size/extent:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
Nature of the natural landmark:					
<input type="checkbox"/> Biological Community; <input type="checkbox"/> Geological Feature					
Provide brief description of landmark, including values behind designation and approximate size/extent:					
<p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area, including Special Groundwater Protection Areas?</p> <p>If Yes:</p> <table border="1" data-bbox="142 541 1312 680"> <tr> <td data-bbox="142 541 1312 575">CEA name: Central Suffolk Pine Barrens, SGPA</td> </tr> <tr> <td data-bbox="142 575 1312 609">Basis for designation: Benefit to human health & protect drinking water. Protect groundwater.</td> </tr> <tr> <td data-bbox="142 609 1312 680">Designating agency and date: Agency: Suffolk County, 2-10-88; Long Island Regional Planning, 3-19-93</td> </tr> </table>	CEA name: Central Suffolk Pine Barrens, SGPA	Basis for designation: Benefit to human health & protect drinking water. Protect groundwater.	Designating agency and date: Agency: Suffolk County, 2-10-88; Long Island Regional Planning, 3-19-93	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>	
CEA name: Central Suffolk Pine Barrens, SGPA					
Basis for designation: Benefit to human health & protect drinking water. Protect groundwater.					
Designating agency and date: Agency: Suffolk County, 2-10-88; Long Island Regional Planning, 3-19-93					
<p>e. Does the project site contain, or is it substantially contiguous to, a building, archeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places?</p> <p>If Yes:</p> <table border="1" data-bbox="142 884 1312 1022"> <tr> <td data-bbox="142 884 1312 917">Nature of historic/archaeological resource:</td> </tr> <tr> <td data-bbox="142 917 1312 951"><input type="checkbox"/> Archaeological Site; <input type="checkbox"/> Historic Building or district</td> </tr> <tr> <td data-bbox="142 951 1312 984">Name:</td> </tr> <tr> <td data-bbox="142 984 1312 1022">Brief description of attributes on which listing is based:</td> </tr> </table>	Nature of historic/archaeological resource:	<input type="checkbox"/> Archaeological Site; <input type="checkbox"/> Historic Building or district	Name:	Brief description of attributes on which listing is based:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
Nature of historic/archaeological resource:					
<input type="checkbox"/> Archaeological Site; <input type="checkbox"/> Historic Building or district					
Name:					
Brief description of attributes on which listing is based:					
<p>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?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>				
<p>g. Have additional archaeological or historic site(s) or resources been identified on the project site?</p> <p>If Yes:</p> <table border="1" data-bbox="142 1262 1312 1333"> <tr> <td data-bbox="142 1262 1312 1295">Describe possible resource(s):</td> </tr> <tr> <td data-bbox="142 1295 1312 1333">Basis for identification:</td> </tr> </table>	Describe possible resource(s):	Basis for identification:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>		
Describe possible resource(s):					
Basis for identification:					
<p>h. Would the project site be visible from any officially designated and publicly assessable federal, state or local scenic or aesthetic resource?</p> <p>If Yes:</p> <table border="1" data-bbox="142 1503 1312 1642"> <tr> <td data-bbox="142 1503 1312 1537">Identify resource:</td> </tr> <tr> <td data-bbox="142 1537 1312 1608">Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):</td> </tr> <tr> <td data-bbox="142 1608 1312 1642">Distance between project and resource:</td> </tr> </table>	Identify resource:	Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):	Distance between project and resource:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
Identify resource:					
Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):					
Distance between project and resource:					

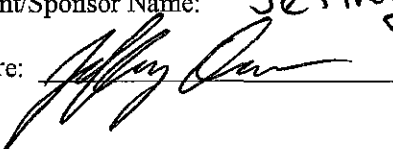
<p>i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR Part 666?</p> <p>If Yes:</p> <p>Identify the name of the river and its designation:</p> <p>Is the activity consistent with development restrictions contained in 6 NYCRR Part 666? Yes <input type="checkbox"/> No <input type="checkbox"/></p>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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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: Jeffrey Dawson, P.E. Date: 1/27/2017
 Signature:  Title: Associate Civil Engineer

SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
6 NYCRR Part 617
State Environmental Quality Review

Part 2 – Identification of Potential Project Impacts

Instructions: Part 2 is to be completed by the lead agency. It 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.

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 section.
- _____ 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			
The proposed action may involve construction on, or physical alteration of the land surface of the proposed site. (See Part 1.D.1)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<i>If “YES”, answer questions a-h. If “NO”, move on to Section 2.</i>			
	Relevant Part 1 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.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____	The proposed actin may involve construction on slopes of 15% or greater.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____	The proposed actin may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____	The proposed action may involve the excavation and removal of more than 1,000 tons of natural	<input checked="" type="checkbox"/>	<input type="checkbox"/>

material.			
e. _____ The proposed action may involve construction that continues for more than one year or in multiple phases.	D.1.g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D.2.e D.2.q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action is, or may be, located within a Coastal Erosion hazard area.	B.ix	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:	 	<input type="checkbox"/>	<input type="checkbox"/>

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)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<i>If "YES", answer questions a-c. If "NO", move on to Section 3.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ Identify the specific land form(s):	E.2.g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature:	E.3.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ Other impacts:	 	<input type="checkbox"/>	<input type="checkbox"/>

3. _____ Impact 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)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<i>If "YES", answer questions a-l. If "NO", move on to Section 4.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may create a new water body	D.1.j D.2.b	<input type="checkbox"/>	<input type="checkbox"/>
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.	D.2.b	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D.2.a	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.2.h E.2.i	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by	D.2.a D.2.h	<input type="checkbox"/>	<input type="checkbox"/>

disturbing bottom sediments.			
f. _____ The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D.2.c	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
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.	D.2.e	<input type="checkbox"/>	<input type="checkbox"/>
i. _____ The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E.2.h – E.2.l	<input type="checkbox"/>	<input type="checkbox"/>
j. _____ The proposed action may involve the application of pesticides or herbicides in or around any water body.	D.2.q E.2.h – E.2.l	<input type="checkbox"/>	<input type="checkbox"/>
k. _____ The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D.1.a D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
l. _____ Other impacts:	 	<input type="checkbox"/>	<input type="checkbox"/>

4. _____ Impact on Groundwater The proposed action may result in new or additional use of groundwater, or may have the potential to introduce contaminants to groundwater or an aquifer. (See Part 1.D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) <i>If “YES”, answer questions a-h. If “NO”, move on to Section 5.</i>			
		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	Relevant Part 1 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.	D.2.c	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source:	D.2.c	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may allow or result in residential uses in areas without water and sewer services.	D.1.a D.2.c – D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may include or require wastewater discharged to groundwater.	D.2.d E.2.p	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D.2.c E.1.f – E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D.2.p E.2.p	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	D.2.q E.2.h – E.2.l E.2.p D.2.c	<input type="checkbox"/>	<input type="checkbox"/>

h. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>
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5. _____ Impact on Flooding
 The proposed action may result in development on lands subject to flooding. (See Part 1.E.2) YES NO
If "YES", answer questions a-g. If "NO", move on to Section 6.

	Relevant Part 1 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.	E.2.m	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in development within a 100 year floodplain.	E.2.n	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may result in development within a 500 year floodplain.	E.2.o	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in, or require, modification of existing drainage patterns.	D.2.b D.2.e	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may change flood water flows that contribute to flooding.	D.2.b E.2.m – E.2.o	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ If there is a dam located on the site of the proposed action, the dam has failed to meet one or more safety criteria on its most recent inspection.	E.1.e	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

6. _____ Impact 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) YES NO
If "YES", answer questions a-f. If "NO", move on to Section 7.

	Relevant Part 1 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 (CO2)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
ii. _____ More than 3.5 tons/year of nitrous oxide (N2O)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
iii. _____ More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
iv. _____ More than .045 tons/year of sulfur hexafluoride (SF6)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
v. _____ More than 1000 tons/year of carbon dioxide equivalent of hydrochlorofluorocarbons (HCFCs) emissions	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
vi. 43 tons/year or more of methane	D.2.h	<input type="checkbox"/>	<input type="checkbox"/>
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	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>

air pollutants.			
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.	D.2.f D.3.g	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may reach 50% of any two or more of the thresholds in “a” through “c”, above.	D.1.i D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D.2.s	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

7. _____ Impact on Plants and Animals The proposed action may result in a loss of flora or fauna. YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> (See Part 1.E.2.q – E.2.u) <i>If “YES”, answer questions a-j. If “NO”, move on to Section 8.</i>			
	Relevant Part 1 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.	E.2.s	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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.	E.2.s	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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.	E.2.t	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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.	E.2.t	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E.3.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source:	E.2.r	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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.	E.2.q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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:	E.1.b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. _____ Proposed action (commercial, industrial or recreational projects, only) involves use of	D.2.q	<input checked="" type="checkbox"/>	<input type="checkbox"/>

herbicides or pesticides.			
j. _____ Other impacts:	 	<input type="checkbox"/>	<input type="checkbox"/>

8. _____ Impact on Agricultural Resources The proposed action may impact agricultural resources. YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See Part 1.E.3.a & E.3.b) <i>If "YES", answer questions a-h. If "NO", move on to Section 9.</i>			
	Relevant Part 1 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.	E.2.c E.3.b	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc.).	E.1.a E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E.3.b	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.1.b E.3.a	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may disrupt or prevent installation of an agricultural land management system.	E.1.a E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C.2.c, C.3 D.2.c, D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C.2.c	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:	 	<input type="checkbox"/>	<input type="checkbox"/>

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. (See Part 1.E.1.a, E.1.b, E.3.h) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <i>If "YES", answer questions a-g and complete Appendix B - Visual EAF Addendum. If "NO", move on to Section 10.</i>			
	Relevant Part 1 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.	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may	C.2.b	<input type="checkbox"/>	<input type="checkbox"/>

result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E.3.h		
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E.3.h E.3.h	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
d. _____ The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E.3.h E.2.u E.1.c	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
e. _____ The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ There are similar projects visible within the following distance of the proposed project: 0 – ½ mile ½ – 3 mile 3 – 5 mile 5+ mile	D.1.a D.1.h D.1.i E.1.a	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
g. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

10. _____ Impact on Historic and Archeological Resources			
The proposed action may occur in or adjacent to an historic or archaeological resource. (See Part 1.E.3.e, E.3.f, E.3.g)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<i>If "YES", answer questions a-e. If "NO", move on to Section 11.</i>			
	Relevant Part 1 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 or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places.	E.3.e	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.3.f	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source:	E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>
e. _____ If any of the above (a-d) are answered "Yes", 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.	E.3.e – E.3.g	<input type="checkbox"/>	<input type="checkbox"/>

may exceed capacity of existing road network.			
b. _____ The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D.2.j	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action will degrade existing transit access.	D.2.j	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action will degrade existing pedestrian or bicycle accommodations.	D.2.j	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may alter the present pattern of movement of people or goods.	D.2.j	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

14. _____ Impact on Energy			
The proposed action may cause an increase in the use of any form of energy (See Part 1.D.2.k)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<i>If "YES", answer questions a-e. If "NO", move on to Section 15.</i>			
	Relevant Part 1 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.	D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
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.	D.1.h D.1.i D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D.1.i	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

15. _____ Impact on Noise, Odor and Light			
The proposed action may result in an increase in noise, odors or outdoor lighting (See Part 1.D.2.m, D.2.n, D.2.o)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<i>If "YES", answer questions a-f. If "NO", move on to Section 16.</i>			
	Relevant Part 1 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.	D.2.m	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D.2.m E.1.d	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may result in routine odors for more than one hour per day.	D.2.o	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in light shining onto adjoining properties.	D.2.n	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in lighting that creates sky-glow brighter than existing-area conditions.	D.2.n E.1.a	<input type="checkbox"/>	<input type="checkbox"/>

f. _____ Other impacts:	 	<input type="checkbox"/>	<input type="checkbox"/>
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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, E.1.f, E.1.g, E.1.h) YES NO
If "YES", answer questions a-m. If "NO", move on to Section 17.

	Relevant Part 1 Question(s)	No, or small impact may occur	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.	E.1.d	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The site of the proposed action is currently undergoing remediation.	E.1.g, E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ There is a completed emergency spill remediation or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E.1.g E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The site of the action is subject to an institutional control limiting the use of the property (e.g. easement, deed restriction)	E.1.g E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.1.g E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
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.	D.2.t	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action involves construction or modification of a solid waste management facility.	D.2.q E.1.f	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ The proposed action may result in the unearthing of solid or hazardous waste.	D.2.q E.1.f	<input type="checkbox"/>	<input type="checkbox"/>
i. _____ The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D.2.r D.2.s	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.1.f – E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
k. _____ The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E.1.f E.1.g	<input type="checkbox"/>	<input type="checkbox"/>
l. The proposed action may result in the release of contaminated leachate from the project site.	D.2.r, D.2.s E.1.f	<input type="checkbox"/>	<input type="checkbox"/>
m. _____ Other impacts:	 	<input type="checkbox"/>	<input type="checkbox"/>

17. _____ Consistency with Community Plans
 The proposed action is not consistent with adopted land use plans. (See Part 1.C.1, C.2, C.3) YES NO
If "YES", answer questions a-h. If "NO", move on to Section 18.

	Relevant Part 1 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).	C.2, C.3, D.1.a, E.1.a, E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
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%.	C.2	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action is inconsistent with local land use plans or zoning regulations.	C.2, C.3	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action is inconsistent with any County plans, or other regional land use plans.	C.2	<input type="checkbox"/>	<input type="checkbox"/>
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.	C.3 D.1.e, D.1.f, D.1.h, E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C.4, D.2.c, D.2.d, D.2.j	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C.2.a	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

18. _____ Consistency with Community Character The proposed action is inconsistent with the existing community character YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See Part 1.C.2, C.3, D.2, E.3) <i>If "YES", answer questions a-g. If "NO", move on to Part 3.</i>			
	Relevant Part 1 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.	E.3.e, E.3.f, E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C.4	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C.2, C.3, D.1.h, D.1.i, E.1.a	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C.2, E.3	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action is inconsistent with the predominant architectural scale and character.	C.2, C.3	<input type="checkbox"/>	<input type="checkbox"/>
f. Proposed action is inconsistent with the character of the existing natural landscape.	C.2, C.3, E.1.a, E.1.b, E.2.g – E.2.l	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
6 NYCRR Part 617
State Environmental Quality Review

**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.

**Determination of Significance
Type 1 and Unlisted Actions**

SEQR Status: Type I 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 Suffolk County Department of Public Works 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: Port Jefferson - Wading River Rails to Trails Pedestrian and Bicycle Path

Name of Lead Agency: Suffolk County Department of Public Works

Name of Responsible Officer in Lead Agency: William Hillman, P.E.

Title of Responsible Officer in Lead Agency: Chief Engineer

Signature of Responsible Officer in Lead Agency: _____ Date: _____

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

For Further Information:

Contact Person: Jeff Dawson, P.E.
Address: 335 Yaphank Avenue, Yaphank, NY 11980
Telephone Number: (631)852-5325
Email: jeffrey.dawson@suffolkcountyny.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 (Town/City/Village)
Other involved agencies (if any)

Applicant (if any)

Environmental Notice Bulletin: <http://www.dec.ny.gov/enb/enb.html>

**SUFFOLK COUNTY
ENVIRONMENTAL ASSESSMENT FORM**

**Appendix A
Suffolk County Historic Trust**

**Application for Determination of Appropriateness for Alteration to
Suffolk County Historic Trust Landmark or Site**

1. APPLICANT

Agency: N/A
Contact Person:
Address:
Telephone:

2. PROPERTY

Structure Name:
Location:
Historic Trust Status: Designated; Eligible
Use Category:
Current Use:
Proposed Use:
Is the structure listed on or eligible for the National Register of Historic Places? Yes; No

3. PROPOSED WORK

Scope of Work:
Reason for Work:
Architect/Engineer:
Contractor:
Construction Schedule:

4. FUNDING

Estimated Cost of Project:
Source(s) of Funding:

5. PROPERTY HISTORY

Date of Original Construction:
Original Architect/Builder:
History of Use:
History of Alterations:

6. SUBMISSIONS (check all that apply)

<input type="checkbox"/> Map	<input type="checkbox"/> Specifications	<input type="checkbox"/> Samples
<input type="checkbox"/> Drawings	<input type="checkbox"/> Environmental Assessment Form	<input type="checkbox"/> Other:
<input type="checkbox"/> HP-1 Form	<input type="checkbox"/> Photographs	

7. RELATED INFORMATION AND COMMENT:

The Suffolk County Historic Trust is hereby requested to review the scope of work proposed for the above mentioned landmark structure, owned by the County of Suffolk, New York, to determine the appropriateness of design and/or use as regulated by the Suffolk County Charter. Design review guidelines have been made available for reference and it is understood that submission or approval of this application does not relieve applicant's responsibility for securing any and all other permits and approvals as required by law.

**SUFFOLK COUNTY
ENVIRONMENTAL ASSESSMENT FORM**

**Appendix B
Visual EAF Addendum**

This form may be used to provide additional information relating to Question 9 of Part 1 of the Full Environmental Assessment Form

VISIBILITY

1. Would the project be visible from:	Distance Between Project and Resource (in miles)				
	0 - 1/4	1/4 - 1/2	1/2 - 3	3-5	5+
a. A parcel of land which is dedicated to and available to the public for the use, enjoyment and appreciation of natural or man-made scenic qualities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. An overlook or parcel of land dedicated to public observation, enjoyment and appreciation of natural or man-made scenic qualities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. A site or structure listed on the National or State Registers of Historic Places	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. State Parks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. The State Forest Preserve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. National Wildlife Refuges and State Game Refuges	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. National Natural Landmarks and other outstanding natural features	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. National Park Service lands	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Rivers designated as National or State Wild, Scenic or Recreational	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Any transportation corridor of high exposure, such as part of the Interstate System or Amtrak	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. A governmentally established or designated interstate or inter-county foot trail, or one formally proposed for establishment or designation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. A site, area, lake, reservoir or highway designated as scenic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. Municipal park or designated open space	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. County road	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. State road	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p. Local road	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Is the visibility of the project seasonal? (i.e., screened by summer foliage but visible during other seasons)
 Yes No

3. Are any of the resources checked in question 1 used by the public during the time of year during which the project will be visible?
 Yes No

DESCRIPTION OF EXISTING VISUAL ENVIRONMENT

4. From each item checked in question 1, check those which generally describe the surrounding environment.

	Within	
	¼ mile*	1 mile*
Essentially undeveloped	<input type="checkbox"/>	<input type="checkbox"/>
Forested	<input type="checkbox"/>	<input type="checkbox"/>
Agricultural	<input type="checkbox"/>	<input type="checkbox"/>
Suburban Residential	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	<input type="checkbox"/>
Commercial	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Urban	<input type="checkbox"/>	<input type="checkbox"/>
River, Lake, Pond	<input type="checkbox"/>	<input type="checkbox"/>
Cliffs, Overlooks	<input type="checkbox"/>	<input type="checkbox"/>
Designated Open Space	<input type="checkbox"/>	<input type="checkbox"/>
Flat	<input type="checkbox"/>	<input type="checkbox"/>
Hilly	<input type="checkbox"/>	<input type="checkbox"/>
Mountainous	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>

NOTE: Add attachments as needed.

5. Are there visually similar projects within*:

½ mile: Yes No 1 mile: Yes No 2 miles: Yes No 3 miles: Yes No

* Distance from project site is provided for assistance. Substitute other distances as appropriate.

EXPOSURE

6. The annual number of viewers likely to observe the proposed project is: 300

NOTE: When user data is unavailable or unknown, use best estimate.

CONTEXT

7. The situation or activity in which the viewers are engaged while viewing the proposed action is:

Activity	Frequency			
	Daily	Weekly	Holidays/ Weekends	Seasonally
Travel to and from work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Involved in recreational activities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Routine travel by residents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At a residence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At worksite	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

ATTACHMENT A
Location Map

ATTACHMENT B
New York State Department of Conservation
Environmental Site Remediation Database Search
Details



**Department of
Environmental
Conservation**

Environmental Site Remediation Database Search Details

Site Record

Administrative Information

Site Name: Peerless Photo Products

Site Code: 152031

Program: State Superfund Program

Classification: 04

EPA ID Number:

Location

DEC Region: 1

Address: 4 Randall Road

City:Shoreham Zip: 11786

County:Suffolk

Latitude: 40.94869551

Longitude: -72.89814374

Site Type: DUMP STRUCTURE LAGOON

Estimated Size: 16.54 Acres

Institutional And Engineering Controls

Control Type:

[Environmental Easement](#)

Site Owner(s) and Operator(s)

Current Owner Name: AGFA CORPORATION

Current Owner(s) Address: 100 CHALLENGER ROAD
RIDGEFIELD PARK,NJ, 07660

Current Owner Name: FRIENDS OF SCIENCE EAST, INC.

Current Owner(s) Address: P.O. BOX 552
SHOREHAM,NY, 11786

Owner(s) during disposal: AGFA

Owner(s) during disposal: AGFA CORPORATION

Owner(s) during disposal: AGFA CORPORATION

Current On-Site Operator: AGFA CORPORATION

Stated Operator(s) Address: 100 CHALLENGER ROAD
RIDGEFIELD PARK,NJ 07660

Hazardous Waste Disposal Period

From: 1939 **To:** unknown

Site Description

Peerless Photo Products site is located on approximately 16.54 acres in the Village of Shoreham, Suffolk County. The site is bounded to the south by NYS Route 25 A, to the west by Randall Road, to the north by a Long Island Power Authority (LIPA) Right-of-Way (containing high-voltage lines) and residential properties, and to the east by Tesla Street and residential properties. The site is located in a predominantly residential area. The site consists of four large buildings and a few small structures surrounded by former parking areas and roadways. Approximately 70% of the property is covered by buildings, asphalt paving or concrete slabs. The site was originally developed in 1903 when Nikola Tesla constructed a building that served as his residence and a laboratory. He also constructed a radio tower on the southeastern corner of the site which was demolished in 1917-1918. The octagonal base of the tower contained a shaft/pit extending to the ground water which may have been used until 1973 for the disposal of unknown materials. The area inside the foundation walls is now level. The Tesla Tower Base is approximately 90 feet in diameter. Peerless Photo Products Inc. began operations at the site in 1939 and manufacturing activities discontinued in 1987. Primary operations at this facility included production and coating of photographic emulsions. From 1939 until 1969, Peerless Photo Products disposed of untreated process water into an 800 feet long by 25 feet wide recharge basins, referred to as the North Recharge Basins located along the north side of the property. The process water contained heavy metals such as silver, cadmium, lead and other compounds. In 1979, an industrial wastewater treatment plant was constructed and a State Pollution Discharge Elimination System (SPDES) permit was issued to discharge treated effluent into the North Recharge Basins. An Interim Remedial Measure (IRM) to remove contaminated soils/sediments was completed in 1997. A Remedial Investigation /Feasibility Study(RI/FS) was completed in 2004 and a Record of Decision (ROD) was issued in June 2004. The Remedial Design was completed in 2005. The selected remedy was implemented and Remedial Action was completed in 2008. A Site Management Plan (SMP) has been approved. Institutional Controls in the form of an environmental easement has been imposed on the property in 2009. The groundwater monitoring continues in accordance with the SMP. The site is currently vacant. The site has been purchased by the Tesla Society in 2013 and is being developed as a historical and educational site dedicated to Nikola Tesla. The Department reviews annual Periodic Review Report(PRR)and IC/EC certification. The 2015-2016 annual PRR report and IC/EC certification was accepted by the Department.

Contaminants of Concern (Including Materials Disposed)

Contaminant Name/Type

chromium

cadmium

Site Environmental Assessment

Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were cadmium and silver in soil and groundwater.

Site Health Assessment

Contact with contamination on the site is not expected because fencing and 24-hour surveillance prevent trespassing. The surrounding community is served by a public water supply so drinking contaminated groundwater is not likely.

For more Information: [E-mail Us](#)

Refine This Search

COUNTY OF SUFFOLK



STEVEN BELLONE
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF PUBLIC WORKS

DARNELL TYSON, P.E.
DEPUTY COMMISSIONER

GILBERT ANDERSON, P.E.
COMMISSIONER

THOMAS G. VAUGHN
DEPUTY COMMISSIONER

MEMORANDUM

TO: Gloria Russo, Chairperson
Council on Environmental Quality

FROM: Ben Wright, P.E., Principal Civil Engineer *BW*

SUBJECT: SD #7 – Medford, CP 8194

DATE: January 19, 2017

Attached is a short EAF for the referenced sewer district. The facility was constructed in the mid 1970's and although modifications and upgrades have been performed in the past, there is the need to replace an outdated system and provide capacity for the potential development of North Bellport and the sewerage of the Village of Bellport. All work would be confined to replacement in-kind of the facilities on the WWTP site. The adopted capital budget includes \$1.75 million to address these problems. The infrastructure includes replacement of the denitrification filters and auxiliary equipment.

BW:ni

Attachment

cc: John Donovan, P.E., Chief Engineer
Boris Rukovets, P.E., DPW Special Projects Supervisor
Doug Haussel, Director of Operations & Maintenance
John Corral, Planner

H:\SANITATION\Sewer-districts\sd07 - Medford\bw1-19-17 sd7 - Medford CP 8194 CEQ memo to GRusso.doc

SUFFOLK COUNTY IS AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER

SUFFOLK COUNTY
SHORT ENVIRONMENTAL ASSESSMENT FORM
 6 NYCRR Part 617
 State Environmental Quality Review

Instructions: 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 available 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/Project: Improvements of SD #7 - Medford (Woodside Plant)		
Project Location (include map): SD #7W WWTP, Harrison Avenue, off CR 101, South of Woodside Avenue		
Brief Description of Proposed Action (include purpose, intent and the environmental resources that may be affected): See attached description		
Name of Applicant/Project Sponsor: Suffolk County DPW		Email: ben.wright@suffolkcountyny.gov
		Telephone #: 631-852-4184
Address: 335 Yaphank Avenue		
City/P.O.: Yaphank	State: NY	Zip Code: 11980
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.		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
2. Does the proposed action require a permit, approval or funding from any other governmental agency? If Yes, list agency(s) name and permit or approval: <input style="width: 60%; height: 20px;" type="text"/>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
3a. Total acreage of the site of the proposed action: N/A		
3b. Total acreage to be physically disturbed: N/A		
3c. Total acreage (project site and contiguous properties) owned or controlled by the applicant or project sponsor: 2.5 acres		
4. Check all land uses that occur on, adjoining and near the proposed action: <input type="checkbox"/> Urban <input type="checkbox"/> Forest <input type="checkbox"/> Parkland <input type="checkbox"/> Agriculture <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input type="checkbox"/> Aquatic <input type="checkbox"/> Commercial <input type="checkbox"/> Residential (suburban) <input checked="" type="checkbox"/> Other:		

5a. Is the proposed action a permitted use under the zoning regulations?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
5b. Is the proposed action consistent with an adopted comprehensive plan?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
7. Is the site of the proposed action located in, or adjoining a state listed Critical Environmental Area (CEA)? If Yes, identify CEA: <input type="text"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
8a. Will the proposed action result in a substantial increase in traffic above present levels?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
8b. Are public transportation services available at or near the site of the proposed action?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
8c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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: <input type="text"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
10. Will the proposed action connect to an existing public/private water supply? If Yes, does the existing system have capacity to provide service? Yes <input type="checkbox"/> No <input type="checkbox"/> If No, describe method for providing potable water: <input type="text"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
11. Will the proposed action connect to existing wastewater utilities? If Yes, does the existing system have capacity to provide service? Yes <input type="checkbox"/> No <input type="checkbox"/> If No, describe method for providing wastewater treatment: <input type="text"/>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
12a. Does the site contain a structure that is listed on either the State or National Register of Historic Places or dedicated to the Suffolk County Historic Trust?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
12b. Is the proposed action located in an archeological sensitive area?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
13a. 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?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

<p>13b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?</p> <p>If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
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<p>14. Identify the typical habitat types that occur on, or are likely to be found on the project site (check all that apply):</p> <p> <input type="checkbox"/> Shoreline <input type="checkbox"/> Forest <input type="checkbox"/> Agricultural/grasslands <input type="checkbox"/> Early/mid-successional <input type="checkbox"/> Wetland <input type="checkbox"/> Urban <input checked="" type="checkbox"/> Suburban </p>	
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<p>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?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
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<p>16. Is the project site located in the 100 year flood plain?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
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<p>17. Will the proposed action create storm water discharge, either from point or non-point sources?</p> <p>If Yes,</p> <p>a. Will storm water discharges flow to adjacent properties? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If Yes, describe:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
---	--

<p>18. Does the proposed action include construction or other activities that result in the impoundment of water or other liquids (e.g. retention pond, waste lagoon, dam)?</p> <p>If Yes, explain size and purpose:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
---	--

<p>19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility?</p> <p>If Yes, describe:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
---	--

<p>20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?</p> <p>If Yes, describe:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
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I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE

Applicant/Sponsor Name: Ben Wright Date: 1/19/17

Signature: *Ben Wright*

SUFFOLK COUNTY
SHORT ENVIRONMENTAL ASSESSMENT FORM
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Part 2 – Impact Assessment (To be completed by Lead Agency)

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

SUFFOLK COUNTY
SHORT ENVIRONMENTAL ASSESSMENT FORM
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Part 3 – Determination of Significance

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

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

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

Name of Lead Agency

Date

Print or Type Name of Responsible Officer in Lead Agency

Title of Responsible Officer

Signature of Responsible Officer in Lead Agency

Signature of Preparer (if different from Responsible Officer)

“Attachments”

Sewer District No. 7

CP 8194 – WWTP Improvements

Description and Map

Capital Project 8194

Improvements to SD # 7 - Medford

Suffolk County Sewer District No. 7 (S.C.S.D. 7) – Medford has two wastewater treatment plants and the Woodside facility requires improvement and expansion. The Woodside facility is a 0.4 mgd nitrogen removal plant located on Harrison Avenue, off CR 101 south of Woodside Avenue. The adopted 2017 Capital Program and budget includes \$1.75 million in construction funds for the work with the focus on the denitrification filter system replacement along with auxiliary equipment. The replacement system will provide the capacity to treat sewage from the potential development in North Bellport and sewerage of the Village of Bellport. All work is in-kind replacement in the same foot-print of the system to be replaced.

The process of securing funding will be initiated with a public hearing supported by a report, a findings resolution and an appropriating resolution.

Patchogue-Yaphank Rd

Woodside
STP

Harrison Ave



COUNTY OF SUFFOLK



STEVEN BELLONE
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF PUBLIC WORKS

DARNELL TYSON, P.E.
DEPUTY COMMISSIONER

GILBERT ANDERSON, P.E.
COMMISSIONER

THOMAS G. VAUGHN
DEPUTY COMMISSIONER

M E M O R A N D U M

TO: Gloria Russo, Chairperson
Council on Environmental Quality

FROM: Ben Wright, P.E., Principal Civil Engineer

SUBJECT: **SCSD #22 - Hauppauge Municipal
Recharge Facilities CP 8171**

DATE: January 30, 2017 *BW*

Please find attached 15 copies of the full Environmental Assessment Form for the referenced project. The project involves construction of approximately 6,700 linear feet of force main connecting the wastewater treatment plant at the County Center North Complex in Hauppauge (Sewer District No. 22) to the sewer system of Sewer District No. 18 - Hauppauge Industrial at the intersection of Marcus Avenue and New Highway. The project is to abandon the SD #22 facility and discharge raw wastewater to be treated at SD #18.

We would appreciate the project being placed on the February 15th agenda of CEQ.

Thank you for your assistance.

BW/ni

Attachment

cc: John Corral, Planner CEQ
Paul Lappano, P.E., LKB
John Donovan, P.E., Chief Engineer

H:\SANITATION\Sewer-districts\sd22 - Hauppauge Municipal\bw1-30-17 sd22 Hauppauge Industrial CP 8171
memo to GRusso.doc

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FULL ENVIRONMENTAL ASSESSMENT FORM
 6 NYCRR Part 617
 State Environmental Quality Review

Part 1 – Environment and Setting

Instructions: Part 1 is to be completed by the applicant or project sponsor. 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. If a question is not applicable to the proposed project indicate with “N/A”.

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 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 project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Sponsor Information

Name of Action/Project: Suffolk County Sewer District No. 22 Hauppauge Municipal Recharge Facilities Capital Project Number 8171
Project Location (specify Town, Village, Hamlet and attach general location map*): Town of Smithtown from County Center building along roadways to the intersection of New Highway and Marcus Avenue
Street Address: Suffolk County Center Offices, 725 Veterans Highway, Smithtown, NY 11787
Name of Property or Waterway: Suffolk County Center Offices

* Maps of Property and Project: Attach relevant available maps including a location map (note: use road map, Hagstrom Atlas, USGS topography map, tax map or equivalent) and preliminary site plans showing orientation, scale, buildings, roads, landmarks, drainage systems, area to be altered by project, etc.

Type of Project: New Expansion

Capital Program: Item # CP8171 Date Adopted: Dec 2016 Amount: \$ 3 Million

<p>Brief Description of Proposed Action (include purpose or need/attach relevant design reports, plans, etc.): The sewage treatment facility for SCSD #22 is located on the east side of the County Center property, north of Veterans Highway. The 200,000 gpd facility and pump station discharges treated sewage into four recharge beds located on site. The recharge beds are hampered by a high water table and limited soil percolation. To alleviate the poor recharge conditions the sewage treatment facility is being deactivated and a new below grade pump station and forcemain will be constructed to convey sewage to SCSD #18. The control building and emergency generator will remain active and supply power to the new pump station. The approximately 6,700 foot forcemain which includes cleanouts and air release valves, will proceed west from the sewage treatment plant, south along North Drive, West along County Center Road, South on Old Willets Path, West along the North side of Veterans Highway, cross Veterans Highway at New Highway and continue south on New Highway to the intersection of New Highway and Marcus Avenue. The forcemain will discharge to the manhole at the intersection of Marcus and New Highway. The work will be performed on the grounds of the existing sewage treatment facility, in or along roadways, and all these areas that have previously been disturbed. The forcemain trenching and covering will proceed in phases and it is anticipated that no more than .02 acres will be disturbed, covered, and asphalted on each day. A project location map is provided as Attachment 1.</p>

Project Status:

	Start	Completion
Proposal		
Study		
Preliminary Planning		
Final Plans: Specs	8/2016	4/2017est
Site Acquisition		
Construction		
Other		

Departments Involved:

Dept. Performing Design & Construction

Initiating Dept. (if different)

Name:	SCDPW Sanitation Division	
Street/PO:	335 Yaphank Avenue	
City, State:	Yaphank NY	
Zip:	11980	
Contact Person:	John C. Donovan, Chief Engineer	
Business Phone:	631-852-4010	
Email:	john.donovan@suffolkcountyny.gov	

B. Government Approvals, Funding or Sponsorship

("Funding" includes grants, loans, tax relief and any other forms of financial assistance)

Government Entity	Yes <input type="checkbox"/>	No <input type="checkbox"/>	If "Yes": Identify Agency and Approval(s) Required	Application Date (Actual or Projected)				
i. City Council, Town Board or Village Board of Trustees	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Town of Smithtown road opening permit and easement	1/18 projected				
ii. City, Town or Village Planning Board or Commission	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>						
iii. City, Town or Village Zoning Board of Appeals	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>						
iv. Other local agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>						
v. County agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	SCCEQ					
vi. Regional agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>						
vii. State agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NYS DOT for jacking under Rte 454 & NYS DEC for modifications to SPDEC permit and possible wetland permit.					
viii. Federal agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>						
ix. Coastal Resources Is the project site within a Coastal Area or the waterfront area of a Designated Inland Waterway? If YES, <table border="1" style="width: 100%;"> <tr> <td>Is the project site located in a community with an approved Local Waterfront Revitalization Program?</td> <td>Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>Is the project site within a Coastal Erosion Hazard Area?</td> <td>Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>				Is the project site located in a community with an approved Local Waterfront Revitalization Program?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Is the project site within a Coastal Erosion Hazard Area?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Is the project site located in a community with an approved Local Waterfront Revitalization Program?	Yes <input type="checkbox"/> No <input type="checkbox"/>							
Is the project site within a Coastal Erosion Hazard Area?	Yes <input type="checkbox"/> No <input type="checkbox"/>							

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 <input type="checkbox"/> No <input checked="" type="checkbox"/>
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? Town of Smithtown draft comprehensive plan dated February 2015. If Yes: Does the comprehensive plan include specific recommendations for the site where the proposed action would be located? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
b. Is the site of the proposed action within any local or regional special planning district (i.e. Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; et. al)? If Yes, identify the plan(s): _____	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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? If Yes, identify the plan(s): _____	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
C.3. Zoning	
a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance? If Yes, what is the zoning classification(s) including any applicable overlay district? Predominantly Residential/ slight industrial at intersection of Marcus and New Highway	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
b. Is the use permitted or allowed by a special or conditional use permit?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
c. Is a zoning change requested as part of the proposed action? If Yes, what is the proposed new zoning for the site? _____	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
C.4. Existing Community Services	
a. In what school district is the project site located? Hauppauge	
b. What police or other public protection forces serve the project site? Suffolk County Police, Smithtown Public Safety	
c. Which fire protection and emergency medical services serve the project site? Hauppauge Volunteer Fire Department, Central Islip/ Hauppauge Volunteer Ambulance Corps	
d. What parks serve the project site? Bill Richards Park and Blydenburgh County Park, both of which are in Hauppauge.	

D. Project Details

D.1. Proposed and Potential Development							
<p>a. What is the general nature of the proposed action? (if mixed, include all components)</p> <p style="text-align: right; margin-right: 50px;">Municipal sewage pumping station and force main</p> <p>Residential <input type="checkbox"/>; Industrial <input type="checkbox"/>; Commercial <input type="checkbox"/>; Recreational <input type="checkbox"/>; Other <input checked="" type="checkbox"/></p>							
b. Total acreage of the site of the proposed action:	.92 acres						
c. Total acreage to be physically disturbed:	.92 acres						
d. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor:	.3 acres						
<p>e. Is the proposed action an expansion of an existing project or use?</p> <p>If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet, etc.)?</p> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> Approximately 6,700 feet of force main, a pump station and appurtenances added to SCSD #22 </div>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						
<p>f. Is the proposed action a subdivision, or does it include a subdivision?</p> <p>If Yes:</p> <p>i. Purpose or type of subdivision? (if mixed, specify types)</p> <p style="margin-left: 20px;">Residential <input type="checkbox"/>; Industrial <input type="checkbox"/>; Commercial <input type="checkbox"/>; Recreational <input type="checkbox"/>; Other <input type="checkbox"/></p> <p>ii.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="padding: 2px;">Is a cluster/conservation layout proposed?</td> <td style="text-align: center; padding: 2px;">Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;">Number of lots proposed:</td> <td style="padding: 2px;"></td> </tr> <tr> <td style="padding: 2px;">Minimum and maximum proposed lot sizes:</td> <td style="padding: 2px;"></td> </tr> </table>	Is a cluster/conservation layout proposed?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Number of lots proposed:		Minimum and maximum proposed lot sizes:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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<p>g. Will proposed action be constructed in multiple phases?</p> <p>If No, What is the anticipated period of construction?</p> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> 4/2019 to 2/2020 </div> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> Total number of phases anticipated: </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> Anticipated commencement date of phase I (including demolition): </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> Anticipated completion date of final phase: </div> <div style="border: 1px solid black; padding: 2px; margin-top: 5px;"> Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: </div>	Yes <input type="checkbox"/> No <input type="checkbox"/>						

<p>h. Does the project include new residential uses?</p> <p>If Yes, show number of units proposed.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 20%;"></th> <th style="width: 20%;">Single Family</th> <th style="width: 20%;">Two Family</th> <th style="width: 20%;">Three Family</th> <th style="width: 20%;">Multi-Family (4+)</th> </tr> </thead> <tbody> <tr> <td>Initial Phase</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>At Completion</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Single Family	Two Family	Three Family	Multi-Family (4+)	Initial Phase					At Completion					<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
	Single Family	Two Family	Three Family	Multi-Family (4+)												
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At Completion																
<p>i. Does the proposed action include new non-residential construction (including expansions)?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="padding: 2px;">Total Number of Structures: All structures are below grade. 1 pump station and appurteneces, manholes for 2 air relief valves and 1 cleanouts</td> </tr> <tr> <td style="padding: 2px;">Dimensions of largest proposed structure: 10 foot diameter wet well predominately below grade</td> </tr> <tr> <td style="padding: 2px;">Approximate extent of building space to be heated or cooled: 0</td> </tr> </table>	Total Number of Structures: All structures are below grade. 1 pump station and appurteneces, manholes for 2 air relief valves and 1 cleanouts	Dimensions of largest proposed structure: 10 foot diameter wet well predominately below grade	Approximate extent of building space to be heated or cooled: 0	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>												
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<p>j. 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?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="padding: 2px;">Purpose of the impoundment:</td> </tr> <tr> <td style="padding: 2px;">If a water impoundment, the principal source of the water: Ground Water <input type="checkbox"/>; Surface Water Streams <input type="checkbox"/>; Other <input type="checkbox"/> (specify):</td> </tr> <tr> <td style="padding: 2px;">If other than water, identify the type of impounded/contained liquids and their source:</td> </tr> <tr> <td style="padding: 2px;">Approximate size of the proposed impoundment (include units): Volume: _____ Surface area: _____</td> </tr> <tr> <td style="padding: 2px;">Dimensions of the proposed dam or impounding structure:</td> </tr> <tr> <td style="padding: 2px;">Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock wood, concrete):</td> </tr> </table>	Purpose of the impoundment:	If a water impoundment, the principal source of the water: Ground Water <input type="checkbox"/> ; Surface Water Streams <input type="checkbox"/> ; Other <input type="checkbox"/> (specify):	If other than water, identify the type of impounded/contained liquids and their source:	Approximate size of the proposed impoundment (include units): Volume: _____ Surface area: _____	Dimensions of the proposed dam or impounding structure:	Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock wood, concrete):	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>									
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D.2. Project Operations																
<p>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)</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="padding: 2px;">What is the purpose of the excavation or dredging?</td> </tr> <tr> <td style="padding: 2px;">How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site? Volume: _____ Over what duration of time: _____</td> </tr> <tr> <td style="padding: 2px;">Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them:</td> </tr> </table>	What is the purpose of the excavation or dredging?	How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site? Volume: _____ Over what duration of time: _____	Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>												
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D.2.a (cont.) – only answer following if checked “Yes” above

Will there be onsite dewatering or processing of excavated materials?

If Yes, describe:

What is the total area to be dredged or excavated?

What is the maximum area to be worked at any one time?

What would be the maximum depth of excavation or dredging?

Will the excavation require blasting?

Summarize site reclamation goals and plans:

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, water body, shoreline, beach or adjacent area?

If Yes:

Identify the wetland or water body which would be affected (by name, water index number, wetland map number or geographic description):

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

Will proposed action cause or result in disturbance to bottom sediments?

If Yes, describe:

Will proposed action cause or result in the destruction or removal of aquatic vegetation?

If Yes:

Area of vegetation proposed to be removed:

Expected acreage of aquatic vegetation remaining after project completion:

Purpose of proposed removal (e.g., beach clearing, invasive control, boat access):

Proposed method of plant removal:

If chemical/herbicide treatment will be used, specify product(s):

Describe any proposed reclamation/mitigation following disturbance:

Yes No

c. Will the proposed action use or create a new demand for water?

If Yes:

Total anticipated water usage/demand per day:

Will the proposed action obtain water from an existing public water supply?

If Yes:

Name of district/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

Will line extension within an existing district be necessary to supply the project?

If Yes:

Describe extensions or capacity expansions proposed to serve this project:

Source(s) of supply for the district:

Yes No

Is a new water supply district or service area proposed to be formed to serve the project site?

If Yes:

Applicant/sponsor for new district:

Date application submitted or anticipated:

Proposed source(s) of supply for new district:

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

If water supply will be from wells (public or private), what will be the maximum pumping capacity?

d. Will the proposed action generate liquid wastes?

If Yes:

Total anticipated liquid waste generation per day:

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

If sanitary wastewater identify proposed disinfection technology and treatment goals for the following:

Disinfection technology:

Nitrogen:

Phosphorus:

Total Suspended Solids (TSS):

Biological Oxygen Demand (BOD):

Will the proposed action use any existing public wastewater treatment facilities?

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 line extension within an existing district be necessary to serve the project?

If Yes:

Describe extensions or capacity expansions proposed to serve this project:

Will a new wastewater (sewage) treatment district be formed to serve the project site?

If Yes:

Applicant/Sponsor for new district:

Date application submitted or anticipated:

What is the receiving water for the wastewater discharge?

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):

Describe any plans or designs to capture, recycle or reuse liquid waste:

Yes No

<p>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?</p> <p>If Yes:</p> <p>How much impervious surface will the project create in relation to total size of project parcel? Area of Impervious Surface: Area of Parcel:</p> <p>Describe types of new point sources:</p> <p>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)?</p> <p>If to surface waters, identify receiving water bodies or wetlands:</p> <p>Will stormwater runoff flow to adjacent properties? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Does proposed plan minimize impervious surfaces use pervious materials or collect and re-use stormwater? Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>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?</p> <p>If Yes, identify:</p> <p>Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles): Payloader, excavators, trucks during construction</p> <p>Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers):</p> <p>Stationary sources during operations (e.g., process emissions, large boilers, electric generation):</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>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?</p> <p>If Yes:</p> <p>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 <input type="checkbox"/> No <input type="checkbox"/></p> <p>In addition to emissions as calculated in the application, the project will generate:</p> <ul style="list-style-type: none"> - Tons/year (metric) of Carbon Dioxide (CO₂) - Tons/year (metric) of Nitrous Oxide (N₂O) - Tons/year (metric) of Perfluorocarbons (PFCs) - Tons/year (metric) of Sulfur Hexafluoride (SF₆) - Tons/year (metric) of Carbon Dioxide equivalent of Hydroflorocarbons (HFCS) - Tons/year (metric) of Hazardous Air Pollutants (HAPs) 	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

<p>h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Estimate methane generation in tons/year (metric):</td> </tr> <tr> <td>Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):</td> </tr> </table>	Estimate methane generation in tons/year (metric):	Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>																																											
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<p>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?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td colspan="3">When is the peak traffic expected? (check all that apply)</td> </tr> <tr> <td>Morning <input type="checkbox"/></td> <td>Evening <input type="checkbox"/></td> <td>Randomly <input type="checkbox"/></td> </tr> <tr> <td colspan="2">Weekend <input type="checkbox"/></td> <td>between the hours of _____ to _____</td> </tr> <tr> <td colspan="3">For commercial activities only, projected number of semi-trailer truck trips/day:</td> </tr> <tr> <td colspan="3">Parking spaces:</td> </tr> <tr> <td>Existing:</td> <td>Proposed:</td> <td>Net Increase/Decrease:</td> </tr> <tr> <td colspan="3">Does the proposed action include any shared use parking?</td> </tr> <tr> <td colspan="3">Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td colspan="3">If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:</td> </tr> <tr> <td colspan="3">Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site?</td> </tr> <tr> <td colspan="3">Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td colspan="3">Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles?</td> </tr> <tr> <td colspan="3">Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td colspan="3">Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes?</td> </tr> <tr> <td colspan="3">Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	When is the peak traffic expected? (check all that apply)			Morning <input type="checkbox"/>	Evening <input type="checkbox"/>	Randomly <input type="checkbox"/>	Weekend <input type="checkbox"/>		between the hours of _____ to _____	For commercial activities only, projected number of semi-trailer truck trips/day:			Parking spaces:			Existing:	Proposed:	Net Increase/Decrease:	Does the proposed action include any shared use parking?			Yes <input type="checkbox"/> No <input type="checkbox"/>			If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:			Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site?			Yes <input type="checkbox"/> No <input type="checkbox"/>			Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles?			Yes <input type="checkbox"/> No <input type="checkbox"/>			Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes?			Yes <input type="checkbox"/> No <input type="checkbox"/>			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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<p>i. Hours of operation (Answer all items which apply)</p> <table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">During Construction</th> <th style="width: 50%;">During Operations</th> </tr> </thead> <tbody> <tr> <td>Monday-Friday: 8AM to 4PM</td> <td>Monday-Friday: 24hrs/day</td> </tr> <tr> <td>Saturday:</td> <td>Saturday: 24hrs/day</td> </tr> <tr> <td>Sunday:</td> <td>Sunday: 24hrs/day</td> </tr> <tr> <td>Holidays:</td> <td>Holidays: 24hrs/day</td> </tr> </tbody> </table>	During Construction	During Operations	Monday-Friday: 8AM to 4PM	Monday-Friday: 24hrs/day	Saturday:	Saturday: 24hrs/day	Sunday:	Sunday: 24hrs/day	Holidays:	Holidays: 24hrs/day	N/A <input type="checkbox"/>
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<p>m. Does the proposed action produce noise that will exceed existing ambient noise levels during construction, operation or both?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Provide details including sources, time of day and duration:</td> </tr> <tr> <td>Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:</td> </tr> </table>	Provide details including sources, time of day and duration:	Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
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<p>n. Will the proposed action have outdoor lighting?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures - 400 watt on a 10 foot pole aimed at ground surrounding the wet well.</td> </tr> <tr> <td>Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Describe:</td> </tr> </table>	Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures - 400 watt on a 10 foot pole aimed at ground surrounding the wet well.	Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Describe:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>								
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<p>o. Does the proposed action have the potential to produce odors for more than one hour per day?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Describe possible sources, potential frequency and duration of odor emissions and proximity to nearest occupied structures:</td> </tr> </table>	Describe possible sources, potential frequency and duration of odor emissions and proximity to nearest occupied structures:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>									
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<p>p. Will the proposed action include any bulk storage of petroleum (over 1,100 gallons) or chemical products (over 550 gallons)?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Product(s) to be stored:</td> </tr> <tr> <td>Volume(s): per unit time: (e.g., month, year)</td> </tr> <tr> <td>Generally describe proposed storage facilities:</td> </tr> </table>	Product(s) to be stored:	Volume(s): per unit time: (e.g., month, year)	Generally describe proposed storage facilities:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>							
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<p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Describe proposed treatment(s):</td> </tr> <tr> <td>Will the proposed action use Integrated Pest Management Practices? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	Describe proposed treatment(s):	Will the proposed action use Integrated Pest Management Practices? Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
Describe proposed treatment(s):											
Will the proposed action use Integrated Pest Management Practices? Yes <input type="checkbox"/> No <input type="checkbox"/>											

<p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Describe any solid waste(s) to be generated during construction or operation of the facility:</td> </tr> <tr> <td style="width: 15%;">Construction:</td> <td>tons per _____ (unit of time)</td> </tr> <tr> <td>Operation:</td> <td>tons per _____ (unit of time)</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</td> </tr> <tr> <td style="width: 15%;">Construction:</td> <td>_____</td> </tr> <tr> <td>Operation:</td> <td>_____</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Proposed disposal methods/facilities for solid waste generated on-site:</td> </tr> <tr> <td style="width: 15%;">Construction:</td> <td>_____</td> </tr> <tr> <td>Operation:</td> <td>_____</td> </tr> </table>	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)	Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:		Construction:	_____	Operation:	_____	Proposed disposal methods/facilities for solid waste generated on-site:		Construction:	_____	Operation:	_____	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
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Operation:	_____																						
Proposed disposal methods/facilities for solid waste generated on-site:																							
Construction:	_____																						
Operation:	_____																						
<p>s. Does the proposed action include construction or modification of a solid waste management facility?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill or other disposal activities):</td> </tr> <tr> <td colspan="2">Anticipated rate of disposal/processing:</td> </tr> <tr> <td style="width: 15%;"></td> <td>tons/month, if transfer or other non-combustion/thermal treatment, or</td> </tr> <tr> <td></td> <td>tons/hour, if combustion or thermal treatment</td> </tr> <tr> <td colspan="2">If landfill, anticipated site life: _____ years</td> </tr> </table>	Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill or other disposal activities):		Anticipated rate of disposal/processing:			tons/month, if transfer or other non-combustion/thermal treatment, or		tons/hour, if combustion or thermal treatment	If landfill, anticipated site life: _____ years		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>												
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	tons/hour, if combustion or thermal treatment																						
If landfill, anticipated site life: _____ years																							
<p>t. Will proposed action at the site involve the commercial generation, treatment, storage or disposal of hazardous waste?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility:</td> </tr> <tr> <td colspan="2">Generally describe processes or activities involving hazardous wastes or constituents:</td> </tr> <tr> <td colspan="2">Specify amount to be handled or generated:</td> </tr> <tr> <td style="width: 15%;"></td> <td>tons/month</td> </tr> <tr> <td colspan="2">Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents:</td> </tr> <tr> <td colspan="2">Will any hazardous wastes be disposed at an existing offsite hazardous waste facility?</td> </tr> <tr> <td colspan="2">Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td colspan="2">If Yes:</td> </tr> <tr> <td colspan="2">Provide name and location of facility:</td> </tr> <tr> <td colspan="2">If No:</td> </tr> <tr> <td colspan="2">Describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:</td> </tr> </table>	Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility:		Generally describe processes or activities involving hazardous wastes or constituents:		Specify amount to be handled or generated:			tons/month	Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents:		Will any hazardous wastes be disposed at an existing offsite hazardous waste facility?		Yes <input type="checkbox"/> No <input type="checkbox"/>		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:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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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:																							

<p>u. Will proposed action adhere to Leadership in Energy and Environmental Design (LEED) or any other green building principals?</p> <p>If Yes: <input type="text" value="Describe proposed green building methods and attempted level of certification, if any:"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>v. Does the project sponsor propose the use of energy benchmarking to monitor and adjust project energy needs?</p> <p>If Yes, explain: <input type="text"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>w. Will the proposed action use native plants for all landscaping needs?</p> <p>Identify species to be used and method of irrigation: <u>A small grassed shoulder area along 454 will be replanted with a Fescue, Blue grass, Rye grass, Clover mixture.</u> Temporary irrigation will be provided by water trucks.</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>x. Does the proposed action promote local tourism?</p> <p>If Yes, explain: <input type="text"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

E. Site and Setting of Proposed Action

E.1. Land Uses on and Surrounding the Project Site

a. Existing land uses (Check all uses the occur on, adjoining and near the project site): (include map)

Urban Industrial Commercial Residential Rural
 Forest Agriculture Aquatic Other Specify: Institutional, County Complex

If mix of uses, generally describe: The majority approximatly 65% is residential, while the County Complex makes up approximatly 29% of the area. The remainder, industrial is in the Hauppauge industrial park. See attachment 2 for the land use map.

b. Land uses and cover types on the project site:

Land Use or Cover Type	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
Roads, buildings and other paved or impervious surfaces. Refer to project description on Phase 1.	.92	.92	0
Forested			
Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
Agricultural (includes active orchards, fields, greenhouse, etc.)			
Surface water features (lakes, ponds, streams, rivers, etc.)			
Wetlands (freshwater or tidal)			
Non-Vegetated (bare rock, earth or fill)			
Other Describe:			
TOTAL:	.92	.92	

<p>c. Is the project site presently used by members of the community for public recreation?</p> <p>If Yes, explain:</p> <div style="border: 1px solid black; height: 30px; width: 100%;"></div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers or group homes) within 1,500 feet of the project site?</p> <p>If Yes, identify facilities:</p> <div style="border: 1px solid black; height: 30px; width: 100%;"></div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>e. Does the project site contain an existing dam?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 5px;"> <p>Dimensions of the dam and impoundment:</p> <ul style="list-style-type: none"> - Dam height: feet - Dam length: feet - Surface area: acres - Volume impounded: gallons or acre-feet </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>Dam's existing hazard classification:</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>Provide date and summarize results of last inspection:</p> </div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>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?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 5px;"> <p>Has the facility been formally closed? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If Yes, cite sources/documentation:</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>Describe the location of the project site relative to the boundaries of the solid waste management facility:</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> <p>Describe any development constraints due to the prior solid waste activities:</p> </div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>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?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 5px;"> <p>Describe waste(s) handled and waste management activities, including approximate time when activities occurred:</p> </div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

h. Has there been a reported contamination spill at the proposed project site or have any remedial actions been conducted at or adjacent to the proposed site?

If Yes:

Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? (Check all that apply)

- Yes – Spills Incidents database Provide DEC ID number(s):
 Yes – Environmental Site Remediation database Provide DEC ID number(s):
 Neither database

If site has been subject to RCRA corrective activities, describe control measures:

Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes No

If Yes:

DEC ID number(s):

Describe current status of site(s):

Yes No

E.1.h. (cont.) – only answer following if checked “Yes” above

Is the project site subject to an institutional control limiting property uses?

If Yes:

DEC site ID number(s):

Describe the type of institutional control (e.g., deed restriction or easement):

Describe any use limitations:

Describe any engineering controls:

Will the project affect the institutional or engineering controls in place? Yes No

Explain:

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site:
600 feet

b. Are there bedrock outcroppings on the project site?

If Yes:

What proportion of the site is comprised of bedrock outcroppings?
%

Yes No

c. Predominant soil type(s) present on project site: (include map) See attachment 3

1. CuC, cut and fill land sloping	43 % of site
2. Riverhead and Haven soils	32 % of site
3. PIA, Plymouth loamy sand	13 % of site
4. CuB Cut and fill land gently sloping	12 % of site

d. What is the average depth to the water table on the project site?
 Depth varies from 15 feet at the Conty Center property to 55 ft at the intersection of Marcus and New Highway

e. Drainage status of project site soils:

1.	<input checked="" type="checkbox"/> Well Drained	45 % of site
2.	<input checked="" type="checkbox"/> Moderately Well Drained	55 % of site
3.	<input type="checkbox"/> Poorly Drained	% of site

f. Approximate proportion of proposed action site with slopes: (include topographic map)

1.	<input checked="" type="checkbox"/> 0-10%	100 % of site
2.	<input type="checkbox"/> 11-15%	% of site
3.	<input type="checkbox"/> 16% or greater	% of site

g. Are there any unique geologic features on the project site?
 If Yes, describe:

 Yes No

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

i. Do any wetlands or other waterbodies adjoin the project site? The eastern most portion of the project is the pump station. The pump station is on the grounds of the existing sweage treatment facility, adjacent to the wetlands which are the head waters of the Nissequogue River. See attachment 5.
 Yes No

If Yes to either E.2.h or E.2.i, continue. If No, skip to E.2.m

j. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? (include map)
 Yes No

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

Streams:	Name:	Classification:
Lakes or Ponds:	Name:	Classification:
Wetlands:	Name:	Approx. Size:
Wetland No. (if regulated by DEC):		

l. Are any of the above waterbodies listed in the most recent compilation of NYS water quality-impaired waterbodies?
 If Yes, name of impaired water body/bodies and basis for listing as impaired:

 Yes No

m. Is the project site in a designated floodway?
 Yes No

n. Is the project site in the 100 year floodplain?
 Yes No

o. Is the project site in the 500 year floodplain?
 Yes No

p. Is the project site located over or immediately adjoining a primary, principal or sole source aquifer?
 If Yes:
 Name of aquifer: Nassau-Suffolk
 Source of information: USEPA
 Yes No

<p>q. Identify the predominant wildlife species that occupy or use the project site:</p> <p>Since the project is predominately in roadways, wildlife species would not occupy these areas.</p>	
<p>r. Does the project site contain a designated significant natural community?</p> <p>If Yes:</p> <p>Describe the habitat/community (composition, function and basis for designation):</p> <p>Source(s) of description or evaluation:</p> <p>Extent of community/habitat:</p> <ul style="list-style-type: none"> - Currently: acres - Following completion of project as proposed: acres - Gain or loss (indicate + or -): acres 	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>s. 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?</p> <p>If Yes:</p> <p>Species and listing (endangered or threatened):</p> <p>Nature of use of site by the species (e.g., resident, seasonal, transient):</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>t. Does project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern?</p> <p>If Yes:</p> <p>Species and listing:</p> <p>Nature of use of site by the species (e.g., resident, seasonal, transient):</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>u. Is the project site or adjoining area currently used for hunting, trapping, fishing or shellfishing?</p> <p>If Yes, give a brief description of how the proposed action may affect that use:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>E.3. Designated Public Resources On or Near Project Site</p>	
<p>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?</p> <p>If Yes, provide county plus district name/number:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>b. Are agricultural lands consisting of highly productive soils present?</p> <p>If Yes:</p> <p>Acreage(s) on project site:</p> <p>Source(s) of soil rating(s):</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

<p>c. Does the project site contain all or part of, or is it substantially contiguous to a registered National Natural Landmark?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Nature of the natural landmark: <input type="checkbox"/> Biological Community; <input type="checkbox"/> Geological Feature</td> </tr> <tr> <td>Provide brief description of landmark, including values behind designation and approximate size/extent:</td> </tr> </table>	Nature of the natural landmark: <input type="checkbox"/> Biological Community; <input type="checkbox"/> Geological Feature	Provide brief description of landmark, including values behind designation and approximate size/extent:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
Nature of the natural landmark: <input type="checkbox"/> Biological Community; <input type="checkbox"/> Geological Feature				
Provide brief description of landmark, including values behind designation and approximate size/extent:				
<p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area, including Special Groundwater Protection Areas?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>CEA name:</td> </tr> <tr> <td>Basis for designation:</td> </tr> <tr> <td>Designating agency and date:</td> </tr> </table>	CEA name:	Basis for designation:	Designating agency and date:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
CEA name:				
Basis for designation:				
Designating agency and date:				
<p>e. Does the project site contain, or is it substantially contiguous to, a building, archeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site; <input type="checkbox"/> Historic Building or district</td> </tr> <tr> <td>Name:</td> </tr> <tr> <td>Brief description of attributes on which listing is based:</td> </tr> </table>	Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site; <input type="checkbox"/> Historic Building or district	Name:	Brief description of attributes on which listing is based:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site; <input type="checkbox"/> Historic Building or district				
Name:				
Brief description of attributes on which listing is based:				
<p>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? See Attachment 6. However, all areas have been previously disturbed by roads, buildings and underground utilities.</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>			
<p>g. Have additional archaeological or historic site(s) or resources been identified on the project site?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Describe possible resource(s):</td> </tr> <tr> <td>Basis for identification:</td> </tr> </table>	Describe possible resource(s):	Basis for identification:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
Describe possible resource(s):				
Basis for identification:				
<p>h. Would the project site be visible from any officially designated and publicly assessable federal, state or local scenic or aesthetic resource?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Identify resource:</td> </tr> <tr> <td>Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):</td> </tr> <tr> <td>Distance between project and resource:</td> </tr> </table>	Identify resource:	Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):	Distance between project and resource:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
Identify resource:				
Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):				
Distance between project and resource:				
<p>i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR Part 666?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Identify the name of the river and its designation:</td> </tr> <tr> <td>Is the activity consistent with development restrictions contained in 6 NYCRR Part 666? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	Identify the name of the river and its designation:	Is the activity consistent with development restrictions contained in 6 NYCRR Part 666? Yes <input type="checkbox"/> No <input type="checkbox"/>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
Identify the name of the river and its designation:				
Is the activity consistent with development restrictions contained in 6 NYCRR Part 666? Yes <input type="checkbox"/> No <input type="checkbox"/>				

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: *SCDPW - Sanitation*

Date: *2-1-17*

Signature: *Ben Wong*

Title: *PRIN. CIVIL ENGR.*

SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
 6 NYCRR Part 617
 State Environmental Quality Review

Part 2 – Identification of Potential Project Impacts

Instructions: Part 2 is to be completed by the lead agency. It 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.

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 section.
- _____ 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			
The proposed action may involve construction on, or physical alteration of the land surface of the proposed site. (See Part 1.D.1)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<i>If “YES”, answer questions a-h. If “NO”, move on to Section 2.</i>			
	Relevant Part 1 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.	E.2.d <input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____	The proposed actin may involve construction on slopes of 15% or greater.	E.2.f <input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____	The proposed actin may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E.2.a <input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____	The proposed action may involve the excavation and removal of more than 1,000 tons of natural	D.2.a <input checked="" type="checkbox"/>	<input type="checkbox"/>

material.			
e. _____ The proposed action may involve construction that continues for more than one year or in multiple phases.	D.1.g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D.2.e D.2.q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action is, or may be, located within a Coastal Erosion hazard area.	B.ix	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:	_____	<input type="checkbox"/>	<input type="checkbox"/>

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)
If "YES", answer questions a-c. If "NO", move on to Section 3.

YES NO


	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ Identify the specific land form(s):	E.2.g	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E.3.c	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ Other impacts:	_____	<input type="checkbox"/>	<input type="checkbox"/>

3. _____ Impact 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)
If "YES", answer questions a-l. If "NO", move on to Section 4.

YES NO

	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may create a new water body	D.1.j D.2.b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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.	D.2.b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D.2.a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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.	E.2.h E.2.i	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by	D.2.a D.2.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>


	disturbing bottom sediments.			
f.	_____ The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D.2.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g.	_____ The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D.2.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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.	D.2.e	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i.	_____ The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E.2.h – E.2.l	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j.	_____ The proposed action may involve the application of pesticides or herbicides in or around any water body.	D.2.q E.2.h – E.2.l	<input checked="" type="checkbox"/>	<input type="checkbox"/>
k.	_____ The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D.1.a D.2.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
l.	_____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

4. _____ Impact on Groundwater				
The proposed action may result in new or additional use of groundwater, or may have the potential to introduce contaminants to groundwater or an aquifer. (See Part 1.D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		
<i>If "YES", answer questions a-h. If "NO", move on to Section 5.</i>				
		Relevant Part 1 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.	D.2.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b.	_____ Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source:	D.2.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c.	_____ The proposed action may allow or result in residential uses in areas without water and sewer services.	D.1.a D.2.c – D.2.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d.	_____ The proposed action may include or require wastewater discharged to groundwater.	D.2.d E.2.p	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e.	_____ The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D.2.c E.1.f – E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f.	_____ The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D.2.p E.2.p	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g.	_____ The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	D.2.q E.2.h – E.2.l E.2.p D.2.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>

h. _____ Other impacts:	☒	<input type="checkbox"/>	<input type="checkbox"/>
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5. _____ Impact on Flooding			
The proposed action may result in development on lands subject to flooding. (See Part 1.E.2)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<i>If "YES", answer questions a-g. If "NO", move on to Section 6.</i>			
	Relevant Part 1 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.	E.2.m	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in development within a 100 year floodplain.	E.2.n	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may result in development within a 500 year floodplain.	E.2.o	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in, or require, modification of existing drainage patterns.	D.2.b D.2.e	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may change flood water flows that contribute to flooding.	D.2.b E.2.m – E.2.o	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ If there is a dam located on the site of the proposed action, the dam has failed to meet one or more safety criteria on its most recent inspection.	E.1.e	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ Other impacts:	☒	<input type="checkbox"/>	<input type="checkbox"/>

6. _____ Impact 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)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<i>If "YES", answer questions a-f. If "NO", move on to Section 7.</i>			
	Relevant Part 1 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 (CO2)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
ii. _____ More than 3.5 tons/year of nitrous oxide (N20)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
iii. _____ More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
iv. _____ More than .045 tons/year of sulfur hexafluoride (SF6)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
v. _____ More than 1000 tons/year of carbon dioxide equivalent of hydrochlorofluorocarbons (HCFCs) emissions	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
vi. 43 tons/year or more of methane	D.2.h	<input type="checkbox"/>	<input type="checkbox"/>
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	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>


air pollutants.			
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.	D.2.f D.3.g	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may reach 50% of any two or more of the thresholds in "a" through "c", above.	D.1.i D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D.2.s	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

7. _____ Impact on Plants and Animals			
The proposed action may result in a loss of flora or fauna. (See Part 1.E.2.q – E.2.u) <i>If "YES", answer questions a-j. If "NO", move on to Section 8.</i>		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	Relevant Part 1 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.	E.2.s	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.2.s	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.2.t	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.2.t	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E.3.c	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source:	E.2.r	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.2.q	<input type="checkbox"/>	<input type="checkbox"/>
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:	E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
i. _____ Proposed action (commercial, industrial or recreational projects, only) involves use of	D.2.q	<input type="checkbox"/>	<input type="checkbox"/>

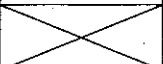
herbicides or pesticides.			
j. _____ Other impacts:	XXXX	<input type="checkbox"/>	<input type="checkbox"/>

8. _____ Impact on Agricultural Resources The proposed action may impact agricultural resources. YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See Part 1.E.3.a & E.3.b) <i>If "YES", answer questions a-h. If "NO", move on to Section 9.</i>			
	Relevant Part 1 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.	E.2.c E.3.b	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc.).	E.1.a E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E.3.b	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.1.b E.3.a	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may disrupt or prevent installation of an agricultural land management system.	E.1.a E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C.2.c, C.3 D.2.c, D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C.2.c	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:	XXXX	<input type="checkbox"/>	<input type="checkbox"/>

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. (See Part 1.E.1.a, E.1.b, E.3.h) <i>If "YES", answer questions a-g and complete Appendix B - Visual EAF Addendum. If "NO", move on to Section 10.</i>			
	Relevant Part 1 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.	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may	C.2.b	<input type="checkbox"/>	<input type="checkbox"/>

result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E.3.h		
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E.3.h E.3.h	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
d. _____ The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E.3.h E.2.u E.1.c	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
e. _____ The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ There are similar projects visible within the following distance of the proposed project: 0 – ½ mile ½ – 3 mile 3 – 5 mile 5+ mile	D.1.a D.1.h D.1.i E.1.a	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
g. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

10. _____ Impact on Historic and Archeological Resources
The proposed action may occur in or adjacent to an historic or archaeological resource. (See Part 1.E.3.e, E.3.f, E.3.g) YES NO
If "YES", answer questions a-e. If "NO", move on to Section 11.

	Relevant Part 1 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 or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places.	E.3.e	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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.	E.3.f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source:	E.3.g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>
e. _____ If any of the above (a-d) are answered "Yes", 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.	E.3.e – E.3g	<input type="checkbox"/>	<input type="checkbox"/>

ii. The proposed action may result in the alteration of the property's setting or integrity.	E.1.a, E.1.b E.3.e – E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
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.	C2, C3 E.3.g, E.3.h	<input type="checkbox"/>	<input type="checkbox"/>

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.u)
If "YES", answer questions a-e. If "NO", move on to Section 12.

YES NO

	Relevant Part 1 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, and wildlife habitat.	D.2.e, E.1.b E.2.h – E.2.l E.2.q – E.2.t	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in the loss of a current or future recreational resource.	C.2.a, C.2.c E.1.c, E.2.u	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C.2.a, C.2.c E.1.c, E.2.u	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C.2.c, E.1.c	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ Other impacts:	XXXX	<input type="checkbox"/>	<input type="checkbox"/>

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", move on to Section 13.

YES NO


	Relevant Part 1 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.	E.3.d	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.3.d	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ Other impacts:	XXXX	<input type="checkbox"/>	<input type="checkbox"/>


13. _____ Impact on Transportation

The proposed action may result in a change to existing transportation systems. (See Part 1.D.2.j)
If "YES", answer questions a-f. If "NO", move on to Section 14.

YES NO

	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ Projected traffic increase	D.2.j	<input type="checkbox"/>	<input type="checkbox"/>

may exceed capacity of existing road network.			
b. _____ The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D.2.j	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action will degrade existing transit access.	D.2.j	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action will degrade existing pedestrian or bicycle accommodations.	D.2.j	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may alter the present pattern of movement of people or goods.	D.2.j	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

14. _____ Impact on Energy			
The proposed action may cause an increase in the use of any form of energy (See Part 1.D.2.k)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<i>If "YES", answer questions a-e. If "NO", move on to Section 15.</i>			
	Relevant Part 1 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.	D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
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.	D.1.h D.1.i D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D.1.i	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

15. _____ Impact on Noise, Odor and Light			
The proposed action may result in an increase in noise, odors or outdoor lighting (See Part 1.D.2.m, D.2.n, D.2.o)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<i>If "YES", answer questions a-f. If "NO", move on to Section 16.</i>			
	Relevant Part 1 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.	D.2.m	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D.2.m E.1.d	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may result in routine odors for more than one hour per day.	D.2.o	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in light shining onto adjoining properties.	D.2.n	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in lighting that creates sky-glow brighter than existing-area conditions.	D.2.n E.1.a	<input type="checkbox"/>	<input type="checkbox"/>

f. _____ Other impacts:	 	<input type="checkbox"/>	<input type="checkbox"/>
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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, E.1.f, E.1.g, E.1.h)
 If "YES", answer questions a-m. If "NO", move on to Section 17.

YES NO

	Relevant Part 1 Question(s)	No, or small impact may occur	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.	E.1.d	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The site of the proposed action is currently undergoing remediation.	E.1.g, E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ There is a completed emergency spill remediation or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E.1.g E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The site of the action is subject to an institutional control limiting the use of the property (e.g. easement, deed restriction)	E.1.g E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.1.g E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
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.	D.2.t	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action involves construction or modification of a solid waste management facility.	D.2.q E.1.f	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ The proposed action may result in the unearthing of solid or hazardous waste.	D.2.q E.1.f	<input type="checkbox"/>	<input type="checkbox"/>
i. _____ The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D.2.r D.2.s	<input type="checkbox"/>	<input type="checkbox"/>
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.	E.1.f – E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
k. _____ The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E.1.f E.1.g	<input type="checkbox"/>	<input type="checkbox"/>
l. The proposed action may result in the release of contaminated leachate from the project site.	D.2.r, D.2.s E.1.f	<input type="checkbox"/>	<input type="checkbox"/>
m. _____ Other impacts:	 	<input type="checkbox"/>	<input type="checkbox"/>

17. _____ Consistency with Community Plans
 The proposed action is not consistent with adopted land use plans. (See Part 1.C.1, C.2, C.3)
 If "YES", answer questions a-h. If "NO", move on to Section 18.

YES NO

	Relevant Part 1 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).	C.2, C.3, D.1.a, E.1.a, E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
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%.	C.2	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action is inconsistent with local land use plans or zoning regulations.	C.2, C.3	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action is inconsistent with any County plans, or other regional land use plans.	C.2	<input type="checkbox"/>	<input type="checkbox"/>
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.	C.3 D.1.e, D.1.f, D.1.h, E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C.4, D.2.c, D.2.d, D.2.j	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C.2.a	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:	X	<input type="checkbox"/>	<input type="checkbox"/>

18. _____ Consistency with Community Character The proposed action is inconsistent with the existing community character (See Part 1.C.2, C.3, D.2, E.3) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <i>If "YES", answer questions a-g. If "NO", move on to Part 3.</i>			
	Relevant Part 1 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.	E.3.e, E.3.f, E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C.4	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C.2, C.3, D.1.h, D.1.i, E.1.a	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C.2, E.3	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action is inconsistent with the predominant architectural scale and character.	C.2, C.3	<input type="checkbox"/>	<input type="checkbox"/>
f. Proposed action is inconsistent with the character of the existing natural landscape.	C.2, C.3, E.1.a, E.1.b, E.2.g – E.2.l	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ Other impacts:	X	<input type="checkbox"/>	<input type="checkbox"/>

SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
6 NYCRR Part 617
State Environmental Quality Review

**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.

**Determination of Significance
Type 1 and Unlisted Actions**

SEQR Status: Type I 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 _____ 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:

Name of Lead Agency:

Name of Responsible Officer in Lead Agency:

Title of Responsible Officer in Lead Agency:

Signature of Responsible Officer in Lead Agency:

Date:

Signature of Preparer (if different from Responsible Officer)

Date:

For Further Information:

Contact Person:

Address:

Telephone Number:

Email:

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 (Town/City/Village)

Other involved agencies (if any)

Applicant (if any)

Environmental Notice Bulletin: <http://www.dec.ny.gov/enb/enb.html>

**SUFFOLK COUNTY
ENVIRONMENTAL ASSESSMENT FORM**

**Appendix A
Suffolk County Historic Trust**

**Application for Determination of Appropriateness for Alteration to
Suffolk County Historic Trust Landmark or Site**

1. APPLICANT

Agency:
Contact Person:
Address:
Telephone:

2. PROPERTY

Structure Name:
Location:
Historic Trust Status: Designated; Eligible
Use Category:
Current Use:
Proposed Use:
Is the structure listed on or eligible for the National Register of Historic Places? Yes; No

3. PROPOSED WORK

Scope of Work:
Reason for Work:
Architect/Engineer:
Contractor:
Construction Schedule:

4. FUNDING

Estimated Cost of Project:
Source(s) of Funding:

5. PROPERTY HISTORY

Date of Original Construction:
Original Architect/Builder:
History of Use:
History of Alterations:

6. SUBMISSIONS (check all that apply)

<input type="checkbox"/> Map	<input type="checkbox"/> Specifications	<input type="checkbox"/> Samples
<input type="checkbox"/> Drawings	<input type="checkbox"/> Environmental Assessment Form	<input type="checkbox"/> Other:
<input type="checkbox"/> HP-1 Form	<input type="checkbox"/> Photographs	

7. RELATED INFORMATION AND COMMENT:

The Suffolk County Historic Trust is hereby requested to review the scope of work proposed for the above mentioned landmark structure, owned by the County of Suffolk, New York, to determine the appropriateness of design and/or use as regulated by the Suffolk County Charter. Design review guidelines have been made available for reference and it is understood that submission or approval of this application does not relieve applicant's responsibility for securing any and all other permits and approvals as required by law.

**SUFFOLK COUNTY
ENVIRONMENTAL ASSESSMENT FORM**

**Appendix B
Visual EAF Addendum**

This form may be used to provide additional information relating to Question 9 of Part 1 of the Full Environmental Assessment Form

VISIBILITY

1. Would the project be visible from:	Distance Between Project and Resource (in miles)				
	0 - ¼	¼ - ½	½ - 3	3-5	5+
a. A parcel of land which is dedicated to and available to the public for the use, enjoyment and appreciation of natural or man-made scenic qualities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. An overlook or parcel of land dedicated to public observation, enjoyment and appreciation of natural or man-made scenic qualities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. A site or structure listed on the National or State Registers of Historic Places	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. State Parks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. The State Forest Preserve	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. National Wildlife Refuges and State Game Refuges	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. National Natural Landmarks and other outstanding natural features	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. National Park Service lands	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Rivers designated as National or State Wild, Scenic or Recreational	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Any transportation corridor of high exposure, such as part of the Interstate System or Amtrak	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. A governmentally established or designated interstate or inter-county foot trail, or one formally proposed for establishment or designation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. A site, area, lake, reservoir or highway designated as scenic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. Municipal park or designated open space	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. County road	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. State road	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p. Local road	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Is the visibility of the project seasonal? (i.e., screened by summer foliage but visible during other seasons)

Yes No

3. Are any of the resources checked in question 1 used by the public during the time of year during which the project will be visible?

Yes No

DESCRIPTION OF EXISTING VISUAL ENVIRONMENT

4. From each item checked in question 1, check those which generally describe the surrounding environment.

	Within	
	¼ mile*	1 mile*
Essentially undeveloped	<input type="checkbox"/>	<input type="checkbox"/>
Forested	<input type="checkbox"/>	<input type="checkbox"/>
Agricultural	<input type="checkbox"/>	<input type="checkbox"/>
Suburban Residential	<input type="checkbox"/>	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	<input type="checkbox"/>
Commercial	<input type="checkbox"/>	<input type="checkbox"/>
Urban	<input type="checkbox"/>	<input type="checkbox"/>
River, Lake, Pond	<input type="checkbox"/>	<input type="checkbox"/>
Cliffs, Overlooks	<input type="checkbox"/>	<input type="checkbox"/>
Designated Open Space	<input type="checkbox"/>	<input type="checkbox"/>
Flat	<input type="checkbox"/>	<input type="checkbox"/>
Hilly	<input type="checkbox"/>	<input type="checkbox"/>
Mountainous	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>

NOTE: Add attachments as needed.

5. Are there visually similar projects within*:

½ mile: Yes No 1 mile: Yes No 2 miles: Yes No 3 miles: Yes No

* Distance from project site is provided for assistance. Substitute other distances as appropriate.

EXPOSURE

6. The annual number of viewers likely to observe the proposed project is:

NOTE: When user data is unavailable or unknown, use best estimate.

CONTEXT

7. The situation or activity in which the viewers are engaged while viewing the proposed action is:

Activity	Frequency			
	Daily	Weekly	Holidays/ Weekends	Seasonally
Travel to and from work	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Involved in recreational activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Routine travel by residents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At a residence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At worksite	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

List of Attachments

Attachment 1 Project Location map

Attachment 2 Land Use map

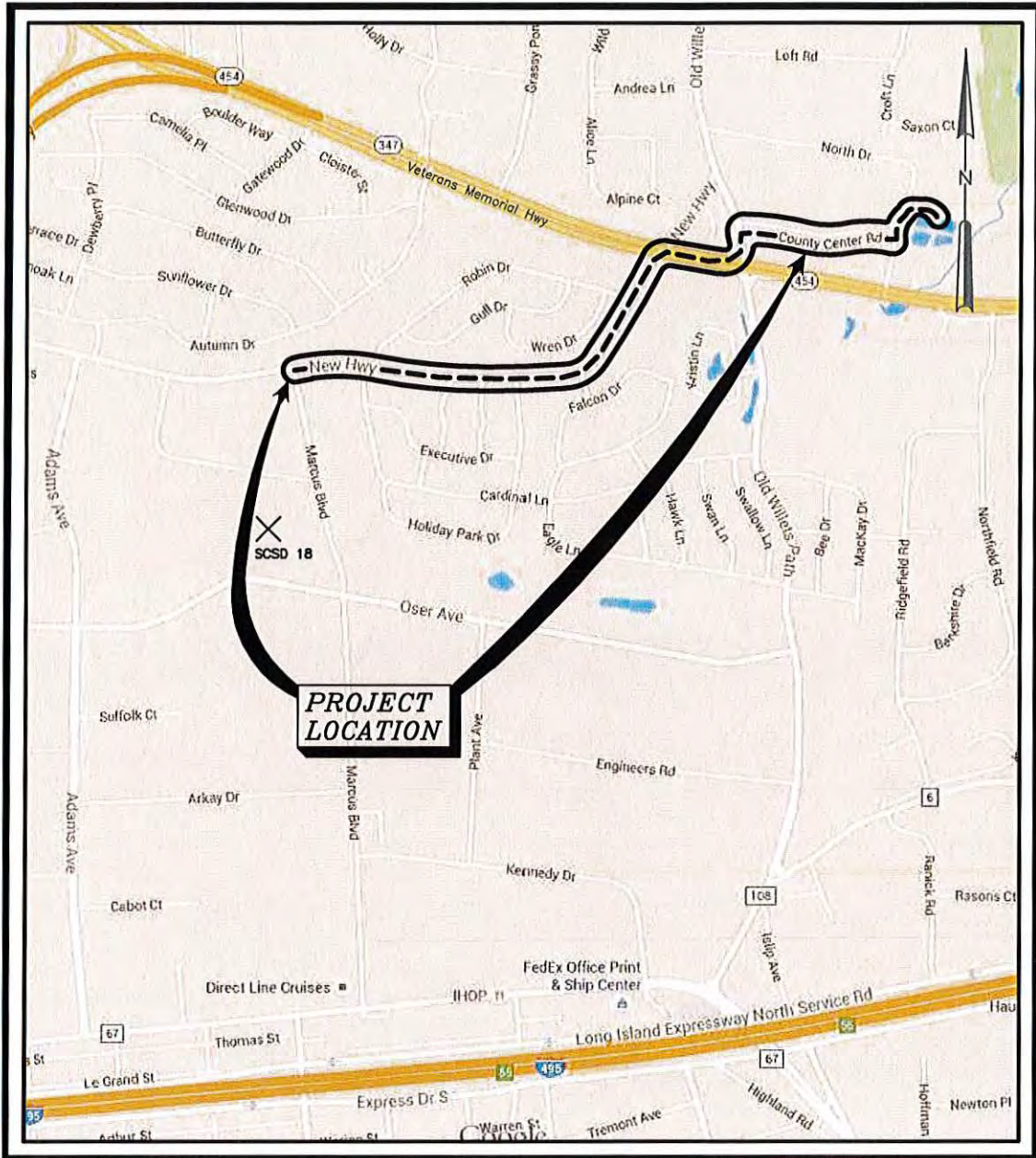
Attachment 3 Soils Map

Attachment 4 Topographic map

Attachment 5 Wetland Map

Attachment 6 Sensitive area for Archeological sites

ATTACHMENT 1 LOCATION MAP

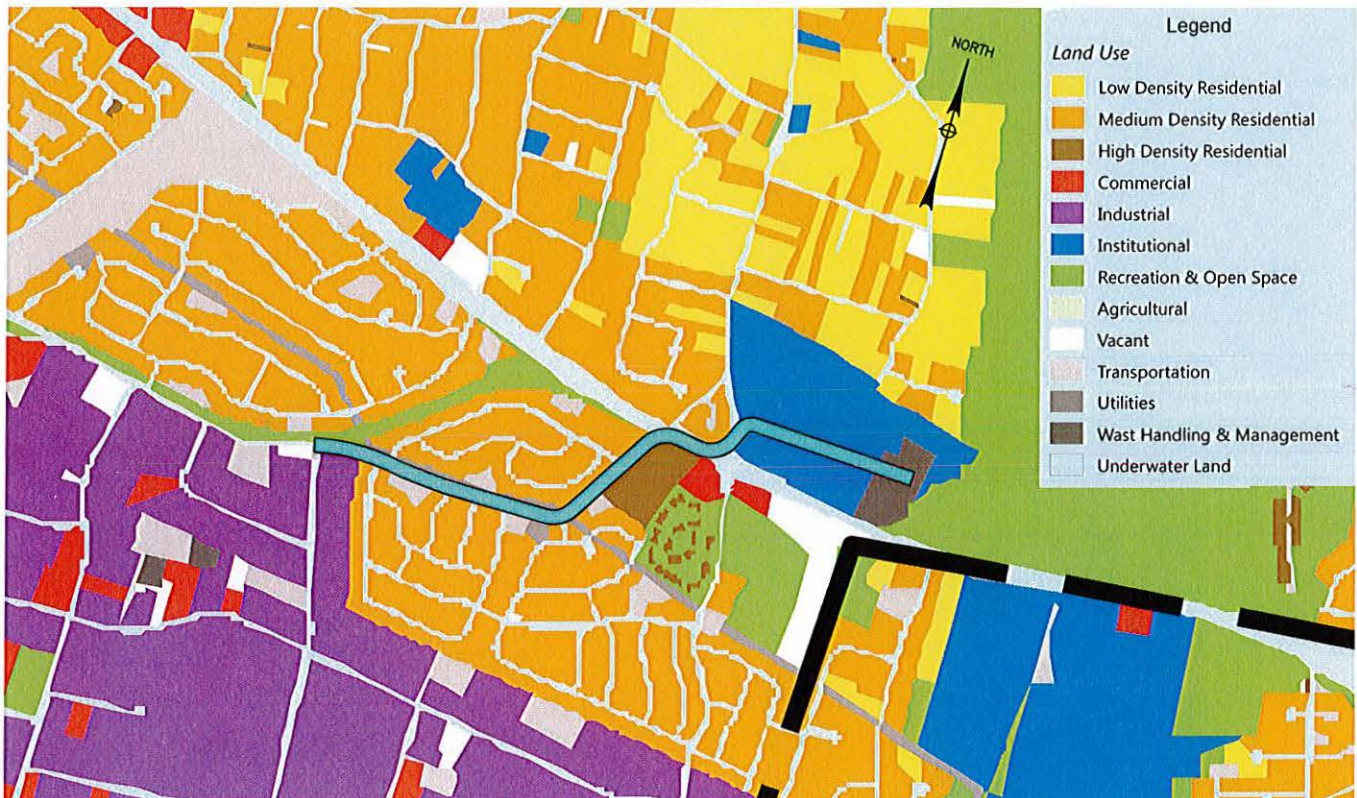


SCALE: APPROX. 1" = 1,500'



**SCSD22 HAUPPAUGE MUNICIPAL RECHARGE
FACILITIES CAPITAL PROJECT 8171**

ATTACHMENT 2 LAND USE MAP



SCALE: 1" = 1,400'

SCSD22 PROJECT PATH SHOWN IN CYAN



**SCSD22 HAUPPAUGE MUNICIPAL RECHARGE
FACILITIES CAPITAL PROJECT 8171**

ATTACHMENT 3

Soil Map—Suffolk County, New York
(scsd22)



Web Soil Survey
National Cooperative Soil Survey

SCSD22 PROJECT PATH SHOWN IN BLUE

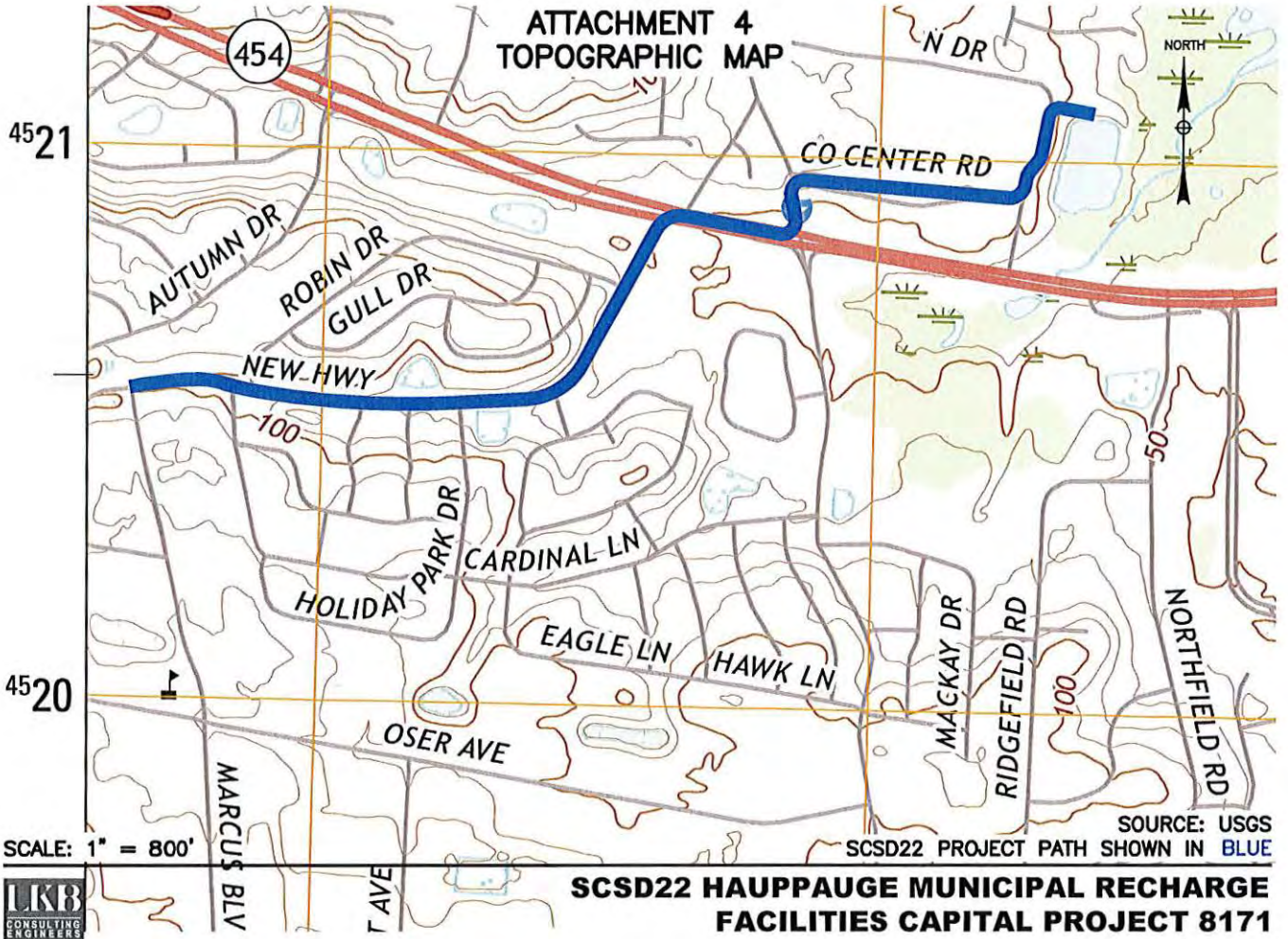
SCSD22 HAUPPAUGE MUNICIPAL RECHARGE FACILITIES CAPITAL PROJECT 8171

Map Scale: 1:7,370 (printed on B landscape (17" x 11") sheet)
0 100 200 400 600 800 Feet
Map projection: Web Mercator. Corner coordinates: WGS84. Edge tics: UTM Zone 18N WGS84

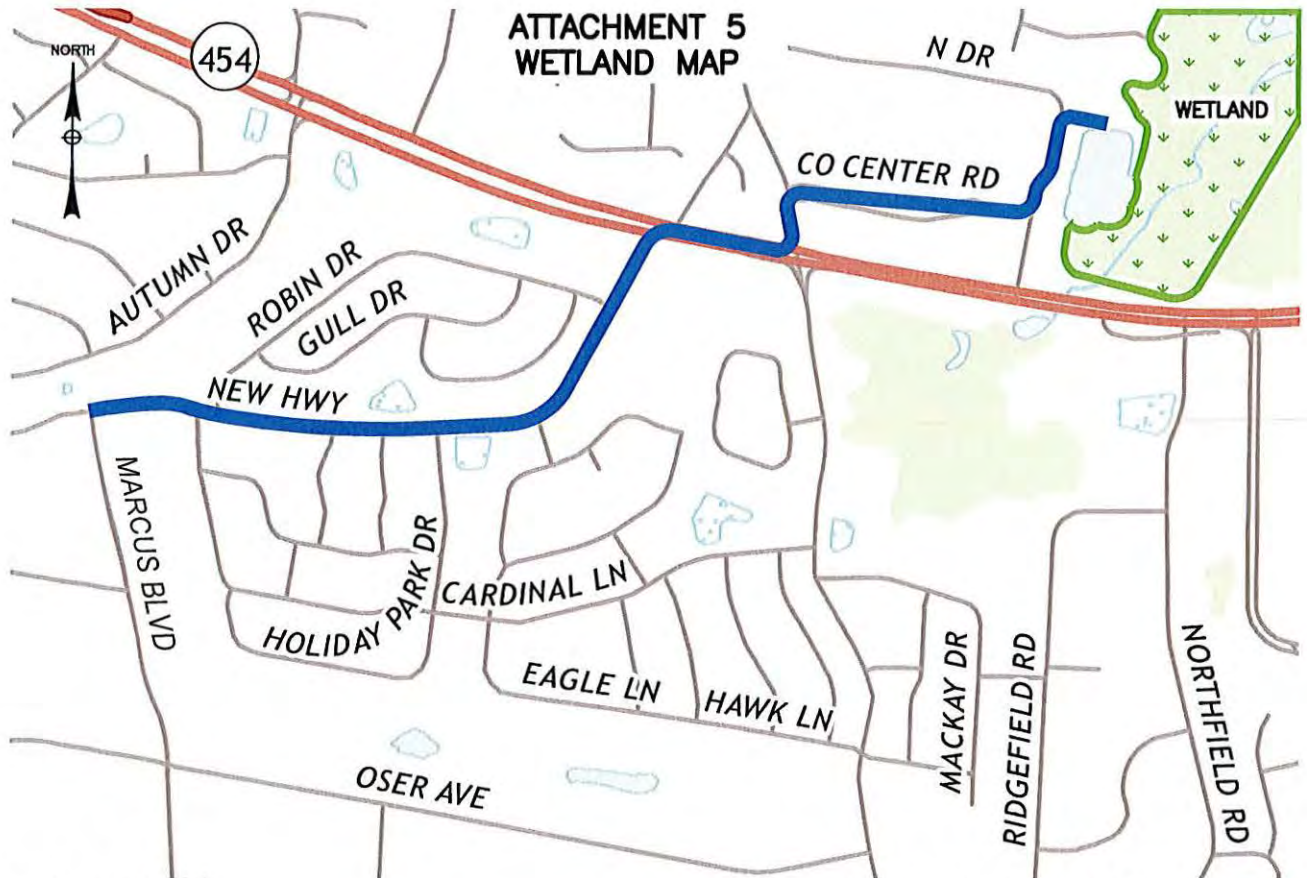
USDA
Natural Resources
Conservation Service



ATTACHMENT 4
TOPOGRAPHIC MAP



**SCSD22 HAUPPAUGE MUNICIPAL RECHARGE
FACILITIES CAPITAL PROJECT 8171**



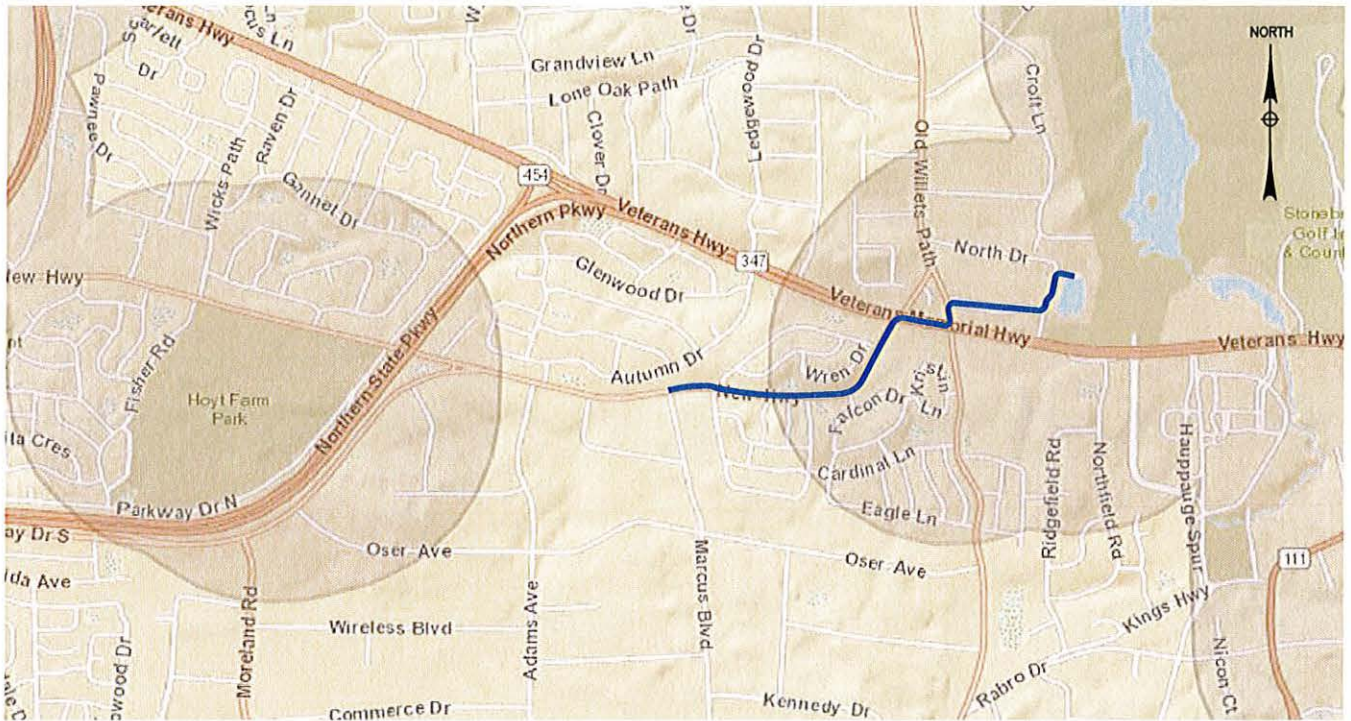
SCALE: 1" = 800'

SCSD22 PROJECT PATH SHOWN IN BLUE



SCSD22 HAUPPAUGE MUNICIPAL RECHARGE FACILITIES CAPITAL PROJECT 8171

ATTACHMENT 6 SENSITIVE AREA FOR ARCHEOLOGICAL SITES



= SENSITIVE AREA FOR ARCHEOLOGICAL SITES

SCALE: 1" = 2,000'

SOURCE: NYSOPRHP
CULTURAL RESOURCE INFORMATION SYSTEM
SCSD22 PROJECT PATH SHOWN IN BLUE



SCSD22 HAUPPAUGE MUNICIPAL RECHARGE FACILITIES CAPITAL PROJECT 8171