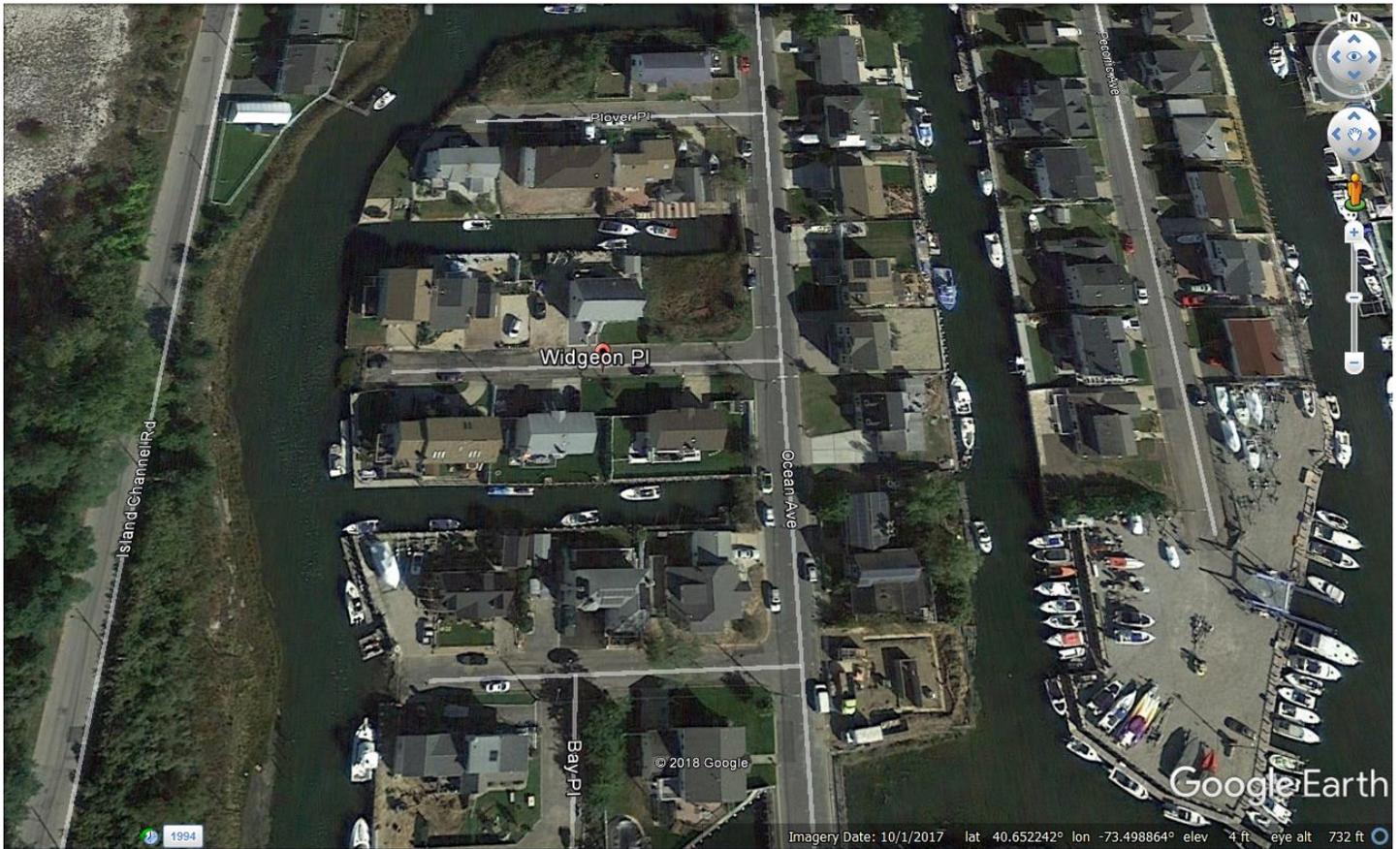


Seaford Road Raising, Seaford, Nassau County, NY
Environmental Assessment



New York State Homes and Community Renewal
Governor's Office of Storm Recovery

38-40 State Street
Albany, NY 12207

August 3, 2018

**Seaford Road Raising
Seaford, Nassau County, NY
Environmental Assessment**

August 3, 2018

Project Name: Seaford Road Raising

Project Location: Anglers Place, Widgeon Place, and Plover Place, Seaford, Nassau County, New York

Federal Agency: US Department of Housing and Urban Development

Responsible Entity: New York State Homes and Community Renewal

Responsible Agency's Certifying Officer: Lori A. Shirley, Certifying Environmental Officer, Governor's Office of Storm Recovery, 38-40 State Street, Albany, New York 12207
(518) 474-0755, Lori.Shirley@nyshcr.org

Project Sponsor: Town of Hempstead
Douglas Tuman, P.E.
Commissioner of Engineering
Town of Hempstead

Primary Contact: 350 Front Street
Hempstead, NY 11550
(516) 812-3484
dtuman@tohmail.org

Project NEPA Classification: 24 CFR 58.36 (Environmental Assessment)

Environmental Finding:	<input checked="" type="checkbox"/> Finding of No Significant Impact - The project will not result in a significant impact on the quality of the human environment.
	<input type="checkbox"/> Finding of Significant Impact - The project may significantly affect the quality of the human environment.
Certification	The undersigned hereby certifies that New York State Homes and Community Renewal has conducted an environmental review of the project identified above and prepared the attached environmental review record in compliance with all applicable provisions of the National Environmental Policy Act of 1969, as amended (42 USC Sec. 4321 et seq.) and its implementing regulations at 24 CFR Part 58.
Signature	 Lori A. Shirley

Environmental Assessment Prepared By: Alicia Shultz, GOSR, Senior Environmental Scientist

CERTIFICATION OF NEPA CLASSIFICATION

It is the finding of New York State Homes and Community Renewal's Housing Trust Fund Corporation that the activity(ies) proposed in its 2017 NYS CDBG-DR project, East Baldwin Road Raising, are:

Check the applicable classification.

- Exempt as defined in 24 CFR 58.34 (a).
- Categorically Excluded as defined in 24 CFR 58.35(b).
- Categorically Excluded as defined in 24 CFR 58.35(a) and no activities are affected by federal environmental statues and executive orders [i.e., exempt under 58.34(a)(12)].
- Categorically Excluded as defined in 24 CFR 58.35(a) and some activities are affected by federal environmental statues and executive orders.
- "Other" neither exempt (24 CFR 58.34(a)) nor categorically excluded (24 CFR 58.35).
- Part or all of the project is located in an area identified as a floodplain or wetland. For projects located in a floodplain or wetland, evidence of compliance with Executive Orders 11988 and/or 11990 is required.

For activities excluding those classified as "Other", attached is the appropriate Classification Checklist (Exhibit 2-4) that identifies each activity and the corresponding citation.



Signature of Certifying Officer
Lori A. Shirley
GOSR Certifying Officer

August 3, 2018

Date

CERTIFICATION OF SEQRA CLASSIFICATION

It is the finding of New York State Homes and Community Renewal's Housing Trust Fund Corporation that the activity(ies) proposed in its 2015 NYS CDBG-DR project, East Baldwin Road Raising constitute a:

Check the applicable classification:

- Type I Action (6NYCRR Section 617.4)
- Type II Action (6NYCRR Section 617.5)
- Unlisted Action (not Type I or Type II Action)

Check if applicable:

- Environmental Impact Statement (EIS)
 - Draft EIS
 - Final EIS



Signature of Certifying Officer
Lori A. Shirley
GOSR Certifying Officer

August 3, 2018

Date

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]:

The Town of Hempstead is proposing the raising and reconstruction of three local roads, Anglers Place, Widgeon Place, and Plover Place, located west of Ocean Avenue in the Census-Designated Place (CDP) of Seaford, Town of Hempstead, Nassau County, New York (see site plans in Attachment 1). These roads, like many in southern Nassau County, experienced severe rain and tidal flooding during Hurricane Irene and Superstorm Sandy. Since these storms, these streets have experienced an increase in observed monthly high tidal flooding. The proposed project will also implement improvements to the street-end bulkheads present on each of these three streets and the existing stormwater drainage systems. The proposed project will address roadway flooding and stormwater drainage issues in the project area that were exacerbated by Hurricane Irene and Superstorm Sandy, and will directly contribute to the rebuilding and recovery of the area with a focus on resiliency and mitigation.

The proposed project will involve the raising and reconstruction of three local roads abutting Ocean Avenue to the west, as well as the stormwater drainage system and street-end bulkhead improvements found at those roads (see Appendix A, Figures). Large sections of the existing roadways lie at or below elevation 4.50 National Geodetic Vertical Datum of 1929 (NVGD 29), making them susceptible to tidal and storm flooding. The reconstruction of these roads will establish minimum gutter elevations of 5.00 NVGD 29 to meet Federal Emergency Management Agency's (FEMA's) 10-year still-water level guidelines.

The proposed roadway improvements will include, but not be limited to, removal of the existing asphalt roadway surfaces; emplacement of fill and regrading; widening of roadways; installation or replacement of concrete curbs and sidewalks, valley gutters, and storm drain inlets; and site restoration. The existing stormwater drainage systems will be improved to enhance stormwater transport away from the residences in the area, and these improvements will include, but not be limited to, installation of check valves at outfalls, replacement or installation of subsurface stormwater drainage pipes, and modification of sanitary sewer manholes. In addition, the street-end bulkheads will be reconstructed to meet a minimum elevation of 7.50 NVGD 29 to further mitigate tidal flooding in the area. The work will be conducted in previously disturbed soils under roads and rights-of-way within a residential area.

Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]:

The purpose of the proposed project is to implement roadway, street-end bulkhead, and storm drainage system improvements to Anglers Place, Widgeon Place, and Plover Place to enhance the resiliency of an area that sustained extensive flooding during Hurricane Irene and Superstorm Sandy. Southern portions of Long Island, including the Project area in Seaford, experienced severe flooding and flood-related damage during these storms, which exacerbated the extent of monthly tidal flooding in the area since then. The proposed improvements to the roadways, bulkheads, and stormwater drainage systems in this area of Seaford will be completed as part of the Nassau County Road Raising projects. The proposed project will contribute to the rebuilding and recovery of the area by: reducing potential flood damage to homes, lawns and landscaping; minimizing the disruption of public services; and improving emergency response accessibility during high tides and storm events.

Existing Conditions and Trends [24 CFR 58.40(a)]:

The proposed project is located in Seaford, Town of Hempstead, Nassau County, New York. Seaford is a primarily residential area of Long Island, with a 2016 Census-estimated population of 15,781 individuals, and a predominantly Caucasian demographic makeup.

The three local roads of the proposed project, Anglers Place, Widgeon Place, and Plover Place, are dead-end residential streets that terminate at street-end bulkheads to the west and Ocean Avenue to the east (improvements will not be made to Ocean Avenue as a part of this Proposed Project scope). The proposed project area comprises approximately 0.20 acres and is within the 100-year floodplain. The three local roads are adjacent to NYSDEC Littoral Zone, and based on a preliminary environmental assessment site visit, there may be potential, wetlands within the Project footprint that have not been delineated.

Standard Conditions for All Projects

Any change to the approved scope of work will require re-evaluation by the Certifying Officer for compliance with the National Environmental Policy Act (NEPA), State Environmental Quality Review Act (SEQRA), and other laws and Executive Orders.

This review does not address all federal, state, and local requirements. Acceptance of federal funding requires the recipient to comply with all federal state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize federal funding.

Funding Information

Estimated Total HUD Funded Amount: \$\$2,500,000

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]:
\$2,500,000

Compliance with 24 CFR 58.5, and 58.6 Laws and Authorities

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits or approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

<p>Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6</p>	<p>Are formal compliance steps or mitigation required?</p>	<p>Compliance determinations</p>
<p>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 and 58.6</p>		
<p>Airport Hazards 24 CFR Part 51 Subpart D</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Based on guidance provided by HUD in Fact Sheet #D1, the National Plan of Integrated Airport Systems (NPIAS) was reviewed for civilian, commercial service airports within the vicinity of the project area. There will be no projects located within 2,500 feet of the only civilian, commercial service airport near the Program area, John F. Kennedy Airport. There are no military airports located within 15,000 feet of the sites (Appendix A, Figures).</p> <p>https://www.michigan.gov/documents/mshda/mshda_cd_nsp2_air_accident_315724_7.pdf</p>
<p>Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Based on the United States Fish and Wildlife Service (USFWS) Coastal Barrier Resources System (CBRS) Map, the project sites are not located in CBRS (Appendix A, Figures).</p> <p>https://www.fws.gov/ecological-services/habitat-conservation/cbra/Maps/index.html</p>
<p>Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]</p>	<p>Yes No <input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Proof of National Flood Insurance Program (NFIP) insurance is <u>not</u> required as the Program does <u>not</u> involve insurable structures.</p> <p>https://msc.fema.gov/portal</p>

STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5

Clean Air

Clean Air Act, as amended,
particularly section 176(c) & (d);
40 CFR Parts 6, 51, 93

Yes No

The Project area is located in Nassau County which is a moderate non-attainment area for 8-hour Ozone and a maintenance area for inhalable Particulate Matter (PM 2.5) and Carbon Monoxide. A temporary increase in emissions will result from equipment used during construction, however, no permanent increased emissions will result through this Program which is aimed at flood mitigation through road raising, drainage improvements, and bulkhead installation, repair or reconstruction. Therefore, a conformity and screening analysis was performed according to the requirements of 40 CFR 93, Subpart B (federal general conformity regulations). The screening analysis assumed that the emissions intensity per expenditure (tons per dollar) for the proposed project will be similar to the average intensity of the construction sector in the county. The proposed project with a projected construction expenditure substantially lower than the average construction de minimis expenditure will not exceed de minimis emissions levels for general conformity purposes.

Based on the screening analysis, the construction expenditure threshold for Nassau County is \$410 million before a project may be expected to exceed the de minimis expenditure thresholds requiring further analysis or conformity determination (**Appendix B**). The estimated construction cost of the Program is approximately \$1 million, which is less than the \$410 million threshold; thus, further analysis is not required for a conformity determination.

Construction will not generate significant levels of vehicular traffic; therefore, no exceedances of the National Ambient Air Quality Standard (NAAQS) associated with carbon monoxide (CO) or particulate matter (PM) is anticipated occur. No siting of any new source of air pollutants is proposed and the project activities will not adversely affect the State Implementation Plan (SIP). Any air quality impacts will be short-term

and localized during construction and, therefore, no significant adverse impacts to air quality are anticipated. Additionally, the following measures are recommended:

Idling Restriction. In addition to adhering to the local law restricting unnecessary idling on roadways, on-site vehicle idle time will also be restricted to five minutes for all equipment and vehicles that are not using their engines to operate a loading, unloading, or processing device (e.g., concrete mixing trucks) or otherwise required for the proper operation of the engine.

Utilization of Newer Equipment. EPA's Tier 1 through 4 standards for non-road engines regulates the emission of criteria pollutants from new engines, including PM, CO, NOx, and hydrocarbons (HC). All non-road construction equipment with a power rating of 50 horsepower (hp) or greater will meet emissions standard to the extent practicable.

Best Available Tailpipe Reduction Technologies. Non-road diesel engines with a power rating of 50 hp or greater and controlled truck fleets (i.e., truck fleets under long-term contract with the Project) including but not limited to concrete mixing and pumping trucks will utilize the best available tailpipe (BAT) technology for reducing DPM emissions. Diesel particulate filters (DPFs) have been identified as being the tailpipe technology currently proven to have the highest reduction capability. Construction contracts will specify that all diesel non-road engines rated at 50 hp or greater will utilize DPFs, either installed by the original equipment manufacturer (OEM) or retrofitted. Retrofitted DPFs must be verified by EPA or the California Air Resources Board (CARB). Active DPFs or other technologies proven to achieve an equivalent reduction may also be used.

EPA, *Nonattainment Areas for Criteria Pollutants*
<https://www.epa.gov/green-book>

		<p>Ozone specific: https://www3.epa.gov/airquality/greenbook/hbca.html#Ozone_8-hr.2008.New_York</p> <p>EPA, <i>Recent Updates: Federal Register Notices Published or Effective After May 31, 2018</i> http://www.epa.gov/airquality/greenbook/adden.html</p>
<p>Coastal Zone Management</p> <p>Coastal Zone Management Act, sections 307(c) & (d)</p>	<p>Yes No</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>The project area is located within the New York State (NYS) Coastal Boundary, Long Island Sound Coastal Management Program's (LIS CMP) Long Island South Shore Estuary Reserve Comprehensive Management Plan area, and in approved Local Waterfront Revitalization Program (LWRP) areas (Appendix C). A Federal Consistency Assessment Form (FCAF) was submitted to the NYS Department of State (DOS) for confirmation that the project meets their general consistency concurrence criteria. NYS DOS responded that the proposal meets the Department's general consistency concurrence criteria (Appendix C). The consistency review was completed as part the joint permit application to US Army Corps of Engineers (ACOE), New York State Department of Environmental Conservation (NYS DEC), and the Town of Hempstead. Attachment 2 provides documentation completed for the required permits.</p> <p>www.dos.ny.gov/opd/atlas/index.html – NYS Coastal Boundary Map</p> <p>www.dos.ny.gov/opd/programs/pdfs/Consistency/FCAF_fillable.pdf – FCAF</p> <p>http://www.dec.ny.gov/docs/permits_ej_operations_pdf/jntappinstruc.pdf – Joint Application Instructions</p> <p>https://www.dos.ny.gov/opd/programs/WFRevitalization/longisland.html#lis - LIS CMP</p> <p>https://www.dos.ny.gov/opd/programs/WFRevitalization/LWRP_status.html – NYS DOS Approved LWRPs</p>

Contamination and Toxic Substances

24 CFR Part 50.3(i) & 58.5(i)(2)

Yes No

It is HUD policy, as described in 24 CFR Part 50.3(i) and 24 CFR 58.5(i)(2), that “all property proposed for use in HUD programs be free of hazardous materials, contamination, toxic chemicals and gasses, and radioactive substances, where a hazard could affect the health and safety of occupants or conflict with the intended utilization of the property.” (See 24 CFR 50.3(i)(1).)

Since the Program is aimed at flood mitigation through road raising, drainage improvements, and bulkhead installation, repair or reconstruction at roads in developed, residential neighborhoods and/or commercial/ industrial areas, hazards are not anticipated to affect the health and safety of occupants or conflict with the intended utilization of the project site for its current use.

The EPA and NYSDEC data bases were accessed to records of sources of hazardous materials, contamination, toxic chemicals and gasses, and radioactive substances. Several EPA permitted facilities were identified within a mile radius of the project area. These facilities do not pose a threat to the health and safety of occupants or conflict with the intended utilization of the property. One facility was found to be in violation of an air permit which does not pose a threat to the health and safety of occupants or conflict with the intended utilization of the property. See **Attachment 3** for a summary of those facilities.

Appendix A provides a figure showing the location of a bulk storage petroleum facility and NYSDEC environmental remediation sites. One NYSDEC remediation site was found. The remediation was completed in 1996; no known residual environmental issues. One petroleum storage facility was identified west of the project area. This facility has no know releases that would be a threat to the health and safety of occupants or conflict with the intended utilization of the property.

Endangered Species

Endangered Species Act of 1973,
particularly section 7; 50 CFR
Part 402

Yes No

On July 10, 2018, a formal request was submitted to the NYSDEC Natural Heritage Program (NHP) for records of threatened or endangered species in the Program area. No State species were identified. Additionally, no rare or state-listed bat species were identified in project area. NYSDEC responded that there are no records of concern of rare or state-listed animals or plants, or significant natural communities at the project site or in its immediate vicinity. (**Appendix D, NHP Correspondence**).

The USFWS lists the following species as having the potential to occur within the Program area:

- Endangered Species:
- Roseate Tern (*Sterna dougallii dougallii*)
 - Sandplain Gerardia (*Agalinis acut*)
- Threatened Species:
- Piping Plover (*Charadrius melodus*)
 - Red Knot (*Calidris canutus rufa*)
 - Seabeach Amaranth (*Amaranthus pumilus*)
 - Northern Long-eared Bat (*Myotis septentrionalis*)

The project activities will have no effect on these species because the actions will have no impact on the habitat in which they depend. The project area is developed with roads, homes and infrastructure that does not provide habitat for these species.

According to the USFWS Resource List, there are bird species protected by the Migratory Birds Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) that could potentially be affected by project activities (**Appendix E**). However, the project will raise and reconstruct various roads and construct drainage improvements in developed, well-established, residential neighborhoods that does not provide suitable habitat for migratory birds. It is anticipated that any transient passerine birds that may be potentially be located in the vicinity of the project area during

		<p>construction will temporarily leave the area due to noise and disturbance.</p> <p>On July 10, 2018, a No Effect Determination was sent to the USFWS (Appendix E).</p> <p>The project area is located in substantially developed areas, with no contiguous forested/ wooded habitat. Additionally, there are no records of rare or state-listed animals or plants, or significant natural communities anticipated in the vicinity of the project area. As such, the proposed action will have no effects on the above species.</p> <p>The National Marine Fisheries Service (NMFS) lists the following species for the Greater Atlantic Region:</p> <p>Sea Turtles</p> <ul style="list-style-type: none">• Loggerhead Turtle (<i>Caretta caretta</i>)• Kemp's Ridley Turtle (<i>Lepidochelys kempii</i>)• Green Turtle (<i>Chelonia mydas</i>)• Hawksbill Turtle (<i>Eretmochelys imbricata</i>)• Leatherback Turtle (<i>Dermochelys coriacea</i>) <p>Fish</p> <ul style="list-style-type: none">• Atlantic Sturgeon (<i>Acipenser oxyrinchus oxyrinchus</i>) <p>A Memorandum of No Effect and a NOAA Essential Fish Habitat Assessment Worksheet was prepared regarding the marine species listed by the NMFS which are located within the Nassau County Road Raising Projects area for which the Seaford Road Raising project is part of (Appendix F). The Seaford Road Raising project area is located in developed areas with bulkhead installation, repair or reconstruction occurring, as needed, mainly at the street-ends along the canals. In general, the shoreline in the vicinity of the project areas is bulkheaded and highly developed. There is no critical habitat for ESA species under NMFS jurisdiction anticipated within the project area (Appendix F). After a review of the project in relation to the</p>
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		<p>aforementioned species' breeding, foraging, and habitat requirements, it was concluded that the proposed project activities will not directly or indirectly affect any ESA species under NMFS jurisdiction (Appendix F).</p> <p>A Memorandum of No Effect and a NOAA Essential Fish Habitat Assessment Worksheet were prepared regarding the marine species listed by the NMFS which are located within the Nassau County Road Raising Projects area for which the Seaford Road Raising project is part of (Appendix G). The Seaford Road Raising project area is located in developed areas with bulkhead installation, repair or reconstruction occurring, as needed, mainly at the street-ends along the canals. In general, the shoreline in the vicinity of the project area is bulkheaded and highly developed. There is no critical habitat for ESA species under NMFS jurisdiction anticipated within each project area. After a review of the project in relation to the aforementioned species' breeding, foraging, and habitat requirements, it was concluded that the proposed project activities will not directly or indirectly affect any ESA species under NMFS jurisdiction (Appendix G).</p>
<p>Explosive and Flammable Hazards</p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Not applicable. This criterion is applicable to HUD-assisted projects that involve new residential construction, conversion of non-residential buildings to residential use, rehabilitation of residential properties that increase the number of units, or restoration of abandoned properties to habitable condition. The project does not include these activities. Further, the project does not involve the introduction of bulk storage of hazardous materials</p>
<p>Farmlands Protection</p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Not applicable. This criterion is applicable to HUD-assisted projects that involve new residential construction, conversion of non-residential buildings to residential use, rehabilitation of residential properties that increase the number of units, or restoration of abandoned properties to habitable condition. The project does not include these activities.</p>

<p>Floodplain Management</p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes No</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>A 5-step Floodplain Management Plan pursuant to 24 CFR 55.20 was completed (See Appendix H). Pursuant to 24 CFR §55.12(a)(4), steps 2, 3, and 7 of the 8-step process for floodplain management do not apply to projects involving the improvement of existing nonresidential buildings and structures, in communities that are in the Regular Program of the National Flood Insurance Program (NFIP) and are in good standing, provided that the action does not meet the thresholds for “substantial improvement” under §55.2(b)(10) and that the footprint of the structure and paved areas is not significantly increased. Roads and bulkheads are not an insurable structure under the NFIP. Approximately 0.28 acres of floodplain will be disturbed and the bulkhead, which is located in wetland, will be replaced within the same footprint. GOSR has determined that the proposed project will have no direct or indirect adverse impacts to the floodplain or waterway and decided to proceed with the proposed project. project implementation is conditioned upon issuance of applicable local, state and federal permits and the project will be constructed in accordance with the permit conditions, as regulated by the ACOE, NYSDEC and municipality. Attachment 2 provides the permit documentation obtained to date.</p>
<p>Historic Preservation</p> <p>National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800; Tribal notification for new ground disturbance.</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>A consultation letter was sent to the New York State Office of Parks, Recreation and Historic Preservation (SHPO) on July 11, 2018. A response was received on July 11, 2018 which stated that SHPO has determined that no historic properties will be affected by this undertaking (Appendix I). The project does not include ground disturbance. Therefore, no consultations were sent to tribes.</p>
<p>Noise Abatement and Control</p> <p>Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project is not proposing any actions that include a noise-sensitive use. The proposed activities are not expected to generate excessive noise during the short-term construction work and will adhere to local noise control standards. The proposed project will be completed in accordance with all applicable federal, state and local permit requirements and</p>

		conditions. Therefore, the project activities will not generate any significant adverse noise impacts.
<p>Sole Source Aquifers</p> <p>Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project activities are located within the surficial boundaries of the Nassau/Suffolk Sole Source Aquifer (SSA) (Appendix J). The project activities include road raising, drainage improvements, and bulkhead installation, repair and reconstruction at roads in developed residential neighborhoods where water services have already been established, and no effect is anticipated on sole source aquifers.</p> <p>The Program activities were reviewed according to the non-housing project activity initial screen criteria form included in Appendix J. A formal sole source aquifer review and consultation with the EPA is not required.</p> <p>http://www.nassaucountyny.gov/3054/11581/Ground-Water-Protection</p>
<p>Wetlands Protection</p> <p>Executive Order 11990, particularly sections 2 and 5</p>	<p>Yes No</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>The project includes installation 35 linear feet of knee wall (bulkhead) directly behind curb for shoreline stabilization and erosion control, install new outfall and re-grade road to eliminate roadway surface drainage into canal, install lawn drains and repair curbs & gutters. All construction will be done in strict conformance with the NYSDEC permit conditions that area protective of wetlands. Attachment 2 provides the permit documentation obtained to date.</p> <p>The 5-step decision making process was completed as required for compliance with Executive Order (EO) 11990 Protection of Wetlands (See Appendix H). The bulkhead is located in a wetland will be replaced within the same footprint at a higher elevation. Therefore, no new impacts will result from the bulkhead replacement. Additionally, all work will be completed in accordance with wetland measures described in the local, state and federal permits.</p>
<p>Wild and Scenic Rivers</p> <p>Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Not applicable. There are no wild and scenic rivers located within Nassau County, as designated by the U.S. Department of the Interior, Congress or NYSDEC or included in the National Wild and Scenic Rivers System or Nationwide Rivers Inventory (NRI) (Appendix A).</p>

<http://www.rivers.gov/new-york.php>

ENVIRONMENTAL JUSTICE

Environmental Justice

Executive Order 12898

Yes No

The project area is not located within an environmental justice area. The project activities aim to reduce flooding in low-lying areas, roadways and evacuation routes, as well as prevent tidal waters from entering and/or overwhelming existing and new storm water conveyances and will not have an adverse impact on low-income and/or minority communities. Therefore, the project will not contribute to, or promote, environmental injustice.

<http://www.dec.ny.gov/public/899.html>

Environmental Assessment Factors [24 CFR 58.40; Ref. 40 CFR 1508.8 &1508.27] Recorded below is the qualitative and quantitative significance of the effects of the proposal on the character, features and resources of the project area. Each factor has been evaluated and documented, as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in support of each determination, as appropriate. Credible, traceable and supportive source documentation for each authority has been provided. Where applicable, the necessary reviews or consultations have been completed and applicable permits or approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. **All conditions, attenuation or mitigation measures have been clearly identified.**

Impact Codes: Use an impact code from the following list to make the determination of impact for each factor.

- (1) Minor beneficial impact
- (2) No impact anticipated
- (3) Minor Adverse Impact – May require mitigation
- (4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	<p>The project activities propose to raise and reconstruct three roads and complete drainage improvements in developed, well-established, residential neighborhoods. According to the Nassau County Master Plan Update (2008), “[t]he County highway system consists of over 4,000 miles of paved roads including parkways, highways, major and minor arterials, collector streets, and local streets, which are owned and maintained by different levels of government. The eight-major east-west roadways that provide direct through service to New York City and Suffolk County include Northern Boulevard, Long Island Expressway, Northern State Parkway, Jericho Turnpike, Hempstead Turnpike, Southern State Parkway, Sunrise Highway, and Merrick Road.” Ultimately, the project activity will improve public access to these major evacuation roadways during and after high tides and future storm events by addressing identified flooding and drainage issues.¹</p> <p>According to the Draft 2010 Nassau County Master Plan, “[t]he quality and efficiency of Nassau’s roadways, transit systems, pedestrian and bike networks, and power facilities, will have a major impact on its</p>

¹ As identified in NYRCR Plans and documentation including the Oceanside Drainage Improvements, Application for Funding, and NY State CDBG-DR Program, Application for Funding, Bellmore/Merrick/Seaford/Wantagh Road Raising and Drainage Improvements, March 2017

	<p>ability to achieve a sustainable future.” The Draft Master Plan recognizes the importance of “[m]easures to address non-recurring traffic congestion due to accidents, construction, weather, etc. include traffic incident management and road repair management.” It also noted that, “Nassau’s infrastructure is the foundation that underpins its economy. Sound transportation, energy and school systems are essential to achieving this Master Plan’s overarching goal of reducing property taxes. While these systems have long served the County in their current form, in order for Nassau to remain competitive in the 21st century they must evolve to address pressing economic, environmental and educational needs.” The Program is aimed at flood mitigation through road raising, drainage improvements, and bulkhead installation, repair or reconstruction. The Program will continue the existing land use at the individual project sites and will be in accordance with the Nassau County Master Plan and local zoning regulations.</p> <p>It is noted that land use actions within 500 feet of State and County roads and rights-of-way, State and County public institutional uses, county drainage features and municipal boundaries, and county waterway or drainage facility actions must be referred to the Nassau County Planning Commission, which is advisory. In reviewing actions, the Nassau County Planning Commission evaluates the impact of the action relative to compatibility of land uses and community/ neighborhood character, traffic/ safety, community facilities, and drainage. The Commission’s role in zoning is advisory in nature and it may recommend actions, such as: local determination (defer to municipality), modification, approval or denial. The referring municipality requires a majority plus one in order to overturn a Planning Commission recommendation.</p> <p>The project activities to not propose a change to the existing land use or zoning for the individual project sites and will not alter the character of the community or residential or commercial density. Residential and commercial infrastructure in these neighborhoods will not be adversely affected but rather improved to reduce flooding, increase drainage capacity, and build resiliency for future storm events. The Nassau County Comprehensive Plan acknowledges that strong infrastructure is fundamental to the County’s stability and growth, and it identifies coastal flooding and damage to shoreline infrastructure as a concern.</p> <p>The project activities will enhance public access throughout the project area by creating more reliable and resilient travel routes. The project activities are intended to provide enhanced flood, hurricane and stormwater control, and increase the economic and environmental resiliency of these affected communities to future climate-related events. Additionally, as noted in the Seaford-Wantagh</p>
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		<p>NYRCR Plan, “[t]his investment will bring existing infrastructure into a state of good repair and offer another line of defense against flooding from rainfall, storm surge, and high tide. This line of defense will directly protect roads, helping to provide reliable performance on a day-to-day basis. This project will improve access to transportation routes for the local community, provide greater protection for property in vulnerable areas, and reduce the harm caused by storm events.”² Furthermore, the Program’s “[d]rainage improvements will protect life and property during extreme weather events, protect and secure evacuation access routes, and enable better emergency access to critical services (food and pharmacies).³</p> <p>The project activities will be completed in accordance with BMPs and all applicable federal, state, and local permits and their requirements and conditions, which will be obtained prior to commencing work. Thus, the individual projects will incorporate mitigative measures and BMPs to reduce construction-related pollutants and similar concerns identified in the LIS CMP.</p> <p>Seaford-Wantagh NYRCR Plan. https://stormrecovery.ny.gov/nyrcr/final-plans</p> <p>Nassau County Master Plan Update (2008). https://www.nassaucountyny.gov/DocumentCenter/View/2776</p> <p>2010 Draft Nassau County Master Plan. https://www.nassaucountyny.gov/DocumentCenter/View/1194</p> <p>Nassau County Comprehensive Plan, December 1998. https://www.nassaucountyny.gov/DocumentCenter/View/2775</p> <p>Nassau County Planning Commission. https://archive.nassaucountyny.gov/agencies/Planning/index.html</p> <p>LIS CMP, April 25, 2001. http://www.dos.ny.gov/opd/sser/pdf/Full%20CMP%20Document.pdf</p>
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	1	<p>Per the USGS Topographic Map, the project area is primarily located in an area of little to no slope (Appendix A). The project activities will not significantly alter the slope of the project area.</p> <p>The U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) provides map information on soil types</p>

² Seaford-Wantagh NYRCR Plan, March 2014, at https://stormrecovery.ny.gov/sites/default/files/crp/community/documents/seaford-wantagh_nyrcr_plan.pdf

³ NY State CDBG-DR Program, Application for Funding, Bellmore/Merrick/Seaford/Wantagh Road Raising and Drainage Improvements, March 2017

		<p>and their properties that can influence the development of building sites and is intended for land use planning, evaluating land use alternatives, and for planning site investigations prior to design and construction). The NRCS Soil Survey showed that the project area consists primarily of Urban Land that is Not Rated (Appendix A).</p> <p>Permitting will mitigate any potentially adverse effects that could result from marginal soil properties.</p> <p>The project design is designed to be to elevation design standards and adapted to address impacts of climate change. Impervious area is not anticipated to increase significantly. The project activities will elevate three roadways, along with bulkheads and drainage systems. The target elevation for road elevation areas is USGS Moderate Coastal Flood Elevation which is 1 foot higher than Spring High Water (Full and New Moon Cycles) Elevations with a target of 4.25 1929 Datum or 3.10 1988 Datum.</p> <p>The existing yards and driveways will be rebuilt with clean fill, as needed, to slope up to the new road level. The improved roads will have new storm drain inlets installed at property frontages. New storm drain inlets will be added to the front of the properties to enhance the performance of the existing system, and catch basin inserts will be installed to trap pollutants and improve stormwater discharge water quality. Check valves will be installed to prevent tidal water from entering the system through the outfalls.</p> <p>Storm water runoff generated will be directed to on-site storm water treatment facilities in accordance with the NYSDEC Stormwater Management Design Manual and Chapter 8 of the NYSDOT Highway Design manual. Appropriate soil erosion and sediment control best management practices will be implemented during construction activities.</p> <p>A NYSDEC State Pollution Discharge Elimination System (SPDES) General Permit for Stormwater Discharges from construction activity may be needed if greater than one acre is disturbed. If the project footprint disturbs greater than one acre, then a SPDES General Permit for Stormwater Discharges will be obtained for the construction activities, in accordance with Section 402 of the Clean Water Act that requires authorization by a National Pollutant Discharge Elimination System (NPDES) permit or by a state permit program. The SPDES is a NPDES-approved program with permits issued in accordance with the Environmental Conservation Law (ECL). Coverage under NYSDEC GP-15-002 will be obtained prior to the commencement of construction activity. Attachment 3 provides the permit documentation obtained to date.</p>
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		<p>Depending on the project site, conditions and activities, mitigative measures and BMPs will be utilized during construction including, but not limited to, installing temporary silt fencing on land to prevent soil and/or debris from being washed off-site and installing turbidity curtains in the water to minimize sediment transportation from the area of disturbance to the larger body of water per individual project's soil erosion control plan. The soils at the project sites will not limit the construction activities and designs. No potential undesirable impacts are anticipated and the area should be improved in terms of its landscape and stability upon completion of the projects.</p> <p>The project activities will be completed in accordance with BMPs and all applicable federal, state, and local permits and their requirements and conditions, which will be obtained prior to commencing work. No potential undesirable impacts are anticipated and the individual project sites should be improved in terms of its slope, stability and drainage through the course of the projects. Thus, no potential impacts from the Program are anticipated.</p> <p>The applicant has obtained the following permits:</p> <p style="padding-left: 40px;">NYSDEC Tidal Wetlands – Under Article 25</p> <p style="padding-left: 40px;">NYSDEC Excavation & Fill in Navigable Waters – Under Article 15, Title 45</p> <p style="padding-left: 40px;">NYSDEC Water Quality Certification - Under Section 401 – Clean Water Act</p> <p style="padding-left: 40px;">A permit is needed from the Town of Hempstead.</p> <p>Attachment 2 provides the permit documentation obtained to date.</p>
Hazards and Nuisances including Site Safety and Noise	2	<p>The Project is in a 100-year flood hazard area. No other known natural hazards, including earthquake fault zones, landslide zones, or hazardous terrain, are at or near the Project site.</p> <p>The Project will generate noise during construction. Noise effects on the surrounding residential community will be short term and limited in scope. A noise mitigation plan will be developed prior to construction to minimize noise effects. Project construction will follow the provisions of the Town of Hempstead code, Chapter 144, Unreasonable Noise. Mitigation measures could include but will not be limited to restricting the time and duration of construction activities during the day and week, phasing of construction, perimeter barriers, quieter models of equipment, and use of mufflers or other sound-dissipative devices on construction equipment.</p>
Energy Consumption	2	<p>The Program is aimed at flood mitigation through road raising, drainage improvements, and bulkhead installation, repair or</p>

	reconstruction, and will not cause an increase in long-term energy consumption. The Program will cause a temporary increase in energy consumption in the form of fossil fuels for construction equipment and material shipments necessary for project site construction activities. However, the Program will not increase long-term energy consumption.
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Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	2	The project will not adversely affect employment opportunities or income patterns, will not impact traffic and potential customer access to residences and businesses in the area, either during construction or operation. Rather, the project will make roads and intersections passable during and after high tide and future storm events, which currently results in road closures and obstructed access to homes, businesses, and public facilities. In addition, the project will decrease the vulnerability faced by the communities in managing tidal flow, retaining stormwater, and improving access to roads during/after future storm events and tidal flooding. The project “will lessen the likelihood of businesses closing due to flooding thus decreasing the chances of employee layoffs. Risk of damages or loss to personal and public property will also decrease, and post-disaster recovery will be quicker.” ⁴ Economic benefits will include improvements in local property values. ⁵
Demographic Character Changes, Displacement	2	The project will not cause any change in the demographic character of the area or displace populations. The project does not involve residential development activities. Further, the project does not present the potential to cause the displacement of individuals or families, destroy jobs, local businesses or public community facilities, or disproportionately affect particular populations. Rather, the project is aimed at flood mitigation through road raising, drainage improvements, and bulkhead installation, repair or reconstruction, and will enhance the quality of life of residents whose lives are disrupted by flooded roads and improve access to homes, businesses and public facilities. According to the Seaford/ Wantagh NYRCR Plan, the Seaford and Wantagh road raising projects will aim to “rebuild local streets” at “higher elevation to alleviate monthly spring tide flooding” in the area,

⁴ Bellmore/Merrick and Seaford-Wantagh NYRCR Plans, <https://stormrecovery.ny.gov/nyrcr/final-plans>

⁵ Seaford-Wantagh NYRCR Plan, March 2014, at

https://stormrecovery.ny.gov/sites/default/files/crp/community/documents/seaford-wantagh_nyrcr_plan.pdf

		help protect private properties from exposure to tidal flows, reduce the vulnerability of assets to the impacts of the 100-year storm, and create resiliency during future flooding events for the community.
Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	The project will not introduce any new populations that will increase the student population of the area. As such, the project will not have an impact on educational or cultural facilities. Some communities in the project area experience school closures and bus rerouting due to floodwaters blocking school entrances, intersections and bus routes. This project aims to mitigate roadway flooding that is experienced in these communities.
Commercial Facilities	2	The project will not introduce any new development that will require additional retail services or other commercial facilities or have an adverse effect on commercial facilities and businesses in the area, either during construction or operation. Rather, the project will make roads and intersections passable during and after high tide and future storm events, which will improve access to homes and commercial facilities. Also, there will be less business closures due to flood damages incurred at personal and public properties and assets. The improvements will lessen the likelihood of businesses closing due to flooding, thus, decreasing the chances of employee layoffs.
Health Care and Social Services	2	The project will not introduce any new development that will require the availability of additional routine or emergency health services. Rather, the project is likely to help provide better access for emergency health services to the local community during future storm events and tidal flooding and the ability for residents to leave their neighborhoods to seek shelter or health care and social services.
Solid Waste Disposal / Recycling	2	The project will not introduce new development that will generate solid wastes on an ongoing basis. All construction wastes will be appropriately disposed of according to the type of waste generated and construction waste management practices in an appropriate, legally compliant receiving facility.
Waste Water / Sanitary Sewers	2	The project will not introduce any new development that will generate waste water. Mitigative measures and BMPs will be

		utilized during construction to prevent soil and/or debris from being washed off-site. No additional waste water will be generated during construction.
Water Supply	2	The project will not increase the demand for water. The individual project activities will be completed in accordance with BMPs and all applicable federal, state, and local permits and their requirements and conditions, which will be obtained prior to commencing work. As such, the project will not have an impact on local water supplies.
Public Safety - Police, Fire and Emergency Medical	2	The project will not generate new demand for police, fire, or emergency services. The project will not adversely impact traffic, but rather improve access to roads and make roads and intersections passable during and after high tide and future storm events, which currently results in road closures and obstructed access to homes, businesses, and public and critical facilities. Therefore, there will be no adverse effect on the access and travel time for emergency services. Moreover, the project is likely to help provide better access for emergency public safety services to the local community during tidal flooding and future storm events. Roadways that are currently closed and/or impassable during such events may remain opened for evacuation and emergency vehicles after the completion of this Program's drainage improvements and/or road raisings. ⁶ Maintaining clear roads will improve access for residents who may require shelter, supplies, or assistance. ⁷ It will also improve access for recovery crews and equipment following a storm, improving emergency response times and accelerating local recovery. ⁸
Parks, Open Space and Recreation	2	The project will not introduce new development that will generate demand for open space resources or impede open space access. Instead, the project is likely to reduce flooding in the area, help protect properties from exposure to tidal flows, reduce the vulnerability of assets by increasing the resiliency of the community during/after future flooding events.
Transportation and Accessibility	2	Besides limited trips generated by construction vehicles during a short window of construction, the project will not introduce activities or development that generates continuing demand for transportation access or transportation services. Rather, the project will make roads and intersections passable during and

⁶ NY State CDBG-DR Program, Application for Funding, Bellmore/Merrick/Seaford/Wantagh Road Raising and Drainage Improvements, March 2017

⁷ Seaford-Wantagh NYRCR Plan, March 2014, at

https://stormrecovery.ny.gov/sites/default/files/crp/community/documents/seaford-wantagh_nyrcr_plan.pdf

⁸ Seaford-Wantagh NYRCR Plan, March 2014, at

https://stormrecovery.ny.gov/sites/default/files/crp/community/documents/seaford-wantagh_nyrcr_plan.pdf

	after high tide and future storm events, which currently results in road closures and obstructed access to homes, businesses, and public facilities.
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Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	3	<p>According to NYSDEC’s Environmental Resource Mapper, the Program area contains “Significant Natural Communities” (Appendix A). No effect is anticipated to these communities from this road raising and drainage improvement program which proposes to raise and reconstruct various roads and/or construct drainage improvements in developed, well-established, residential neighborhoods and/or commercial/ industrial areas.</p> <p>NYSDEC Critical Environmental Areas: https://www.dec.ny.gov/permits/25131.html</p> <p>NYSDEC Unique Geologic Features: http://www.dec.ny.gov/permits/53826.html</p> <p>The project includes installation of 35 linear feet of knee wall (bulkhead) directly behind curb for shoreline stabilization and erosion control, install new outfall and re-grade road to eliminate roadway surface drainage into canal, install lawn drains and repair curbs and gutters. All construction will be done in strict conformance with the local, state and federal permit conditions that are protective of wetlands.</p> <p>The project will involve no new construction in wetlands.</p> <p>The project will be implemented in accordance with best management practices and all applicable federal, state and local permit requirements and conditions in order to ensure the preservation of water quality. Thus, no potential impacts from the project are anticipated.</p> <p>The project will not introduce new demand for groundwater or surface water, nor will the project introduce septic flows that may affect groundwater. Additionally, the project will not significantly increase impervious surfaces. Rather, one of the goals is to improve the community’s natural and engineered storm water management and flood control systems to mitigate flood risk and improve water quality during future</p>

		floods. Therefore, unique natural features or water resources are not expected to be permanently affected by this project.
Vegetation, Wildlife	2	<p>The project proposes to raise and reconstruct three roads and construct drainage improvements in developed, well-established, residential neighborhood. According to the NYS DOS, there are multiple areas designated as Significant Coastal Fish and Wildlife Habitats (SCFWH) in the Program area.⁹ However, no effect on vegetation and wildlife is anticipated from project. A minor impact may arise during individual project activities which involve construction and reconstruction of bulkheads. The addition of tidal check valves and bulkhead installation, repair and reconstruction will provide coastal protection during moderate storms, reducing tidal flood risk to assets such as roadways, utilities, and properties located near outflows. These improvements will maintain access to assets in the community, offer greater protection for properties in vulnerable areas, and reduce the potential for damage due to wave energy during extreme tidal events. The project will reduce the amount of debris and pollutants reaching bodies of water during flood events where it could potentially damage sensitive ecosystems, and reduce pollutant load to the bay by improving storm water infrastructure in the community.¹⁰</p> <p>The project is located in developed areas with bulkhead installation, repair or reconstruction occurring, as needed, mainly at the street-ends along the canals. The shoreline in the vicinity of many of the anticipated project areas is bulkheaded and highly developed. Project areas will be restored to pre-existing and/or improved conditions in order to mitigate flooding after construction is complete. The individual project activities will be completed in accordance with BMPs and all applicable federal, state, and local permits and their requirements and conditions, which will be obtained prior to commencing work.</p>
Other Factors	1	The project will address the potential impact of sea level rise. Flood damage from “future extreme weather events will be reduced or eliminated in many areas, protecting assets that have been restored, improved and/or rebuilt following Sandy.” ¹¹ “Projects will be designed to reduce flood frequency, duration and extent. Improvements and upgrades will be designed for resilience in the face of sea level rise, and

⁹ <https://www.dos.ny.gov/opd/programs/consistency/scfwhabitats.html>

¹⁰ Bellmore/Merrick and Seaford-Wantagh NYRCR Plan, <https://stormrecovery.ny.gov/nyrcr/final-plans>

¹¹ NY State CDBG-DR Program, Application for Funding, Bellmore/Merrick/Seaford/Wantagh Road Raising and Drainage Improvements, March 2017

		<p>increasing frequency and intensity of extreme weather events. The goal is to improve the community's natural and engineered storm water management and flood control systems to mitigate flood risk and improve water quality during future floods."¹²</p>
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Additional Studies Performed:

State Environmental Quality Review Act Type II evaluation

Comprehensive Drainage Infrastructure Master Plan for the Bellmore/ Merrick and Seaford/ **Wantagh** Areas South of Merrick Road, July 2016 by Nelson and Pope Engineers and Surveyors

Field Inspection (Date and completed by):

None conducted.

List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]:

- Federal Aviation Administration (FAA)
- Federal Emergency Management Agency (FEMA)
- United States Environmental Protection Agency (USEPA)
- United States Fish and Wildlife Service (USFWS)
- U.S. Department of Agriculture (USDA)
- Natural Resources Conservation Service (NRCS)
- United States Department of Interior (USDOI)
- National Parks Service (NPS)
- United States Geological Survey (USGS)
- New York State Department of Environmental Conservation (NYSDEC)
- Natural Heritage Program (NHP)
- New York State Department of State (NYS DOS)
- Nassau County Department of Health and the Nassau County Fire Commissioner
- New York State Historic Preservation Office (SHPO)
- NY Rising Community Reconstruction Plans for the Program Area.
<https://stormrecovery.ny.gov/nyrcr/final-plans>
- Greening the Streetscape: Complete Streets & Stormwater Management, Smart Growth America.
<https://smartgrowthamerica.org/greening-streetscape-complete-streets-stormwater-management-webinar-recap/>
- Urban Storm Drainage Criteria Manual Volume 1, January 2016.
https://udfcd.org/wp-content/uploads/uploads/vol1%20criteria%20manual/07_Streets%20Inlets%20Storm%20Drains.pdf
- Nassau County Comprehensive Planning Documents.
<https://www.nassaucountyny.gov/2857/Comprehensive-Planning>

¹² NY State CDBG-DR Program, Application for Funding, Bellmore/Merrick/Seaford/Wantagh Road Raising and Drainage Improvements, March 2017

- Nassau County Comprehensive Plan, December 1998.
<https://www.nassaucountyny.gov/DocumentCenter/View/2775>
- Nassau County Master Plan Update (2008).
<https://www.nassaucountyny.gov/DocumentCenter/View/2776>
- Draft 2010 Nassau County Master Plan.
<https://www.nassaucountyny.gov/2872/Master-Plan>
- Nassau County, Department of Health, Ground Water Protection.
<http://www.nassaucountyny.gov/3054/11581/Ground-Water-Protection>
- Long Island South Shore Estuary Reserve, *Comprehensive Management Plan*, April 25, 2001.
<http://www.dos.ny.gov/opd/sser/pdf/Full%20CMP%20Document.pdf>
- Nassau County Storm Water Management Program Plan, 2009.
<https://www.nassaucountyny.gov/DocumentCenter/View/1296>
- Nassau County Transportation Improvement Program 2008-2012 (TIP)
<https://www.nassaucountyny.gov/2882/Transportation>
- Town of Hempstead, *Building Zone Ordinance*.
<http://ecode360.com/14495699>
- NYSDEC Critical Environmental Areas.
<https://www.dec.ny.gov/permits/25131.html>
- NYSDEC Unique Geologic Features.
<http://www.dec.ny.gov/permits/53826.html>
- GOSR-community public outreach meetings.
<https://stormrecovery.ny.gov/meetings>

List of Appendices

Appendix A	Figures
Appendix B	CAA De Minimis Threshold Analysis & General Conformity Worksheet
Appendix C	DOS Coastal Consistency
Appendix D	NHP Correspondence
Appendix E	USFWS Correspondence
Appendix F	NOAA Greater Atlantic Regional Fisheries Office Essential Fish Habitat, (EFH) Consultation Guidance and EFH Assessment Worksheet
Appendix G	NMFS No Effect Determination Memorandum
Appendix H	5-step Floodplain Management Plan
Appendix I	SHPO Consultations
Appendix J	Sole Source Aquifers

Attachments

- 1 Site Plans
- 2 Permit documentation
- 3 HUD Hazards

List of Permits that Might be Required:

- USACE Nationwide Permit (NWP) 3 – Maintenance
- USACE NWP 7 – Outfall Structures and Associated Intake Structures (PCN required)
- USACE NWP 12 – Utility Line Activities
- USACE NWP 13 – Bank Stabilization
- USACE NWP 14 – Linear Transportation Projects
- USACE NWP 18 – Minor Discharges
- USACE NWP 19 – Minor Dredging
- USACE NWP 41 – Reshaping Existing Drainage Ditches (non-tidal only)
- USACE NWP 43 – Stormwater Management Facilities (non-tidal only)
- NYSDEC General Permit GP-1-13-001 Tidal Wetland Bulkhead Replacement With Dredging General Permit Under the Environmental Conservation Law (ECL) Articles 25 and 15 and Water Quality Certification, CWA Section 401 (obtained)
- NYSDEC Coastal Erosion Management – ECL Article 34
- NY State Pollutant Discharge Elimination System (SPDES) Individual Permits
- Municipal Separate Storm Sewer System (MS4) Permit
- Town of Hempstead
- A SEQRA determination of non-significance (negative declaration) per Section 617.5(c)(7)

Attachment 2 provides the permit documentation obtained to date.

Public Outreach [24 CFR 50.23 & 58.43]:

On August 9, 2018, a combined Notice of Finding of No Significant Impact and Intent to Request Release of Funds will be published in the Seaford Herald. Any individual, group, or agency may submit written comments on the Environmental Review Record to:

Lori A. Shirley, GOSR, HCR
38-40 State Street
Albany, NY 12207
(518) 474-0755
NYSCDBG_DR_ER@nyshcr.org

Cumulative Impact Analysis [24 CFR 58.32]:

The proposed project is not expected to trigger cumulative impacts, including the degradation of important natural resources, socioeconomic resources, human health, recreation, quality of life issues, and cultural and historic resources. The proposed project is not of a scale large enough to contribute significantly to cumulative impacts. It will create positive impacts, as the proposed improvements to the streets, bulkheads, and drainage system will reduce flooding of the local street network, damage to homes, lawns and landscaping; reduce disruption of public services such as sanitation and mail services; and allow better fire protection, rescue, and police responses in times of storms and elevated high tides. The proposed project will directly contribute to the rebuilding and recovery of the area with a focus on resiliency and mitigation.

Alternatives [24 CFR 58.40(e); 40 CFR 1508.9]:

The primary alternative for the proposed project is the “no action” alternative. This alternative means that there will be no work undertaken to alleviate the flood problem, rehabilitate the project area, or mitigate the future flooding. This will leave the surrounding neighborhood and community vulnerable to future flood damage. The “no action” alternative will provide no protection to the residential

neighborhoods and the greater community from future flood events, as mitigation will be compromised due to lack of financial support. Thus, the “no action” alternative is not feasible in relation to the desired objective of creating area resiliency to future flooding events.

Summary of Findings and Conclusions:

The proposed improvements to the streets, bulkheads, and drainage system will reduce damage to homes, lawns and landscaping; reduce disruption of public services, and allow better emergency access during and after storm events. The proposed project will directly contribute to the rebuilding and recovery of the area with a focus on resiliency and mitigation. The proposed project will not result in a significant impact on the quality of the human environment or result in other direct, indirect, or cumulative impacts. The proposed project will comply with all relevant regulations listed in 24 CFR subparts 58.5 and 58.6.

Mitigation Measures and Conditions [40 CFR 1505.2(c)]

Summarize below all mitigation measures adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Any change to the approved scope of work will require re-evaluation by the Certifying Officer for compliance with NEPA and other laws and Executive Orders.

This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal state and local laws. Failure to obtain all appropriate federal, state, and local environmental permits and clearances may jeopardize federal funding.

If there is any unanticipated discovery of endangered or threatened species, cultural resources, soils contamination, or any other conditions affecting the factors, executive orders, stipulations, and/ or regulations discussed within this assessment, work shall be halted immediately and the appropriate agency will be consulted before work can be resumed.

Law, Authority, or Factor	Mitigation Measure
Clean Air Act	All project activities will comply with applicable federal, state, and local laws and regulations regarding construction emissions, including but not limited to NYCRR, NYSDEC Air Quality Management Plan, and the New York SIP. All necessary measures will be used to minimize fugitive dust emissions during construction activities. The preferred method for dust suppression is water application.
Contamination and Toxic Substances	All solid waste generated during construction will be managed and transported in accordance with the NYS solid and hazardous waste rules.

<p>Wetlands & Floodplain</p>	<p>The project includes installation of 35 linear feet of knee wall (bulkhead) directly behind curb for shoreline stabilization and erosion control, install new outfall and re-grade road to eliminate roadway surface drainage into canal, install lawn drains and repair curbs and gutters. All construction will be done in strict conformance with the local, state, and federal permit conditions that are protective of wetlands.</p> <p>The project activities will be completed in accordance with BMPs and all applicable federal, state, and local permits and their requirements and conditions, which will be obtained prior to commencing work.</p> <p>Permits required:</p> <ul style="list-style-type: none"> • USACE Nationwide Permit (NWP) 3 – Maintenance • USACE NWP 7 – Outfall Structures and Associated Intake Structures (PCN required) • USACE NWP 12 – Utility Line Activities • USACE NWP 13 – Bank Stabilization • USACE NWP 14 – Linear Transportation Projects • USACE NWP 18 – Minor Discharges • USACE NWP 19 – Minor Dredging • USACE NWP 41 – Reshaping Existing Drainage Ditches • USACE NWP 43 – Stormwater Management Facilities • USACE NWP 46 – Discharges in Ditches • NYSDEC General Permit GP-1-13-001 Tidal Wetland Bulkhead Replacement with Dredging General Permit Under the Environmental Conservation Law (ECL) Articles 25 and 15 and Water Quality Certification, CWA Section 401 • NYSDEC Tidal Wetlands –ECL Article 25 • NYSDEC Protection of Waters – ECL Article 15, Excavation and Fill in Navigable Waters • NYSDEC Water Quality Certification – Clean Water Act Section 401 • NYSDEC Coastal Erosion Management – ECL Article 34 • NY SPDES Individual Permits • MS4 Permit • Local Permit(s) (i.e., Town of Hempstead Structures in Waterways Permit) • Local Floodplain Development Permit <p>Attachment 2 provides the permit documentation obtained to date.</p>
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Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	BMPs, such as silt fence and erosion prevention, will be used, if required by permits or agency discretion. State and local permitting requirements will incorporate BMPs to eliminate erosion impacts during construction. Storm drain protections will be used during construction to ensure sediments and pollutants do not enter surface waters.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	An SPDES General Permit for Stormwater Discharges will be obtained for the construction activities if the acreage exceeds one-acre, in accordance with Section 402 of the Clean Water Act that requires authorization by an NPDES permit or by a state permit program. Coverage under NYSDEC GP-15-002 will be obtained prior to the commencement of construction activity.
Noise Abatement and Control	A noise mitigation plan will be developed prior to construction to minimize noise effects on residents. Project construction will follow the provisions of the Town of Hempstead code, Chapter 144, Unreasonable Noise. Mitigation measures could include but will not be limited to restricting the time and duration of construction activities during the day and week, phasing of construction, perimeter barriers, quieter models of equipment, and use of mufflers or other sound-dissipative devices on construction equipment.

Determination:

Finding of No Significant Impact [24 CFR 58.40(g)(1); 40 CFR 1508.27]

The project will not result in a significant impact on the quality of the human environment.

Finding of Significant Impact [24 CFR 58.40(g)(2); 40 CFR 1508.27]

The project may significantly affect the quality of the human environment.



Preparer Signature: _____ Date: August 3, 2018

Name/Title/Organization: Alicia Shultz, Senior Environmental Scientist, GOSR

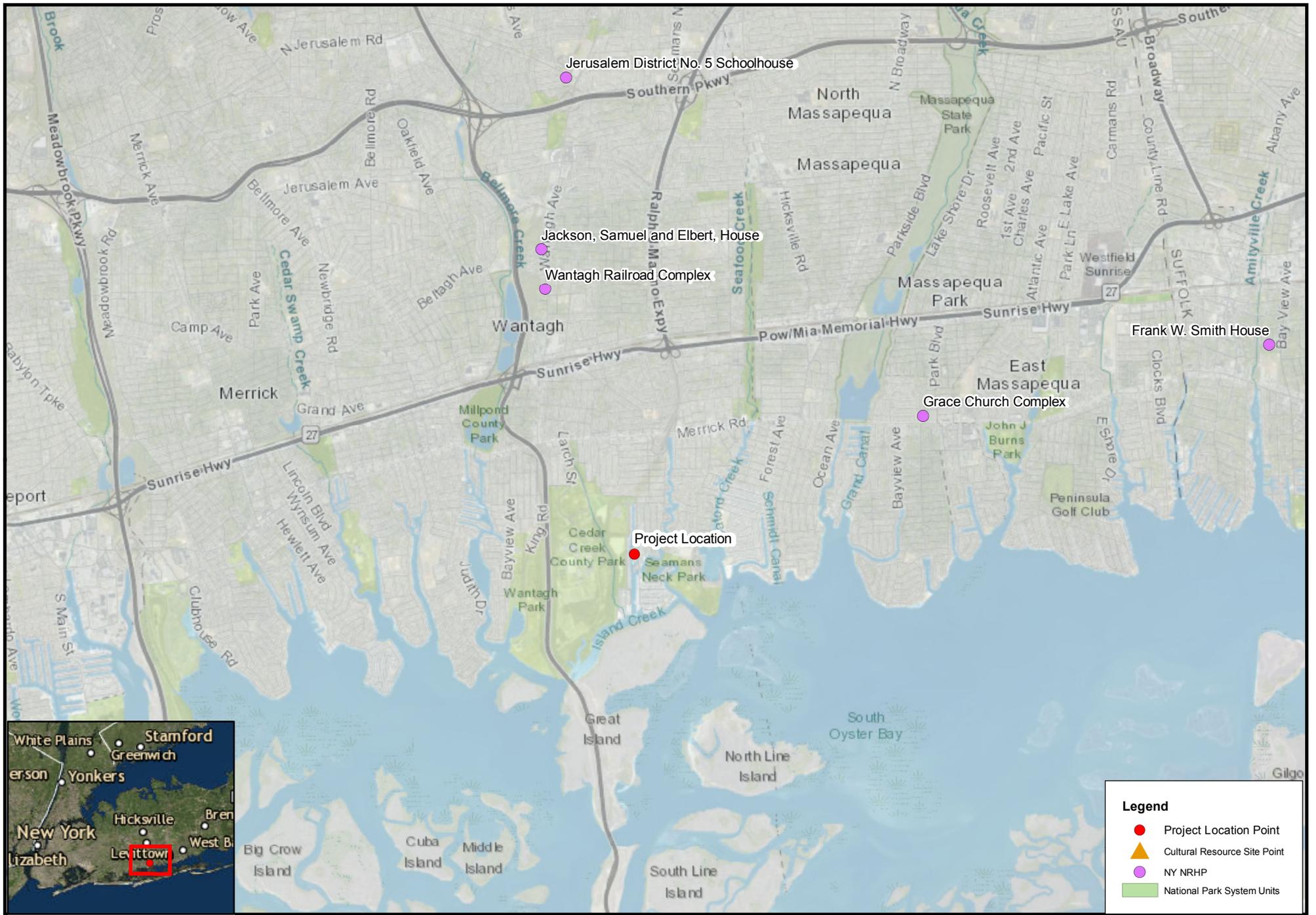


Certifying Officer Signature: _____ Date: August 3, 2018

Name/Title: Lori A. Shirley, Certifying Officer, Governor's Office of Storm Recovery

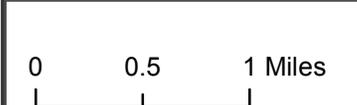
This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

Appendix A



Legend

- Project Location Point
- ▲ Cultural Resource Site Point
- NY NRHP
- National Park System Units



Seaford Road Raising Town of Hempstead, Nassau County, New York



Governor's Office of
Storm Recovery

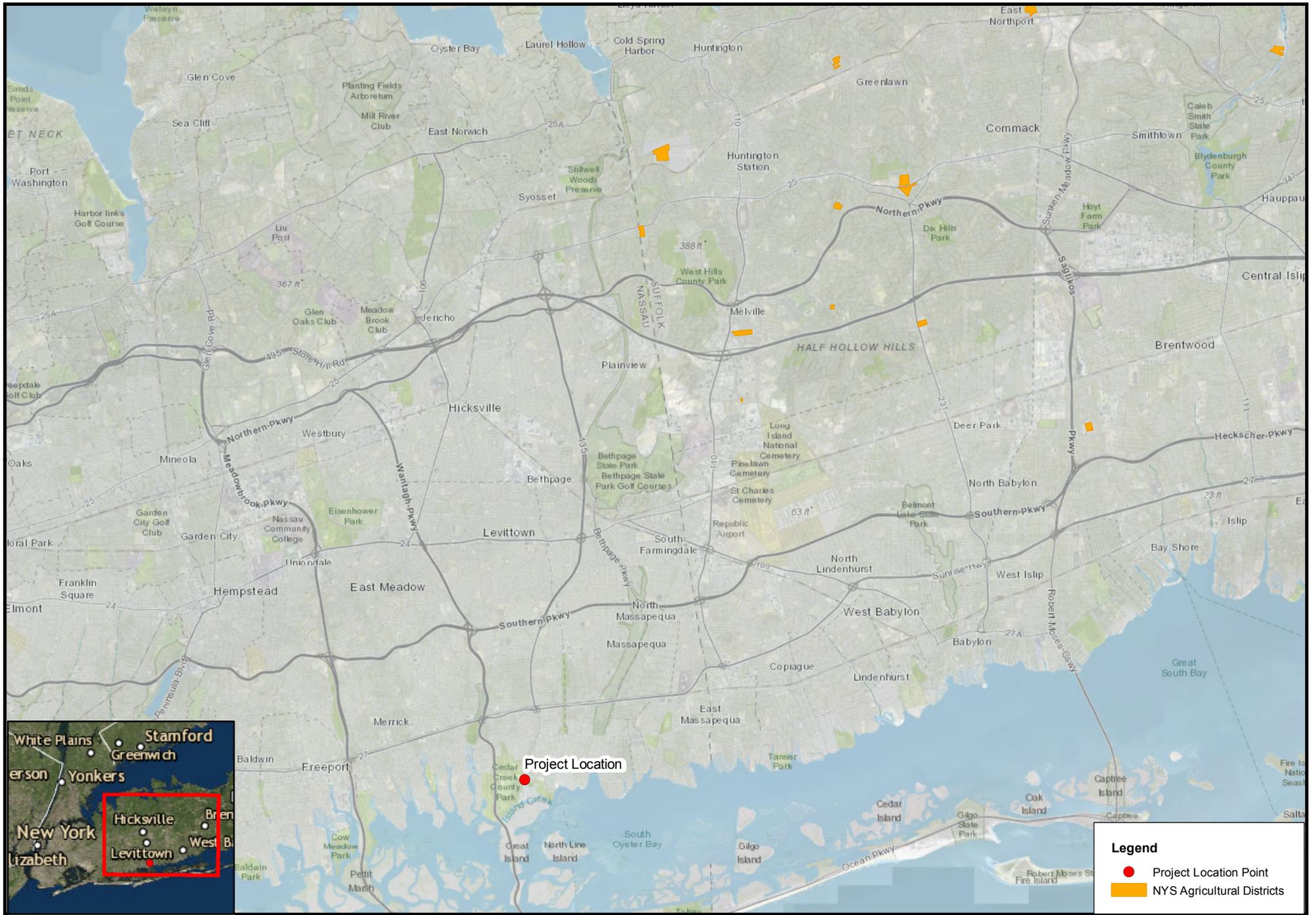


Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse

Drawn By: ASL | Version: 1.0 | Date: 6/26/2018

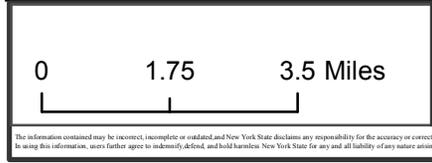
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FEMA data uses NAVD88*



Legend

- Project Location Point
- NYS Agricultural Districts



Seaford Road Raising Town of Hempstead, Nassau County, New York

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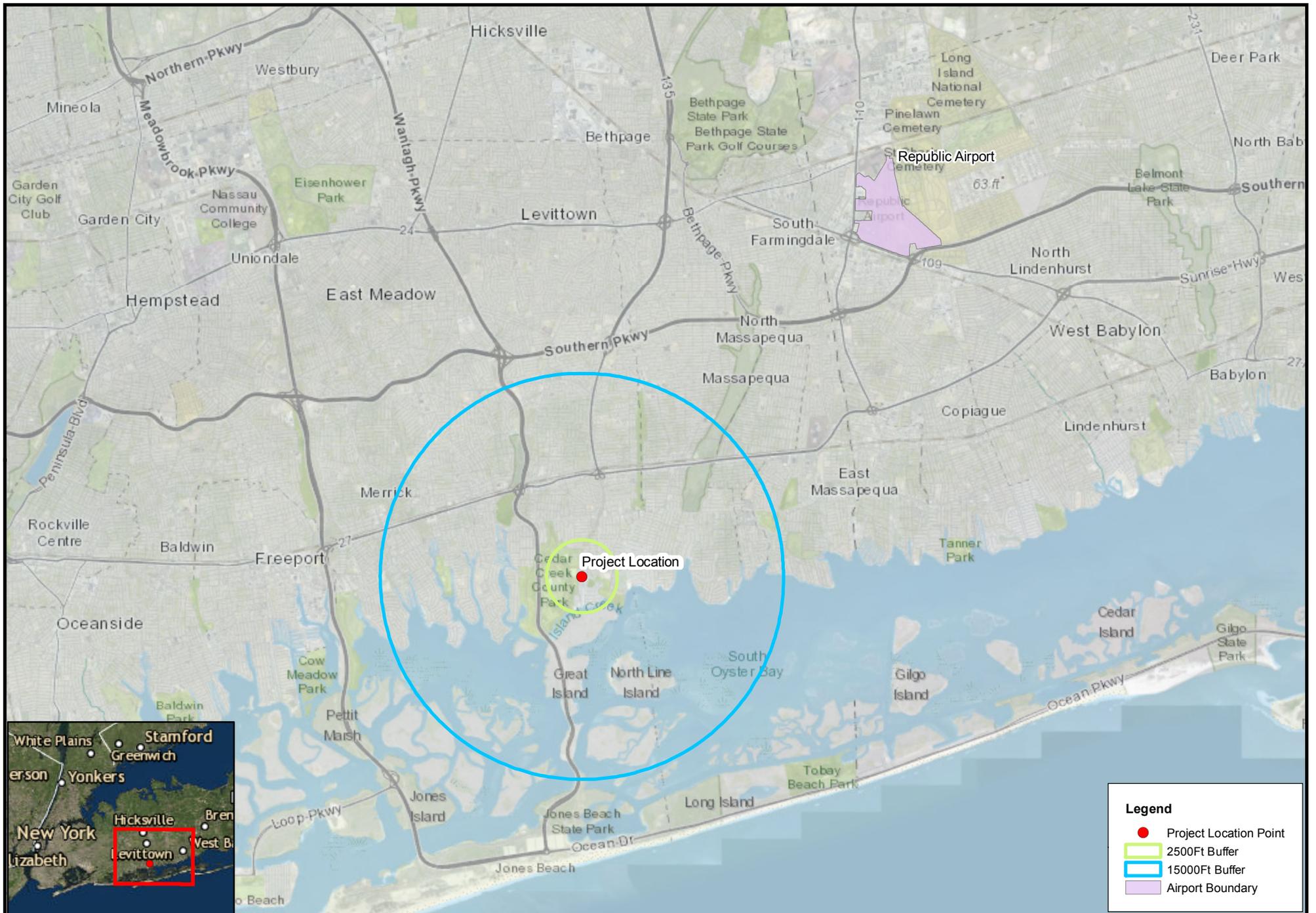
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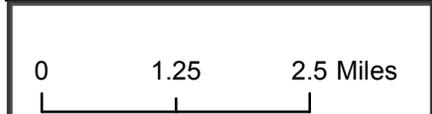
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Legend

- Project Location Point
- 2500Ft Buffer
- 15000Ft Buffer
- Airport Boundary



Seaford Road Raising Town of Hempstead, Nassau County, New York



Governor's Office of Storm Recovery

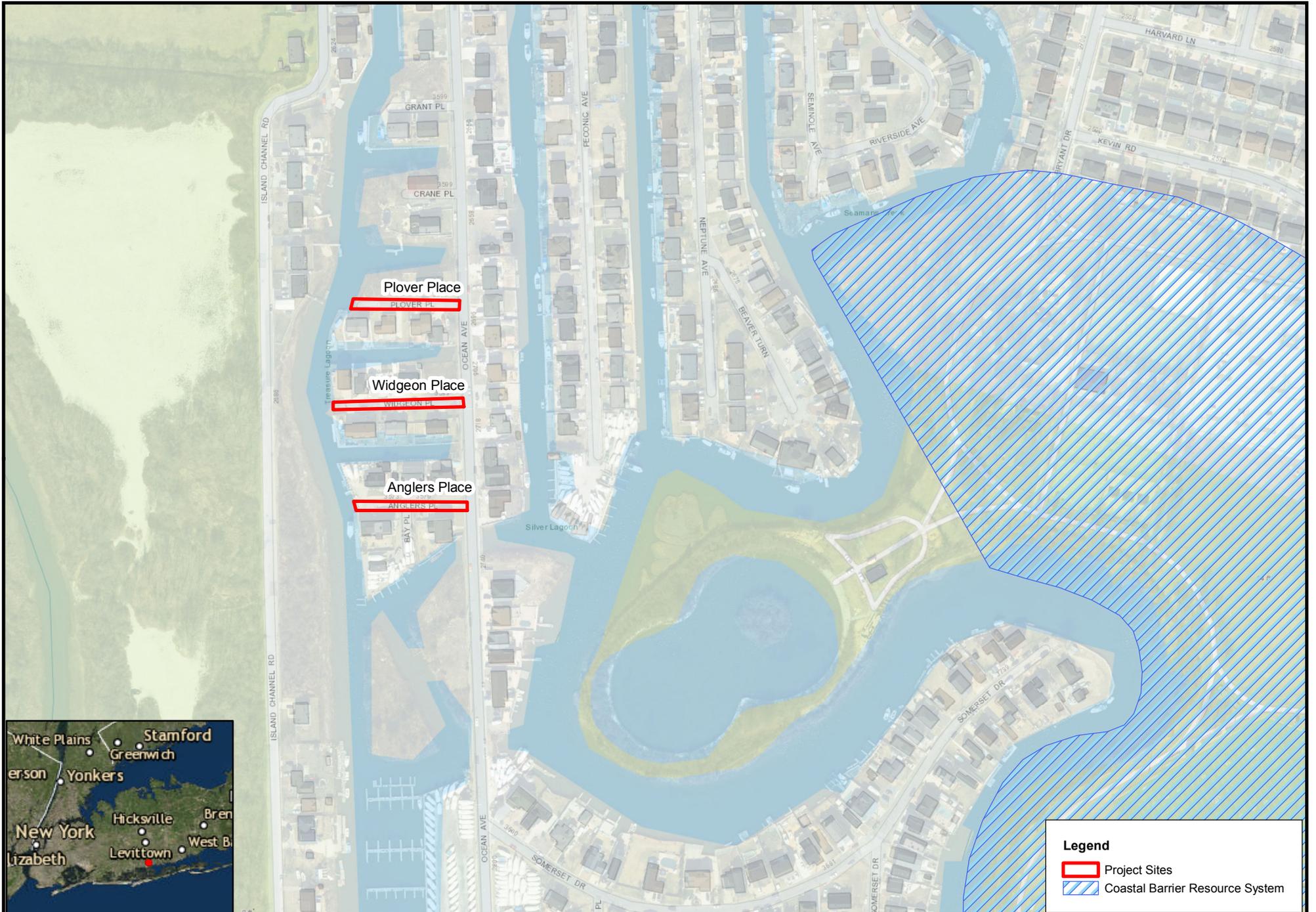


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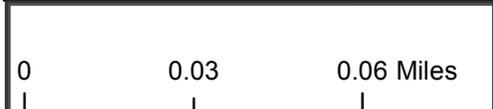
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Legend

- Project Sites
- Coastal_Boundary_Polyline_update
- CoastalBoundary_Polygon_March2017



Seaford Road Raising Town of Hempstead, Nassau County, New York

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQS, NYS GIS Clearinghouse



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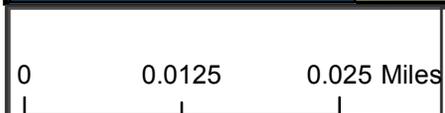


Legend

Project Sites

Tidal Wetland Category

- AA
- DS
- FC
- FM
- HL
- HM
- IM
- LZ
- SM



Seaford Road Raising Town of Hempstead, Nassau County, New York



Governor's Office of
Storm Recovery

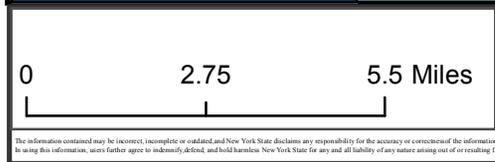
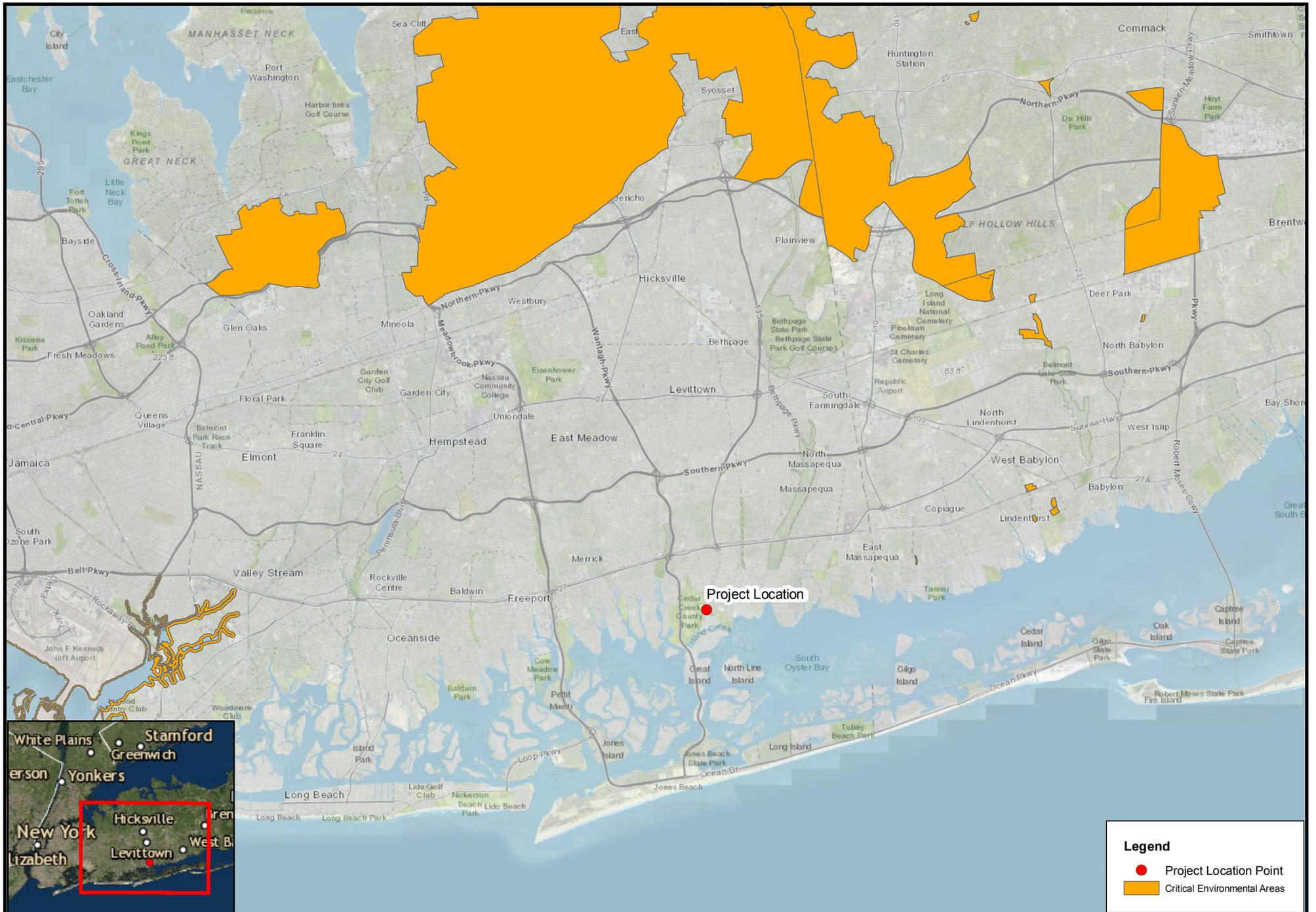


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Seaford Road Raising
Town of Hempstead, Nassau County, New York

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Legend

- Project Location Point
- Critical Environmental Areas

N

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Legend

- Project Sites
- Effective FEMA Floodplain (DFIRM)**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE
- AO
- VE
- OPEN WATER
- X



Seaford Road Raising Town of Hempstead, Nassau County, New York

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse



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Environmental Resource Mapper

Base Map: Topographical [Using this map](#)

Search

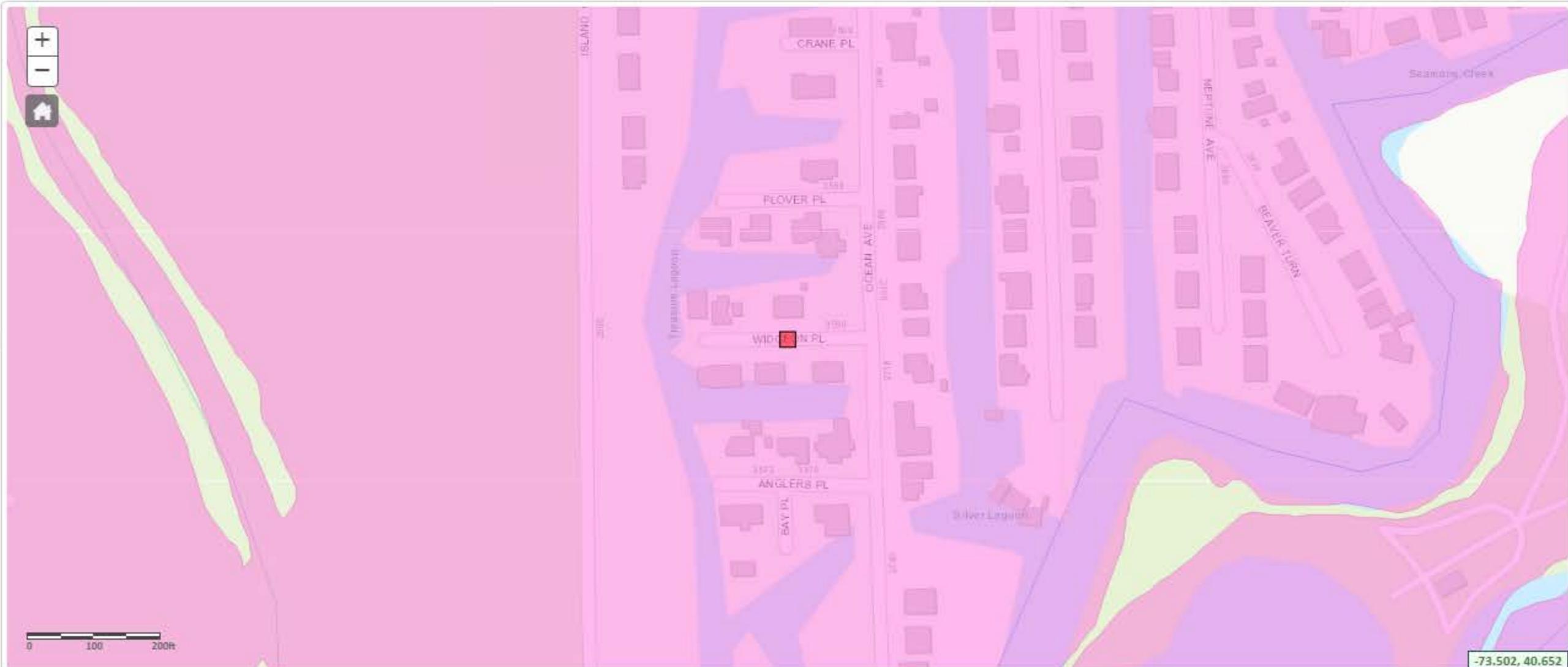
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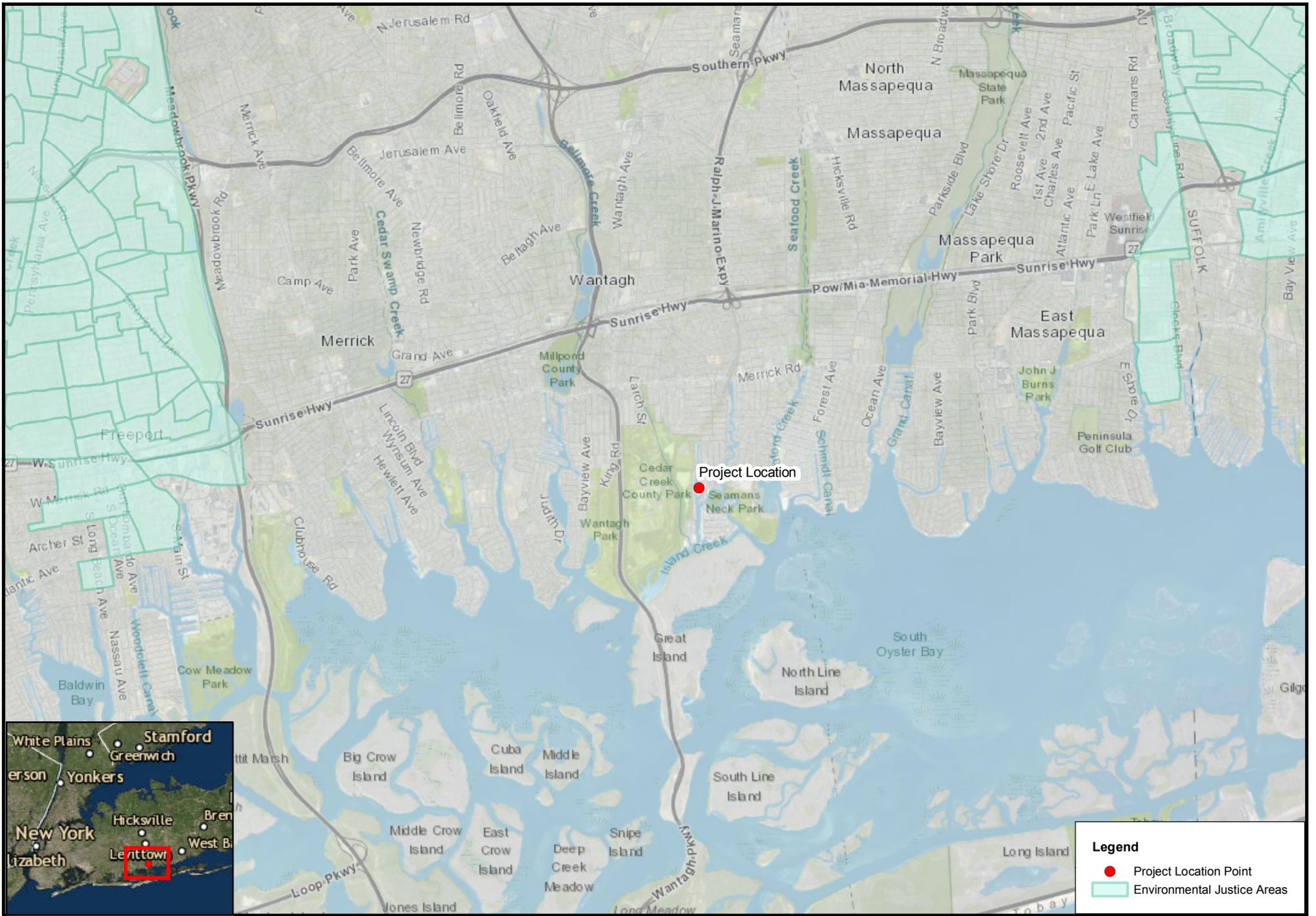
Layers and Legend

 All Layers Unique Geological Features Waterbody Classifications for Rivers/Streams Waterbody Classifications for Lakes State Regulated Freshwater Wetlands State Regulated Wetland Checkzone Significant Natural Communities Natural Communities Near This Location Rare Plants or Animals

Other Wetland Layers

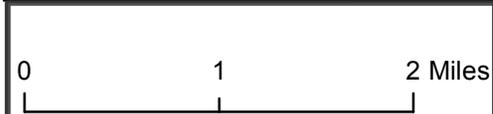
Reference Layers

[Tell Me More...](#)[Need A Permit?](#)[Contacts](#)



Legend

- Project Location Point
- Environmental Justice Areas



Seaford Road Raising Town of Hempstead, Nassau County, New York

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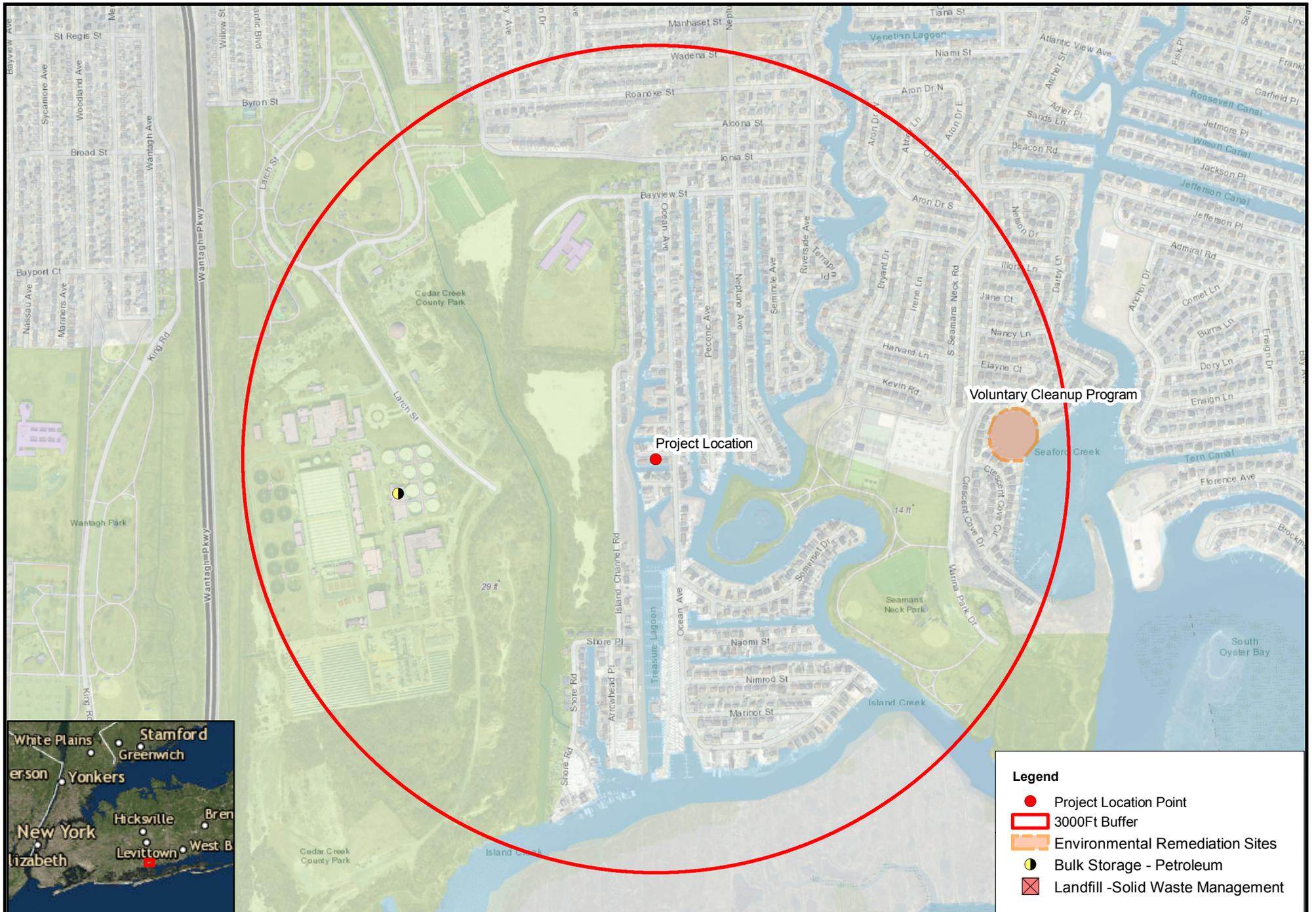
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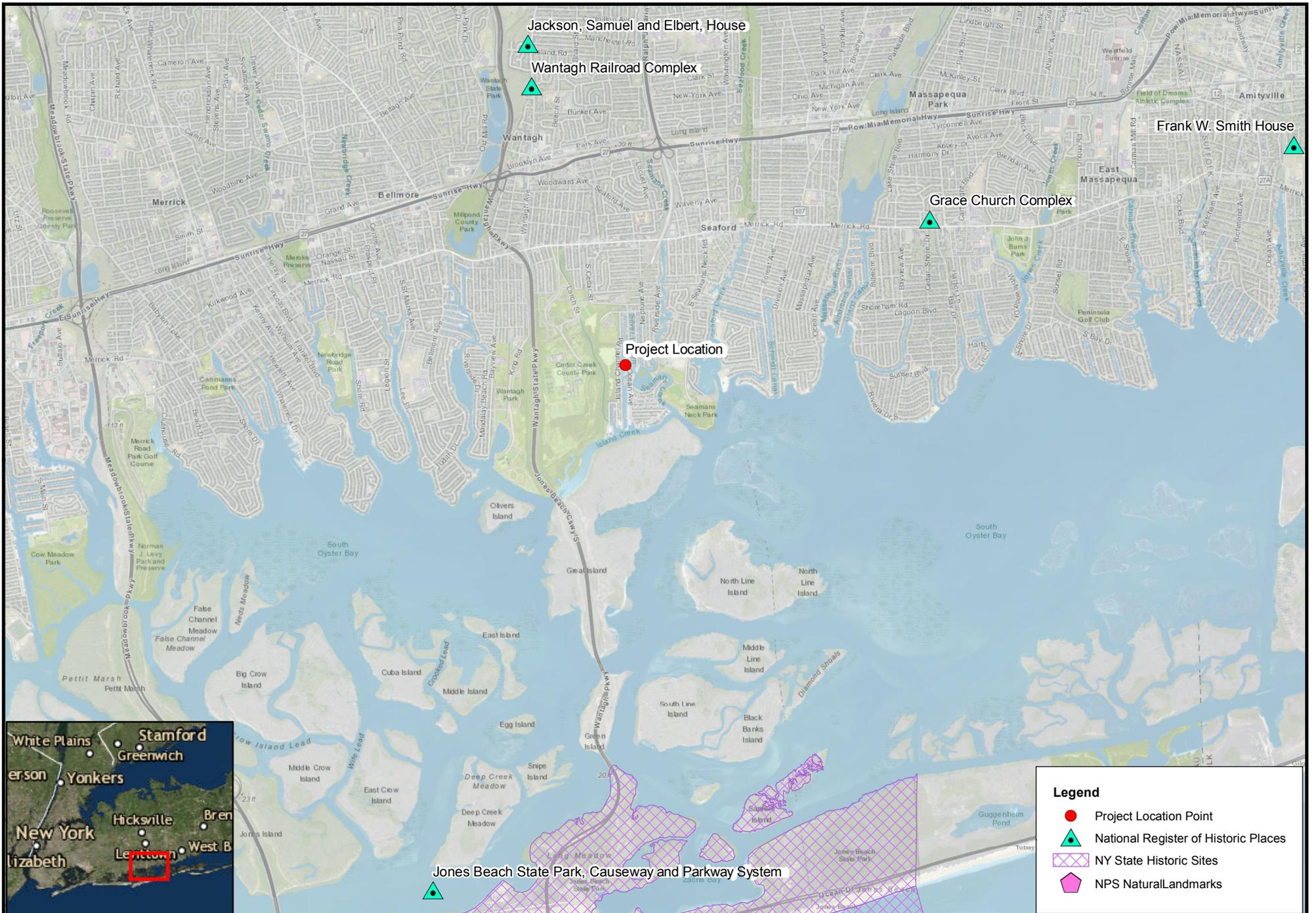
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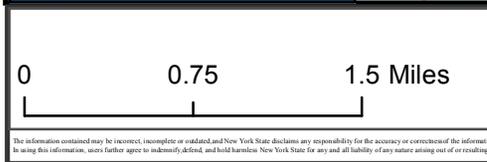
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Legend

- Project Location Point
- ▲ National Register of Historic Places
- NY State Historic Sites
- ◆ NPS Natural Landmarks



Seford Road Raising
Town of Hempstead, Nassau County, New York

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQS, NYS GIS Clearinghouse



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Seaford Road Raising Town of Hempstead, Nassau County, New York

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse

Legend

- Project Sites
- Nonattainment Area 8hr Ozone_2008

PM2.5 24hr (2006 standard)

Current Attainment Status

- Maintenance
- Nonattainment



Governor's Office of Storm Recovery



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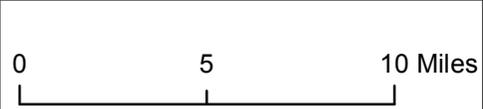
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Legend

- Project Location Point
- County Boundary



Seaford Road Raising Town of Hempstead, Nassau County, New York

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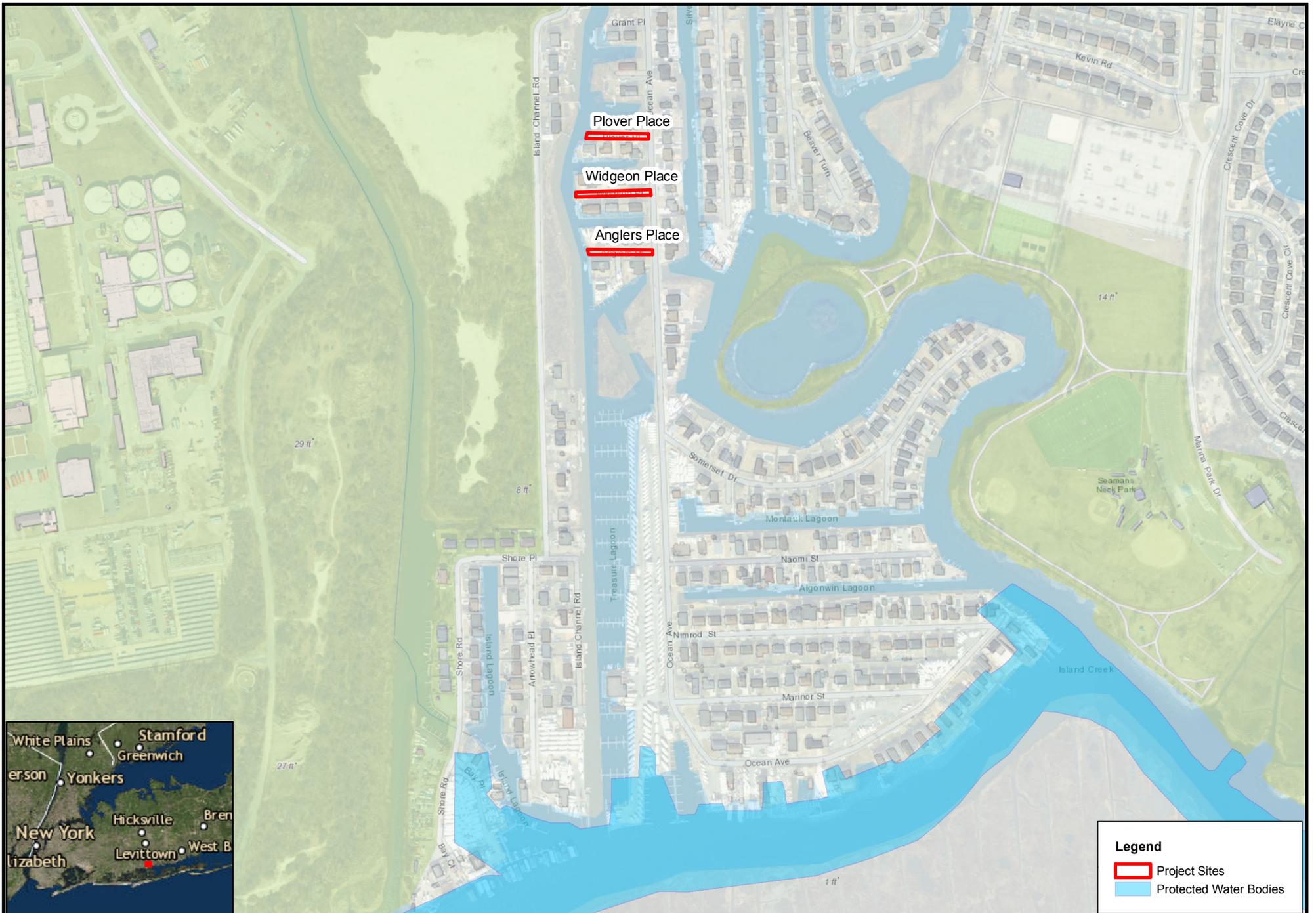
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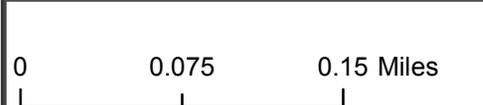
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Legend

- Project Sites
- Significant Coastal Fish and Wildlife Boundary



Seaford Road Raising Town of Hempstead, Nassau County, New York

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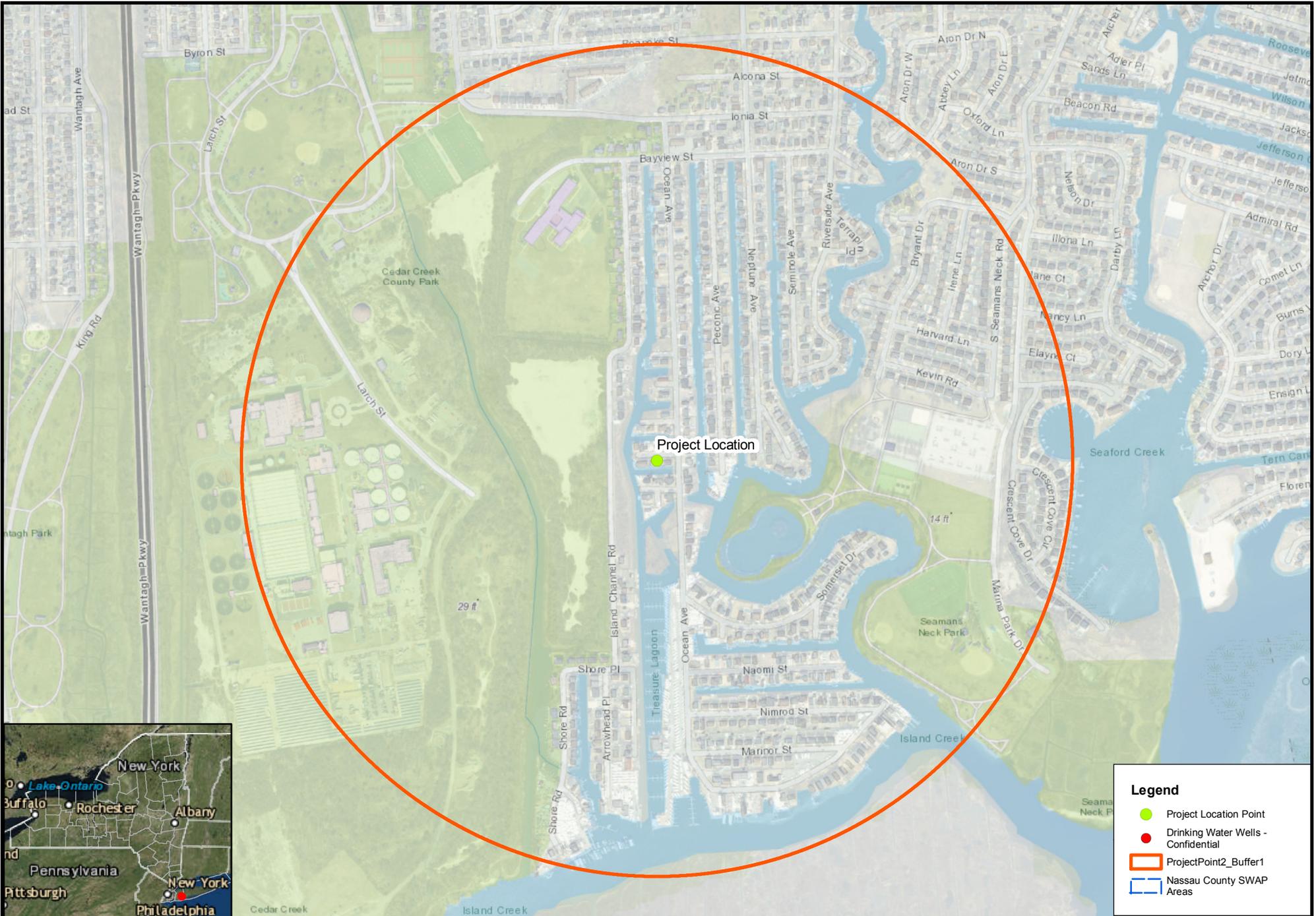
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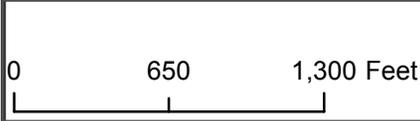
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Legend

- Project Location Point
- Drinking Water Wells - Confidential
- ProjectPoint2_Buffer1
- Nassau County SWAP Areas



Seaford Road Raising

Town of Hempstead, Nassau County, New York

Half-Mile Buffer SSA and SWAP Analysis

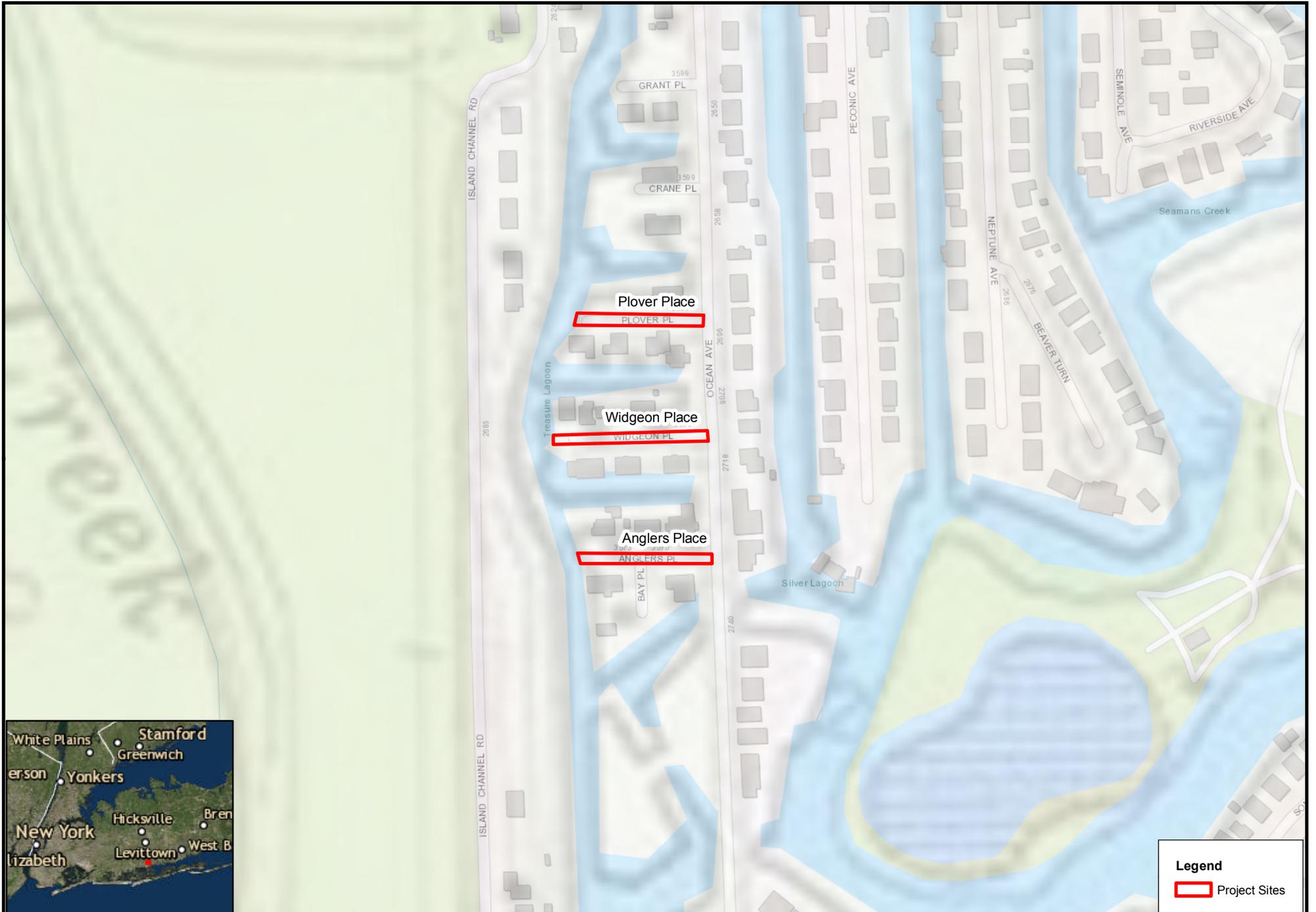


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Legend

Project Sites



Seaford Road Raising Town of Hempstead, Nassau County, New York

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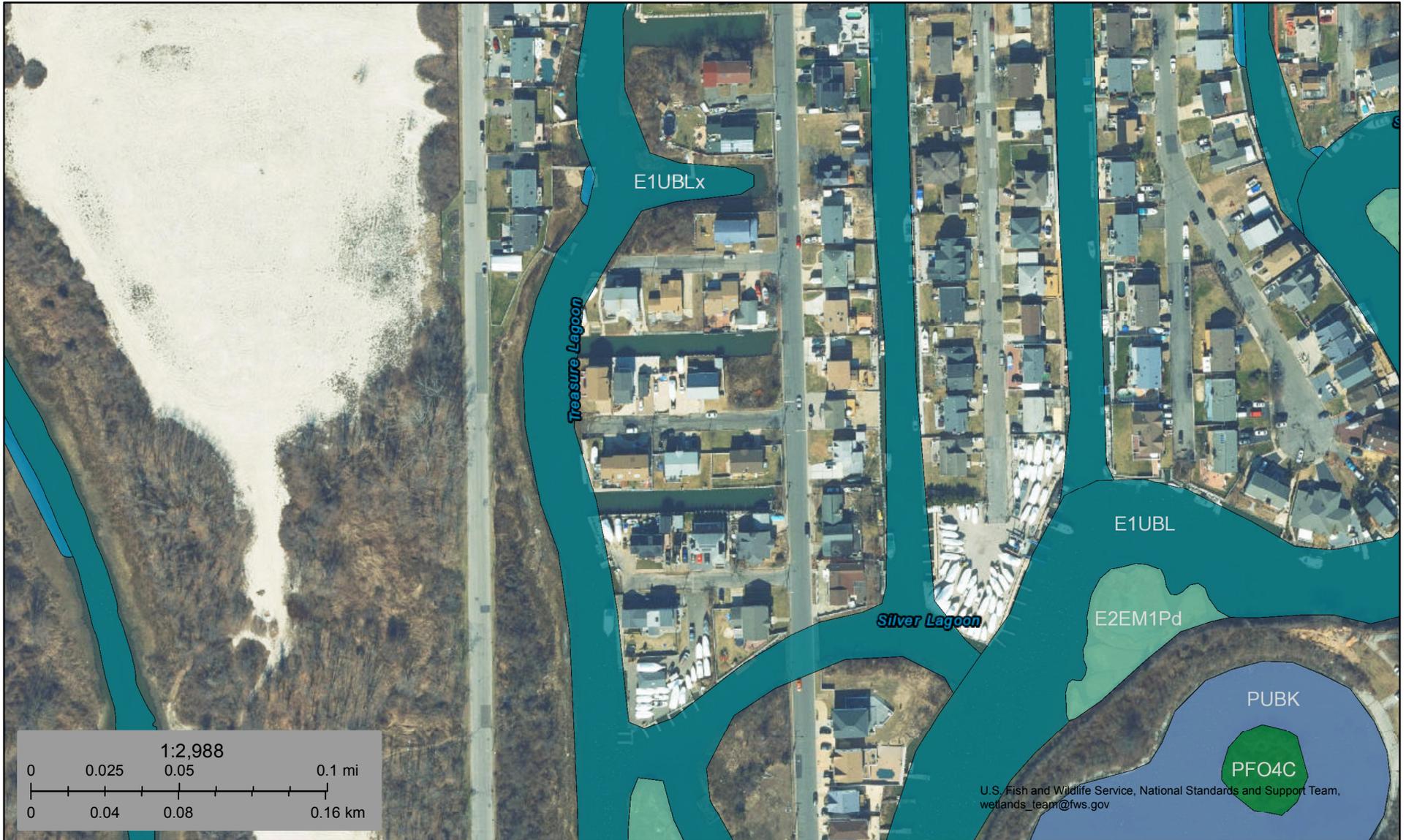
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July 18, 2018

Wetlands

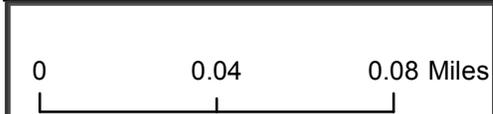
- | | | | | | |
|---|--------------------------------|---|-----------------------------------|---|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland |  | Lake |
|  | Estuarine and Marine Wetland |  | Freshwater Forested/Shrub Wetland |  | Other |
| | |  | Freshwater Pond |  | Riverine |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



Legend

- Project Sites
- National Wetlands Inventory
- NYS DEC Freshwater Wetlands Buffer



Seaford Road Raising Town of Hempstead, Nassau County, New York

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse



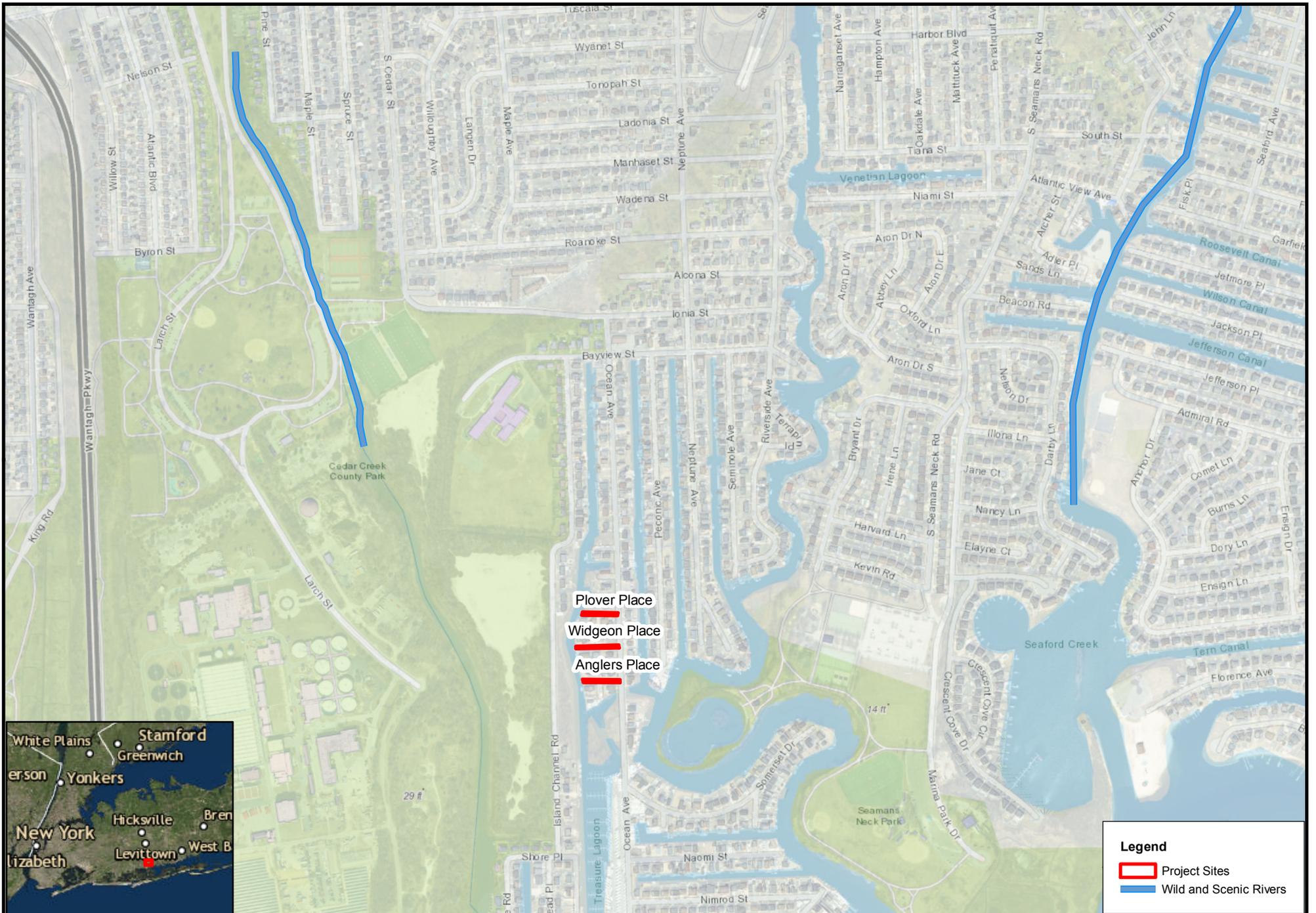
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Seaford Road Raising

Town of Hempstead, Nassau County, New York

0 0.125 0.25 Miles

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse



Governor's Office of Storm Recovery

Drawn By: ASL | Version: 1.0 | Date: 7/2/2018



FEMA data uses NAVD88*

The information contained may be incorrect, incomplete or outdated and New York State disclaims any responsibility for the accuracy or correctness of the information. New York State, its officers, employees or agents shall not be liable for damages or losses of any kind, consequential otherwise, incurred as a result of the use of this information, directly or indirectly. By using this information, users further agree to indemnify, defend, and hold harmless New York State for any and all liability of any nature arising out of or resulting from the lack of accuracy or correctness of the information, or the use of the information. New York State reserves the right to make changes and updates to the information at any time and without notice.

Appendix B

Most construction work would not require a general conformity evaluation, since construction activity in general is included in the SIP estimates, based on past activity levels and assumptions regarding growth in future years. However, there may be projects which are not considered to be included in the SIP if they were beyond the scope of what was anticipated during SIP preparation. If a project is not included in the SIP or there is uncertainty regarding its inclusion, a preliminary evaluation of emissions may be sufficient to demonstrate that the project's emissions would be de minimis under the above general conformity regulations. If that is the case, a detailed conformity analysis and determination would not be required. The following analysis provides a simplified approach to preliminary evaluation, based on construction expenditure.

As a conservative estimate, the analysis below assumes that the emissions intensity per expenditure (tons per dollar) for the project would be similar to the average intensity of the construction sector in the county. This would not be applicable for projects with higher intensity (emissions per dollar) such as large infrastructure projects or intense development projects including substantial excavation and foundations work. Given this and other limitations of this analysis, it is recommended that this approach not be seen as definitive if the results are not clearly de minimis. In such cases, a more refined approach may be needed.

Construction expenditure data is available from the U.S. Census Bureau's 2007 Survey of Business Owners¹. Since the expenditure data represent firms by their location and not necessarily the location where construction takes place, applying this data at the county level may skew the results in some cases. As a broader estimate, we have categorized the expenditure as 'upstate' and 'downstate', reflecting the higher cost of construction in the downstate area. Downstate counties include Bronx, Kings, Nassau, New York, Orange, Queens, Richmond, Rockland, Suffolk, and Westchester. Total construction expenditure in 2007 was approximately 23.1 billion dollars in the upstate area, and 71.8 billion in the downstate area.

Construction emissions by county for the year 2007 were obtained from the New York State Department of Environmental Conservation (NYSDEC)². The fraction each de minimis emissions level represents of total regional emissions was calculated for each pollutant and area (upstate and downstate). The fraction of construction expenditure in each area equivalent to those emission fractions were then calculated, representing de minimis project construction expenditures which would be equivalent to de minimis emissions.

For example, the downstate VOC emissions were 2,401.6 tons per year (tpy), and the relevant de minimis VOC emissions are 50 tpy; therefore –

$$\begin{array}{l}) \text{ de minimis as fraction of total emissions: } 50 \text{ tpy} \div 2,401.6 \text{ tpy} = 2.08\% \\) \text{ de minimis fraction of total expenditure: } 2.08\% \times \$71.8 \text{ bn} = \mathbf{\$1.5 \text{ bn}} \end{array}$$

The total SIP emissions by pollutant and region and the resulting average project expenditure equivalent to de minimis levels are presented in **Table 2**.

¹ U.S. Census Bureau. 2007 Survey of Business Owners, Statistics for All U.S. Firms by Industry, Gender, Ethnicity, and Race for the U.S., States, Metro Areas, Counties, and Places: 2007; SB0700CSA01.

² NYSDEC. 2007 SIP data. (provided by DEC, 2014).

Table 2: Regional SIP Emissions and de minimis Construction Expenditure

Pollutant	Region	2007 SIP Emissions (tpy)	De Minimis (tpy)	Average Construction De Minimis Expenditure (million \$)
VOC	Downstate	2,401.6	50	1,496
	Upstate	1,464.3	50	789
NO _x	Downstate	16,332.1	100	440
	Upstate	9,745.2	100	237
CO	Downstate	17,522.1	100	410
	Upstate	11,746.2	100	197
PM ₁₀	Downstate	1,489.6	100	4,823
PM _{2.5}	Downstate	1,442.3	100	4,981
SO ₂	Downstate	1,251.9	100	5,738
Notes: Only relevant pollutants by area are presented; see Table 3 for details.				

Based on the above analysis, projects with projected construction expenditure substantially lower than the average construction de minimis expenditure would clearly not exceed de minimis emissions levels for general conformity purposes. **Table 3** identifies the minimum de minimis expenditure threshold in each county, based on the lowest level for all nonattainment or attainment maintenance areas within which the county is located. For example, New York County is in 4 nonattainment/maintenance areas; of all the pollutants relevant to those areas, the CO de minimis emissions have the lowest corresponding construction expenditure of 410 million dollars. Standard construction projects in Manhattan with construction expenditure substantially lower than 410 million dollars in New York County would not exceed the de minimis level for any of the relevant pollutants and would not require any further analysis or conformity determination. For projects with components in more than one county, use the lowest threshold for all counties (if that exceeds de minimis levels, this can be refined by reviewing all appropriate pollutants based on the nonattainment/maintenance areas identified in **Table 3**, the appropriate pollutant for the area type from **Table 1**, and the de minimis expenditure for each pollutant from **Table 2**).

Table 3: De Minimis Construction Expenditure Threshold by County

County	Nonattainment / Maintenance Area				Critical Pollutant	De Minimis Expenditure Threshold (million \$)
	Ozone	CO	PM _{2.5}	PM ₁₀		
Upstate:						
Albany	X				NO _x	237
Erie	X				NO _x	237
Genesee	X				NO _x	237
Greene	X				NO _x	237
Livingston	X				NO _x	237
Monroe	X				NO _x	237
Montgomery	X				NO _x	237
Niagara	X				NO _x	237
Onondaga		X			CO	197
Ontario	X				NO _x	237
Orleans	X				NO _x	237
Rensselaer	X				NO _x	237
Saratoga	X				NO _x	237
Schenectady	X				NO _x	237
Schoharie	X				NO _x	237
Wayne	X				NO _x	237
Downstate:						
Bronx	X	X	X		CO	410
Dutchess	X				NO _x	440
Kings	X	X	X		CO	410
Nassau	X	X	X		CO	410
New York	X	X	X	X	CO	410
Orange	X		X		NO _x	440
Putnam	X				NO _x	440
Queens	X	X	X		CO	410
Richmond	X	X	X		CO	410
Rockland	X		X		NO _x	440
Suffolk	X		X		NO _x	440
Westchester	X	X	X		CO	410

GENERAL CONFORMITY WORKSHEET

Air Emissions Information

PROJECT NAME _____

LOCATION (COUNTY, STATE) _____

FOR CALENDAR YEAR _____

Estimated Construction Start Date: _____ End Date: _____

A. ON-ROAD VEHICLES

ACTIVITY	VEHICLE TYPE	# OPERATING	ON / OFF SITE	GVWR PER VEHICLE	TOTAL MILES PER VEHICLE	TOTAL MILES ALL VEHICLES
Example: Demolition	Truck	2	ON	33,000	36	72

B. OFF-ROAD VEHICLES

ACTIVITY	EQUIPMENT TYPE	# OPERATING	HORSE-POWER	GAS/ DIESEL	TOTAL HRS PER VEHICLE	TOTAL HRS ALL VEHICLES
Example: Site Clearing	Backhoe	3	90	Diesel	80	240

Notes:

- If construction occurs over more than one calendar year, provide a separate table for each calendar year.
- For ACTIVITY, include a short description of the type of activity
 - On-Road examples: workers commuting to/from job site, materials deliveries, material movement to site, etc.
 - Off-Road examples: site clearing, demolition, excavation, construction, material placement, etc.
- For EQUIPMENT
 - On-Road examples: auto, pickup truck (gas or diesel), heavy trucks (gas or diesel), etc.
 - Off-road examples: crane, backhoe, dozer, mixer, chain saw, forklift, etc.
- Specify whether the on-road vehicles listed are being used for transportation to/from site, or are used exclusively on the site, as this will affect the emission estimates.
- Specify the Gross Vehicle Weight Ratings for any on-road heavy-duty diesel vehicles, as these are necessary to determine the correct emissions factors.
- For worker commutation, the number of vehicles and miles traveled can be estimated by using any available data to estimate commuting distance, carpool rates, etc., (e.g., Census Journey-to-Work data).

Appendix C

STATE OF NEW YORK
DEPARTMENT OF STATE

ONE COMMERCE PLAZA
99 WASHINGTON AVENUE
ALBANY, NY 12231-0001
WWW.DOS.NY.GOV

ANDREW M. CUOMO
GOVERNOR

ROSSANA ROSADO
SECRETARY OF STATE

February 1, 2018

Mr. David F. Vines
Town of Hempstead
350 Front Street
Hempstead, NY 11550

Re: F-2017-1191
U.S. Army Corps of Engineers/New York District Permit
Application -- Town of Hempstead (Anglers Place and
Treasure Lagoon)
Install 35 linear feet of knee wall directly behind curb for
shoreline stabilization and erosion control. Remove existing
sluice-ways, re-grade Anglers Place to eliminate roadway
surface drainage into canal, replace concrete gutters & sod.
Town of Hempstead, Nassau County
General Concurrence

Dear Mr. Vines:

The Department of State received your Federal Consistency Assessment Form and consistency certification and supporting information for this proposal on 12/21/2017.

The Department of State has determined that this proposal meets the Department's general consistency concurrence criteria. Therefore, further review of the proposed activity by the Department of State, and the Department's concurrence with an individual consistency certification for the proposed activity, are not required.

This General concurrence is without prejudice to and does not obviate the need to obtain all other applicable license, permits, other forms of authorizations or approvals that may be required pursuant to existing New York State statutes. Specifically, it appears that you may require authorization from the New York State Department of Environmental Conservation (DEC). Please contact the DEC Region 1 office to determine if their authorization is required.

When communicating with us regarding this matter, please contact us at (518) 474-6000 and refer to our file #F-2017-1191.

Sincerely,



Jeffrey Zappieri
Supervisor, Consistency Review Unit
Office of Planning, Development and
Community Infrastructure

JZ/jn

cc: COE/New York District – Ronald Pinzon
DEC Region 1 – Roger Evans



Department
of State

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COMMISSIONER

JEFFREY M. TIERNEY
DEPUTY COMMISSIONER

TOWN OF HEMPSTEAD
DEPARTMENT of ENGINEERING

350 FRONT STREET
HEMPSTEAD, NY 11550-4037
(516) 489-5000
FAX (516) 489-0024



ANTHONY J. SANTINO
SUPERVISOR

December 15, 2017

N.Y.S.D.O.S.
Division of Coastal Resources, Consistency Review Unit
One Commerce Plaza
99 Washington Avenue, Suite 1010
Albany, N.Y. 12231-00001

Re: Bank Stabilization and Soil Erosion Control
Anglers Place and Treasure Lagoon
Seaford, N.Y.

Dear Sir or Madam:

Attached for your review is an original, signed Federal Consistency Assessment Form for the Project referenced above. We have also attached a copy of the Joint Application for Permit submitted to the New York State Department of Environmental Conservation.

The Purpose of this Project is to provide shoreline stabilization and bank stabilization by constructing a knee wall immediately behind the existing curb at the terminus of Anglers Place to help protect the existing roadway and adjacent properties from storm events that cause flooding and subsequent soil erosion. It is our intent to eliminate two (2) existing sluiceways that currently outfall existing roadway surface drainage into the canal and re-grade Anglers Place to eliminate roadway surface drainage into the canal. Activities that are related to the modification of outfall structures is considered "non-reporting" for Nationwide Permit No. 7 by the United States Army Corps of Engineers (ACOE). As such, application to ACOE is not required provided all work is undertaken in accordance with general conditions of Nationwide Permit No. 7.

Bank Stabilization activities such as the construction of a knee wall for soil erosion control and bank stabilization efforts is considered "non-reporting" under Nationwide Permits No. 13 by the ACOE as the plan will not involve any discharges into special aquatic sites, is less than 500-feet in length and does not involve the discharge of materials. As such, application to ACOE is not required provided all work is undertaken in accordance with general conditions of Nationwide Permit No. 7 and 13.

Should you have any questions, or require additional information, please do not hesitate to contact me at (516) 812-3483.

Sincerely,



Jeffrey M. Tierney
Deputy Commissioner

Attachments:

1. Federal Consistency Assessment Form with Coastal Consistency Analysis
2. Joint Application for Permit Form
3. Project Area Photographs
Pictures were taken in August 2016 by Dominick DeCarlo
4. N.Y.S. Coastal Atlas Map L114 (Amityville South)
5. Project Location Maps
6. Project Plan and Detail Drawings

cc: James P. McAllister, Governor's Office of Storm Recovery

NEW YORK STATE DEPARTMENT OF STATE
COASTAL MANAGEMENT PROGRAM

Federal Consistency Assessment Form

An applicant, seeking a permit, license, waiver, certification or similar type of approval from a federal agency which is subject to the New York State Coastal Management Program (CMP), shall complete this assessment form for any proposed activity that will occur within and/or directly affect the State's Coastal Area. This form is intended to assist an applicant in certifying that the proposed activity is consistent with New York State's CMP as required by U.S. Department of Commerce regulations (15 CFR 930.57). It should be completed at the time when the federal application is prepared. The Department of State will use the completed form and accompanying information in its review of the applicant's certification of consistency.

A. **APPLICANT** (please print)

1. Name: Town of Hempstead
2. Address: 350 Front Street, Hempstead, New York 11550
3. Telephone: Area Code () 516-812-3483

B. **PROPOSED ACTIVITY:**

1. Brief description of activity:

Install 35 linear feet of knee wall directly behind curb for shoreline stabilization and erosion control. Remove existing sluice-ways, re-grade Anglers Place to eliminate roadway surface drainage into canal, replace concrete gutters & sod.

2. Purpose of activity:

To provide for shoreline stabilization to help control flooding and soil erosion.

3. Location of activity:

<u>Nassau</u>	<u>Seaford</u>	<u>Anglers Pl./Treasure La</u>
County	City, Town, or Village	Street or Site Description

4. Type of federal permit/license required: Not Applicable

5. Federal application number, if known: Not Applicable

6. If a state permit/license was issued or is required for the proposed activity, identify the state agency and provide the application or permit number, if known:

New York State Department of Environmental Conservation

C. COASTAL ASSESSMENT Check either "YES" or "NO" for each of these questions. The numbers following each question refer to the policies described in the CMP document (see footnote on page 2) which may be affected by the proposed activity.

1. Will the proposed activity result in any of the following: YES/NO
- a. Large physical change to a site within the coastal area which will require the preparation of an environmental impact statement? (11, 22, 25, 32, 37, 38, 41, 43)
 - b. Physical alteration of more than two acres of land along the shoreline, land under water or coastal waters? (2, 11, 12, 20, 28, 35, 44)
 - c. Revitalization/redevelopment of a deteriorated or underutilized waterfront site? (1)
 - d. Reduction of existing or potential public access to or along coastal waters? (19, 20)
 - e. Adverse effect upon the commercial or recreational use of coastal fish resources? (9,10)
 - f. Siting of a facility essential to the exploration, development and production of energy resources in coastal waters or on the Outer Continental Shelf? (29)
 - g. Siting of a facility essential to the generation or transmission of energy? (27)
 - h. Mining, excavation, or dredging activities, or the placement of dredged or fill material in coastal waters? (15, 35)
 - i. Discharge of toxics, hazardous substances or other pollutants into coastal waters? (8, 15, 35)
 - j. Draining of stormwater runoff or sewer overflows into coastal waters? (33)
 - k. Transport, storage, treatment, or disposal of solid wastes or hazardous materials? (36, 39)
 - l. Adverse effect upon land or water uses within the State's small harbors? (4)
2. Will the proposed activity affect or be located in, on, or adjacent to any of the following: YES/NO
- a. State designated freshwater or tidal wetland? (44)
 - b. Federally designated flood and/or state designated erosion hazard area? (11, 12, 17)
 - c. State designated significant fish and/or wildlife habitat? (7)
 - d. State designated significant scenic resource or area? (24)
 - e. State designated important agricultural lands? (26)
 - f. Beach, dune or Barrier Island? (12)
 - g. Major ports of Albany, Buffalo, Ogdensburg, Oswego or New York? (3)
 - h. State, county, or local park? (19, 20)
 - i. Historic resource listed on the National or State Register of Historic Places? (23)
3. Will the proposed activity require any of the following: YES/NO
- a. Waterfront site? (2, 21, 22)
 - b. Provision of new public services or infrastructure in undeveloped or sparsely populated sections of the coastal area? (5)
 - c. Construction or reconstruction of a flood or erosion control structure? (13, 14, 16)
 - d. State water quality permit or certification? (30, 38, 40)
 - e. State air quality permit or certification? (41, 43)
4. Will the proposed activity occur within and/or affect an area covered by a State-approved local waterfront revitalization program, or State-approved regional coastal management program? (see policies in program document*)

D. ADDITIONAL STEPS

1. If all of the questions in Section C are answered "NO", then the applicant or agency shall complete Section E and submit the documentation required by Section F.
2. If any of the questions in Section C are answered "YES", then the applicant or agent is advised to consult the CMP, or where appropriate, the local waterfront revitalization program document*. The proposed activity must be analyzed in more detail with respect to the applicable state or local coastal policies. On a separate page(s), the applicant or agent shall: (a) identify, by their policy numbers, which coastal policies are affected by the activity, (b) briefly assess the effects of the activity upon the policy; and, (c) state how the activity is consistent with each policy. Following the completion of this written assessment, the applicant or agency shall complete Section E and submit the documentation required by Section F.

E. CERTIFICATION

The applicant or agent must certify that the proposed activity is consistent with the State's CMP or the approved local waterfront revitalization program, as appropriate. If this certification cannot be made, the proposed activity shall not be undertaken. If this certification can be made, complete this Section.

"The proposed activity complies with New York State's approved Coastal Management Program, or with the applicable approved local waterfront revitalization program, and will be conducted in a manner consistent with such program."

Applicant/Agent's Name: Jeffrey M. Tierney
Address: 350 Front Street, Hempstead, New York 11550
Telephone: Area Code () 516-812-3483
Applicant/Agent's Signature:  Date: 12-15-17

F. SUBMISSION REQUIREMENTS

1. The applicant or agent shall submit the following documents to the **New York State Department of State, Office of Planning and Development, Attn: Consistency Review Unit, One Commerce Plaza-Suite 1010, 99 Washington Avenue, Albany, New York 12231.**
 - a. Copy of original signed form.
 - b. Copy of the completed federal agency application.
 - c. Other available information which would support the certification of consistency.
2. The applicant or agent shall also submit a copy of this completed form along with his/her application to the federal agency.
3. If there are any questions regarding the submission of this form, contact the Department of State at (518) 474-6000.

*These state and local documents are available for inspection at the offices of many federal agencies, Department of environmental Conservation and Department of State regional offices, and the appropriate regional and county planning agencies. Local program documents are also available for inspection at the offices of the appropriate local government.

Town Of Hempstead
Installation of Soil & Erosion Control Structure along Anglers Place
Seaford, New York

Federal Consistency Assessment Form Coastal Consistency Analysis

Flooding and Erosion Policy 13:

THE CONSTRUCTION OR RECONSTRUCTION OF EROSION PROTECTION STRUCTURES SHALL BE UNDERTAKEN ONLY IF THEY HAVE A REASONABLE PROBABILITY OF CONTROLLING EROSION FOR AT LEAST THIRTY YEARS AS DEMONSTRATED IN DESIGN AND CONSTRUCTION STANDARDS AND/OR ASSURED MAINTENANCE OR REPLACEMENT PROGRAMS.

- In addition to shoreline stabilization, knee wall construction is also expected to ensure a measurable decrease in erosion, sedimentation and local flooding at the site.

Flooding and Erosion Policy 14:

ACTIVITIES AND DEVELOPMENT, INCLUDING THE CONSTRUCTION OR RECONSTRUCTION OF EROSION PROTECTION STRUCTURES, SHALL BE UNDERTAKEN SO THAT THERE WILL BE NO MEASURABLE INCREASE IN EROSION OR FLOODING AT THE SITE OF SUCH ACTIVITIES OR DEVELOPMENT, OR AT OTHER LOCATIONS.

- In addition to shoreline stabilization, knee wall construction is also expected to ensure a measurable decrease in erosion, sedimentation and local flooding at the site and abutting locations.

Flooding and Erosion Policy 16:

PUBLIC FUNDS SHALL ONLY BE USED FOR EROSION PROTECTIVE STRUCTURES WHERE NECESSARY TO PROTECT HUMAN LIFE, AND NEW DEVELOPMENT WHICH REQUIRES A LOCATION WITHIN OR ADJACENT TO AN EROSION HAZARD AREA TO BE ABLE TO FUNCTION, OR EXISTING DEVELOPMENT; AND ONLY WHERE THE PUBLIC BENEFITS OUTWEIGHT THE LONG TERM MONETARY AND OTHER COSTS INCLUDING THE POTENTIAL FOR INCREASING EROSION AND ADVERSE EFFECTS ON NATURAL PROTECTIVE FEATURES.

- In addition to protection of existing adjacent roadways, residences and human life there will be a measurable decrease in erosion with no adverse effects on natural protective features.

Wetlands Policy 44:

PRESERVE AND PROTECT TIDAL AND FRESHWATER WETLANDS AND PRESERVE THE BENEFITS DERIVED FROM THESE AREAS.

- The project site location is adjacent to New York State Department of Environmental Conservation (NYSDEC) Tidal Wetlands (SM- Coastal Shoals, Bars and Mud Flats). Knee wall construction will help preserve and protect the Tidal Wetlands. Knee wall construction will be undertaken in accordance with Army Corps of Engineers, NYSDEC Tidal Wetlands and Protection of Waters Permits.



JOINT APPLICATION FORM

For Permits for activities affecting streams, waterways, waterbodies, wetlands, coastal areas, sources of water, and endangered and threatened species.

You must separately apply for and obtain Permits from each involved agency before starting work. Please read all instructions.

1. Applications To:

>NYS Department of Environmental Conservation Check here to confirm you sent this form to NYSDEC.

Check all permits that apply:

<input type="checkbox"/> Stream Disturbance	<input type="checkbox"/> Dams and Impoundment Structures	<input checked="" type="checkbox"/> Tidal Wetlands	<input type="checkbox"/> Water Withdrawal
<input checked="" type="checkbox"/> Excavation and Fill in Navigable Waters	<input checked="" type="checkbox"/> 401 Water Quality Certification	<input type="checkbox"/> Wild, Scenic and Recreational Rivers	<input type="checkbox"/> Long Island Well
<input type="checkbox"/> Docks, Moorings or Platforms	<input type="checkbox"/> Freshwater Wetlands	<input type="checkbox"/> Coastal Erosion Management	<input type="checkbox"/> Incidental Take of Endangered / Threatened Species

>US Army Corps of Engineers Check here to confirm you sent this form to USACE.

Check all permits that apply: Section 404 Clean Water Act Section 10 Rivers and Harbors Act

Is the project Federally funded? Yes No

If yes, name of Federal Agency: _____

General Permit Type(s), if known:

Preconstruction Notification: Yes No

>NYS Office of General Services Check here to confirm you sent this form to NYSOGS.

Check all permits that apply:

<input type="checkbox"/> State Owned Lands Under Water	<input type="checkbox"/> Utility Easement (pipelines, conduits, cables, etc.)	<input type="checkbox"/> Docks, Moorings or Platforms
--	---	---

>NYS Department of State Check here to confirm you sent this form to NYSDOS.

Check if this applies: Coastal Consistency Concurrence

2. Name of Applicant Taxpayer ID (if applicant is NOT an individual)

Mailing Address Post Office / City State Zip

Telephone Email

Applicant Must be (check all that apply): Owner Operator Lessee

3. Name of Property Owner (if different than Applicant)

Mailing Address Post Office / City State Zip

Telephone Email

For Agency Use Only Agency Application Number: _____

4. Name of Contact / Agent
 David F. Vines
 Mailing Address: 350 Front Street
 Post Office / City: Hempstead
 State: NY Zip: 11550
 Telephone: 516-812-3488 Email: Davivin@tohmail.org

5. Project / Facility Name
 Anglers Place @ Treasure Lagoon
 Property Tax Map Section / Block / Lot Number: Not Applicable
 Project Street Address, if applicable: Anglers Place
 Post Office / City: Seaford
 State: NY Zip: 11783
 Provide directions and distances to roads, intersections, bridges and bodies of water
 Western end of Anglers Place (235' W on Anglers Place from intersection of Anglers Place and Ocean Avenue at dead end with Treasure Lagoon)
 Town Village City County: Nassau Stream/Waterbody Name: Treasure Lagoon
 Project Location Coordinates: Enter Latitude and Longitude in degrees, minutes, seconds:
 Latitude: 40° 65' 25" Longitude: 73° 49' 84"

6. Project Description: Provide the following information about your project. Continue each response and provide any additional information on other pages. **Attach plans on separate pages.**

a. Purpose of the proposed project:
 Town of Hempstead proposes to install 35 linear feet of a knee wall as a soil and erosion control measure, along Treasure Lagoon adjacent to the West side of Anglers Place in the Hamlet of Seaford, New York. The Town also proposes to re-grade Anglers Place to eliminate roadway surface drainage into the canal. Grade road towards Ocean Avenue.

b. Description of current site conditions:
 No existing soil & erosion control features at this location - two existing concrete sluice-ways from curb down sloped soil, rock and debris to Treasure Lagoon.
 For additional details, please see the attached Project Descriptions, Photographs, and drawings.

c. Proposed site changes:
 Install 35 linear feet of timber knee wall immediately behind curb on West side for erosion protection, remove existing sluice-ways, re-grade Anglers Place and install new concrete gutters.

d. Type of structures and fill materials to be installed, and quantity of materials to be used (e.g., square feet of coverage, cubic yards of fill material, structures below ordinary/mean high water, etc.):
 35 linear feet of timber knee wall with vinyl sheeting.

e. Area of excavation or dredging, volume of material to be removed, location of dredged material placement:
 None
 For additional details, please see the attached Project Descriptions, Photographs, and drawings.

f. Is tree cutting or clearing proposed? Yes If Yes, explain below. No
 Timing of the proposed cutting or clearing (month/year):
 Number of trees to be cut: N/A Acreage of trees to be cleared: N/A

g. Work methods and type of equipment to be used:

Minor excavation to a depth of 1' to 2' with a small excavator.

h. Describe the planned sequence of activities:

Remove existing sluiceways. Install new Knee wall, install new guard rail & signage, re-grade and restore existing pavement and paint/seal new flush curb restore existing driveways and pavers in-kind and restore existing grass areas with sod.

i. Pollution control methods and other actions proposed to mitigate environmental impacts:

Strict no idling standards will be adhered to during construction activities. Minimize disturbances. Equipment will be inspected to verify operation without and leaks or discharges and spill control/cleanup kits will be available on-site during all operations.

j. Erosion and silt control methods that will be used to prevent water quality impacts:

A turbidity curtain will be in place and utilized during all construction activities. All construction activities will be conducted in a manner that avoids/minimizes discharges.

k. Alternatives considered to avoid regulated areas. If no feasible alternatives exist, explain how the project will minimize impacts:

None

l. Proposed use: Private Public Commercial

m. Proposed Start Date: 3/1/2018 Estimated Completion Date: 5/1/2018

n. Has work begun on project? Yes If Yes, explain below. No

o. Will project occupy Federal, State, or Municipal Land? Yes If Yes, explain below. No

Located on Town of Hempstead Property.

p. List any previous DEC, USACE, OGS or DOS Permit / Application numbers for activities at this location:

N/A

q. Will this project require additional Federal, State, or Local authorizations, including zoning changes?

Yes If Yes, list below. No

7. Signatures.

Applicant and Owner (If different) must sign the application.

Append additional pages of this Signature section if there are multiple Applicants, Owners or Contact/Agents.

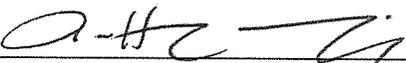
I hereby affirm that information provided on this form and all attachments submitted herewith is true to the best of my knowledge and belief.

Permission to Inspect - I hereby consent to Agency inspection of the project site and adjacent property areas. Agency staff may enter the property without notice between 7:00 am and 7:00 pm, Monday - Friday. Inspection may occur without the owner, applicant or agent present. If the property is posted with "keep out" signs or fenced with an unlocked gate, Agency staff may still enter the property. Agency staff may take measurements, analyze site physical characteristics, take soil and vegetation samples, sketch and photograph the site. I understand that failure to give this consent may result in denial of the permit(s) sought by this application.

False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the NYS Penal Law. Further, the applicant accepts full responsibility for all damage, direct or indirect, of whatever nature, and by whomever suffered, arising out of the project described herein and agrees to indemnify and save harmless the State from suits, actions, damages and costs of every name and description resulting from said project. In addition, Federal Law, 18 U.S.C., Section 1001 provides for a fine of not more than \$10,000 or imprisonment for not more than 5 years, or both where an applicant knowingly and willingly falsifies, conceals, or covers up a material fact; or knowingly makes or uses a false, fictitious or fraudulent statement.

Signature of Applicant

Date



12-15-17

Applicant Must be (check all that apply): Owner Operator Lessee

Printed Name

Title

Jeffrey M. Tierney

Deputy Commissioner

Signature of Owner (if different than Applicant)

Date

Printed Name

Title

Signature of Contact / Agent

Date

Printed Name

Title

For Agency Use Only

DETERMINATION OF NO PERMIT REQUIRED

Agency Application Number

(Agency Name) has determined that No Permit is

required from this Agency for the project described in this application.

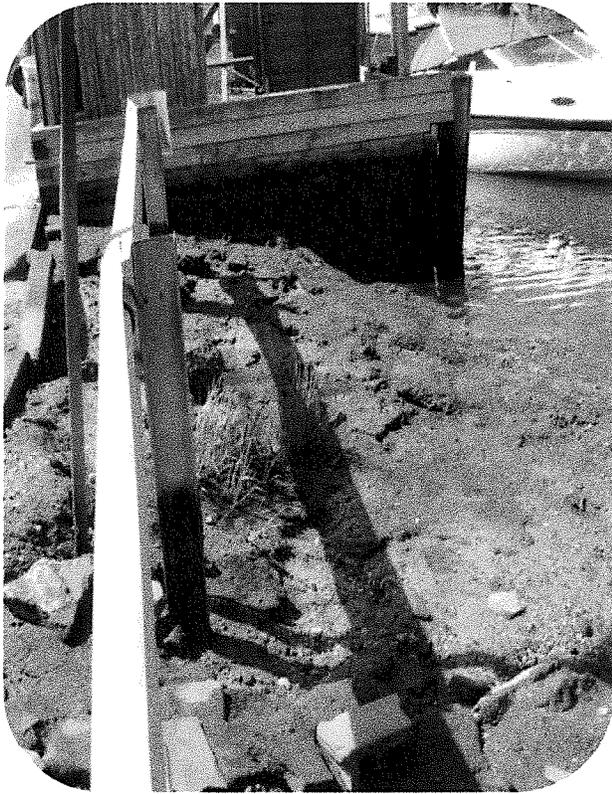
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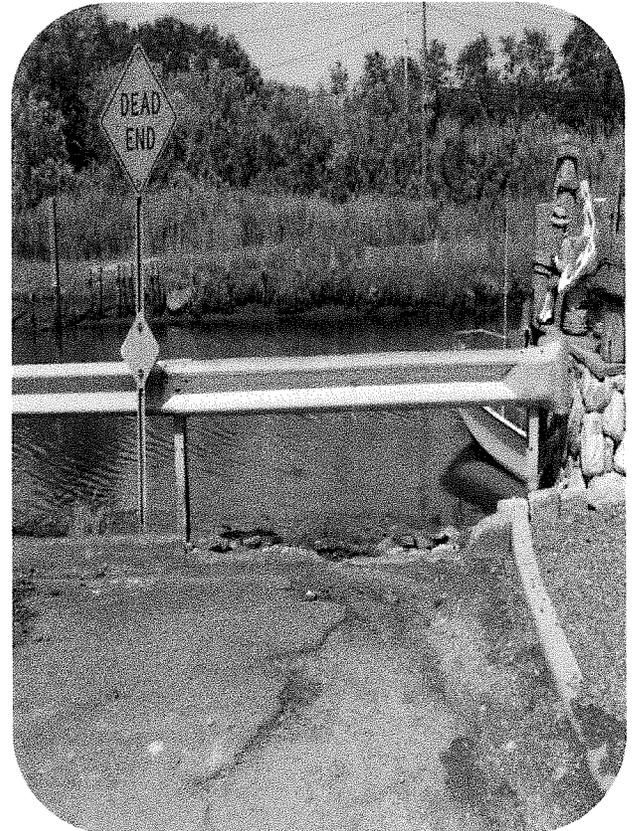
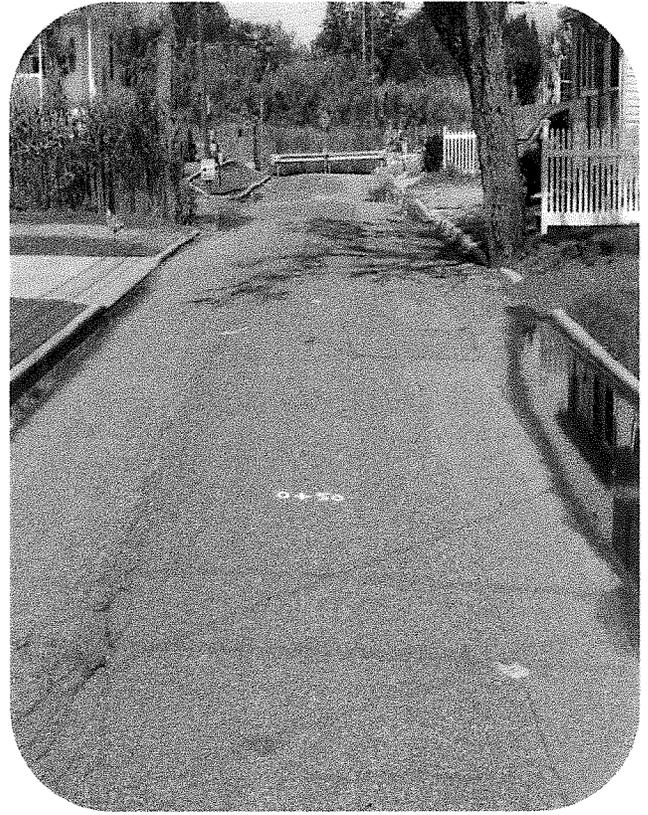
Printed Name

Title

Signature

Date







Amityville (South)

2500 0 2500 5000 feet

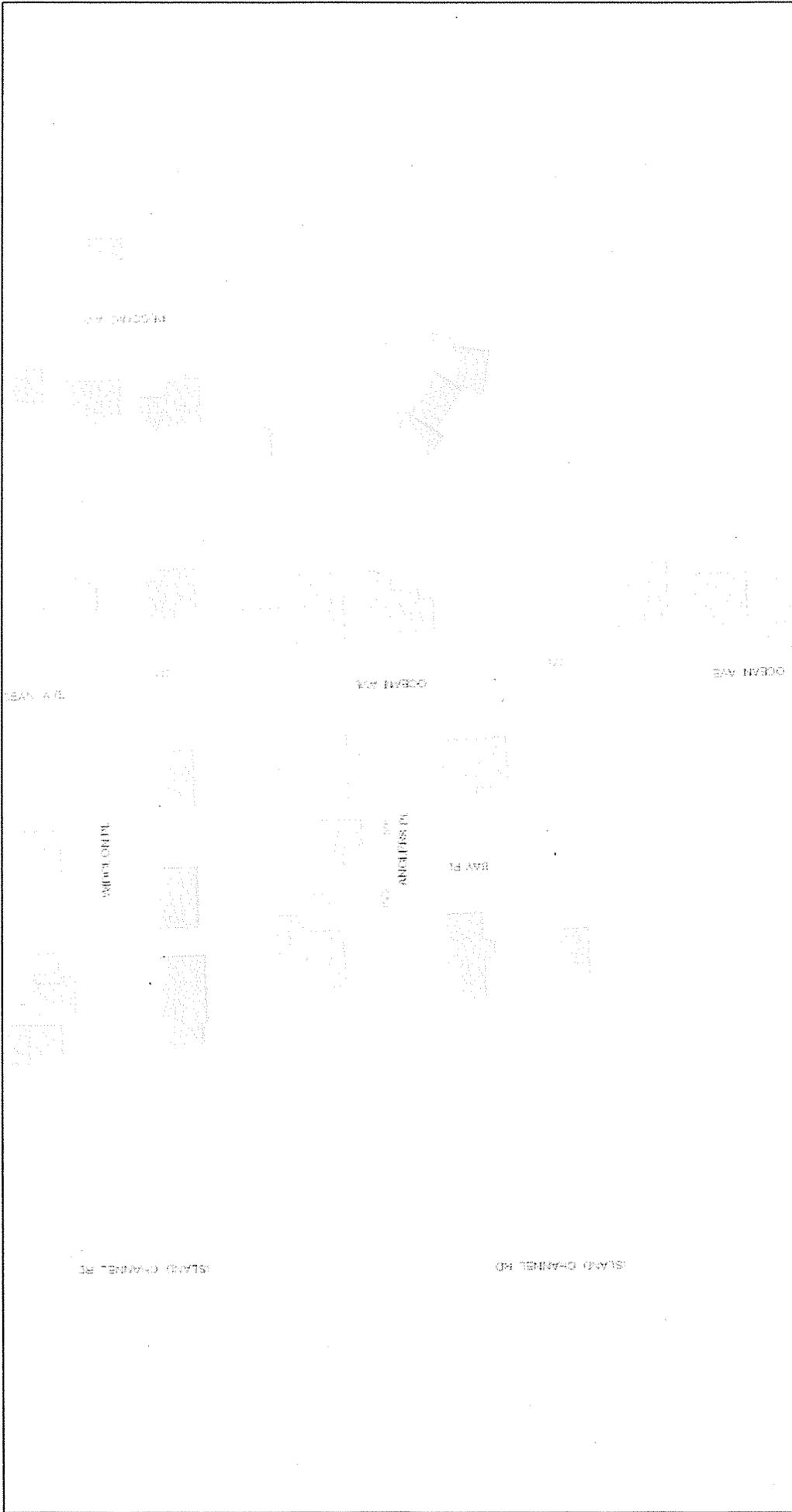


See Freeport (South) ▲

See Bay Shore West (South) ▲

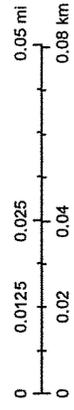
See West Gilgo Beach (North) ▲

Anglers Place, Seaford, NY



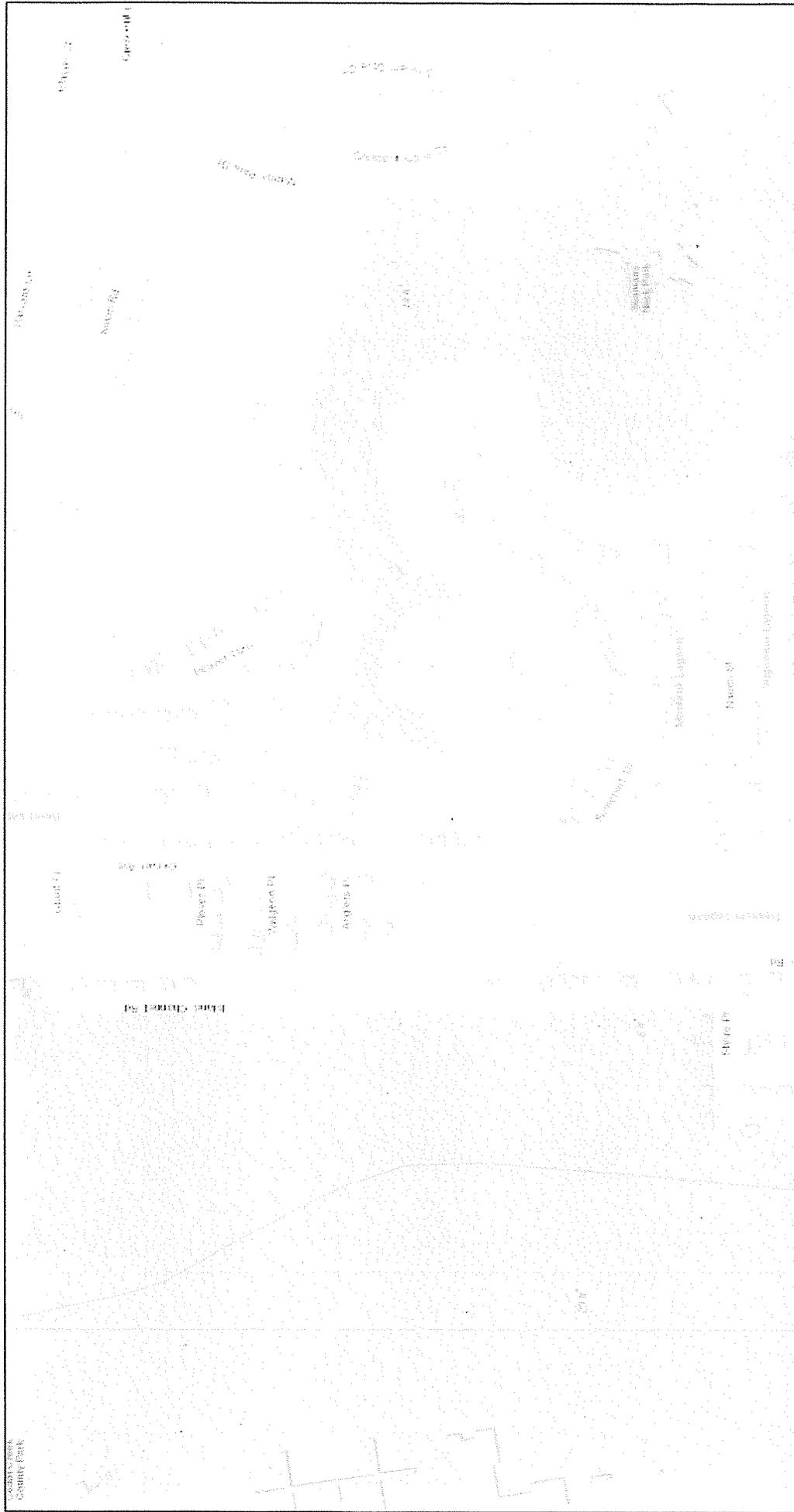
November 3, 2017

1:1,128



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeBCO, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, MapboxIndia, © OpenStreetMap contributors, and the GIS User Community

Anglers Place, Seaford, NY



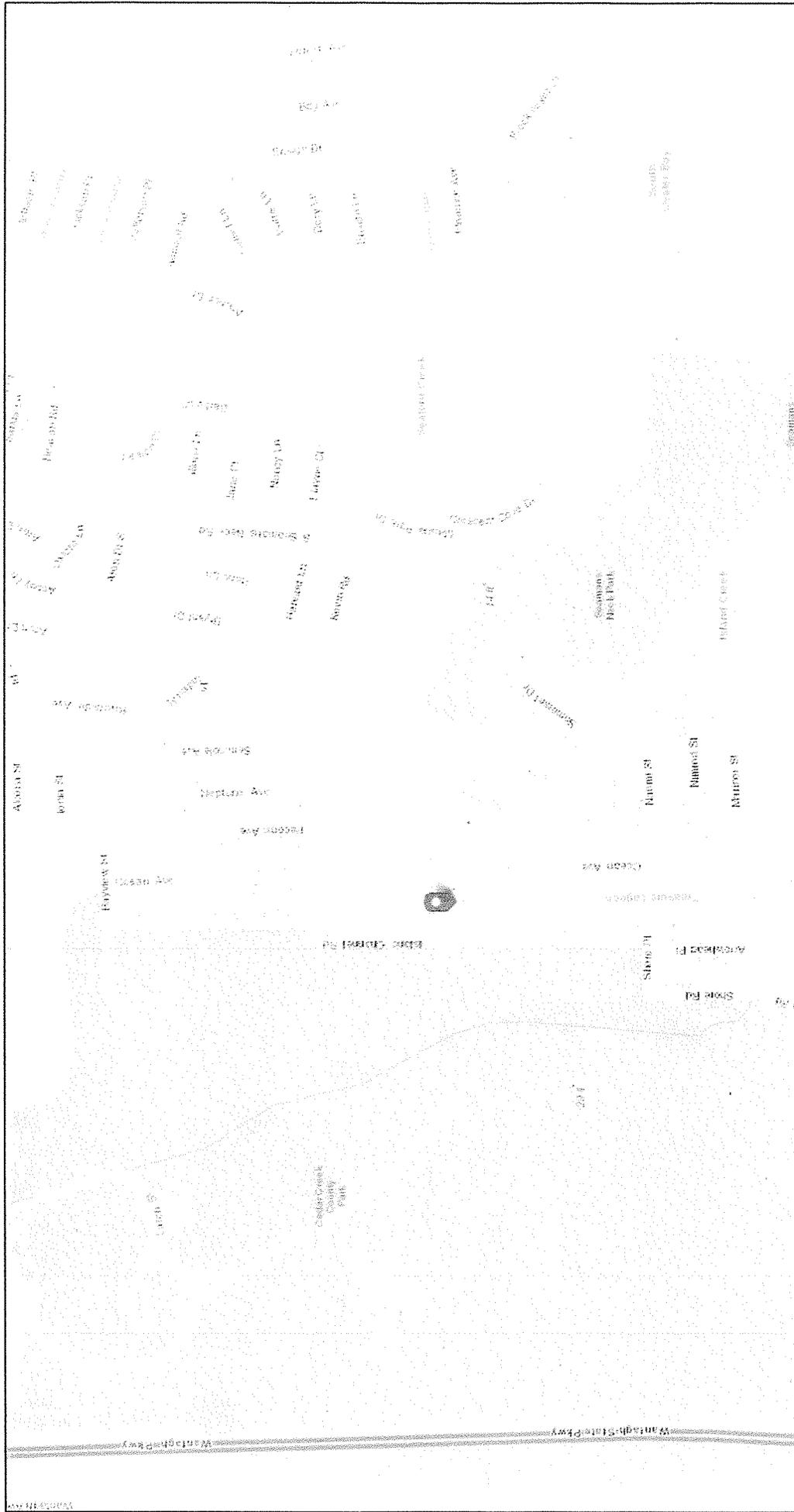
November 3, 2017

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0 0.05 0.1 0.15 0.2 mi
0 0.075 0.15 0.3 km

Sources: Esri, HERE, DeLorme, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeBCast, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, Mapbox, Mapbox, © OpenStreetMap contributors, and the GIS User Community

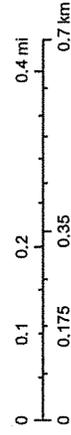
NYS Department of Environmental Conservation
Not a legal document

Anglers Place, Seaford, NY



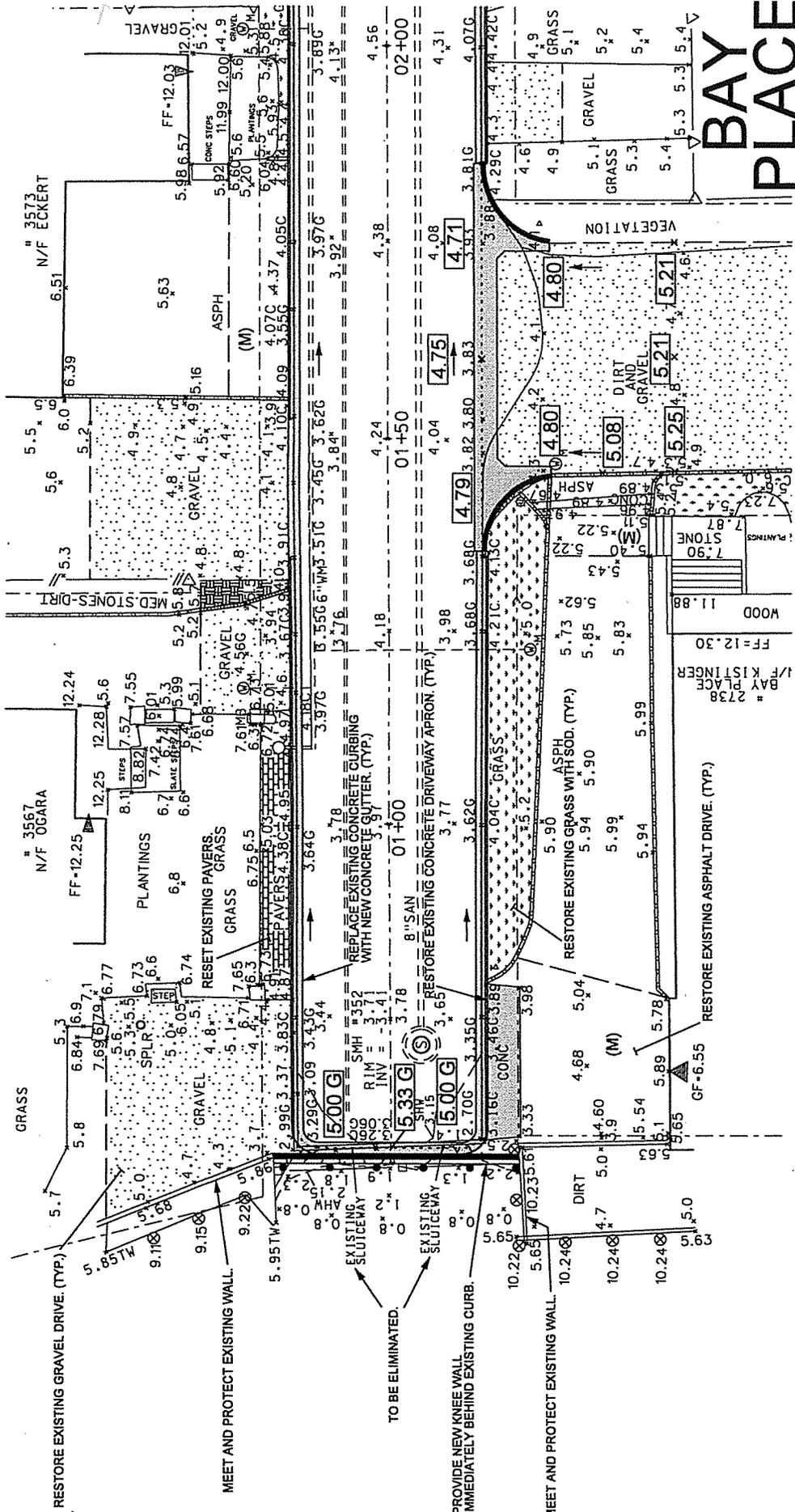
November 3, 2017

1:9,028



Sources: Esri, HERE, DeLorme, Intermap, Increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeBCo, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, MapboxIndia, © OpenStreetMap contributors, and the GIS User Community

ANGLERS PLACE



NEW ELEVATIONS
N.G.V.D. (1929 DATUM)

STA	00+75	01+00	01+25	01+50	01+75	02+00
TG	5.05	4.99	4.93	4.87	4.81	4.75
G	4.97	4.91	4.85	4.79	4.73	4.67
MID CL	5.22	5.16	5.10	5.04	4.98	4.92
CL	5.30	5.24	5.18	5.12	5.06	5.00
MID CL	5.22	5.16	5.10	5.04	4.98	4.92
G	4.97	4.91	4.85	4.79	4.73	4.67
TG	5.05	4.99	4.93	4.87	4.81	4.75
STA	00+75	01+00	01+25	01+50	01+75	02+00

-0.24%

5.33
HP
STA
00+56

NO.	DATE	REVISIONS	IN CHARGE	D.L.T.
			J.M.T.	

Department of Engineering

ANGLERS PLACE PLAN

ROADWAY GRADE RAISE
AND SHORELINE STABILIZATION
ANGLERS PLACE - WIDGEON PLACE AREA
SEAFORD, N.Y.

Scale	1" = 2'
Date	NOV. 2011
Drawn By	
Checked By	
Reviewed By	
Sheet No.	1 of 1

COUNCIL MEMBERS

DOROTHY L. GOOSBY
EDWARD A. AMBROSINO
BRUCE A. BLAKEMAN
ERIN KING SWEENEY
ANTHONY P. D'ESPOSITO
DENNIS DUNNE, Sr.

NASRIN G. AHMAD
TOWN CLERK

DONALD X. CLAVIN, JR.
RECEIVER OF TAXES

DOUGLAS L. TUMAN, P.E., ESQ.
COMMISSIONER

JEFFREY M. TIERNEY
DEPUTY COMMISSIONER

TOWN OF HEMPSTEAD

DEPARTMENT of ENGINEERING

350 FRONT STREET
HEMPSTEAD, NY 11550-4037
(516) 489-5000
FAX (516) 489-0024



ANTHONY J. SANTINO
SUPERVISOR

December 18, 2017

N.Y.S.D.O.S.
Division of Coastal Resources, Consistency Review Unit
One Commerce Plaza
99 Washington Avenue, Suite 1010
Albany, N.Y. 12231-00001

Re: Bank Stabilization and Soil Erosion Control
Plover Place and Treasure Lagoon
Seaford, N.Y.

Dear Sir or Madam:

Attached for your review is an original, signed Federal Consistency Assessment Form for the Project referenced above. We have also attached a copy of the Joint Application for Permit submitted to the New York State Department of Environmental Conservation.

The Purpose of this Project is to provide shoreline stabilization and bank stabilization by constructing a knee wall immediately behind the existing curb at the terminus of Plover Place to help protect the existing roadway and adjacent properties from storm events that cause flooding and subsequent soil erosion. It is our intent to eliminate two (2) existing sluiceways that service the roadway pavement area and provide localized yard drains for adjacent properties with an outfall pipe. Activities that are related to the modification of outfall structures is considered "non-reporting" for Nationwide Permit No. 7 by the United States Army Corps of Engineers (ACOE). As such, application to ACOE is not required provided all work is undertaken in accordance with general conditions of Nationwide Permit No. 7.

Bank Stabilization activities such as the construction of a knee wall for soil erosion control and bank stabilization efforts is considered "non-reporting" under Nationwide Permits No. 13 by the ACOE as the plan will not involve any discharges into special aquatic sites, is less than 500-feet in length and does not involve the discharge of materials. As such, application to ACOE is not required provided all work is undertaken in accordance with general conditions of Nationwide Permit No. 7 and 13.

Should you have any questions, or require additional information, please do not hesitate to contact me at (516) 812-3483.

Sincerely,



Jeffrey M. Tierney
Deputy Commissioner

Attachments:

1. Federal Consistency Assessment Form with Coastal Consistency Analysis
2. Joint Application for Permit Form
3. Project Area Photographs
Pictures were taken in August 2016 by Dominick DeCarlo
4. N.Y.S. Coastal Atlas Map L114 (Amityville South)
5. Project Location Maps
6. Project Plan and Detail Drawings

cc: James P. McAllister, Governor's Office of Storm Recovery

NEW YORK STATE DEPARTMENT OF STATE
COASTAL MANAGEMENT PROGRAM

Federal Consistency Assessment Form

An applicant, seeking a permit, license, waiver, certification or similar type of approval from a federal agency which is subject to the New York State Coastal Management Program (CMP), shall complete this assessment form for any proposed activity that will occur within and/or directly affect the State's Coastal Area. This form is intended to assist an applicant in certifying that the proposed activity is consistent with New York State's CMP as required by U.S. Department of Commerce regulations (15 CFR 930.57). It should be completed at the time when the federal application is prepared. The Department of State will use the completed form and accompanying information in its review of the applicant's certification of consistency.

A. **APPLICANT** (please print)

1. Name: Town of Hempstead
2. Address: 350 Front Street, Hempstead, New York 11550
3. Telephone: Area Code () 516-812-3483

B. **PROPOSED ACTIVITY:**

1. Brief description of activity:

Install 35 linear feet of knee wall directly behind curb for shoreline stabilization and erosion control, install new outfall. Re-grade road to eliminate roadway surface drainage into canal and install lawn drains.

2. Purpose of activity:

To provide for shoreline stabilization to help control flooding and soil erosion.

3. Location of activity:

<u>Nassau</u>	<u>Seaford</u>	<u>Plover Pt./Treasure Lago</u>
County	City, Town, or Village	Street or Site Description

4. Type of federal permit/license required: Not Applicable

5. Federal application number, if known: Not Applicable

6. If a state permit/license was issued or is required for the proposed activity, identify the state agency and provide the application or permit number, if known:

New York State Department of Environmental Conservation

C. COASTAL ASSESSMENT Check either "YES" or "NO" for each of these questions. The numbers following each question refer to the policies described in the CMP document (see footnote on page 2) which may be affected by the proposed activity.

1. Will the proposed activity result in any of the following: YES/NO
- a. Large physical change to a site within the coastal area which will require the preparation of an environmental impact statement? (11, 22, 25, 32, 37, 38, 41, 43)
 - b. Physical alteration of more than two acres of land along the shoreline, land under water or coastal waters? (2, 11, 12, 20, 28, 35, 44)
 - c. Revitalization/redevelopment of a deteriorated or underutilized waterfront site? (1)
 - d. Reduction of existing or potential public access to or along coastal waters? (19, 20)
 - e. Adverse effect upon the commercial or recreational use of coastal fish resources? (9,10)
 - f. Siting of a facility essential to the exploration, development and production of energy resources in coastal waters or on the Outer Continental Shelf? (29)
 - g. Siting of a facility essential to the generation or transmission of energy? (27)
 - h. Mining, excavation, or dredging activities, or the placement of dredged or fill material in coastal waters? (15, 35)
 - i. Discharge of toxics, hazardous substances or other pollutants into coastal waters? (8, 15, 35)
 - j. Draining of stormwater runoff or sewer overflows into coastal waters? (33)
 - k. Transport, storage, treatment, or disposal of solid wastes or hazardous materials? (36, 39)
 - l. Adverse effect upon land or water uses within the State's small harbors? (4)
2. Will the proposed activity affect or be located in, on, or adjacent to any of the following: YES/NO
- a. State designated freshwater or tidal wetland? (44)
 - b. Federally designated flood and/or state designated erosion hazard area? (11, 12, 17)
 - c. State designated significant fish and/or wildlife habitat? (7)
 - d. State designated significant scenic resource or area? (24)
 - e. State designated important agricultural lands? (26)
 - f. Beach, dune or Barrier Island? (12)
 - g. Major ports of Albany, Buffalo, Ogdensburg, Oswego or New York? (3)
 - h. State, county, or local park? (19, 20)
 - i. Historic resource listed on the National or State Register of Historic Places? (23)
3. Will the proposed activity require any of the following: YES/NO
- a. Waterfront site? (2, 21, 22)
 - b. Provision of new public services or infrastructure in undeveloped or sparsely populated sections of the coastal area? (5)
 - c. Construction or reconstruction of a flood or erosion control structure? (13, 14, 16)
 - d. State water quality permit or certification? (30, 38, 40)
 - e. State air quality permit or certification? (41, 43)
4. Will the proposed activity occur within and/or affect an area covered by a State-approved local waterfront revitalization program, or State-approved regional coastal management program? (see policies in program document*)

D. ADDITIONAL STEPS

1. If all of the questions in Section C are answered "NO", then the applicant or agency shall complete Section E and submit the documentation required by Section F.
2. If any of the questions in Section C are answered "YES", then the applicant or agent is advised to consult the CMP, or where appropriate, the local waterfront revitalization program document*. The proposed activity must be analyzed in more detail with respect to the applicable state or local coastal policies. On a separate page(s), the applicant or agent shall: (a) identify, by their policy numbers, which coastal policies are affected by the activity, (b) briefly assess the effects of the activity upon the policy; and, (c) state how the activity is consistent with each policy. Following the completion of this written assessment, the applicant or agency shall complete Section E and submit the documentation required by Section F.

E. CERTIFICATION

The applicant or agent must certify that the proposed activity is consistent with the State's CMP or the approved local waterfront revitalization program, as appropriate. If this certification cannot be made, the proposed activity shall not be undertaken. If this certification can be made, complete this Section.

"The proposed activity complies with New York State's approved Coastal Management Program, or with the applicable approved local waterfront revitalization program, and will be conducted in a manner consistent with such program."

Applicant/Agent's Name: Jeffrey M. Tierney
Address: 350 Front Street, Hempstead, New York 11550
Telephone: Area Code () 516-812-3483
Applicant/Agent's Signature:  Date: 12-18-17

F. SUBMISSION REQUIREMENTS

1. The applicant or agent shall submit the following documents to the **New York State Department of State, Office of Planning and Development, Attn: Consistency Review Unit, One Commerce Plaza-Suite 1010, 99 Washington Avenue, Albany, New York 12231.**
 - a. Copy of original signed form.
 - b. Copy of the completed federal agency application.
 - c. Other available information which would support the certification of consistency.
2. The applicant or agent shall also submit a copy of this completed form along with his/her application to the federal agency.
3. If there are any questions regarding the submission of this form, contact the Department of State at (518) 474-6000.

*These state and local documents are available for inspection at the offices of many federal agencies, Department of environmental Conservation and Department of State regional offices, and the appropriate regional and county planning agencies. Local program documents are also available for inspection at the offices of the appropriate local government.

Town Of Hempstead
Installation of Soil & Erosion Control Structure along Plover Place
Seaford, New York

Federal Consistency Assessment Form Coastal Consistency Analysis

Flooding and Erosion Policy 13:

THE CONSRUCTION OR RECONSTRUCTION OF EROSION PROTECTION STRUCTURES SHALL BE UNDERTACKEN ONLY IF THEY HAVE A RESONABLE PROBABILITY OF CONTROLLING EROSION FOR AT LEAST THIRTY YEARS AS DEMONSTRATED IN DESIGN AND CONSTRUCTION STANDARDS AND/OR ASSURED MAINTENANCE OR REPLACEMENT PROGRAMS.

- In addition to shoreline stabilization, knee wall construction is also expected to ensure a measurable decrease in erosion, sedimentation and local flooding at the site.

Flooding and Erosion Policy 14:

ACTIVITIES AND DEVELOPMENT, INCLUDING THE CONSTRUCTION OR RECONSTRUCTION OF EROSION PROTECTION STRUCTURES, SHALL BE UNDERTAKEN SO THAT HERE WILL BE NO MEASUREABLE INCREASE IN EROSION OR FLOODING AT THE SITE OF SUCH ACTIVITIES OR DEVELOPMENT, OR AT OTHER LOCATIONS.

- In addition to shoreline stabilization, knee wall construction is also expected to ensure a measurable decrease in erosion, sedimentation and local flooding at the site and abutting locations.

Flooding and Erosion Policy 16:

PUBLIC FUNDS SHALL ONLY BE USED FOR EROSION PROTECTIVE STRUCTURES WHERE NECESSARY TO PROTECT HUMAN LIFE, AND NEW DEVELOPMENT WHICH REQUIRES A LOCATION WITHIN OR ADJACENT TO AN EROSION HARZARD AREA TO BE ABLE TO FUNCITON, OR EXISTING DEVELOPMENT; AND ONLY WHERE THE PUBLIC BENEFITS OUTWEIGHT THE LONG TERM MONETARY AND OTHER COSTS INCLUDING THE POTENTIAL FOR INCREASING EROSION AND ADVERSE EFFECTS ON NATURAL PROTECTIVE FEAUTRES.

- In addition to protection of existing adjacent roadways, residences and human life there will be a measurable decrease in erosion with no adverse effects on natural protective features.

Wetlands Policy 44:

PRESERVE AND PROTECT TIDAL AND FRESHWATER WETLANDS AND PRESERVE THE BENEFITS DERIVED FROM THESE AREAS.

- The project site location ise adjacent to New York State Department of Environmental Conservation (NYSDEC) Tidal Wetlands (SM- Coastal Shoals, Bars and Mud Flats). Knee wall construction will help preserve and protect the Tidal Wetlands. Knee wall construction will be undertaken in accordance with Army Corps of Engineers, NYSDEC Tidal Wetlands and Protection of Waters Permits.



JOINT APPLICATION FORM

For Permits for activities affecting streams, waterways, waterbodies, wetlands, coastal areas, sources of water, and endangered and threatened species.

You must separately apply for and obtain Permits from each involved agency before starting work. Please read all instructions.

1. Applications To:

>NYS Department of Environmental Conservation Check here to confirm you sent this form to NYSDEC.

Check all permits that apply:

<input type="checkbox"/> Stream Disturbance	<input type="checkbox"/> Dams and Impoundment Structures	<input checked="" type="checkbox"/> Tidal Wetlands	<input type="checkbox"/> Water Withdrawal
<input checked="" type="checkbox"/> Excavation and Fill in Navigable Waters	<input checked="" type="checkbox"/> 401 Water Quality Certification	<input type="checkbox"/> Wild, Scenic and Recreational Rivers	<input type="checkbox"/> Long Island Well
<input type="checkbox"/> Docks, Moorings or Platforms	<input type="checkbox"/> Freshwater Wetlands	<input type="checkbox"/> Coastal Erosion Management	<input type="checkbox"/> Incidental Take of Endangered / Threatened Species

>US Army Corps of Engineers Check here to confirm you sent this form to USACE.

Check all permits that apply: Section 404 Clean Water Act Section 10 Rivers and Harbors Act

Is the project Federally funded? Yes No

If yes, name of Federal Agency: _____

General Permit Type(s), if known:

Preconstruction Notification: Yes No

>NYS Office of General Services Check here to confirm you sent this form to NYSOGS.

Check all permits that apply:

<input type="checkbox"/> State Owned Lands Under Water	<input type="checkbox"/> Utility Easement (pipelines, conduits, cables, etc.)	<input type="checkbox"/> Docks, Moorings or Platforms
--	---	---

>NYS Department of State Check here to confirm you sent this form to NYSDOS.

Check if this applies: Coastal Consistency Concurrence

2. Name of Applicant

Telephone Email

Taxpayer ID (if applicant is NOT an individual)

Post Office / City State Zip

Applicant Must be (check all that apply): Owner Operator Lessee

3. Name of Property Owner (if different than Applicant)

Mailing Address

Post Office / City State Zip

Telephone Email

For Agency Use Only Agency Application Number:

4. Name of Contact / Agent
 David F. Vines
 Mailing Address: 350 Front Street
 Post Office / City: Hempstead State: NY Zip: 11550
 Telephone: 516-812-3488 Email: Davivin@tohmail.org

5. Project / Facility Name
 Plover Place @ Treasure Lagoon
 Property Tax Map Section / Block / Lot Number: Not Applicable
 Project Street Address, if applicable: Plover Place
 Post Office / City: Seaford State: NY Zip: 11783
 Provide directions and distances to roads, intersections, bridges and bodies of water:
 Western end of Anglers Place (235' W on Plover Place from intersection of Plover Place and Ocean Avenue at dead end with Treasure Lagoon)
 Town Village City County: Nassau Stream/Waterbody Name: Treasure Lagoon
 Project Location Coordinates: Enter Latitude and Longitude in degrees, minutes, seconds:
 Latitude: 40° 65' 36" Longitude: 73° 49' 84"

6. Project Description: Provide the following information about your project. Continue each response and provide any additional information on other pages. **Attach plans on separate pages.**

a. Purpose of the proposed project:
 Town of Hempstead proposes to install 35 linear feet of a knee wall as a soil and erosion control measure, along Treasure Lagoon adjacent to the West side of Plover Place in the Hamlet of Seaford, New York. The Town also proposes to replace a functioning outfall structure (and Storm Drain piping) & new Yard drains with filter inserts. Grade road towards Ocean Avenue.

b. Description of current site conditions:
 No existing soil & erosion control features at this location - two existing sluice-ways from curb down sloped soil, rock and debris to Treasure Lagoon.
 For additional details, please see the attached Project Descriptions, Photographs, and drawings.

c. Proposed site changes:
 Install 35 linear feet of timber knee wall immediately behind curb on West side for erosion protection, remove existing sluice-ways, install new yard drains, provide new filter insert, provide new storm drain outfall pipe with tidal check valve.

d. Type of structures and fill materials to be installed, and quantity of materials to be used (e.g., square feet of coverage, cubic yards of fill material, structures below ordinary/mean high water, etc.):
 35 linear feet of timber knee wall with vinyl sheeting.

e. Area of excavation or dredging, volume of material to be removed, location of dredged material placement:
 None
 For additional details, please see the attached Project Descriptions, Photographs, and drawings.

f. Is tree cutting or clearing proposed? Yes If Yes, explain below. No
 Timing of the proposed cutting or clearing (month/year):
 Number of trees to be cut: N/A Acreage of trees to be cleared: N/A

g. Work methods and type of equipment to be used:

Minor excavation to a depth of 1' to 2' with a small excavator.

h. Describe the planned sequence of activities:

Remove existing sluiceways. Install new Knee wall, install yard drains, storm drain pipe, install new guard rail & signage, restore existing pavement and paint/seal new flush curb.

i. Pollution control methods and other actions proposed to mitigate environmental impacts:

Strict no idling standards will be adhered to during construction activities. Minimize disturbances. Equipment will be inspected to verify operation without and leaks or discharges and spill control/cleanup kits will be available on-site during all operations.

j. Erosion and silt control methods that will be used to prevent water quality impacts:

A turbidity curtain will be in place and utilized during all construction activities. All construction activities will be conducted in a manner that avoids/minimizes discharges.

k. Alternatives considered to avoid regulated areas. If no feasible alternatives exist, explain how the project will minimize impacts:

None

l. Proposed use: Private Public Commercial

m. Proposed Start Date: 3/1/2018 Estimated Completion Date: 5/1/2018

n. Has work begun on project? Yes If Yes, explain below. No

o. Will project occupy Federal, State, or Municipal Land? Yes If Yes, explain below. No

Located on Town of Hempstead Property.

p. List any previous DEC, USACE, OGS or DOS Permit / Application numbers for activities at this location:

N/A

q. Will this project require additional Federal, State, or Local authorizations, including zoning changes?

Yes If Yes, list below. No

7. Signatures.

Applicant and Owner (If different) must sign the application.

Append additional pages of this Signature section if there are multiple Applicants, Owners or Contact/Agents.

I hereby affirm that information provided on this form and all attachments submitted herewith is true to the best of my knowledge and belief.

Permission to Inspect - I hereby consent to Agency inspection of the project site and adjacent property areas. Agency staff may enter the property without notice between 7:00 am and 7:00 pm, Monday - Friday. Inspection may occur without the owner, applicant or agent present. If the property is posted with "keep out" signs or fenced with an unlocked gate, Agency staff may still enter the property. Agency staff may take measurements, analyze site physical characteristics, take soil and vegetation samples, sketch and photograph the site. I understand that failure to give this consent may result in denial of the permit(s) sought by this application.

False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the NYS Penal Law. Further, the applicant accepts full responsibility for all damage, direct or indirect, of whatever nature, and by whomever suffered, arising out of the project described herein and agrees to indemnify and save harmless the State from suits, actions, damages and costs of every name and description resulting from said project. In addition, Federal Law, 18 U.S.C., Section 1001 provides for a fine of not more than \$10,000 or imprisonment for not more than 5 years, or both where an applicant knowingly and willingly falsifies, conceals, or covers up a material fact; or knowingly makes or uses a false, fictitious or fraudulent statement.

Signature of Applicant



Date

12-18-17

Applicant Must be (check all that apply): Owner Operator Lessee

Printed Name

Jeffrey M. Tierney

Title

Deputy Commissioner

Signature of Owner (if different than Applicant)

Date

Printed Name

Title

Signature of Contact / Agent

Date

Printed Name

Title

For Agency Use Only

DETERMINATION OF NO PERMIT REQUIRED

Agency Application Number

(Agency Name) has determined that No Permit is required from this Agency for the project described in this application.

Agency Representative:

Printed Name

Title

Signature

Date







TIDAL WETLANDS MAP
 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 MAP 62C-500

INDEX MAP NUMBER 2

FOR A COMPLETE LIST OF TIDAL WETLANDS AND A MAP OF THE AVAILABLE PORTION
 OF THE STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION NUMBER 60, STATE UNIVERSITY OF NEW YORK
 STATE COLLEGE, NEW YORK 13850

SCALE 1:2400

LEGEND

POLITICAL BOUNDARIES

- State
- County
- Town/City
- Neighborhood
- Water Resource

WETLANDS CATEGORIES

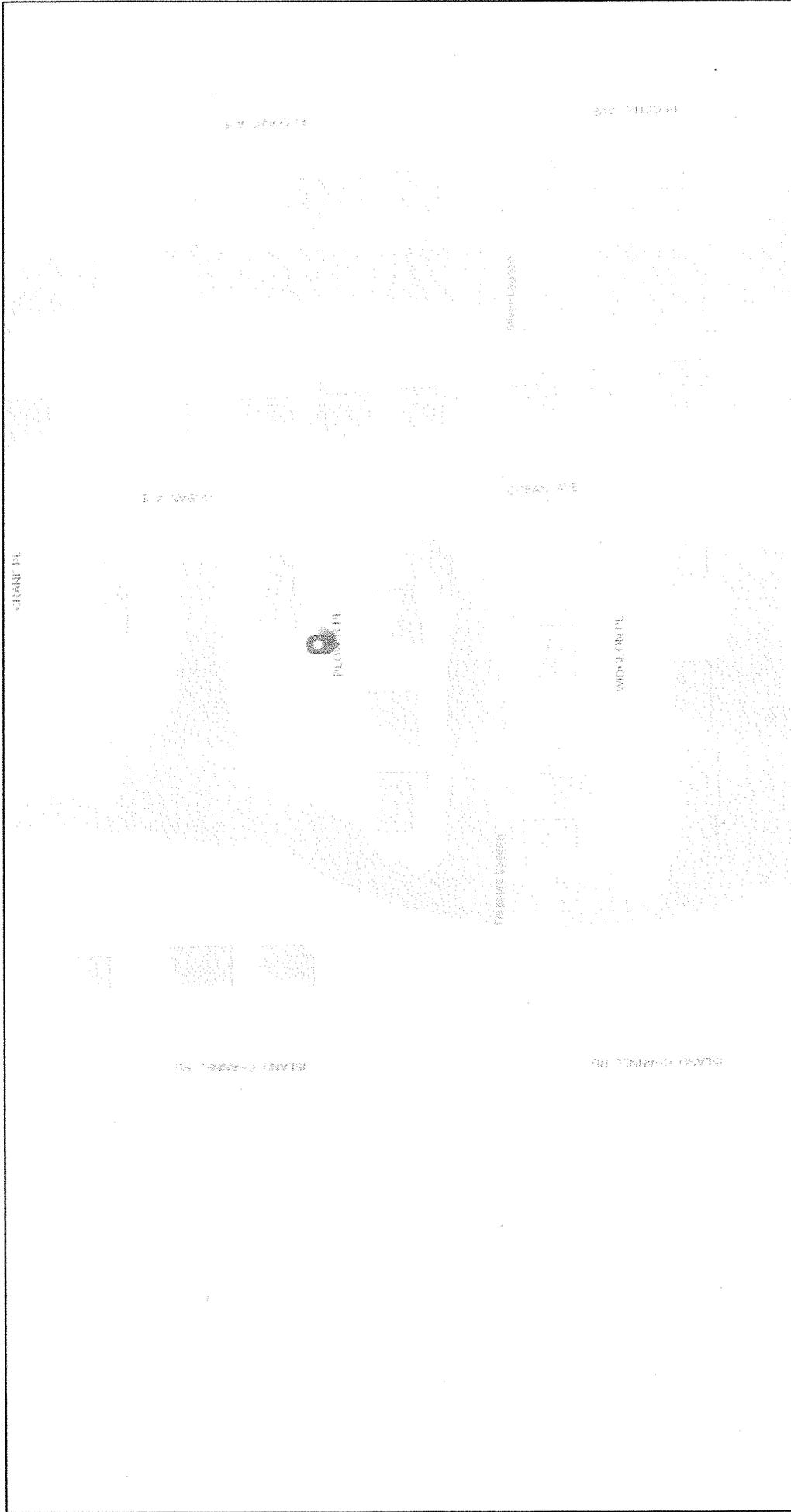
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FOR A COMPLETE LIST OF TIDAL WETLANDS AND A MAP OF THE AVAILABLE PORTION OF THE STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION NUMBER 60, STATE UNIVERSITY OF NEW YORK STATE COLLEGE, NEW YORK 13850

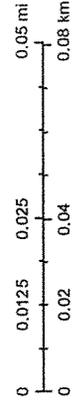


Plover Place, Seaford, NY



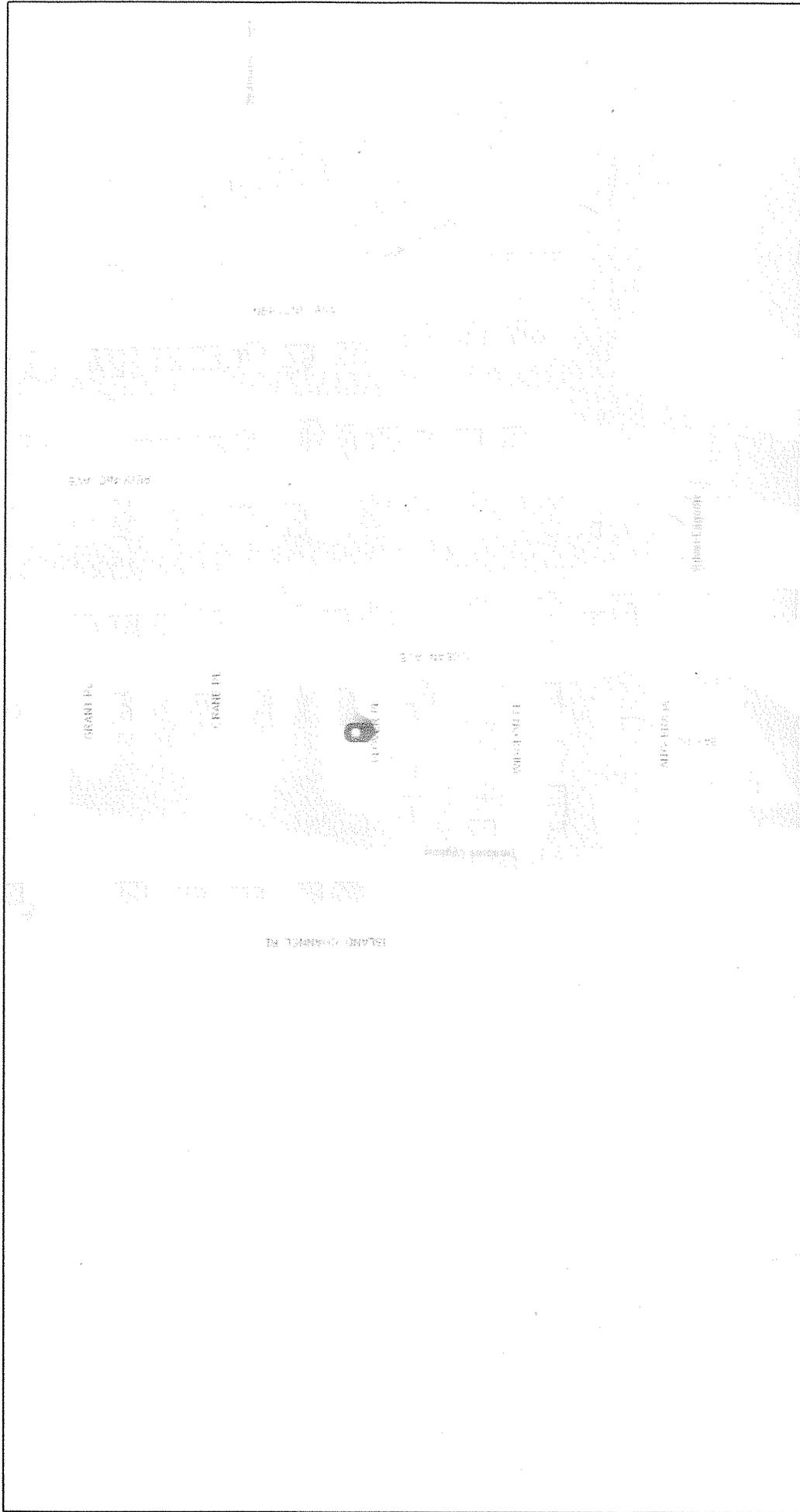
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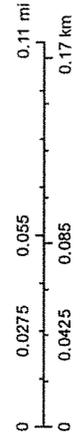
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Plover Place, Seaford, NY



November 3, 2017

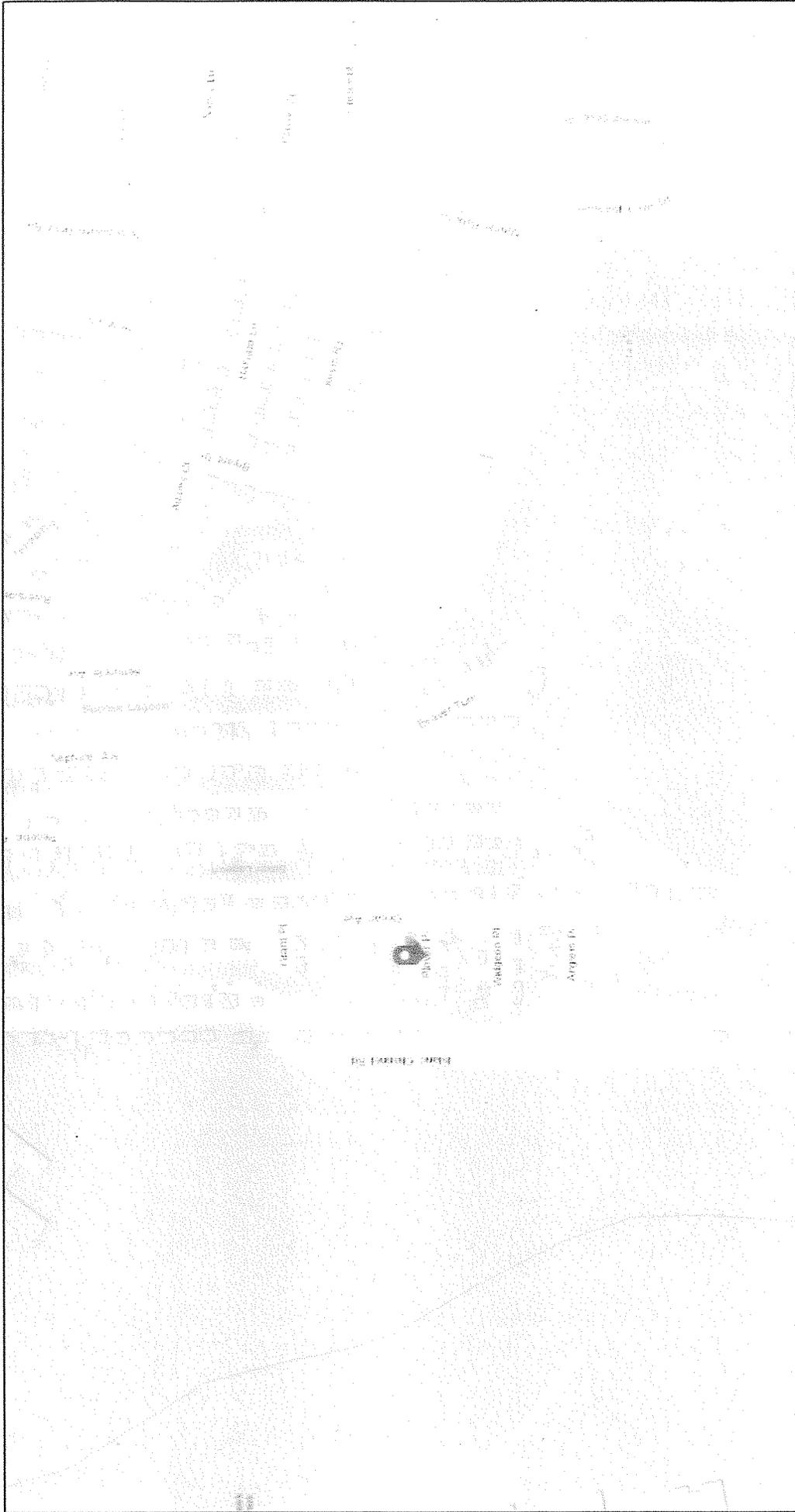
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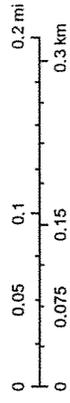
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Plover Place, Seaford, NY



November 3, 2017

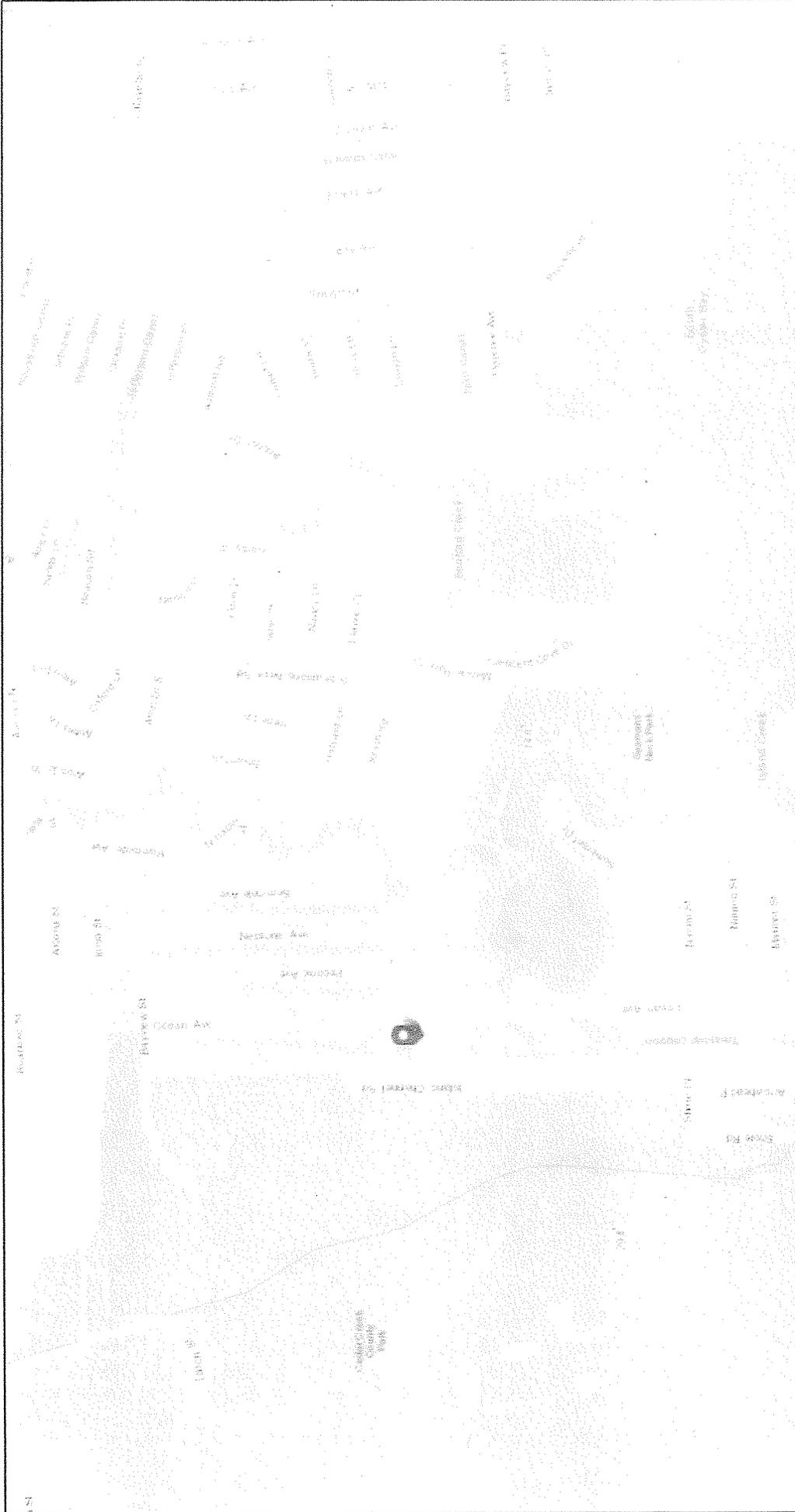
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Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

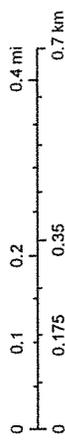
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COMMISSIONER

JEFFREY M. TIERNEY
DEPUTY COMMISSIONER

TOWN OF HEMPSTEAD

DEPARTMENT of ENGINEERING

350 FRONT STREET
HEMPSTEAD, NY 11550-4037
(516) 489-5000
FAX (516) 489-0024



ANTHONY J. SANTINO
SUPERVISOR

December 18, 2017

N.Y.S.D.O.S.
Division of Coastal Resources, Consistency Review Unit
One Commerce Plaza
99 Washington Avenue, Suite 1010
Albany, N.Y. 12231-00001

Re: Bank Stabilization and Soil Erosion Control
Widgeon Place and Treasure Lagoon
Seaford, N.Y.

Dear Sir or Madam:

Attached for your review is an original, signed Federal Consistency Assessment Form for the Project referenced above. We have also attached a copy of the Joint Application for Permit submitted to the New York State Department of Environmental Conservation.

The Purpose of this Project is to provide shoreline stabilization and bank stabilization by constructing a knee wall immediately behind the existing curb at the terminus of Widgeon Place to help protect the existing roadway and adjacent properties from storm events that cause flooding and subsequent soil erosion. It is our intent to eliminate two (2) existing sluiceways that service the roadway pavement area and provide localized yard drains for adjacent properties with an outfall pipe. Activities that are related to the modification of outfall structures is considered "non-reporting" for Nationwide Permit No. 7 by the United States Army Corps of Engineers (ACOE). As such, application to ACOE is not required provided all work is undertaken in accordance with general conditions of Nationwide Permit No. 7.

Bank Stabilization activities such as the construction of a knee wall for soil erosion control and bank stabilization efforts is considered "non-reporting" under Nationwide Permits No. 13 by the ACOE as the plan will not involve any discharges into special aquatic sites, is less than 500-feet in length and does not involve the discharge of materials. As such, application to ACOE is not required provided all work is undertaken in accordance with general conditions of Nationwide Permit No. 7 and 13.

Should you have any questions, or require additional information, please do not hesitate to contact me at (516) 812-3483.

Sincerely,



Jeffrey M. Tierney
Deputy Commissioner

Attachments:

1. Federal Consistency Assessment Form with Coastal Consistency Analysis
2. Joint Application for Permit Form
3. Project Area Photographs
Pictures were taken in August 2016 by Dominick DeCarlo
4. N.Y.S. Coastal Atlas Map L114 (Amityville South)
5. Project Location Maps
6. Project Plan and Detail Drawings

cc: James P. McAllister, Governor's Office of Storm Recovery

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NEW YORK STATE DEPARTMENT OF STATE
COASTAL MANAGEMENT PROGRAM

Federal Consistency Assessment Form

An applicant, seeking a permit, license, waiver, certification or similar type of approval from a federal agency which is subject to the New York State Coastal Management Program (CMP), shall complete this assessment form for any proposed activity that will occur within and/or directly affect the State's Coastal Area. This form is intended to assist an applicant in certifying that the proposed activity is consistent with New York State's CMP as required by U.S. Department of Commerce regulations (15 CFR 930.57). It should be completed at the time when the federal application is prepared. The Department of State will use the completed form and accompanying information in its review of the applicant's certification of consistency.

A. **APPLICANT** (please print)

1. Name: Town of Hempstead
2. Address: 350 Front Street, Hempstead, New York 11550
3. Telephone: Area Code () 516-812-3483

B. **PROPOSED ACTIVITY:**

1. Brief description of activity:

Install 35 linear feet of knee wall directly behind curb for shoreline stabilization and erosion control, install new outfall and re-grade road to eliminate roadway surface drainage into canal, install lawn drains and repair curbs & gutters.

2. Purpose of activity:

To provide for shoreline stabilization to help control flooding and soil erosion.

3. Location of activity:

<u>Nassau</u>	<u>Seaford</u>	<u>Widgeon Pt./Treasure L:</u>
County	City, Town, or Village	Street or Site Description

4. Type of federal permit/license required: Not Applicable

5. Federal application number, if known: Not Applicable

6. If a state permit/license was issued or is required for the proposed activity, identify the state agency and provide the application or permit number, if known:

New York State Department of Environmental Conservation

C. COASTAL ASSESSMENT Check either "YES" or "NO" for each of these questions. The numbers following each question refer to the policies described in the CMP document (see footnote on page 2) which may be affected by the proposed activity.

1. Will the proposed activity result in any of the following: YES/NO
- a. Large physical change to a site within the coastal area which will require the preparation of an environmental impact statement? (11, 22, 25, 32, 37, 38, 41, 43)
 - b. Physical alteration of more than two acres of land along the shoreline, land under water or coastal waters? (2, 11, 12, 20, 28, 35, 44)
 - c. Revitalization/redevelopment of a deteriorated or underutilized waterfront site? (1)
 - d. Reduction of existing or potential public access to or along coastal waters? (19, 20)
 - e. Adverse effect upon the commercial or recreational use of coastal fish resources? (9,10)
 - f. Siting of a facility essential to the exploration, development and production of energy resources in coastal waters or on the Outer Continental Shelf? (29)
 - g. Siting of a facility essential to the generation or transmission of energy? (27)
 - h. Mining, excavation, or dredging activities, or the placement of dredged or fill material in coastal waters? (15, 35)
 - i. Discharge of toxics, hazardous substances or other pollutants into coastal waters? (8, 15, 35)
 - j. Draining of stormwater runoff or sewer overflows into coastal waters? (33)
 - k. Transport, storage, treatment, or disposal of solid wastes or hazardous materials? (36, 39)
 - l. Adverse effect upon land or water uses within the State's small harbors? (4)
2. Will the proposed activity affect or be located in, on, or adjacent to any of the following: YES/NO
- a. State designated freshwater or tidal wetland? (44)
 - b. Federally designated flood and/or state designated erosion hazard area? (11, 12, 17)
 - c. State designated significant fish and/or wildlife habitat? (7)
 - d. State designated significant scenic resource or area? (24)
 - e. State designated important agricultural lands? (26)
 - f. Beach, dune or Barrier Island? (12)
 - g. Major ports of Albany, Buffalo, Ogdensburg, Oswego or New York? (3)
 - h. State, county, or local park? (19, 20)
 - i. Historic resource listed on the National or State Register of Historic Places? (23)
3. Will the proposed activity require any of the following: YES/NO
- a. Waterfront site? (2, 21, 22)
 - b. Provision of new public services or infrastructure in undeveloped or sparsely populated sections of the coastal area? (5)
 - c. Construction or reconstruction of a flood or erosion control structure? (13, 14, 16)
 - d. State water quality permit or certification? (30, 38, 40)
 - e. State air quality permit or certification? (41, 43)
4. Will the proposed activity occur within and/or affect an area covered by a State-approved local waterfront revitalization program, or State-approved regional coastal management program? (see policies in program document*)

D. ADDITIONAL STEPS

1. If all of the questions in Section C are answered "NO", then the applicant or agency shall complete Section E and submit the documentation required by Section F.
2. If any of the questions in Section C are answered "YES", then the applicant or agent is advised to consult the CMP, or where appropriate, the local waterfront revitalization program document*. The proposed activity must be analyzed in more detail with respect to the applicable state or local coastal policies. On a separate page(s), the applicant or agent shall: (a) identify, by their policy numbers, which coastal policies are affected by the activity, (b) briefly assess the effects of the activity upon the policy; and, (c) state how the activity is consistent with each policy. Following the completion of this written assessment, the applicant or agency shall complete Section E and submit the documentation required by Section F.

E. CERTIFICATION

The applicant or agent must certify that the proposed activity is consistent with the State's CMP or the approved local waterfront revitalization program, as appropriate. If this certification cannot be made, the proposed activity shall not be undertaken. If this certification can be made, complete this Section.

"The proposed activity complies with New York State's approved Coastal Management Program, or with the applicable approved local waterfront revitalization program, and will be conducted in a manner consistent with such program."

Applicant/Agent's Name: Jeffrey M. Tierney

Address: 350 Front Street, Hempstead, New York 11550

Telephone: Area Code () 516-812-3483

Applicant/Agent's Signature:  Date: 12-18-17

F. SUBMISSION REQUIREMENTS

1. The applicant or agent shall submit the following documents to the **New York State Department of State, Office of Planning and Development, Attn: Consistency Review Unit, One Commerce Plaza-Suite 1010, 99 Washington Avenue, Albany, New York 12231.**
 - a. Copy of original signed form.
 - b. Copy of the completed federal agency application.
 - c. Other available information which would support the certification of consistency.
2. The applicant or agent shall also submit a copy of this completed form along with his/her application to the federal agency.
3. If there are any questions regarding the submission of this form, contact the Department of State at (518) 474-6000.

*These state and local documents are available for inspection at the offices of many federal agencies, Department of environmental Conservation and Department of State regional offices, and the appropriate regional and county planning agencies. Local program documents are also available for inspection at the offices of the appropriate local government.

Town Of Hempstead
Installation of Soil & Erosion Control Structure along Widgeon Place
Seaford, New York

Federal Consistency Assessment Form Coastal Consistency Analysis

Flooding and Erosion Policy 13:

THE CONSTRUCTION OR RECONSTRUCTION OF EROSION PROTECTION STRUCTURES SHALL BE UNDERTAKEN ONLY IF THEY HAVE A REASONABLE PROBABILITY OF CONTROLLING EROSION FOR AT LEAST THIRTY YEARS AS DEMONSTRATED IN DESIGN AND CONSTRUCTION STANDARDS AND/OR ASSURED MAINTENANCE OR REPLACEMENT PROGRAMS.

- In addition to shoreline stabilization, knee wall construction is also expected to ensure a measurable decrease in erosion, sedimentation and local flooding at the site.

Flooding and Erosion Policy 14:

ACTIVITIES AND DEVELOPMENT, INCLUDING THE CONSTRUCTION OR RECONSTRUCTION OF EROSION PROTECTION STRUCTURES, SHALL BE UNDERTAKEN SO THAT THERE WILL BE NO MEASURABLE INCREASE IN EROSION OR FLOODING AT THE SITE OF SUCH ACTIVITIES OR DEVELOPMENT, OR AT OTHER LOCATIONS.

- In addition to shoreline stabilization, knee wall construction is also expected to ensure a measurable decrease in erosion, sedimentation and local flooding at the site and abutting locations.

Flooding and Erosion Policy 16:

PUBLIC FUNDS SHALL ONLY BE USED FOR EROSION PROTECTIVE STRUCTURES WHERE NECESSARY TO PROTECT HUMAN LIFE, AND NEW DEVELOPMENT WHICH REQUIRES A LOCATION WITHIN OR ADJACENT TO AN EROSION HAZARD AREA TO BE ABLE TO FUNCTION, OR EXISTING DEVELOPMENT; AND ONLY WHERE THE PUBLIC BENEFITS OUTWEIGHT THE LONG TERM MONETARY AND OTHER COSTS INCLUDING THE POTENTIAL FOR INCREASING EROSION AND ADVERSE EFFECTS ON NATURAL PROTECTIVE FEATURES.

- In addition to protection of existing adjacent roadways, residences and human life there will be a measurable decrease in erosion with no adverse effects on natural protective features.

Wetlands Policy 44:

PRESERVE AND PROTECT TIDAL AND FRESHWATER WETLANDS AND PRESERVE THE BENEFITS DERIVED FROM THESE AREAS.

- The project site location is adjacent to New York State Department of Environmental Conservation (NYSDEC) Tidal Wetlands (SM- Coastal Shoals, Bars and Mud Flats). Knee wall construction will help preserve and protect the Tidal Wetlands. Knee wall construction will be undertaken in accordance with Army Corps of Engineers, NYSDEC Tidal Wetlands and Protection of Waters Permits.



JOINT APPLICATION FORM

For Permits for activities affecting streams, waterways, waterbodies, wetlands, coastal areas, sources of water, and endangered and threatened species.

You must separately apply for and obtain Permits from each involved agency before starting work. Please read all instructions.

1. Applications To:

>NYS Department of Environmental Conservation Check here to confirm you sent this form to NYSDEC.

Check all permits that apply:

<input type="checkbox"/> Stream Disturbance	<input type="checkbox"/> Dams and Impoundment Structures	<input checked="" type="checkbox"/> Tidal Wetlands	<input type="checkbox"/> Water Withdrawal
<input checked="" type="checkbox"/> Excavation and Fill in Navigable Waters	<input checked="" type="checkbox"/> 401 Water Quality Certification	<input type="checkbox"/> Wild, Scenic and Recreational Rivers	<input type="checkbox"/> Long Island Well
<input type="checkbox"/> Docks, Moorings or Platforms	<input type="checkbox"/> Freshwater Wetlands	<input type="checkbox"/> Coastal Erosion Management	<input type="checkbox"/> Incidental Take of Endangered / Threatened Species

>US Army Corps of Engineers Check here to confirm you sent this form to USACE.

Check all permits that apply: Section 404 Clean Water Act Section 10 Rivers and Harbors Act

Is the project Federally funded? Yes No

If yes, name of Federal Agency: _____

General Permit Type(s), if known:

Preconstruction Notification: Yes No

>NYS Office of General Services Check here to confirm you sent this form to NYSOGS.

Check all permits that apply:

State Owned Lands Under Water

Utility Easement (pipelines, conduits, cables, etc.) Docks, Moorings or Platforms

>NYS Department of State Check here to confirm you sent this form to NYSDOS.

Check if this applies: Coastal Consistency Concurrence

2. Name of Applicant

Taxpayer ID (if applicant is NOT an individual)

Mailing Address

Post Office / City State Zip

Telephone Email

Applicant Must be (check all that apply): Owner Operator Lessee

3. Name of Property Owner (if different than Applicant)

Mailing Address

Post Office / City State Zip

Telephone Email

For Agency Use Only Agency Application Number:

4. Name of Contact / Agent
 David F. Vines
 Mailing Address: 350 Front Street
 Post Office / City: Hempstead
 State: NY Zip: 11550
 Telephone: 516-812-3488 Email: Davivin@tohmail.org

5. Project / Facility Name
 Widgeon Place @ Treasure Lagoon
 Property Tax Map Section / Block / Lot Number: Not Applicable
 Project Street Address, if applicable: Widgeon Place
 Post Office / City: Seaford
 State: NY Zip: 11783
 Provide directions and distances to roads, intersections, bridges and bodies of water:
 Western end of Widgeon Place (275' W on Widgeon Place from intersection of Widgeon Place and Ocean Avenue at dead end with Treasure Lagoon)
 Town Village City County: Nassau Stream/Waterbody Name: Treasure Lagoon
 Project Location Coordinates: Enter Latitude and Longitude in degrees, minutes, seconds:
 Latitude: 40° 65' 30" Longitude: 73° 49' 86"

6. Project Description: Provide the following information about your project. Continue each response and provide any additional information on other pages. **Attach plans on separate pages.**

a. Purpose of the proposed project:
 Town of Hempstead proposes to install 35 linear feet of a knee wall as a soil and erosion control measure, along Treasure Lagoon adjacent to the West side of Widgeon Place in the Hamlet of Seaford, New York. The Town also proposes to replace a functioning outfall structure (and Storm Drain piping) & new Yard drains with filter inserts. Re-grade roadway to eliminate roadway surface drainage into the canal.

b. Description of current site conditions:
 No existing soil & erosion control features at this location - two existing sluice-ways from curb down sloped soil, rock and debris to Treasure Lagoon.
 For additional details, please see the attached Project Descriptions, Photographs, and drawings.

c. Proposed site changes:
 Install 35 linear feet of timber knee wall immediately behind curb on West side for erosion protection, remove existing sluice-ways, install new yard drains, provide new filter insert, provide new storm drain outfall pipe with tidal check valve, re-grade roadway and install new concrete curbs and gutters..

d. Type of structures and fill materials to be installed, and quantity of materials to be used (e.g., square feet of coverage, cubic yards of fill material, structures below ordinary/mean high water, etc.):
 35 linear feet of timber knee wall with vinyl sheeting.

e. Area of excavation or dredging, volume of material to be removed, location of dredged material placement:
 None
 For additional details, please see the attached Project Descriptions, Photographs, and drawings.

f. Is tree cutting or clearing proposed? Yes If Yes, explain below. No
 Timing of the proposed cutting or clearing (month/year):
 Number of trees to be cut: N/A Acreage of trees to be cleared: N/A

g. Work methods and type of equipment to be used:

Minor excavation to a depth of 1' to 2' with a small excavator.

h. Describe the planned sequence of activities:

Remove existing sluiceways. Install new Knee wall, install yard drains, storm drain pipe, and bulkhead, install new guard rail & signage, re-grade existing roadway, and paint/seal new flush curb.

i. Pollution control methods and other actions proposed to mitigate environmental impacts:

Strict no idling standards will be adhered to during construction activities. Minimize disturbances. Equipment will be inspected to verify operation without and leaks or discharges and spill control/cleanup kits will be available on-site during all operations.

j. Erosion and silt control methods that will be used to prevent water quality impacts:

A turbidity curtain will be in place and utilized during all construction activities. All construction activities will be conducted in a manner that avoids/minimizes discharges.

k. Alternatives considered to avoid regulated areas. If no feasible alternatives exist, explain how the project will minimize impacts:

None

l. Proposed use: Private Public Commercial

m. Proposed Start Date: 3/1/2018 Estimated Completion Date: 5/1/2018

n. Has work begun on project? Yes If Yes, explain below. No

o. Will project occupy Federal, State, or Municipal Land? Yes If Yes, explain below. No

Located on Town of Hempstead Property.

p. List any previous DEC, USACE, OGS or DOS Permit / Application numbers for activities at this location:

N/A

q. Will this project require additional Federal, State, or Local authorizations, including zoning changes?

Yes If Yes, list below. No

7. Signatures.

Applicant and Owner (If different) must sign the application.

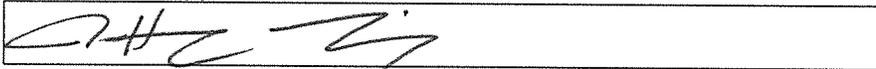
Append additional pages of this Signature section if there are multiple Applicants, Owners or Contact/Agents.

I hereby affirm that information provided on this form and all attachments submitted herewith is true to the best of my knowledge and belief.

Permission to Inspect - I hereby consent to Agency inspection of the project site and adjacent property areas. Agency staff may enter the property without notice between 7:00 am and 7:00 pm, Monday - Friday. Inspection may occur without the owner, applicant or agent present. If the property is posted with "keep out" signs or fenced with an unlocked gate, Agency staff may still enter the property. Agency staff may take measurements, analyze site physical characteristics, take soil and vegetation samples, sketch and photograph the site. I understand that failure to give this consent may result in denial of the permit(s) sought by this application.

False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the NYS Penal Law. Further, the applicant accepts full responsibility for all damage, direct or indirect, of whatever nature, and by whomever suffered, arising out of the project described herein and agrees to indemnify and save harmless the State from suits, actions, damages and costs of every name and description resulting from said project. In addition, Federal Law, 18 U.S.C., Section 1001 provides for a fine of not more than \$10,000 or imprisonment for not more than 5 years, or both where an applicant knowingly and willingly falsifies, conceals, or covers up a material fact; or knowingly makes or uses a false, fictitious or fraudulent statement.

Signature of Applicant



Date

12-18-17

Applicant Must be (check all that apply): Owner Operator Lessee

Printed Name

Jeffrey M. Tierney

Title

Deputy Commissioner

Signature of Owner (if different than Applicant)

Date

Printed Name

Title

Signature of Contact / Agent

Date

Printed Name

Title

For Agency Use Only

DETERMINATION OF NO PERMIT REQUIRED

Agency Application Number

(Agency Name) has determined that No Permit is required from this Agency for the project described in this application.

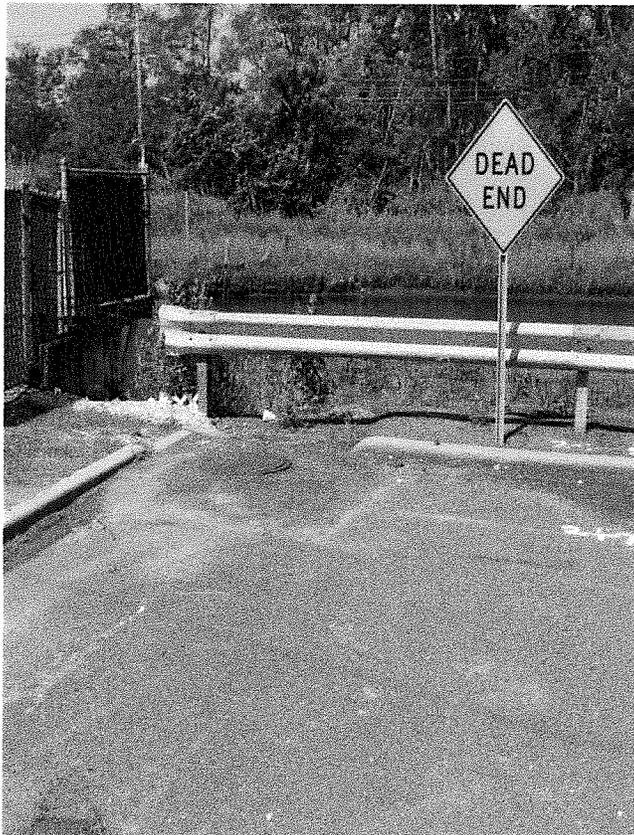
Agency Representative:

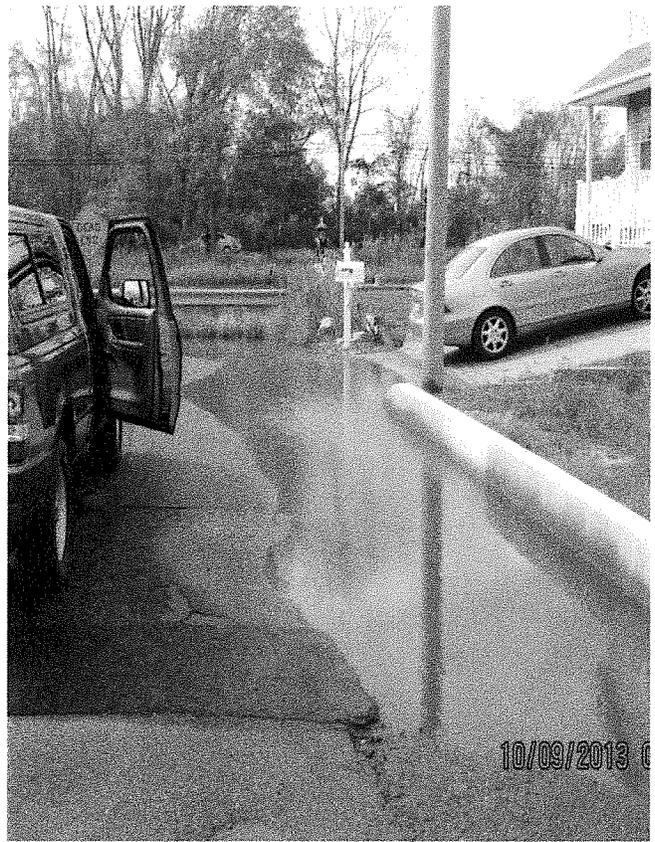
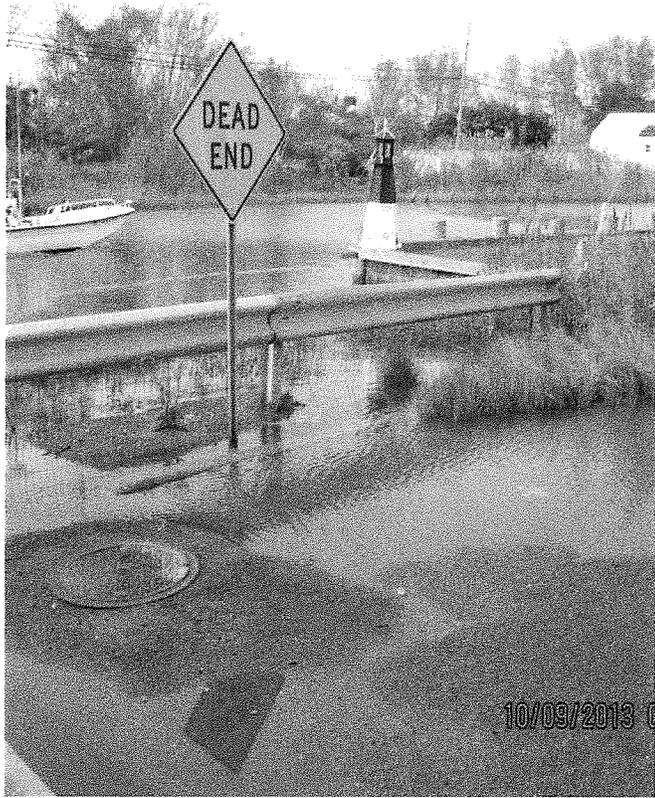
Printed Name

Title

Signature

Date





Amityville (South)

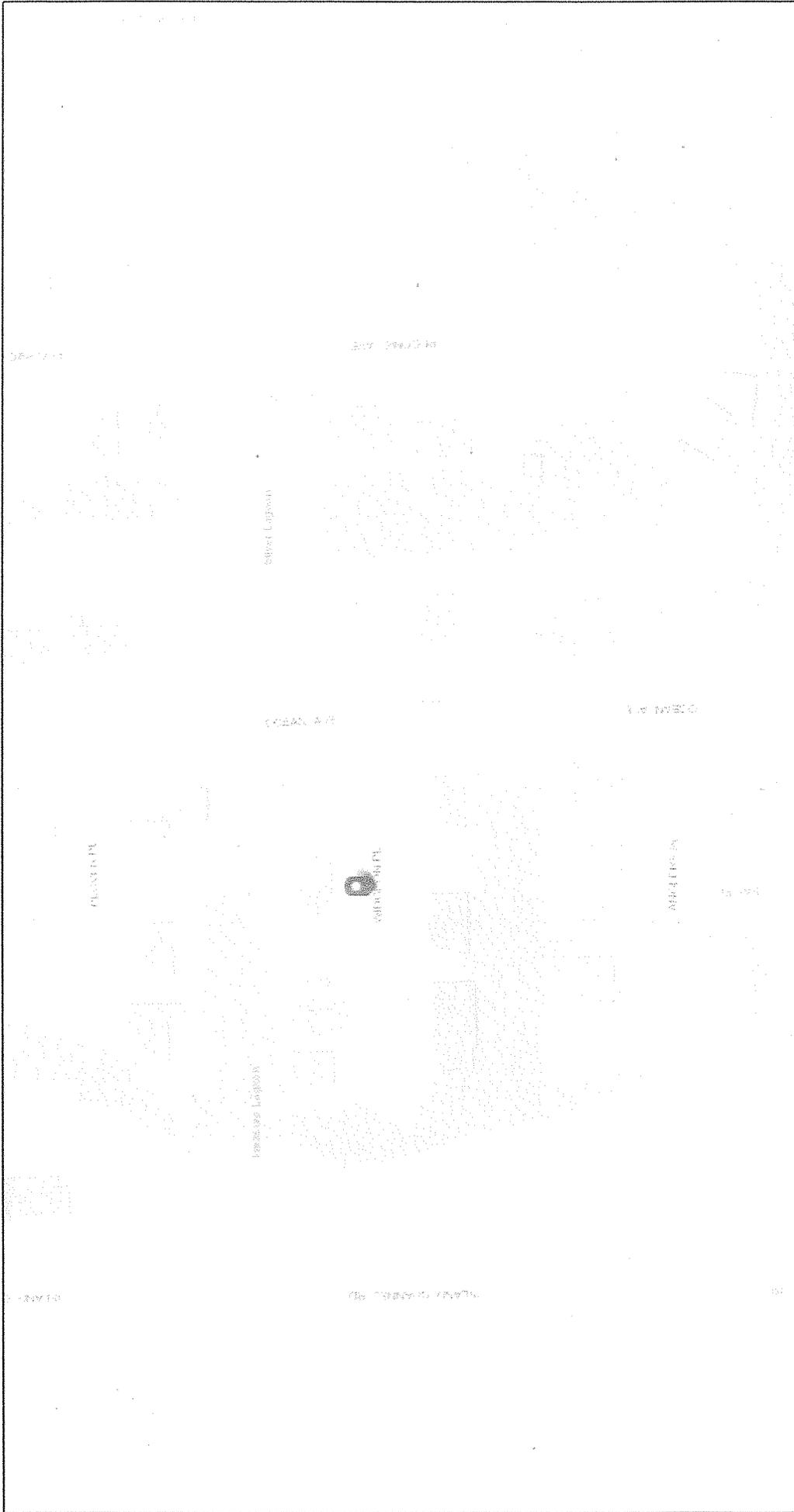
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See Freepoint (South) <

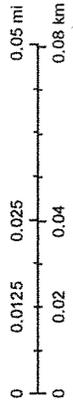
> See West Gilgo Beach (North)

Widgeon Place, Seaford, NY



November 3, 2017

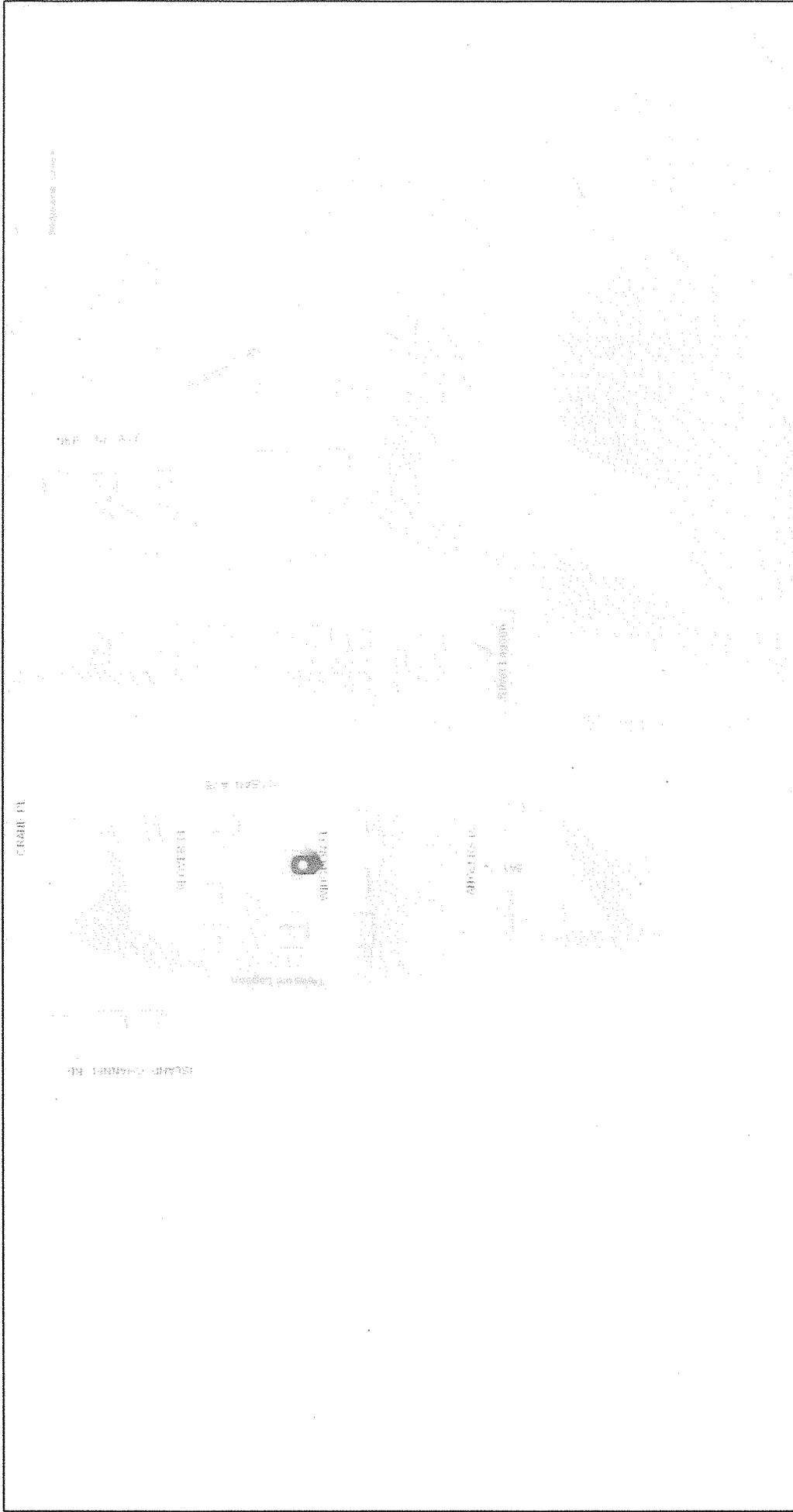
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Widgeon Place, Seaford, NY

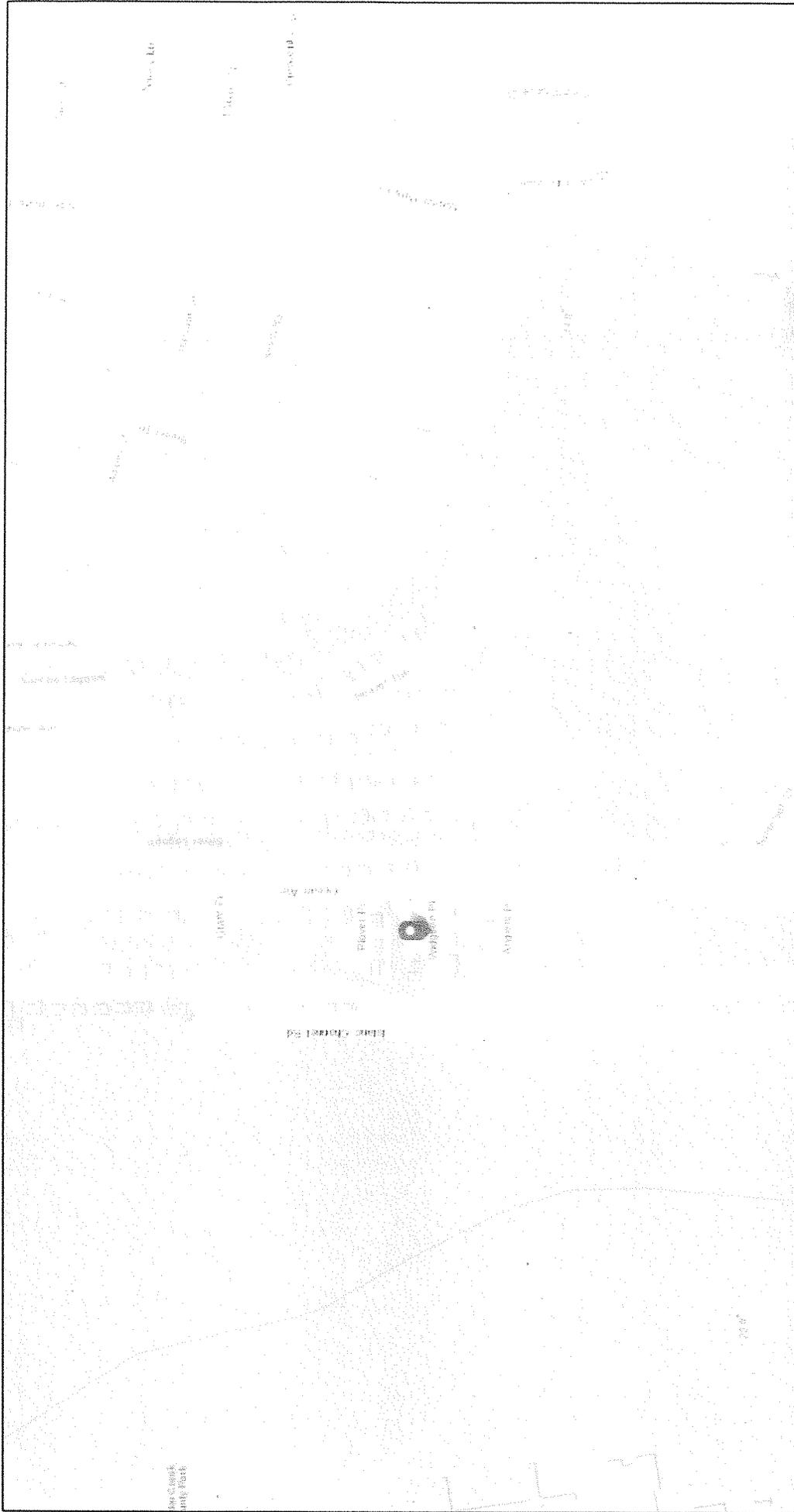


November 3, 2017

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

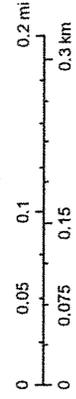
NYS Department of Environmental Conservation
Not a legal document

Widgeon Place, Seaford, NY



November 3, 2017

1:4,514



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, MapboxIndia, © OpenStreetMap contributors, and the GIS User Community

February 1, 2018

Mr. David F. Vines
Town of Hempstead
350 Front Street
Hempstead, NY 11550

Re: F-2017-1192
U.S. Army Corps of Engineers/New York District Permit
Application – Town of Hempstead (Plover Place and Treasure
Lagoon)
Install 35 linear feet of knee wall directly behind curb for
shoreline stabilization and erosion control, install new outfall.
Re-grade road to eliminate roadway surface drainage into
canal and install lawn drains.
Treasure Lagoon, Town of Hempstead, Nassau County
General Concurrence

Dear Mr. Vines:

The Department of State received your Federal Consistency Assessment Form and consistency certification and supporting information for this proposal on 12/21/2017.

The Department of State has determined that this proposal meets the Department's general consistency concurrence criteria. Therefore, further review of the proposed activity by the Department of State, and the Department's concurrence with an individual consistency certification for the proposed activity, are not required.

This General concurrence is without prejudice to and does not obviate the need to obtain all other applicable license, permits, other forms of authorizations or approvals that may be required pursuant to existing New York State statutes. Specifically, it appears that you may require authorization from the New York State Department of Environmental Conservation (DEC). Please contact the DEC Region 1 office to determine if their authorization is required.

When communicating with us regarding this matter, please contact us at (518) 474-6000 and refer to our file #F-2017-1192.

Sincerely,



Jeffrey Zappieri
Supervisor, Consistency Review Unit
Office of Planning, Development and
Community Infrastructure

JZ/jn

cc: COE/New York District – Ronald Pinzon
DEC Region 1 – Roger Evans



Department
of State

STATE OF NEW YORK
DEPARTMENT OF STATE

ONE COMMERCE PLAZA
99 WASHINGTON AVENUE
ALBANY, NY 12231-0001
WWW.DOS.NY.GOV

ANDREW M. CUOMO
GOVERNOR

ROSSANA ROSADO
SECRETARY OF STATE

February 1, 2018

David F. Vines
Town of Hempstead
350 Front Street
Hempstead, NY 11550

Re: F-2017-1193
U.S. Army Corps of Engineers/New York District Permit
Application – Town of Hempstead (Widgeon Place and
Treasure Lagoon)
Install 35 linear feet of knee wall directly behind curb for
shoreline stabilization and erosion control, install new outfall
and re-grade road to eliminate roadway surface drainage into
canal, install lawn drains and repair curbs & gutters.
Treasure Lagoon, Town of Hempstead, Nassau County
General Concurrence

Dear Mr. Vines:

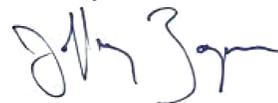
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When communicating with us regarding this matter, please contact us at (518) 474-6000 and refer to our file #F-2017-1193.

Sincerely,



Jeffrey Zappieri
Supervisor, Consistency Review Unit
Office of Planning, Development and
Community Infrastructure

JZ/jn

cc: COE/New York District – Ronald Pinzon
DEC Region 1 – Roger Evans



**Department
of State**

Appendix D

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Fish and Wildlife, New York Natural Heritage Program
625 Broadway, Fifth Floor, Albany, NY 12233-4757
P: (518) 402-8935 | F: (518) 402-8925
www.dec.ny.gov

July 6, 2018

Amy Lentz
Governor's Office of Storm Recovery
25 Beaver Street, 5th Floor
New York, NY 10004

Re: Seaford Road Raising Project -- Anglers Place, Widgeon Place, Plover Place
County: Nassau Town/City: Hempstead

Dear Ms. Lentz:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to the above project.

We have no records of concern of rare or state-listed animals or plants, or significant natural communities at the project site or in its immediate vicinity.

The absence of data does not necessarily mean that rare or state-listed species, significant natural communities, or other significant habitats do not exist on or adjacent to the proposed site. Rather, our files currently do not contain information that indicates their presence. For most sites, comprehensive field surveys have not been conducted. We cannot provide a definitive statement on the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other resources may be required to fully assess impacts on biological resources.

This response applies only to known occurrences of rare or state-listed animals and plants, significant natural communities, and other significant habitats maintained in the Natural Heritage database. Your project may require additional review or permits; for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the NYS DEC Region 1 Office, Division of Environmental Permits, as listed at www.dec.ny.gov/about/39381.html.

Sincerely,



Nicholas Conrad
Information Resources Coordinator
New York Natural Heritage Program

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Fish and Wildlife, New York Natural Heritage Program
625 Broadway, Fifth Floor, Albany, NY 12233-4757
P: (518) 402-8935 | F: (518) 402-8925
www.dec.ny.gov

July 6, 2018

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Governor's Office of Storm Recovery
25 Beaver Street, 5th Floor
New York, NY 10004

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County: Nassau Town/City: Hempstead

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Sincerely,



Nicholas Conrad
Information Resources Coordinator
New York Natural Heritage Program



Governor's Office of Storm Recovery

ANDREW M. CUOMO
Governor

July 10, 2018

Re: Natural Heritage Compliance Process Request for the Nassau County Road Raising - Anglers Place, Widgeon Place, and Plover Place, located west of Ocean Avenue, Seaford, Town of Hempstead, Nassau County, New York

The Governor's Office of Storm Recovery (GOSR), acting under the auspices of New York State Homes and Community Renewal's (HCR) Housing Trust Fund Corporation (HTFC), on behalf of the Department of Housing & Urban Development (HUD), are currently preparing an Environmental Review for the Nassau County Road Raising - Anglers Place, Widgeon Place, and Plover Place (see attached figures). GOSR is acting as HUD's non-federal representative for the purposes of conducting consultation pursuant to Section 7 of the Endangered Species Act.

GOSR is contacting your office for assistance in identifying the potential presence of any rare or Federal and/or State threatened, endangered, proposed or candidate species in the vicinity of the proposed projects. In addition, information regarding the presence of any other species or habitats of special concern in the vicinity of the proposed projects is also requested. The purpose of this letter is to provide the New York State Department of Environmental Conservation (NYSDEC) Natural Heritage Program (NYNHP) notice of the proposed project and determine the presence of any State or Federal endangered, threatened, or rare species or significant natural communities.

Project Description

The Town of Hempstead is proposing the raising and reconstruction of three local roads, Anglers Place, Widgeon Place, and Plover Place, located west of Ocean Avenue, Seaford, Town of Hempstead, Nassau County, New York. These roads, like many in southern Nassau County, experienced severe rain and tidal flooding during Hurricane Irene and Superstorm Sandy. Since these storms, these streets have experienced an increase in observed monthly high tidal flooding. The Project would also implement improvements to the street-end bulkheads present on each of these three streets and the existing stormwater drainage systems in the area. The Proposed Project will address roadway flooding and stormwater drainage issues in the area that were exacerbated by Hurricane Irene and Superstorm Sandy, and would directly contribute to the rebuilding and recovery of the area with a focus on resiliency and mitigation.

The Proposed Project would involve the raising and reconstruction of three local roads abutting Ocean Avenue to the west, as well as the stormwater drainage system and street-end bulkhead improvements found at those roads (see attached figures). Large sections of the existing roadways lie at or below elevation 4.50 National Geodetic Vertical Datum of 1929 (NVGD 29), making them susceptible to tidal and storm flooding. The reconstruction of these roads will establish minimum gutter elevations of 5.00 NVGD 29 to meet Federal Emergency Management Agency's (FEMA's) 10-year still-water level guidelines.

The proposed roadway improvements will include, but not be limited to, removal of the existing asphalt roadway surfaces; emplacement of fill and regrading; widening of roadways; installation or replacement of concrete curbs and sidewalks, valley gutters, and storm drain inlets; and site restoration. The existing stormwater drainage systems will be improved to enhance stormwater transport away from the residences in the area, and these improvements will include, but not be limited to, installation of check valves at outfalls, replacement or installation of subsurface stormwater drainage pipes, and modification of sanitary sewer manholes. In addition, the street-end bulkheads will be reconstructed to meet a minimum elevation of 7.50 NVGD 29 to further mitigate tidal flooding in the area. The work will be conducted in previously disturbed soils under roads and right-of-ways within a residential area.

Project Purpose and Need

The purpose of the Proposed Project is to implement roadway, street-end bulkhead, and storm drainage system improvements to Anglers Place, Widgeon Place, and Plover Place to enhance the resiliency of an area that sustained extensive flooding during Hurricane Irene and Superstorm Sandy. Southern portions of Long Island, including the Project area in Seaford, experienced severe flooding and flood-related damage during these storms, which exacerbated the extent of monthly tidal flooding in the area since then. The proposed improvements to the roadways, bulkheads, and stormwater drainage systems in this area of Seaford will be completed as part of the Nassau County Road Raising projects. The Proposed Project would contribute to the rebuilding and recovery of the area by: reducing potential flood damage to homes, lawns and landscaping; minimizing the disruption of public services; and improving emergency response accessibility during high tides and storm events.

Compliance

According to information reviewed from the New York State Environmental Resource Mapper, significant natural communities and rare plants or animals are shown to be at or near the site. These layers are generalized areas and no detailed information is provided by the NYS Environmental Resource Mapper database on what and how these determinations were made. The purpose of this letter is to confirm that there are no significant communities or rare plants and animals in the project area. Considering the nature of the proposed construction and the limits of the construction to existing developed areas, the potential impact to any existing natural communities and rare plants or animals should be minimal.

Your assistance with this matter is greatly appreciated. We respectfully request your cooperation and are seeking a response within 30 days of receipt of this letter. If you have questions or require additional information regarding this request, please contact me at (518) 474-0647 or Alicia.Shultz@nysdcr.org. Thank you for your time and consideration.

Sincerely,



Alicia Shultz
Senior Environmental Scientist
Bureau of Environmental Review and Assessment

Attachments: Site Maps
NYS Environmental Resource Mapper



Legend

- Project Sites
- Effective FEMA Floodplain (DFIRM)**
- 0.2 PCT ANNUAL CHANGE FLOOD HAZARD
- A
- AE
- AO
- VE
- OPEN WATER
- X



Seaford Road Raising Town of Hempstead, Nassau County, New York

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse



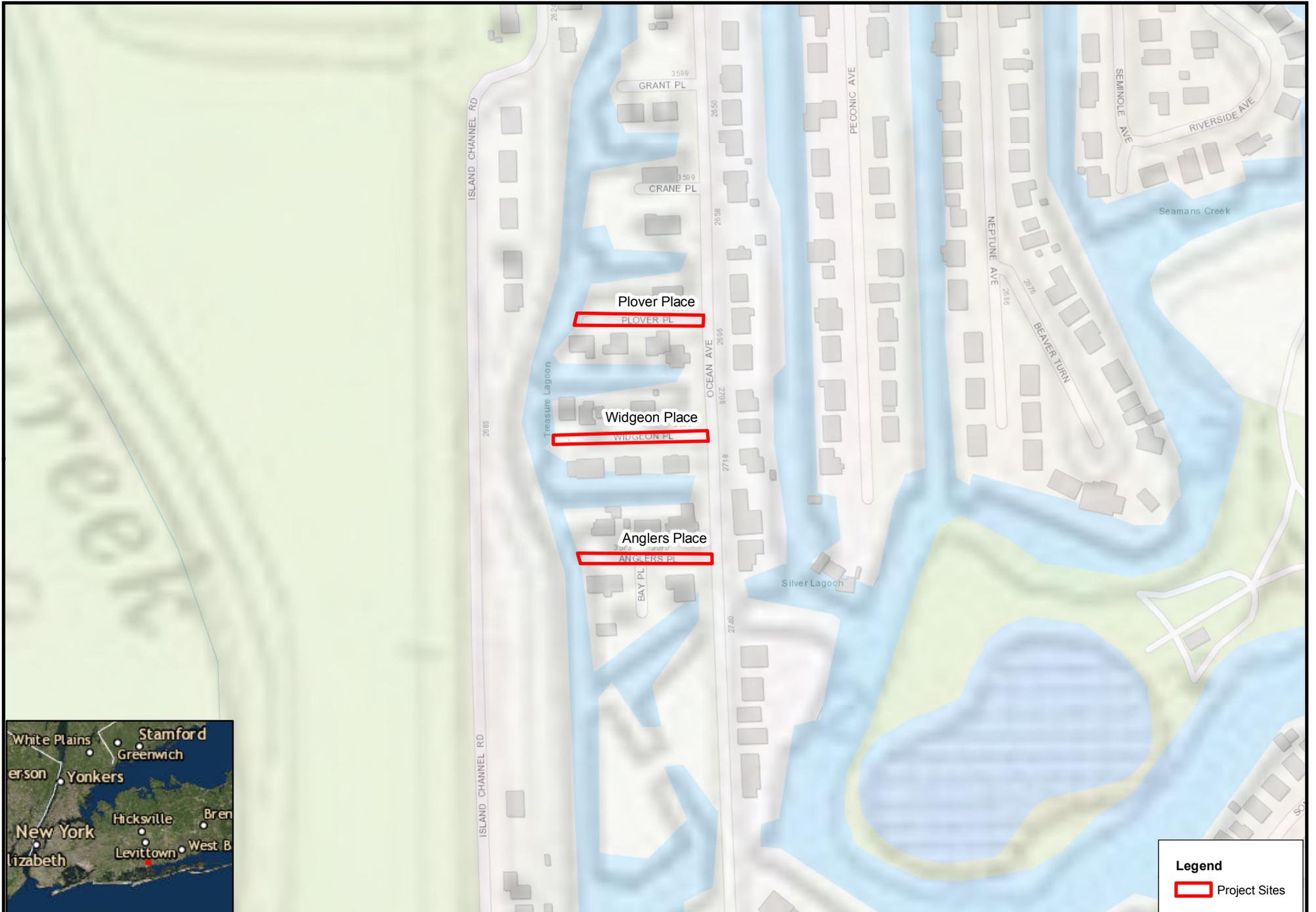
Governor's Office of
Storm Recovery



Drawn By: ASL | Version: 1.0 | Date: 6/27/2018

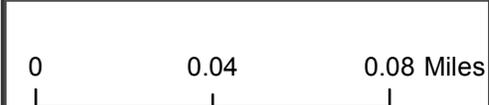
FEMA data uses NAVD88*

The information contained may be incorrect, incomplete or outdated and New York State disclaims any responsibility for the accuracy or correctness of the information. New York State, its officers, employees or agents shall not be liable for damages or losses of any kind, consequential otherwise, incurred as a result of the use of this information, directly or indirectly. In using this information, users further agree to indemnify, defend, and hold harmless New York State for any and all liability of any nature arising out of or resulting from the lack of accuracy or completeness of the information, or the use of the information. New York State reserves the right to make changes and updates to the information at any time and without notice.



Legend

Project Sites



Seaford Road Raising Town of Hempstead, Nassau County, New York

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse



Governor's Office of
Storm Recovery

Drawn By: ASL | Version: 1.0 | Date: 7/2/2018



FEMA data uses NAVD88*

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Fish and Wildlife

625 Broadway, 5th Floor, Albany, NY 12233-4750

P: (518) 402-8924 | F: (518) 402-8925

www.dec.ny.gov

July 11, 2018

Ms. Alicia Shultz
Governor's Office of Storm Recovery
38-40 State St.
408 N, Hampton Plaza
Albany, NY 12207

RE: Nassau County Road Raising
Hempstead, Nassau County, NY

Dear Ms. Shultz,

We received your jurisdictional inquiry request for raising and reconstruction of Anglers Place, Widgeon Place, and Plover Place in Seaford, Town of Hempstead, Nassau County. It is our understanding that the roads will be the improvements, wetland creation, and construction for a composting facility located at Lower East Side Ecology Center, Manhattan, New York. It is our understanding that these three roads will be raised, reconstructed, and the existing drainage system will be improved. Based on our understanding of the project, and the NYS Resources map created by Amanda Bailey on 7/11/2018 (attached), we have the following comments on the project:

STATE-LISTED SPECIES

All threatened or endangered species are subject to regulation under Article 11, Title 5 of the Environmental Conservation Law and a permit is required for a taking of that species pursuant to 6 NYCRR Part 182. Besides death of individuals, taking includes harassment, interference with essential behaviors, and adverse modification of habitat. **If the site is in close proximity to known occurrences of state-protected species, additional information on the proposal will be required by the appropriate regional office for a determination on the need for an incidental take permit.**

We have reviewed the available information in the New York Natural Heritage Program database on known occurrences of rare or state-listed bat species. This project area does not occur in the immediate vicinity of known occurrences of rare or state-listed bat species (see NYS Resources map, attached). The major concern for bat species in relation to this project would be the destruction of potential roosts and roosting habitat that may occur if tree clearing is required. Because this project does not take place within known occupied habitat, there are no restrictions on cutting.

The absence of data does not necessarily mean that any rare or state-listed bat species do not exist on or adjacent to the proposed site. For most sites, comprehensive field surveys have not been conducted. We cannot provide a definitive statement on the presence of all rare or state-listed bat species. To avoid potential take, DEC *recommends* that any tree clearing be conducted between November 1 and March 31, when bats are inactive in hibernation sites. DEC also recommends that all snag and cavity trees remain uncut, unless their removal is

necessary for protection of human life and property. For more information, please refer to the DEC Northern long-eared bat protective measures guidance, available at: <http://www.dec.ny.gov/animals/106090.html>.

This document is only intended to address state-listed bat species. Other rare or state-listed species, natural communities or other significant habitats may exist within the project area and would require additional review. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

OTHER

USFWS Long Island Field Office

If a federal agency is involved in the project, or if federal funding is used, there are additional considerations for federally listed species. Section 7(a)(1) of the Endangered Species Act requires federal agencies to use their authorities to conserve listed species. Section 7(a)(2) requires federal agencies to consult on any action that may affect a listed species.

Other permits from this Department or other agencies may be required for projects conducted on this property now or in the future. Also, regulations applicable to the location subject to this determination occasionally are revised and you should, therefore, verify the need for permits if your project is delayed or postponed. This determination regarding the need for permits will remain effective for a maximum of one year unless you are otherwise notified. Applications may be downloaded from our website at www.dec.ny.gov under "Programs" then "Division of Environmental Permits."

Please contact this office if you have questions regarding the above information. Thank you.

Sincerely,

A handwritten signature in black ink that reads "Amanda Bailey". The signature is written in a cursive, flowing style.

Amanda Bailey
Division of Fish and Wildlife
Amanda.bailey@dec.ny.gov
518-402-8859

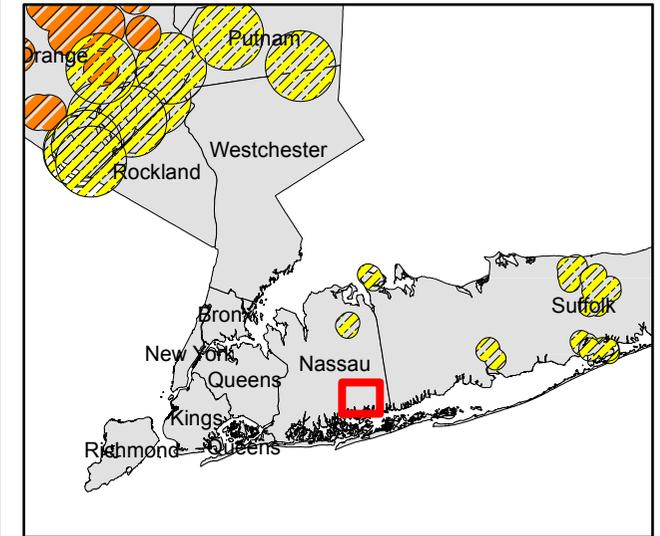
Cc: May O'Malley, NYSDEC Division of Environmental Permits
Stephen Watts, Regional Permit Administrator, DEC Region 2



NYS Resources Map

Seaford Road Raising Hempstead, Nassau County

Prepared by AMB on 7/11/2018

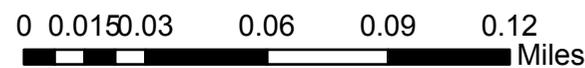


-  Project area
-  Indiana Bat
-  Northern Long-eared Bat

Disclaimer: this map was prepared by the NYSDEC using the most current data available. It is deemed accurate but is not guaranteed. NYSDEC is not responsible for any inaccuracies in the data and does not necessarily endorse any interpretations or products derived from the data. This map may contain information that is considered sensitive and therefore the distribution of this map is strictly prohibited.



**Department of
Environmental
Conservation**



1 inch = 250 feet

Appendix E



United States Department of the Interior



FISH AND WILDLIFE SERVICE

Long Island Field Office

340 Smith Road

Shirley, NY 11967

Phone: (631) 286-0485 Fax: (631) 286-4003

http://www.fws.gov/northeast/nyfo

To: Alicia Schultz

Date: Aug 3, 2018

USFWS File No:

Regarding your: letter FAX E-mail dated: Jul 11, 2018

For project: Anglers Place, Widgeon Place, and Plover Place

Located:

In Town/County: Seaford/Nassau

Pursuant to the Endangered Species Act of 1973 (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.), the U.S. Fish and Wildlife Service:

- Checkboxes for acknowledgment of receipt and project developments.

As a reminder, until the proposed project is complete, we recommend that you check our website (http://www.fws.gov/northeast/nyfo/es/section7.htm) every 90 days from the date of this letter to ensure that listed species presence/absence information for the proposed project area is current.

Pursuant to the Fish and Wildlife Coordination Act (FWCA) (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.),

- Checkboxes for FWCA coordination options such as 'Requests additional time for review' and 'Is taking no action pursuant to FWCA due to lack of funding'.

USFWS Contact(s):

[Handwritten signature]

Date

8/3/2018

Supervisor:

Date



Governor's Office of Storm Recovery

ANDREW M. CUOMO
Governor

July 10, 2018

Mr. Steve Papa
U.S. Fish and Wildlife Service
Long Island Field office
340 Smith Rd
Shirley, NY 11967

RE: ESA/MBTA/BGEPA consultation for the Nassau County Road Raising - Anglers Place, Widgeon Place, and Plover Place, located west of Ocean Avenue, Seaford, Town of Hempstead, Nassau County, New York

Dear Mr. Papa:

The Governor's Office of Storm Recovery (GOSR), acting under the auspices of New York State Homes and Community Renewal's (HCR) Housing Trust Fund Corporation (HTFC), on behalf of the Department of Housing & Urban Development (HUD), is preparing an environmental review in accordance with the National Environmental Policy Act (NEPA) process for the Nassau County Road Raising - Anglers Place, Widgeon Place, and Plover Place Project. GOSR proposes to use HUD Community Development Block Grant Disaster Recovery (CDBG-DR) program funding to complete this project.

GOSR is initiating informal consultation with your office concerning the proposed change in the action in accordance with the following laws: Endangered Species Act (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.), Migratory Bird Treaty Act of 1918 (MBTA) (40 Stat. 755, as amended; 16 U.S.C. 703-712) and the Bald and Golden Eagle Protection Act of 1940 (BGEPA) (54 Stat. 240, as amended; 16 U.S.C. 668-668c).

Proposed Action – Project Activities

The Town of Hempstead is proposing **the raising and reconstruction of three local roads**, Anglers Place, Widgeon Place, and Plover Place, located west of Ocean Avenue, Seaford, Town of Hempstead, Nassau County, New York. These roads, like many in southern Nassau County, experienced severe rain and tidal flooding during Hurricane Irene and Superstorm Sandy. Since these storms, these streets have experienced an increase in observed monthly high tidal flooding. The project would also implement improvements to the street-end bulkheads present on each of these three streets and the existing stormwater drainage systems in the area. The Proposed Project will address roadway flooding and stormwater drainage issues in the area that were exacerbated by Hurricane Irene and Superstorm Sandy, and would directly contribute to the rebuilding and recovery of the area with a focus on resiliency and mitigation.

The Proposed Project would involve the raising and reconstruction of three local roads abutting Ocean Avenue to the west, as well as the stormwater drainage system and street-end bulkhead improvements found at those roads (see attached figures). Large sections of the existing roadways lie at or below elevation 4.50 National Geodetic Vertical Datum of 1929 (NVGD 29), making them susceptible to tidal and storm flooding. The reconstruction of

these roads will establish minimum gutter elevations of 5.00 NVGD 29 to meet Federal Emergency Management Agency's (FEMA's) 10-year still-water level guidelines.

The proposed roadway improvements will include, but not be limited to, removal of the existing asphalt roadway surfaces; emplacement of fill and regrading; widening of roadways; installation or replacement of concrete curbs and sidewalks, valley gutters, and storm drain inlets; and site restoration. The existing stormwater drainage systems will be improved to enhance stormwater transport away from the residences in the area, and these improvements will include, but not be limited to, installation of check valves at outfalls, replacement or installation of subsurface stormwater drainage pipes, and modification of sanitary sewer manholes. In addition, the street-end bulkheads will be reconstructed to meet a minimum elevation of 7.50 NVGD 29 to further mitigate tidal flooding in the area. The work will be conducted in previously disturbed soils under roads and right-of-ways within a residential area.

The purpose of the project is to implement roadway, street-end bulkhead, and storm drainage system improvements to Anglers Place, Widgeon Place, and Plover Place to enhance the resiliency of an area that sustained extensive flooding during Hurricane Irene and Superstorm Sandy. Southern portions of Long Island, including the Project area in Seaford, experienced severe flooding and flood-related damage during these storms, which exacerbated the extent of monthly tidal flooding in the area since then. The proposed improvements to the roadways, bulkheads, and stormwater drainage systems in this area of Seaford will be completed as part of the Nassau County Road Raising projects. The project would contribute to the rebuilding and recovery of the area by: reducing potential flood damage to homes, lawns and landscaping; minimizing the disruption of public services; and improving emergency response accessibility during high tides and storm events.

The project plans call for preservation of existing trees.

Endangered Species Act

The USFWS Information, Planning and Conservation (IPaC) online planning tool Official Species List was generated for the Proposed Action (attached) notes “[t]here are no critical habitat within this project area” and lists the following federally-listed species as having the potential to occur within the vicinity of the Proposed Action:

- Piping plover (*Charadrius melodus*) - threatened,
- Roseate tern (*Sterna dougalli*) - endangered,
- Rufa red knot (*Calidris canutus rufa*)– threatened,
- Northern long-eared bat (*Myotis septentrionalis*) - threatened,
- Sandplain gerardia (*Agalinis acuta*) - endangered, and
- Seabeach amaranth (*Amaranthus pumilus*) - threatened.

Piping plover

The breeding range of the Piping plover within New York State is limited to the coastlines of Long Island, where plovers nest from Queens to eastern Suffolk County (Wasilco 2008). Most Piping plover colonies on Long Island have grown steadily in recent decades in response to protection and management and currently represent approximately one quarter of the total Atlantic Coast population (Hecht and Melvin 2009). Piping plovers nest in several areas of oceanfront beach along the southern shoreline and eastern and western points of Jones Beach Island (e.g., McIntyre and Heath 2011), including Gilgo State Park (NYSOPRHP 2015). Piping plovers nest on the oceanfront beaches of Long Island's barrier islands, and not on the bayside or mainland beaches. Their home range commonly includes bayside flats and back-barrier storm overwash areas, which are important foraging habitats for adults and fledglings (Elias et al. 2000, McIntyre and Heath 2011).

The project is limited to the improvements to the existing infrastructure. Because Piping plovers are not expected to occur near the project site, the Proposed Action is considered to have **“No Effect”** on the Piping plover or the habitats on which it depends.

Roseate Tern

According to New York Natural Heritage Program (NYNHP), there are only two sizeable colonies in New York and almost exclusively on island where predation pressure is lower. Breeding locations in New York is confined to between 5 to 10 locations on Long Island annually (McGowan and Corwin 2008). The great majority of the State’s birds nest on Great Gull Island which is located east of Plum Island north of the eastern tip of Long Island. Cartwright Island supported substantial numbers in 2001-2004. The eastern tip of Long Island is an important staging area where birds collect for several weeks before migrating en masse to South America (USFWS, 1998). Roseate terns are threatened by the loss of breeding habitat to coastal development, rising sea-levels, human disturbance, predation, and increased flooding from storms due to climate change. Roseate terns are listed as endangered in the State by the New York Department of Environmental Conservation (NYDEC) and the northeastern U.S. population is federally-listed as endangered. There are an estimated 1,000 miles of maritime beach on Long Island covering about 10,000 to 16,000 acres; there may be more than 30 to 50 extant occurrences statewide. The several documented occurrences of this community have good viability and are protected on public or private conservation land. The community is restricted to the ocean shoreline of the Coastal Lowlands ecozone in Suffolk, Richmond, Queens, Kings, and Nassau Counties. Although the number of maritime beaches may have increased slightly when formerly long, continuous examples were fragmented by development, the overall trend for the community is declining as a result of coastal development and recreational overuse.

The project is limited to improvements to the existing infrastructure. The potential for Roseate terns to occur near the project site is considered low because preferred breeding sites occur on small islands where predation is low. As such, the Proposed Action is considered to have **“No Effect”** on Roseate terns or their habitat.

Rufa red knot

The Rufa subspecies of the red knot, which has recently been listed as federally threatened, migrates up to 30,000 miles round trip between primary wintering grounds at the tip of South America in Tierra del Fuego, in northern Brazil, throughout the Caribbean and along US coasts from Texas to North Carolina. The Rufa red knot breeds in the tundra of the Central Canadian Arctic from northern Hudson Bay to the southern Queen Elizabeth Islands. Rufa red knots require stopover habitats rich in easily digested foods with thin or no shells (like juvenile clams, mussels and horseshoe crab eggs) in order to gain enough weight to fuel the next flight. Delaware Bay is the most significant spring migration staging area for Rufa red knots, which time their arrival in the bay to coincide with the peak horseshoe crab spawning period (Baker et al. 2004, Niles et al. 2009). Monomoy National Wildlife Refuge in Cape Cod, Massachusetts appears to be among the most significant staging areas for red knots during their southbound autumn migration (Harrington et al. 2010, Burger et al. 2012). In addition to these primary staging areas in Delaware Bay and Cape Cod, migrating Rufa red knots may stage in much lower densities elsewhere along the Atlantic coast (Harrington 2010, Burger et al. 2012). Although migrating Rufa red knots occur along Long Island (e.g., Tanacredi and Badger 1995:104, Fowle and Kerlinger 2001:81, Boretti et al. 2007), none of its beaches, bays, or estuaries are known to be high-use staging areas that support large concentrations of individuals. Instead, red knots are usually seen on Long Island in small groups (e.g., Wells 1996:59) relative to the tens of thousands of birds observed staging together in Delaware Bay and Cape Cod. Additionally, Rufa red knots are highly sensitive to human disturbance at staging sites (Burger et al. 2004, 2007), and as such, would not be expected to occur near the project site(s).

The project activities area limited to improvements to the existing infrastructure. Because Red knots are not expected to occur near the project site, the Proposed Action is considered to have “**No Effect**” on the Rufa red knot or the habitats on which it depends.

Northern long-eared bat

There are currently no known maternity roost trees or hibernacula known to be occupied by NLEB within the vicinity of the Proposed Action according to geospatial information provided by the USFWS.

The Northern long-eared bat (NLEB), listed as federally threatened, is a temperate, insectivorous bat whose life cycle can be coarsely divided into two primary phases - reproduction and hibernation. NLEB hibernate in caves or mines during winter and then emerge in early spring, with males dispersing and remaining solitary until mating season at the end of the summer, and pregnant females forming maternity colonies in which to rear young. No caves or mines occur near the project site. Summer habitat of the NLEB generally includes upland and riparian forest within heavily forested landscapes (Ford et al. 2005, Henderson et al. 2008). The NLEB is sensitive to fragmentation and urbanization, and requires interior forest for both foraging and breeding (Foster and Kurta 1999, Broders et al. 2006, Henderson et al. 2008). Roost trees are usually in intact forest, close to the core and away from large clearings, roads, or other sharp edges (Menzel et al. 2002, Owen et al. 2003, Carter and Feldhammer 2005).

The area surrounding the project site consists of existing residential environments. There are currently no known maternity roost trees or hibernacula known to be occupied by NLEB within the vicinity of the project location according to geospatial information provided by the USFWS. Further, the Proposed Action is not anticipated to include the removal of mature trees that would provide roosting habitat for the NLEB. The Proposed Action is limited to improvements to the existing infrastructure. It is not anticipated that the project will involve the removal of trees or vegetation, but minor tree or vegetation removal may potentially occur during the project activities. The project is located in a highly-developed area that is comprised of residences, residential yard habitats, and street trees. Since the project is located in a highly-developed area, there is no contiguous forested/wooded habitat located in the vicinity of the project area, and there are no records of the NLEB in the vicinity of the project area, individual NLEBs are not expected to occur in the project area. **Therefore, the project activities area considered to have “No Effect” on the NLEB or the habitats on which it depends.**

Sandplain gerardia and Seabeach amaranth

Sandplain gerardia is an herbaceous annual plant that occurs in sandy coastal plain habitat in poor, dry soils. This plant appears to depend upon disturbance (including fire) to persist. It is a member of sandplain grassland communities and openings in coniferous forest (Neel 2002). It was once a common species when these communities were large and dominant on some areas of Long Island (Taylor 1923).

According to the New York Natural Heritage Program, there are four known occurrences of Sandplain gerardia on Long Island but all of the sites are fairly small and isolated natural areas which require constant management. In good reproduction years, a few of the sites have tens of thousands of plants. There are nine historical occurrences that are now considered extirpated. There are two additional small occurrences that were known to exist until 2000 and 2004 but have since been extirpated. There are five more sites on Long Island where plants have been introduced, one with hundreds of plants, but they are not used for ranking the species.

Montauk, Long Island, and New York once harbored "untold millions" of Sandplain gerardia plants (Taylor 1923). Sandplain gerardia was thought to be extirpated from New York, but was rediscovered on Long Island and now is known from 12-13 EO's due to a combination of discoveries and restoration efforts.

Seabeach amaranth is an herbaceous annual plant that occurs on barrier island beaches, where its primary habitat consists of overwash flats at accreting ends of islands and lower foredunes and upper strands of non-eroding beaches. It occasionally establishes small temporary populations in other habitats, including sound-side beaches, blowouts in foredunes, and sand and shell material placed as beach replenishment or dredge spoil. Seabeach amaranth appears to be intolerant of competition and does not occur on well-vegetated sites. The species appears to need extensive areas of barrier island beaches and inlets, functioning in a relatively natural and dynamic manner. These characteristics allow it to move around in the landscape as a fugitive species, occupying suitable habitat as it becomes available (USFWS 2011). It is only known from Long Island, ranging from Coney Island to near the east end of the South Fork along the southern shore.

The potential for either Sandplain gerardia or Seabeach amaranth to occur near the Proposed Action site is considered unlikely. The project activities are limited to the replace of existing infrastructure within previously developed areas that do not provide habitat for these two species and inside existing enclosures. Because Sandplain gerardia or Seabeach amaranth are not expected to occur near the project site, the project is considered to have “No Effect” on either species or the habitats on which it depends.

Compliance

For purposes of consultation under Section 7(a)(2) of the ESA, we conclude that the Proposed Action will have “No Effect” on the Piping plover, Roseate tern, Rufa red knot, NLEB, Sandplain gerardia, and Seabeach amaranth or the habitats on which these species depend. We request your concurrence with this determination

Species	Listing Status	Effect Determination	Critical Habitat Determination
Piping plover (<i>Charadrius melodus</i>)	Threatened	No Effect	No Effect
Roseate tern (<i>Sterna gougallii</i>)	Endangered	No Effect	No Effect
Rufa red knot (<i>Calidris canutus rufa</i>)	Threatened	No Effect	No Effect
Northern long-eared bat (<i>Myotis septentrionalis</i>)	Threatened	No Effect	No Effect
Sandplain gerardia (<i>Agalinisacuta</i>)	Endangered	No Effect	No Effect
Seabeach amaranth (<i>Amaranthus pumilus</i>)	Threatened	No Effect	No Effect

Migratory Bird Treaty Act

The project activities take place within the Atlantic Flyway. However, the activities are limited to the replacement of an existing infrastructure and provides little habitat for migratory birds. Migratory birds are expected to leave the project area during construction. GOSR has determined that the project activities will have no significant adverse impact on migratory birds or their habitat. Therefore, it is anticipated that migrating birds would not be impacted by the Proposed Action.

Bald and Golden Eagle Protection Act

Bald Eagle (*Haliaeetus leucocephalus*) habitat and breeding sites can be found throughout Nassau County. There are no known breeding bald eagles within the vicinity of the project area; therefore, no adverse impacts to breeding

bald eagles are expected as a result of the project. GOSR has determined that the proposed action would have no impact on the Bald Eagle.

If you have questions or require additional information regarding this request, please contact me at (518) 474-0647 or Alicia.Shultz@nyshcr.org. Thank you for your time and consideration.

Sincerely,



Alicia Shultz
Senior Environmental Scientist
New York State Homes & Community Renewal
Governor's Office of Storm Recovery

Enclosures:

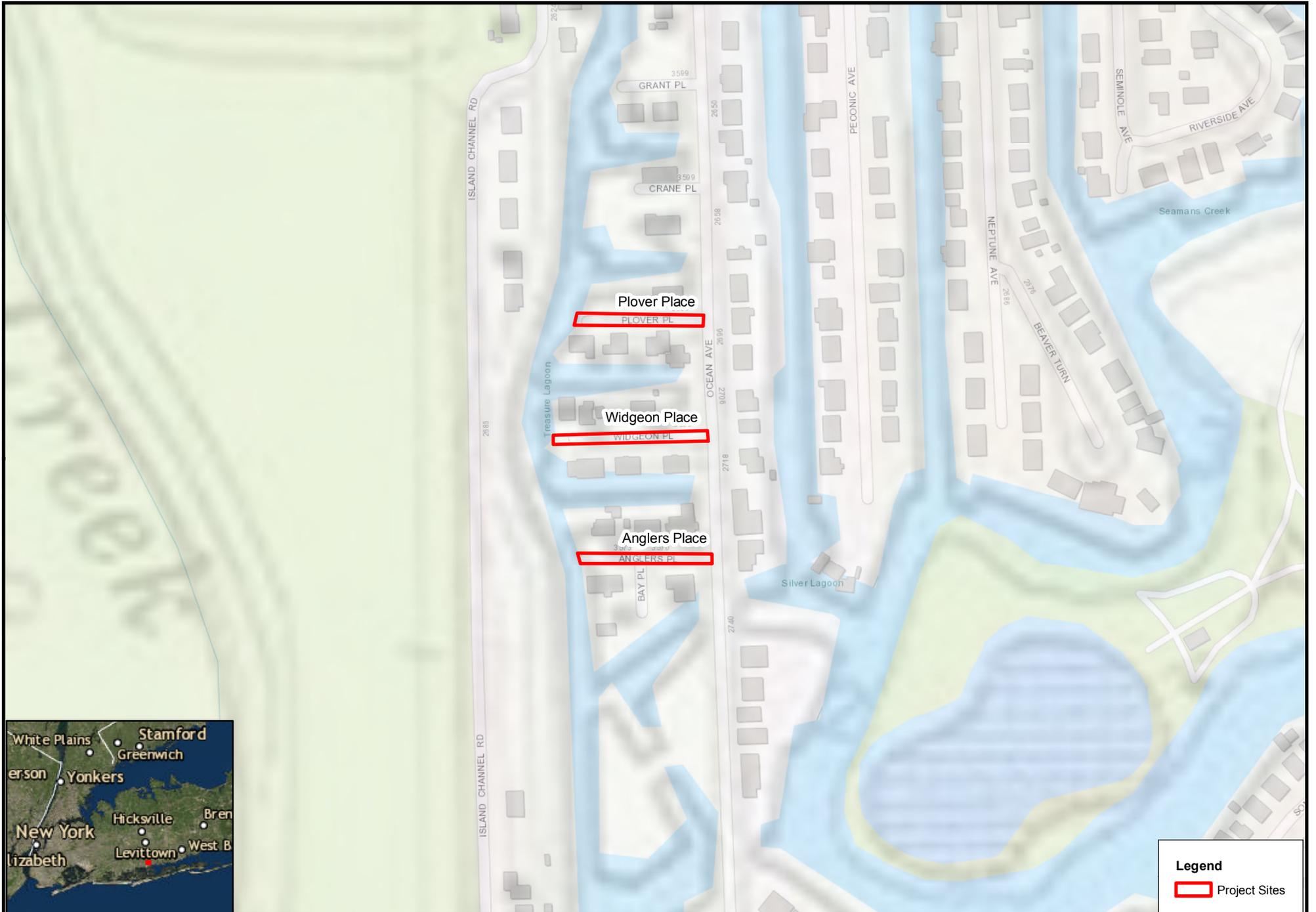
Attachment 1 – Project Maps

Attachment 2 – IPaC Trust Resource Report

Literature Cited

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- Foster, R.W. and A. Kurta, A. 1999. Roosting ecology of the northern bat (*Myotis septentrionalis*) and comparisons with the endangered Indiana bat (*Myotis sodalis*). *Journal of Mammalogy* 80: 659-672.
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- Owen, S.F., M.A. Menzel, W.M. Ford, B.R. Chapman, K.V. Miller, J.W. Edwards, and P.B. Wood. 2003. Home-range size and habitat used by the northern myotis (*Myotis septentrionalis*). *American Midland Naturalist* 150:352-359.

Attachment 1 – Project Maps



Seaford Road Raising Town of Hempstead, Nassau County, New York

0 0.04 0.08 Miles

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse



Governor's Office of
Storm Recovery

Drawn By: ASL | Version: 1.0 | Date: 7/2/2018



FEMA data uses NAVD88*

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Legend

- Project Location Point
- County Boundary



Seaford Road Raising Town of Hempstead, Nassau County, New York

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse



Governor's Office of Storm Recovery

Drawn By: ASL | Version: 1.0 | Date: 7/5/2018



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Attachment 2 – IPaC Trust Resource Report



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Long Island Ecological Services Field Office
340 Smith Road
Shirley, NY 11967-2258
Phone: (631) 286-0485 Fax: (631) 286-4003

In Reply Refer To:

July 10, 2018

Consultation Code: 05E1LI00-2018-SLI-0735

Event Code: 05E1LI00-2018-E-01574

Project Name: Nassau County Road Raising - Anglers Place, Widgeon Place, and Plover Place

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
-

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Long Island Ecological Services Field Office
340 Smith Road
Shirley, NY 11967-2258
(631) 286-0485

Project Summary

Consultation Code: 05E1LI00-2018-SLI-0735

Event Code: 05E1LI00-2018-E-01574

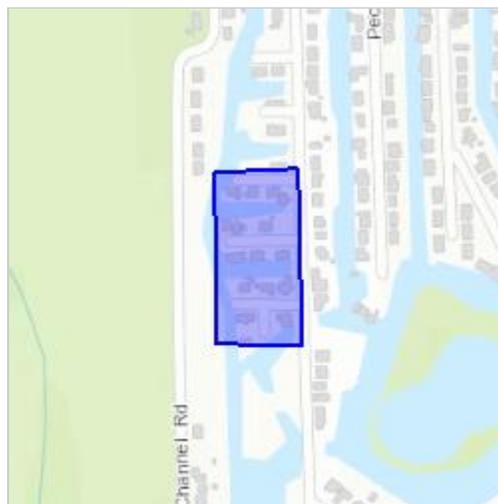
Project Name: Nassau County Road Raising - Anglers Place, Widgeon Place, and Plover Place

Project Type: ** OTHER **

Project Description: The Town of Hempstead is proposing the raising and reconstruction of three local roads, Anglers Place, Widgeon Place, and Plover Place, located west of Ocean Avenue, Seaford, Town of Hempstead, Nassau County, New York. These roads, like many in southern Nassau County, experienced severe rain and tidal flooding during Hurricane Irene and Superstorm Sandy. Since these storms, these streets have experienced an increase in observed monthly high tidal flooding. The Project would also implement improvements to the street-end bulkheads present on each of these three streets and the existing stormwater drainage systems in the area. The Proposed Project will address roadway flooding and stormwater drainage issues in the area that were exacerbated by Hurricane Irene and Superstorm Sandy, and would directly contribute to the rebuilding and recovery of the area with a focus on resiliency and mitigation.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/40.652948637375246N73.49817576353286W>



Counties: Nassau, NY

Endangered Species Act Species

There is a total of 6 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Birds

NAME	STATUS
Piping Plover <i>Charadrius melodus</i> Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6039	Threatened
Red Knot <i>Calidris canutus rufa</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened
Roseate Tern <i>Sterna dougallii dougallii</i> Population: northeast U.S. nesting pop. No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2083	Endangered

Flowering Plants

NAME	STATUS
Sandplain Gerardia <i>Agalinis acuta</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8128	Endangered
Seabeach Amaranth <i>Amaranthus pumilus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8549	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.



Governor's Office of Storm Recovery

ANDREW M. CUOMO
Governor

July 10, 2018

Mr. Steve Papa
U.S. Fish and Wildlife Service
Long Island Field office
340 Smith Rd
Shirley, NY 11967

RE: ESA/MBTA/BGEPA consultation for the Nassau County Road Raising - Anglers Place, Widgeon Place, and Plover Place, located west of Ocean Avenue, Seaford, Town of Hempstead, Nassau County, New York

Dear Mr. Papa:

The Governor's Office of Storm Recovery (GOSR), acting under the auspices of New York State Homes and Community Renewal's (HCR) Housing Trust Fund Corporation (HTFC), on behalf of the Department of Housing & Urban Development (HUD), is preparing an environmental review in accordance with the National Environmental Policy Act (NEPA) process for the Nassau County Road Raising - Anglers Place, Widgeon Place, and Plover Place Project. GOSR proposes to use HUD Community Development Block Grant Disaster Recovery (CDBG-DR) program funding to complete this project.

GOSR is initiating informal consultation with your office concerning the proposed change in the action in accordance with the following laws: Endangered Species Act (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 et seq.), Migratory Bird Treaty Act of 1918 (MBTA) (40 Stat. 755, as amended; 16 U.S.C. 703-712) and the Bald and Golden Eagle Protection Act of 1940 (BGEPA) (54 Stat. 240, as amended; 16 U.S.C. 668-668c).

Proposed Action – Project Activities

The Town of Hempstead is proposing **the raising and reconstruction of three local roads**, Anglers Place, Widgeon Place, and Plover Place, located west of Ocean Avenue, Seaford, Town of Hempstead, Nassau County, New York. These roads, like many in southern Nassau County, experienced severe rain and tidal flooding during Hurricane Irene and Superstorm Sandy. Since these storms, these streets have experienced an increase in observed monthly high tidal flooding. The project would also implement improvements to the street-end bulkheads present on each of these three streets and the existing stormwater drainage systems in the area. The Proposed Project will address roadway flooding and stormwater drainage issues in the area that were exacerbated by Hurricane Irene and Superstorm Sandy, and would directly contribute to the rebuilding and recovery of the area with a focus on resiliency and mitigation.

The Proposed Project would involve the raising and reconstruction of three local roads abutting Ocean Avenue to the west, as well as the stormwater drainage system and street-end bulkhead improvements found at those roads (see attached figures). Large sections of the existing roadways lie at or below elevation 4.50 National Geodetic Vertical Datum of 1929 (NVGD 29), making them susceptible to tidal and storm flooding. The reconstruction of

these roads will establish minimum gutter elevations of 5.00 NVGD 29 to meet Federal Emergency Management Agency's (FEMA's) 10-year still-water level guidelines.

The proposed roadway improvements will include, but not be limited to, removal of the existing asphalt roadway surfaces; emplacement of fill and regrading; widening of roadways; installation or replacement of concrete curbs and sidewalks, valley gutters, and storm drain inlets; and site restoration. The existing stormwater drainage systems will be improved to enhance stormwater transport away from the residences in the area, and these improvements will include, but not be limited to, installation of check valves at outfalls, replacement or installation of subsurface stormwater drainage pipes, and modification of sanitary sewer manholes. In addition, the street-end bulkheads will be reconstructed to meet a minimum elevation of 7.50 NVGD 29 to further mitigate tidal flooding in the area. The work will be conducted in previously disturbed soils under roads and right-of-ways within a residential area.

The purpose of the project is to implement roadway, street-end bulkhead, and storm drainage system improvements to Anglers Place, Widgeon Place, and Plover Place to enhance the resiliency of an area that sustained extensive flooding during Hurricane Irene and Superstorm Sandy. Southern portions of Long Island, including the Project area in Seaford, experienced severe flooding and flood-related damage during these storms, which exacerbated the extent of monthly tidal flooding in the area since then. The proposed improvements to the roadways, bulkheads, and stormwater drainage systems in this area of Seaford will be completed as part of the Nassau County Road Raising projects. The project would contribute to the rebuilding and recovery of the area by: reducing potential flood damage to homes, lawns and landscaping; minimizing the disruption of public services; and improving emergency response accessibility during high tides and storm events.

The project plans call for preservation of existing trees.

Endangered Species Act

The USFWS Information, Planning and Conservation (IPaC) online planning tool Official Species List was generated for the Proposed Action (attached) notes “[t]here are no critical habitat within this project area” and lists the following federally-listed species as having the potential to occur within the vicinity of the Proposed Action:

- Piping plover (*Charadrius melodus*) - threatened,
- Roseate tern (*Sterna dougalli*) - endangered,
- Rufa red knot (*Calidris canutus rufa*)– threatened,
- Northern long-eared bat (*Myotis septentrionalis*) - threatened,
- Sandplain gerardia (*Agalinis acuta*) - endangered, and
- Seabeach amaranth (*Amaranthus pumilus*) - threatened.

Piping plover

The breeding range of the Piping plover within New York State is limited to the coastlines of Long Island, where plovers nest from Queens to eastern Suffolk County (Wasilco 2008). Most Piping plover colonies on Long Island have grown steadily in recent decades in response to protection and management and currently represent approximately one quarter of the total Atlantic Coast population (Hecht and Melvin 2009). Piping plovers nest in several areas of oceanfront beach along the southern shoreline and eastern and western points of Jones Beach Island (e.g., McIntyre and Heath 2011), including Gilgo State Park (NYSOPRHP 2015). Piping plovers nest on the oceanfront beaches of Long Island's barrier islands, and not on the bayside or mainland beaches. Their home range commonly includes bayside flats and back-barrier storm overwash areas, which are important foraging habitats for adults and fledglings (Elias et al. 2000, McIntyre and Heath 2011).

The project is limited to the improvements to the existing infrastructure. Because Piping plovers are not expected to occur near the project site, the Proposed Action is considered to have **“No Effect”** on the Piping plover or the habitats on which it depends.

Roseate Tern

According to New York Natural Heritage Program (NYNHP), there are only two sizeable colonies in New York and almost exclusively on island where predation pressure is lower. Breeding locations in New York is confined to between 5 to 10 locations on Long Island annually (McGowan and Corwin 2008). The great majority of the State’s birds nest on Great Gull Island which is located east of Plum Island north of the eastern tip of Long Island. Cartwright Island supported substantial numbers in 2001-2004. The eastern tip of Long Island is an important staging area where birds collect for several weeks before migrating en masse to South America (USFWS, 1998). Roseate terns are threatened by the loss of breeding habitat to coastal development, rising sea-levels, human disturbance, predation, and increased flooding from storms due to climate change. Roseate terns are listed as endangered in the State by the New York Department of Environmental Conservation (NYDEC) and the northeastern U.S. population is federally-listed as endangered. There are an estimated 1,000 miles of maritime beach on Long Island covering about 10,000 to 16,000 acres; there may be more than 30 to 50 extant occurrences statewide. The several documented occurrences of this community have good viability and are protected on public or private conservation land. The community is restricted to the ocean shoreline of the Coastal Lowlands ecozone in Suffolk, Richmond, Queens, Kings, and Nassau Counties. Although the number of maritime beaches may have increased slightly when formerly long, continuous examples were fragmented by development, the overall trend for the community is declining as a result of coastal development and recreational overuse.

The project is limited to improvements to the existing infrastructure. The potential for Roseate terns to occur near the project site is considered low because preferred breeding sites occur on small islands where predation is low. As such, the Proposed Action is considered to have **“No Effect”** on Roseate terns or their habitat.

Rufa red knot

The Rufa subspecies of the red knot, which has recently been listed as federally threatened, migrates up to 30,000 miles round trip between primary wintering grounds at the tip of South America in Tierra del Fuego, in northern Brazil, throughout the Caribbean and along US coasts from Texas to North Carolina. The Rufa red knot breeds in the tundra of the Central Canadian Arctic from northern Hudson Bay to the southern Queen Elizabeth Islands. Rufa red knots require stopover habitats rich in easily digested foods with thin or no shells (like juvenile clams, mussels and horseshoe crab eggs) in order to gain enough weight to fuel the next flight. Delaware Bay is the most significant spring migration staging area for Rufa red knots, which time their arrival in the bay to coincide with the peak horseshoe crab spawning period (Baker et al. 2004, Niles et al. 2009). Monomoy National Wildlife Refuge in Cape Cod, Massachusetts appears to be among the most significant staging areas for red knots during their southbound autumn migration (Harrington et al. 2010, Burger et al. 2012). In addition to these primary staging areas in Delaware Bay and Cape Cod, migrating Rufa red knots may stage in much lower densities elsewhere along the Atlantic coast (Harrington 2010, Burger et al. 2012). Although migrating Rufa red knots occur along Long Island (e.g., Tanacredi and Badger 1995:104, Fowle and Kerlinger 2001:81, Boretti et al. 2007), none of its beaches, bays, or estuaries are known to be high-use staging areas that support large concentrations of individuals. Instead, red knots are usually seen on Long Island in small groups (e.g., Wells 1996:59) relative to the tens of thousands of birds observed staging together in Delaware Bay and Cape Cod. Additionally, Rufa red knots are highly sensitive to human disturbance at staging sites (Burger et al. 2004, 2007), and as such, would not be expected to occur near the project site(s).

The project activities area limited to improvements to the existing infrastructure. Because Red knots are not expected to occur near the project site, the Proposed Action is considered to have “**No Effect**” on the Rufa red knot or the habitats on which it depends.

Northern long-eared bat

There are currently no known maternity roost trees or hibernacula known to be occupied by NLEB within the vicinity of the Proposed Action according to geospatial information provided by the USFWS.

The Northern long-eared bat (NLEB), listed as federally threatened, is a temperate, insectivorous bat whose life cycle can be coarsely divided into two primary phases - reproduction and hibernation. NLEB hibernate in caves or mines during winter and then emerge in early spring, with males dispersing and remaining solitary until mating season at the end of the summer, and pregnant females forming maternity colonies in which to rear young. No caves or mines occur near the project site. Summer habitat of the NLEB generally includes upland and riparian forest within heavily forested landscapes (Ford et al. 2005, Henderson et al. 2008). The NLEB is sensitive to fragmentation and urbanization, and requires interior forest for both foraging and breeding (Foster and Kurta 1999, Broders et al. 2006, Henderson et al. 2008). Roost trees are usually in intact forest, close to the core and away from large clearings, roads, or other sharp edges (Menzel et al. 2002, Owen et al. 2003, Carter and Feldhammer 2005).

The area surrounding the project site consists of existing residential environments. There are currently no known maternity roost trees or hibernacula known to be occupied by NLEB within the vicinity of the project location according to geospatial information provided by the USFWS. Further, the Proposed Action is not anticipated to include the removal of mature trees that would provide roosting habitat for the NLEB. The Proposed Action is limited to improvements to the existing infrastructure. It is not anticipated that the project will involve the removal of trees or vegetation, but minor tree or vegetation removal may potentially occur during the project activities. The project is located in a highly-developed area that is comprised of residences, residential yard habitats, and street trees. Since the project is located in a highly-developed area, there is no contiguous forested/wooded habitat located in the vicinity of the project area, and there are no records of the NLEB in the vicinity of the project area, individual NLEBs are not expected to occur in the project area. **Therefore, the project activities area considered to have “No Effect” on the NLEB or the habitats on which it depends.**

Sandplain gerardia and Seabeach amaranth

Sandplain gerardia is an herbaceous annual plant that occurs in sandy coastal plain habitat in poor, dry soils. This plant appears to depend upon disturbance (including fire) to persist. It is a member of sandplain grassland communities and openings in coniferous forest (Neel 2002). It was once a common species when these communities were large and dominant on some areas of Long Island (Taylor 1923).

According to the New York Natural Heritage Program, there are four known occurrences of Sandplain gerardia on Long Island but all of the sites are fairly small and isolated natural areas which require constant management. In good reproduction years, a few of the sites have tens of thousands of plants. There are nine historical occurrences that are now considered extirpated. There are two additional small occurrences that were known to exist until 2000 and 2004 but have since been extirpated. There are five more sites on Long Island where plants have been introduced, one with hundreds of plants, but they are not used for ranking the species.

Montauk, Long Island, and New York once harbored "untold millions" of Sandplain gerardia plants (Taylor 1923). Sandplain gerardia was thought to be extirpated from New York, but was rediscovered on Long Island and now is known from 12-13 EO's due to a combination of discoveries and restoration efforts.

Seabeach amaranth is an herbaceous annual plant that occurs on barrier island beaches, where its primary habitat consists of overwash flats at accreting ends of islands and lower foredunes and upper strands of non-eroding beaches. It occasionally establishes small temporary populations in other habitats, including sound-side beaches, blowouts in foredunes, and sand and shell material placed as beach replenishment or dredge spoil. Seabeach amaranth appears to be intolerant of competition and does not occur on well-vegetated sites. The species appears to need extensive areas of barrier island beaches and inlets, functioning in a relatively natural and dynamic manner. These characteristics allow it to move around in the landscape as a fugitive species, occupying suitable habitat as it becomes available (USFWS 2011). It is only known from Long Island, ranging from Coney Island to near the east end of the South Fork along the southern shore.

The potential for either Sandplain gerardia or Seabeach amaranth to occur near the Proposed Action site is considered unlikely. The project activities are limited to the replace of existing infrastructure within previously developed areas that do not provide habitat for these two species and inside existing enclosures. Because Sandplain gerardia or Seabeach amaranth are not expected to occur near the project site, the project is considered to have “No Effect” on either species or the habitats on which it depends.

Compliance

For purposes of consultation under Section 7(a)(2) of the ESA, we conclude that the Proposed Action will have “No Effect” on the Piping plover, Roseate tern, Rufa red knot, NLEB, Sandplain gerardia, and Seabeach amaranth or the habitats on which these species depend. We request your concurrence with this determination

Species	Listing Status	Effect Determination	Critical Habitat Determination
Piping plover (<i>Charadrius melodus</i>)	Threatened	No Effect	No Effect
Roseate tern (<i>Sterna gougallii</i>)	Endangered	No Effect	No Effect
Rufa red knot (<i>Calidris canutus rufa</i>)	Threatened	No Effect	No Effect
Northern long-eared bat (<i>Myotis septentrionalis</i>)	Threatened	No Effect	No Effect
Sandplain gerardia (<i>Agalinisacuta</i>)	Endangered	No Effect	No Effect
Seabeach amaranth (<i>Amaranthus pumilus</i>)	Threatened	No Effect	No Effect

Migratory Bird Treaty Act

The project activities take place within the Atlantic Flyway. However, the activities are limited to the replacement of an existing infrastructure and provides little habitat for migratory birds. Migratory birds are expected to leave the project area during construction. GOSR has determined that the project activities will have no significant adverse impact on migratory birds or their habitat. Therefore, it is anticipated that migrating birds would not be impacted by the Proposed Action.

Bald and Golden Eagle Protection Act

Bald Eagle (*Haliaeetus leucocephalus*) habitat and breeding sites can be found throughout Nassau County. There are no known breeding bald eagles within the vicinity of the project area; therefore, no adverse impacts to breeding

bald eagles are expected as a result of the project. GOSR has determined that the proposed action would have no impact on the Bald Eagle.

If you have questions or require additional information regarding this request, please contact me at (518) 474-0647 or Alicia.Shultz@nyshcr.org. Thank you for your time and consideration.

Sincerely,



Alicia Shultz
Senior Environmental Scientist
New York State Homes & Community Renewal
Governor's Office of Storm Recovery

Enclosures:

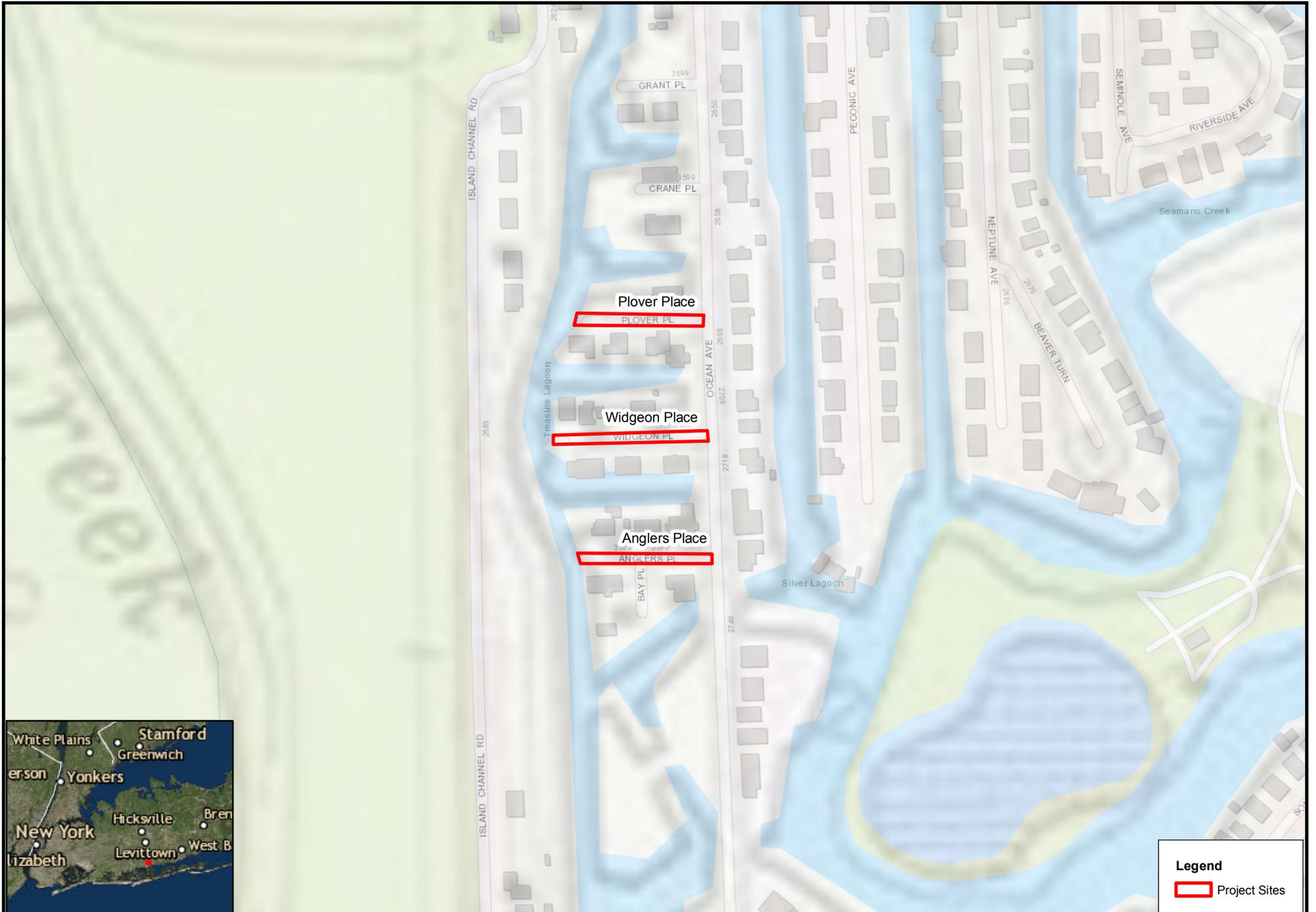
Attachment 1 – Project Maps

Attachment 2 – IPaC Trust Resource Report

Literature Cited

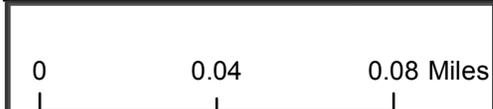
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Attachment 1 – Project Maps



Legend

Project Sites



Seaford Road Raising Town of Hempstead, Nassau County, New York

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse



Governor's Office of
Storm Recovery

Drawn By: ASL | Version: 1.0 | Date: 7/2/2018



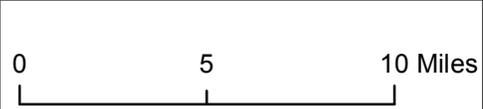
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FEMA data uses NAVD88*



Legend

- Project Location Point
- County Boundary



Seaford Road Raising Town of Hempstead, Nassau County, New York

Data Sources: Esri Topographic and World Imagery Basemap, NYOPDIG, NYDEC, USGS, USFWS, FEMA, NYC MapPluto, EPA OAR-OAQPS, NYS GIS Clearinghouse



Governor's Office of
Storm Recovery

Drawn By: ASL | Version: 1.0 | Date: 7/5/2018



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FEMA data uses NAVD88*

Attachment 2 – IPaC Trust Resource Report



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Long Island Ecological Services Field Office
340 Smith Road
Shirley, NY 11967-2258
Phone: (631) 286-0485 Fax: (631) 286-4003

In Reply Refer To:

July 10, 2018

Consultation Code: 05E1LI00-2018-SLI-0735

Event Code: 05E1LI00-2018-E-01574

Project Name: Nassau County Road Raising - Anglers Place, Widgeon Place, and Plover Place

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
-

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Long Island Ecological Services Field Office
340 Smith Road
Shirley, NY 11967-2258
(631) 286-0485

Project Summary

Consultation Code: 05E1LI00-2018-SLI-0735

Event Code: 05E1LI00-2018-E-01574

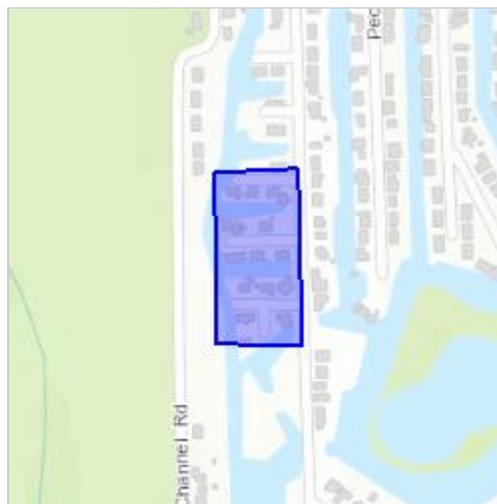
Project Name: Nassau County Road Raising - Anglers Place, Widgeon Place, and Plover Place

Project Type: ** OTHER **

Project Description: The Town of Hempstead is proposing the raising and reconstruction of three local roads, Anglers Place, Widgeon Place, and Plover Place, located west of Ocean Avenue, Seaford, Town of Hempstead, Nassau County, New York. These roads, like many in southern Nassau County, experienced severe rain and tidal flooding during Hurricane Irene and Superstorm Sandy. Since these storms, these streets have experienced an increase in observed monthly high tidal flooding. The Project would also implement improvements to the street-end bulkheads present on each of these three streets and the existing stormwater drainage systems in the area. The Proposed Project will address roadway flooding and stormwater drainage issues in the area that were exacerbated by Hurricane Irene and Superstorm Sandy, and would directly contribute to the rebuilding and recovery of the area with a focus on resiliency and mitigation.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/40.652948637375246N73.49817576353286W>



Counties: Nassau, NY

Endangered Species Act Species

There is a total of 6 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Birds

NAME	STATUS
Piping Plover <i>Charadrius melodus</i> Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6039	Threatened
Red Knot <i>Calidris canutus rufa</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened
Roseate Tern <i>Sterna dougallii dougallii</i> Population: northeast U.S. nesting pop. No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2083	Endangered

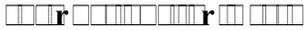
Flowering Plants

NAME	STATUS
Sandplain Gerardia <i>Agalinis acuta</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8128	Endangered
Seabeach Amaranth <i>Amaranthus pumilus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/8549	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

Appendix F



Federal agencies must submit an EFH assessment to NOAA Fisheries as part of the EFH consultation. Your EFH assessment must include:

- 1) A description of the proposed action.
- 2) An analysis of the potential adverse effects of the action on EFH, and the managed species.
- 3) The federal agency's conclusions regarding the effects of the action on EFH.
- 4) Proposed mitigation if applicable.

In order for this worksheet to be considered as your EFH assessment, you must answer the questions in this worksheet fully and with as much detail as available. Give brief explanations for each answer.

Federal action agencies or the non-federal designated lead agency should submit the completed worksheet to NOAA Fisheries Greater Atlantic Regional Fisheries Office, Habitat Conservation Division (HCD) with the public notice or project application. Include project plans showing existing and proposed conditions, all waters of the U.S. on the project site, with mean low water (MLW), mean high water (MHW), high tide line (HTL), and water depths clearly marked and sensitive habitats mapped, including special aquatic sites (submerged aquatic vegetation, saltmarsh, mudflats, riffles and pools, coral reefs, and sanctuaries and refuges), hard bottom habitat areas and shellfish beds, as well as any available site photographs.

For most consultations, NOAA Fisheries has 30 days to provide EFH conservation recommendations once we receive a complete EFH assessment. Submitting all necessary information at once minimizes delays in review and keeps review timelines consistent. Delays in providing a complete EFH assessment can result in our consultation review period extending beyond the public comment period for a particular project.

The information contained on the [HCD website](#) will assist you in completing this worksheet. The HCD website contains information regarding: the EFH consultation process; Guide to EFH Designations which provides a geographic species list; Guide to EFH Species Descriptions which provides the legal description of EFH as well as important ecological information for each species and life stage; and other EFH reference documents including examples of EFH assessments and EFH consultations.

Our website also includes a link to the [NOAA EFH Mapper](#) .

We would note that the EFH Mapper is currently being updated and revised. Should you use the EFH Mapper to identify federally managed species with designated EFH in your project area, we recommend checking this list against the [Guide to Essential Fish Habitat Designations in the Northeast](#) to ensure a complete and accurate list is provided.

EFH ASSESSMENT WORKSHEET FOR FEDERAL AGENCIES (modified 3/2016)

PROJECT NAME:

DATE:

PROJECT NO.:

LOCATION (Water body, county, physical address):

PREPARER:

Step 1: Use the Habitat Conservation Division EFH webpage's [Guide to Essential Fish Habitat Designations](#) in the Northeastern United States to generate the list of designated EFH for federally-managed species for the geographic area of interest. Use the species list as part of the initial screening process to determine if EFH for those species occurs in the vicinity of the proposed action. The list can be included as an attachment to the worksheet. Make a preliminary determination on the need to conduct an EFH consultation.

1. INITIAL CONSIDERATIONS		
EFH Designations	Yes	No
Is the action located in or adjacent to EFH designated for eggs? List the species:		
Is the action located in or adjacent to EFH designated for larvae? List the species:		
Is the action located in or adjacent to EFH designated for juveniles? List the species:		

<p>Is the action located in or adjacent to EFH designated for adults or spawning adults? List the species:</p>		
<p>If you answered 'no' to all questions above, then an EFH consultation is not required - go to Section 5. If you answered 'yes' to any of the above questions, proceed to Section 2 and complete the remainder of the worksheet.</p>		

Step 2: In order to assess impacts, it is critical to know the habitat characteristics of the site before the activity is undertaken. Use existing information, to the extent possible, in answering these questions. Identify the sources of the information provided and provide as much description as available. These should not be yes or no answers. Please note that there may be circumstances in which new information must be collected to appropriately characterize the site and assess impacts. Project plans that show the location and extent of sensitive habitats, as well as water depths, the HTL, MHW and MLW should be provided.

2. SITE CHARACTERISTICS	
Site Characteristics	Description
Is the site intertidal, sub-tidal, or water column?	
What are the sediment characteristics?	
Is there submerged aquatic vegetation (SAV) at or adjacent to project site? If so describe the SAV species and spatial extent.	
Are there wetlands present on or adjacent to the site? If so, describe the spatial extent and vegetation types.	

<p>Is there shellfish present at or adjacent to the project site? If so, please describe the spatial extent and species present.</p>	
<p>Are there mudflats present at or adjacent to the project site? If so please describe the spatial extent.</p>	
<p>Is there rocky or cobble bottom habitat present at or adjacent to the project site? If so, please describe the spatial extent.</p>	
<p>Is Habitat Area of Particular Concern (HAPC) designated at or near the site? If so for which species, what type habitat type, size, characteristics?</p>	
<p>What is the typical salinity, depth and water temperature regime/range?</p>	
<p>What is the normal frequency of site disturbance, both natural and man-made?</p>	
<p>What is the area of proposed impact (work footprint & far afield)?</p>	

Step 3: This section is used to describe the anticipated impacts from the proposed action on the physical/chemical/biological environment at the project site and areas adjacent to the site that may be affected.

3. DESCRIPTION OF IMPACTS			
Impacts	Y	N	Description
Nature and duration of activity(s). Clearly describe the activities proposed and the duration of any disturbances.			
Will the benthic community be disturbed? If no, why not? If yes, describe in detail how the benthos will be impacted.			
Will SAV be impacted? If no, why not? If yes, describe in detail how the SAV will be impacted. Consider both direct and indirect impacts. Provide details of any SAV survey conducted at the site.			
Will salt marsh habitat be impacted? If no, why not? If yes, describe in detail how wetlands will be impacted. What is the aerial extent of the impacts? Are the effects temporary or permanent?			

<p>Will mudflat habitat be impacted? If no, why not? If yes, describe in detail how mudflats will be impacted. What is the aerial extent of the impacts? Are the effects temporary or permanent?</p>			
<p>Will shellfish habitat be impacted? If so, provide in detail how the shellfish habitat will be impacted. What is the aerial extent of the impact? Provide details of any shellfish survey conducted at the site.</p>			
<p>Will hard bottom (rocky, cobble, gravel) habitat be impacted at the site? If so, provide in detail how the hard bottom will be impacted. What is the aerial extent of the impact?</p>			
<p>Will sediments be altered and/or sedimentation rates change? If no, why not? If yes, describe how.</p>			
<p>Will turbidity increase? If no, why not? If yes, describe the causes, the extent of the effects, and the duration.</p>			

<p>Will water depth change? What are the current and proposed depths?</p>			
<p>Will contaminants be released into sediments or water column? If yes, describe the nature of the contaminants and the extent of the effects.</p>			
<p>Will tidal flow, currents, or wave patterns be altered? If no, why not? If yes, describe in detail how.</p>			
<p>Will water quality be altered? If no, why not? If yes, describe in detail how. If the effects are temporary, describe the duration of the impact.</p>			
<p>Will ambient noise levels change? If no, why not? If yes, describe in detail how. If the effects are temporary, describe the duration and degree of impact.</p>			
<p>Does the action have the potential to impact prey species of federally managed fish with EFH designations?</p>			

Step 4: This section is used to evaluate the consequences of the proposed action on the functions and values of EFH as well as the vulnerability of the EFH species and their life stages. Identify which species (from the list generated in Step 1) will be adversely impacted from the action. Assessment of EFH impacts should be based upon the site characteristics identified in Step 2 and the nature of the impacts described within Step 3. The [Guide to EFH Descriptions webpage](#) should be used during this assessment to determine the ecological parameters/preferences associated with each species listed and the potential impact to those parameters.

4. EFH ASSESSMENT			
Functions and Values	Y	N	Describe habitat type, species and life stages to be adversely impacted
Will functions and values of EFH be impacted for:			
<u>Spawning</u> If yes, describe in detail how, and for which species. Describe how adverse effects will be avoided and minimized.			
<u>Nursery</u> If yes, describe in detail how and for which species. Describe how adverse effects will be avoided and minimized.			
<u>Forage</u> If yes, describe in detail how and for which species. Describe how adverse effects will be avoided and minimized.			
<u>Shelter</u> If yes, describe in detail how and for which species. Describe how adverse effects will be avoided and minimized.			

<p>Will impacts be temporary or permanent? Please indicate in description box and describe the duration of the impacts.</p>			
<p>Will compensatory mitigation be used? If no, why not? Describe plans for mitigation and how this will offset impacts to EFH. Include a conceptual compensatory mitigation plan, if applicable.</p>			

Step 5: This section provides the federal agency's determination on the degree of impact to EFH from the proposed action. The EFH determination also dictates the type of EFH consultation that will be required with NOAA Fisheries.

Please note: if information provided in the worksheet is insufficient to allow NOAA Fisheries to complete the EFH consultation additional information will be requested.

5. DETERMINATION OF IMPACT		
Federal Agency's EFH Determination		
<p>Overall degree of adverse effects on EFH (not including compensatory mitigation) will be: (check the appropriate statement)</p>		<p>There is no adverse effect on EFH or no EFH is designated at the project site. EFH Consultation is not required.</p>
		<p>The adverse effect on EFH is not substantial. This means that the adverse effects are either no more than minimal, temporary, or that they can be alleviated with minor project modifications or conservation recommendations. This is a request for an abbreviated EFH consultation.</p>
		<p>The adverse effect on EFH is substantial. This is a request for an expanded EFH consultation.</p>

Step 6: Consultation with NOAA Fisheries may also be required if the proposed action results in adverse impacts to other NOAA-trust resources, such as anadromous fish, shellfish, crustaceans, or their habitats as part of the Fish and Wildlife Coordination Act. Some examples of other NOAA-trust resources are listed below. Inquiries regarding potential impacts to marine mammals or threatened/endangered species should be directed to NOAA Fisheries' Protected Resources Division.

6. OTHER NOAA-TRUST RESOURCES IMPACT ASSESSMENT	
Species known to occur at site (list others that may apply)	Describe habitat impact type (i.e., physical, chemical, or biological disruption of spawning and/or egg development habitat, juvenile nursery and/or adult feeding or migration habitat). Please note, impacts to federally listed species of fish, sea turtles, and marine mammals must be coordinated with the GARFO Protected Resources Division.
alewife	
American eel	
American shad	
Atlantic menhaden	
blue crab	
blue mussel	
blueback herring	

Eastern oyster	
horseshoe crab	
quahog	
soft-shell clams	
striped bass	
other species:	

Useful Links

[National Wetland Inventory Maps](#)

[EPA's National Estuaries Program](#)

[Northeast Regional Ocean Council \(NROC\) Data](#)

[Mid-Atlantic Regional Council on the Ocean \(MARCO\) Data](#)

Resources by State:

Maine

[Eelgrass maps](#)

[Maine Office of GIS Data Catalog](#)

[Casco Bay Estuary Partnership](#)

[Maine GIS Stream Habitat Viewer](#)

New Hampshire

[New Hampshire's Statewide GIS Clearinghouse, NH GRANIT](#)

[New Hampshire Coastal Viewer](#)

Massachusetts

[Eelgrass maps](#)

[MADMF Recommended Time of Year Restrictions Document](#)

[Massachusetts Bays National Estuary Program](#)

[Buzzards Bay National Estuary Program](#)

[Massachusetts Division of Marine Fisheries](#)

[Massachusetts Office of Coastal Zone Management](#)

Rhode Island

[Eelgrass maps](#)

[Narraganset Bay Estuary Program](#)

[Rhode Island Division of Marine Fisheries](#)

[Rhode Island Coastal Resources Management Council](#)

Connecticut

[Eelgrass Maps](#)

[Long Island Sound Study](#)

[CT GIS Resources](#)

[CT DEEP Office of Long Island Sound Programs and Fisheries](#)

[CT Bureau of Aquaculture Shellfish](#)

[Maps CT River Watershed Council](#)

New York

[Eelgrass report](#)

[Peconic Estuary Program](#)

[NY/NJ Harbor Estuary](#)

New Jersey

[Submerged Aquatic Vegetation mapping](#)

[Barnegat Bay Partnership](#)

Delaware

[Partnership for the Delaware Estuary](#)

[Center for Delaware Inland Bays](#)

Maryland

[Submerged Aquatic Vegetation mapping](#)

[MERLIN](#)

[Maryland Coastal Bays Program](#)

Virginia

[Submerged Aquatic Vegetation mapping](#)

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[Greater Atlantic Regional Office](#)
[Atlantic Highly Migratory Species Management Division](#)

Query Results

Map Scale = 1:288,895
 Degrees, Minutes, Seconds: Latitude = 40°37'4" N, Longitude = 73°35'40" E
 Decimal Degrees: Latitude = 40.62, Longitude = -73.59

The query location intersects with spatial data representing EFH and/or HAPCs for the following species/management units.

***** WARNING *****

The list provided below is incomplete due to current data limitations* (please refer to the warnings posted for this region elsewhere on the EFH Mapper). For a complete list of EFH species and life stages designated at this location please consult with the regional office. Regional contact links have been provided above.

Spatial data for species managed by the New England Fishery Management Council will be added to the EFH Mapper as soon as they are available.

Please note under "Life Stage(s) Found at Location" the category "ALL" indicates that one or more life stage of a species (the one or ones listed) is mapped as EFH at the queried location. In cases where "ALL" is the only entry in the table, all life stages of that species share the same map and are designated at the queried location.

EFH

Show	Link	Data Caveats	Species/Management Unit	Life stage(s) Found at Location	Management Council	FMP
			Spiny Dogfish	Sub-Female Adult Male ALL	Mid-Atlantic	Amendment 3 to the Spiny Dogfish FMP
			Scup	Juvenile Adult ALL	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
			Summer Flounder	Juvenile Adult ALL	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
			Black Sea Bass	Juvenile Adult	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
			Bluefin Tuna	Juvenile ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Sandbar Shark	Adult Juvenile ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Skipjack Tuna	Adult ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			White Shark	Neonate ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Smoothhound Shark (Atlantic Stock)	ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Sand Tiger Shark	Neonate/Juvenile ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH

Pacific Salmon EFH

No Pacific Salmon Essential Fish Habitat (EFH) were identified at the report location.

HAPCs

No Habitat Areas of Particular Concern (HAPC) were identified at the report location.

EFH Areas Protected from Fishing

No EFH Areas Protected from Fishing (EFHA) were identified at the report location.

Spatial data does not currently exist for all the managed species in this area. The following is a list of species or management units for which there is no spatial data.
****For links to all EFH text descriptions see the complete data inventory: [open data inventory -->](#)**

New England Council EFH,
 All 28 species managed by this Council,
New England Council HAPCs,
 All existing and recently designated HAPCs,
Mid-Atlantic Council HAPCs,
 No spatial data for summer flounder SAV HAPC.

EFH Data Notice: Essential Fish Habitat (EFH) is defined by textual descriptions contained in the fishery management plans developed by the regional Fishery Management Councils. In most cases mapping data can not fully represent the complexity of the habitats that make up EFH. This report should be used for general interest queries only and should not be interpreted as a definitive evaluation of EFH at this location. A location-specific evaluation of EFH for any official purposes must be performed by a regional expert. Please refer to the following links for the appropriate regional resources.

[Greater Atlantic Regional Office](#)
[Atlantic Highly Migratory Species Management Division](#)

Query Results

Map Scale = 1:72,224
 Degrees, Minutes, Seconds: Latitude = 40°35'26" N, Longitude = 73°34'17" E
 Decimal Degrees: Latitude = 40.59, Longitude = -73.57

The query location intersects with spatial data representing EFH and/or HAPCs for the following species/management units.

*** WARNING ***

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Spatial data for species managed by the New England Fishery Management Council will be added to the EFH Mapper as soon as they are available.

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EFH

Show	Link	Data Caveats	Species/Management Unit	Life stage(s) Found at Location	Management Council	FMP
			Black Sea Bass	ALL Juvenile Adult	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
			Atlantic Mackerel	Eggs Larvae Juvenile Adult ALL	Mid-Atlantic	Atlantic Mackerel, Squid, & Butterfish Amendment 11
			Bluefish	Adult Juvenile ALL	Mid-Atlantic	Bluefish
			Atlantic Butterfish	Juvenile ALL	Mid-Atlantic	Atlantic Mackerel, Squid, & Butterfish Amendment 11
			Spiny Dogfish	Sub-Female Adult Male ALL	Mid-Atlantic	Amendment 3 to the Spiny Dogfish FMP
			Scup	Juvenile Adult ALL	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
			Summer Flounder	Juvenile Adult ALL	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
			Bluefin Tuna	Juvenile ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Sandbar Shark	Adult Juvenile ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Skipjack Tuna	Adult ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Smoothhound Shark (Atlantic Stock)	ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Sand Tiger Shark	Neonate/Juvenile ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH

Pacific Salmon EFH

No Pacific Salmon Essential Fish Habitat (EFH) were identified at the report location.

HAPCs

No Habitat Areas of Particular Concern (HAPC) were identified at the report location.

EFH Areas Protected from Fishing

No EFH Areas Protected from Fishing (EFHA) were identified at the report location.

Spatial data does not currently exist for all the managed species in this area. The following is a list of species or management units for which there is no spatial data.

****For links to all EFH text descriptions see the complete data inventory: [open data inventory -->](#)**

New England Council EFH,

All 28 species managed by this Council,

New England Council HAPCs,

All existing and recently designated HAPCs,

Mid-Atlantic Council HAPCs,

No spatial data for summer flounder SAV HAPC.

EFH Data Notice: Essential Fish Habitat (EFH) is defined by textual descriptions contained in the fishery management plans developed by the regional Fishery Management Councils. In most cases mapping data can not fully represent the complexity of the habitats that make up EFH. This report should be used for general interest queries only and should not be interpreted as a definitive evaluation of EFH at this location. A location-specific evaluation of EFH for any official purposes must be performed by a regional expert. Please refer to the following links for the appropriate regional resources.

[Greater Atlantic Regional Office](#)
[Atlantic Highly Migratory Species Management Division](#)

Query Results

Map Scale = 1:72,224
 Degrees, Minutes, Seconds: Latitude = 40°36'54" N, Longitude = 73°36'13" E
 Decimal Degrees: Latitude = 40.62, Longitude = -73.60

The query location intersects with spatial data representing EFH and/or HAPCs for the following species/management units.

*** WARNING ***

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Spatial data for species managed by the New England Fishery Management Council will be added to the EFH Mapper as soon as they are available.

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EFH

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			Atlantic Mackerel	Eggs Larvae Juvenile Adult ALL	Mid-Atlantic	Atlantic Mackerel, Squid, & Butterfish Amendment 11
			Bluefish	Adult Juvenile ALL	Mid-Atlantic	Bluefish
			Atlantic Butterfish	Juvenile ALL	Mid-Atlantic	Atlantic Mackerel, Squid, & Butterfish Amendment 11
			Spiny Dogfish	Sub-Female Adult Male ALL	Mid-Atlantic	Amendment 3 to the Spiny Dogfish FMP
			Scup	Juvenile Adult ALL	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
			Summer Flounder	Juvenile Adult ALL	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
			Bluefin Tuna	Juvenile ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Sandbar Shark	Adult Juvenile ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Skipjack Tuna	Adult ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			White Shark	Neonate ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Smoothhound Shark (Atlantic Stock)	ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Sand Tiger Shark	Neonate/Juvenile ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH

Pacific Salmon EFH

No Pacific Salmon Essential Fish Habitat (EFH) were identified at the report location.

HAPCs

No Habitat Areas of Particular Concern (HAPC) were identified at the report location.

EFH Areas Protected from Fishing

No EFH Areas Protected from Fishing (EFHA) were identified at the report location.

Spatial data does not currently exist for all the managed species in this area. The following is a list of species or management units for which there is no spatial data.

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New England Council EFH,

All 28 species managed by this Council,

New England Council HAPCs,

All existing and recently designated HAPCs,

Mid-Atlantic Council HAPCs,

No spatial data for summer flounder SAV HAPC.

EFH Data Notice: Essential Fish Habitat (EFH) is defined by textual descriptions contained in the fishery management plans developed by the regional Fishery Management Councils. In most cases mapping data can not fully represent the complexity of the habitats that make up EFH. This report should be used for general interest queries only and should not be interpreted as a definitive evaluation of EFH at this location. A location-specific evaluation of EFH for any official purposes must be performed by a regional expert. Please refer to the following links for the appropriate regional resources.

[Greater Atlantic Regional Office](#)
[Atlantic Highly Migratory Species Management Division](#)

Query Results

Map Scale = 1:72,224

Degrees, Minutes, Seconds: Latitude = 40°37'58" N, Longitude = 73°27'58" E

Decimal Degrees: Latitude = 40.63, Longitude = -73.47

The query location intersects with spatial data representing EFH and/or HAPCs for the following species/management units.

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EFH

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			Longfin Inshore Squid	Eggs ALL	Mid-Atlantic	Atlantic Mackerel, Squid, & Butterfish Amendment 11
			Atlantic Mackerel	Eggs Larvae Juvenile Adult ALL	Mid-Atlantic	Atlantic Mackerel, Squid, & Butterfish Amendment 11
			Bluefish	Adult Juvenile ALL	Mid-Atlantic	Bluefish
			Atlantic Butterfish	Juvenile ALL	Mid-Atlantic	Atlantic Mackerel, Squid, & Butterfish Amendment 11
			Atlantic Surfclam	Juvenile Adult ALL	Mid-Atlantic	Surfclam and Ocean Quahog
			Scup	Juvenile Adult ALL	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
			Summer Flounder	Juvenile Adult ALL	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
			Bluefin Tuna	Juvenile ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Sandbar Shark	Adult Juvenile ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Skipjack Tuna	Adult ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			White Shark	Neonate ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Smoothhound Shark (Atlantic Stock)	ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Sand Tiger Shark	Neonate/Juvenile ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH

Pacific Salmon EFH

No Pacific Salmon Essential Fish Habitat (EFH) were identified at the report location.

HAPCs

No Habitat Areas of Particular Concern (HAPC) were identified at the report location.

EFH Areas Protected from Fishing

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All 28 species managed by this Council,

New England Council HAPCs,

All existing and recently designated HAPCs,

Mid-Atlantic Council HAPCs,

No spatial data for summer flounder SAV HAPC.

EFH Data Notice: Essential Fish Habitat (EFH) is defined by textual descriptions contained in the fishery management plans developed by the regional Fishery Management Councils. In most cases mapping data can not fully represent the complexity of the habitats that make up EFH. This report should be used for general interest queries only and should not be interpreted as a definitive evaluation of EFH at this location. A location-specific evaluation of EFH for any official purposes must be performed by a regional expert. Please refer to the following links for the appropriate regional resources.

[Greater Atlantic Regional Office](#)
[Atlantic Highly Migratory Species Management Division](#)

Query Results

Map Scale = 1:36,112
 Degrees, Minutes, Seconds: Latitude = 40°38'33" N, Longitude = 73°34'4" E
 Decimal Degrees: Latitude = 40.64, Longitude = -73.57

The query location intersects with spatial data representing EFH and/or HAPCs for the following species/management units.

***** WARNING *****

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EFH

Show	Link	Data Caveats	Species/Management Unit	Life stage(s) Found at Location	Management Council	FMP
			Scup	Juvenile Adult ALL	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
			Summer Flounder	Juvenile Adult ALL	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
			Black Sea Bass	Juvenile Adult	Mid-Atlantic	Summer Flounder, Scup, Black Sea Bass
			Bluefin Tuna	Juvenile ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Sandbar Shark	Juvenile ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH
			Skipjack Tuna	Adult ALL	Secretarial	Amendment 10 to the 2006 Consolidated HMS FMP: EFH

Pacific Salmon EFH

No Pacific Salmon Essential Fish Habitat (EFH) were identified at the report location.

HAPCs

No Habitat Areas of Particular Concern (HAPC) were identified at the report location.

EFH Areas Protected from Fishing

No EFH Areas Protected from Fishing (EFHA) were identified at the report location.

<p>Spatial data does not currently exist for all the managed species in this area. The following is a list of species or management units for which there is no spatial data. **For links to all EFH text descriptions see the complete data inventory: open data inventory --></p> <p>New England Council EFH, All 28 species managed by this Council, New England Council HAPCs, All existing and recently designated HAPCs, Mid-Atlantic Council HAPCs, No spatial data for summer flounder SAV HAPC.</p>
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Appendix G

MEMORANDUM FOR THE RECORD

March 26, 2018

RE: NMFS No Effect Determination
Nassau County Road Raising and/or Drainage Improvements Program
Various Roads Located South of Sunrise Highway (NYS 27) in Nassau County, NY

The Governor's Office of Storm Recovery (GOSR), operating under the auspices of the New York State Homes and Community Renewal's (NYSHCR) Housing Trust Fund Corporation, was established to aid the statewide recovery of disaster-affected communities in New York State. GOSR is administering a U.S. Department of Housing and Urban Development (HUD) Community Development Block Grant for Disaster Recovery (CDBG-DR), including the New York Rising Community Reconstruction (NYRCR) Program. This letter serves to document the review of species protected by the National Oceanic and Atmospheric Administration – National Marine Fisheries Service (NMFS) for the Nassau County Road Raising and/or Drainage Improvements Program, which is proposed to receive CDBG-DR assistance, pursuant to section 7 of the Endangered Species Act (ESA) of 1973 (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) and the Marine Mammal Protection Act (MMPA). Our supporting analysis is provided below. GOSR is preparing a Tier 1 Programmatic Environmental Assessments (PEA) for the Nassau County Road Raising and/or Drainage Improvements Program with individual project sites reviewed at a Tier 2 level.

Project Description

The Nassau County Road Raising and/or Drainage Improvements Program (Program) proposes to raise and reconstruct various roads and/or complete drainage improvements along roads located South of Sunrise Highway (NY 27) in Nassau County, New York (Program location maps are included in **Attachment 1**). Depending on specific site conditions and permit requirements, the individual projects will raise and reconstruct roads and/or complete drainage improvements which might include, but is not limited to, placing fill and driving surface materials; regrading; site restoration; installing or replacing concrete curbs and sidewalks, culverts, driveways, and guide rails; relocating utilities; installing or replacing tidal check valves; reconstructing outfalls; upgrading the existing storm water drainage system by installing or replacing drains, inlets, pretreatment structures, detention systems and bio-retention areas, and/or increasing pipe capacity on public and private properties; and installing or reconstructing bulkheads or equivalent along with associated dredging and backfilling. A few individual projects will only have a drainage improvement component in order to mitigate flooding from high tide and future storm events, such

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tectonicengineering.com
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as the installation of tidal check valves on existing drainage systems. Green infrastructure solutions will be incorporated, where possible.

Program activities could be accomplished under United States Army Corps of Engineers (USACE) Nationwide Permit 3 – MAINTENANCE – “(a) [t]he repair, rehabilitation, or replacement of any previously authorized, currently serviceable structure, or fill, or of any currently serviceable structure of fill authorized by 33 CFR 330.3, provided that the structure or fill is not to be put to uses differing from those uses specified or contemplated for it in the original permit or the most recently authorized modifications.” New York State Department of Environmental Conservation (NYSDEC) permit authorizations including Tidal Wetlands – Under Article 25, Water Quality Certification – Under Section 401 – Clean Water Act, and Excavation and Fill in Navigable Waters – Under Article 15, Title 5 will be required for proposed Program activities.

NMFS Species Protected Under the Endangered Species Act

There are five (5) species of sea turtles and one (1) species of fish listed under the Endangered Species Act that have the potential to occur in the Program area. ESA species include:

Sea Turtles

Loggerhead Turtle (*Caretta caretta*) (76 FR 58868; Recovery plan: NMFS & USFWS 2008)
Kemp’s Ridley Turtle (*Lepidochelys kempii*) (35 FR 18319; Recovery plan: NMFS *et al.* 2011)
Green Turtle (*Chelonia mydas*) (81 FR 20057; Recovery plan: NMFS & USFWS 1991)
Hawksbill Turtle (*Eretmochelys imbricata*) (35 FR 8491; Recovery plan: NMFS & USFWS 1993)
Leatherback Turtle (*Dermochelys coriacea*) (35 FR 849; Recovery plan: NMFS & USFWS 1992)

Fish

Atlantic Sturgeon (*Acipenser oxyrinchus oxyrinchus*) (77 FR 5880 and 77 FR 5914)

Analysis

The Program involves the installation or reconstruction of primarily street-end bulkheads in shallow, narrow, developed tidal waterways in Nassau County, New York. Program activities will occur in areas that are partially lined with bulkheads and other bank stabilization structures that protect residential and commercial properties. There is boating activity in the Program area, as evidenced by the presence of boats at existing residential docks and other docking facilities.

There is no critical habitat for any ESA species within the Program area. Program activities will be conducted in areas that are located within underwater lands mapped as uncertified for shellfishing (NYSDEC Shellfish Closure Area) due to existing water quality impairment (**Attachment 2**). While some documented SAV beds are located within the Program area, as depicted in **Attachment 2**, none of the SAV beds occur near the roads where work is being proposed. Program activities will be conducted in developed residential and commercial areas with no documented submerged aquatic vegetation (SAV) (**Attachment 2**).

As depicted on the Map of Estimated Range of Sea Turtles (**Attachment 3**), the Program is located within the estimated range of green, Kemp's ridley, leatherback, hawksbill, and loggerhead sea turtles. These sea turtles are not year-round residents in New York waters and there is no nesting activity in the region. They may occur seasonally in the coastal waters of Long Island; however, their presence in shallow waters in developed areas such as the Program area is unlikely. Occurrence in these shallow waters would be rare and tied to the presence of suitable foraging habitat. Leatherback sea turtles feed almost exclusively on jellyfish in offshore marine environments, whereas green sea turtles tend to frequent seagrass beds. Loggerhead and Kemp's ridley sea turtles feed on mollusks and crustaceans. Hawksbill turtles rarely occur in New York as their preferred habitat consists of warm, coastal shoal waters with abundant SAV. Program activities will take place in areas that lacks suitable foraging habitat and have limited benthic resources and no documented SAV. If a sea turtle were to enter an individual project area, it would be a transient presence with a limited temporal duration. Individual sea turtles would not be expected to travel upstream to the individual project areas. Sea turtles are found in the northeast during the summer and fall months (May - November) with the highest concentrations of turtles occurring from June through October. Program activities will occur in shallow, narrow, developed waterways that lack foraging habitat and are subject to boating and other human activity during the time seasonal transients would be in the region.

As depicted on the Map of Estimated Range of Atlantic Sturgeon Distinct Population Segments (**Attachment 4**), the project area is located within an area mapped as accessible habitat for Atlantic sturgeon, which is defined as in-water habitat located in marine or estuarine areas below the high tide line. Since the project area is located in saline, tidally influenced waters, eggs, larvae, or juvenile Atlantic sturgeon would not be present. Sub-adult and adult Atlantic sturgeon are found seasonally in the coastal waters of Long Island, but are not likely to be present in the intertidal and shallow water depths where project activities will take place. Occurrence in these shallow waters would be tied to the presence of suitable benthic resources for foraging. As discussed above, Program activities will be conducted in areas with no documented SAV and limited benthic resources. Because of the lack of suitable foraging habitat, use of the individual project areas by sturgeon would be limited to transient individuals that are passing through. The Program area does not contain any known overwintering areas; thus, sub-adult and adult Atlantic sturgeon are most

likely to be present in the region from April through November. Individual sturgeon would not be expected to travel upstream to the individual project areas. Program activities will be conducted in shallow, narrow, developed waterways that lack foraging habitat and are subject to boating and other human activity during the time seasonal transients would occur in the region. If present in the individual project areas, seasonal transients are highly mobile and could easily avoid the individual project areas during construction activity.

The Program proposes to raise and reconstruct various roads and/or construct drainage improvements along roads in developed, well-established, residential neighborhoods and/or commercial/ industrial areas, so there would be no loss of potential habitat for ESA species or their prey. Any noise produced during construction would be negligible relative to existing disturbance from boating activity. Program implementation is conditioned upon issuance of applicable federal and state permits and would be constructed in accordance with federal and state permit conditions. Best Management Practices (BMPs) would minimize sediment disturbance and reduce potential impacts from noise or turbidity during construction. The Program does not involve siting a facility that would generate hazardous waste that could cause pollution to the waterway.

Conclusion

The individual project sites are located in developed areas with bulkhead installation, repair or reconstruction occurring, as needed, mainly at the street-ends along the canals. In general, the shoreline in the vicinity of many of the anticipated project areas is bulkheaded and highly developed. There is no critical habitat for ESA species under NMFS jurisdiction within the Program area.

Atlantic sturgeon and sea turtles are found seasonally in the coastal waters of Long Island. However, their presence in shallow waters of developed areas such as the location of Program activities is unlikely. Individual project areas will be located in shallow, narrow waterways that lack foraging habitat and are subject to boating and other human activity during the time seasonal transients would occur in the region. Therefore, sea turtles and sturgeon would not be expected to travel upstream to the individual project areas. If such a species was present, it would be a transient presence with a limited temporal duration, and these highly mobile life stages could easily relocate to avoid temporary construction disturbance. Additionally, Atlantic sturgeon and sea turtles are not year round residents and are only expected to occur within the coastal waters of Long Island from May to November. Furthermore, the Program involves the installation or reconstruction of primarily street-end bulkheads and would not involve the alteration of any potential habitat for ESA species or their prey.

Based on this analysis, Program activities would not directly or indirectly affect any ESA species under NMFS jurisdiction. The Program would not introduce stressors on listed species, such as: sound disturbance; changes in water depth or substrate characteristics; exposure to pollutants or changes in water quality; changes in the abundance, availability, accessibility or quality of prey; loss of submerged aquatic vegetation (SAV) or shellfish beds; or changes to in-water structures. Pursuant to the NMFS Greater Atlantic Region Endangered Species Act Section 7 Program, a “**No Effect**” Determination has been made for the proposed Nassau County Road Raising and/or Drainage Improvements Program. We certify that we have used the best scientific data available to complete this analysis.

Determination Reviewed by:

Steve Johnson, Ph.D., Senior Ecologist, SWCA (formerly New England Environmental, Inc., resume attached)

Attachments:

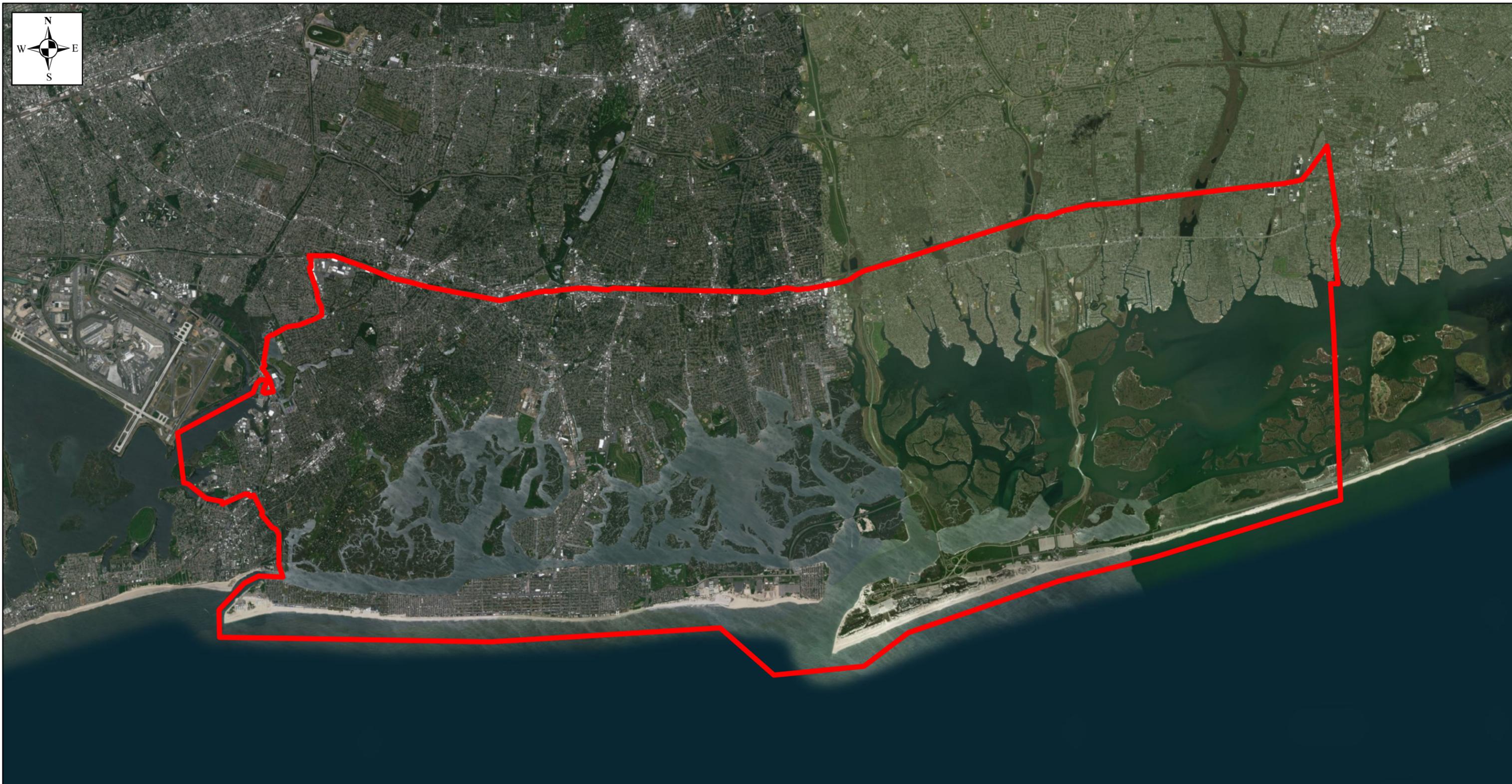
Attachment 1 – Project Location Maps

Attachment 2 – Map of Documented SAV and NYSDEC Shellfish Closure Areas

Attachment 3 – Map of Estimated Range of Sea Turtles

Attachment 4 – Map of Estimated Range of Atlantic Sturgeon Distinct Population Segments (DPSs)

Attachment 1

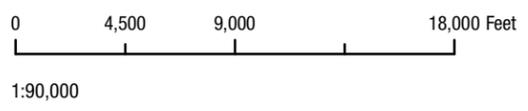


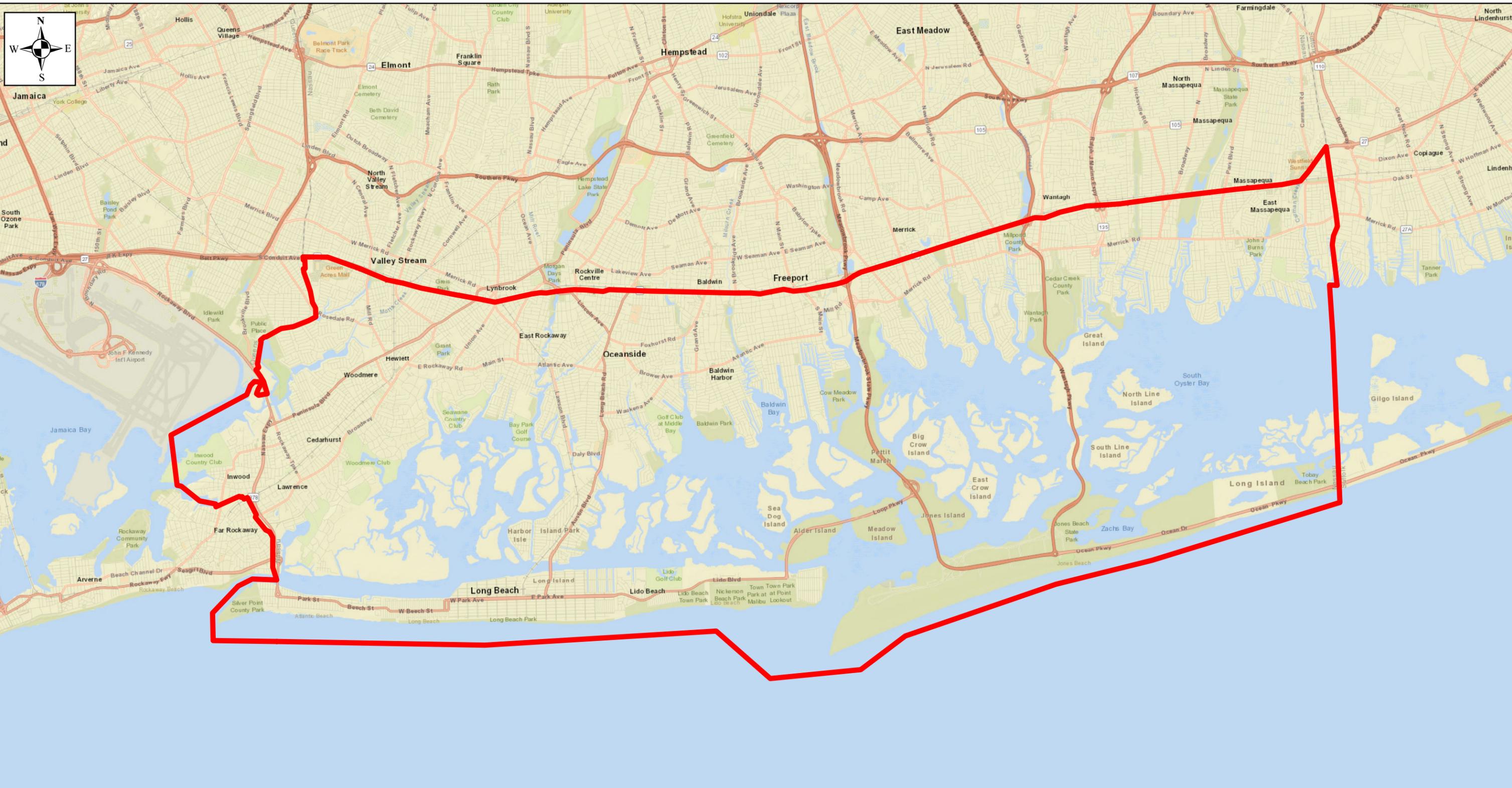
Location Map

Legend

 Tier 1 Project Area

**Nassau County Road Raising
Tier 1 Programmatic Environmental Assessment
South of Sunrise Highway
Nassau County, New York**



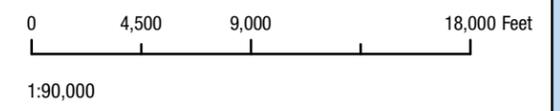


Location Map

Legend

Tier 1 Project Area

**Nassau County Road Raising
Tier 1 Programmatic Environmental Assessment
South of Sunrise Highway
Nassau County, New York**



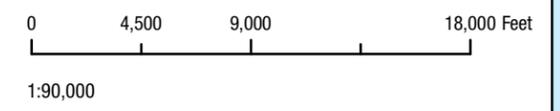


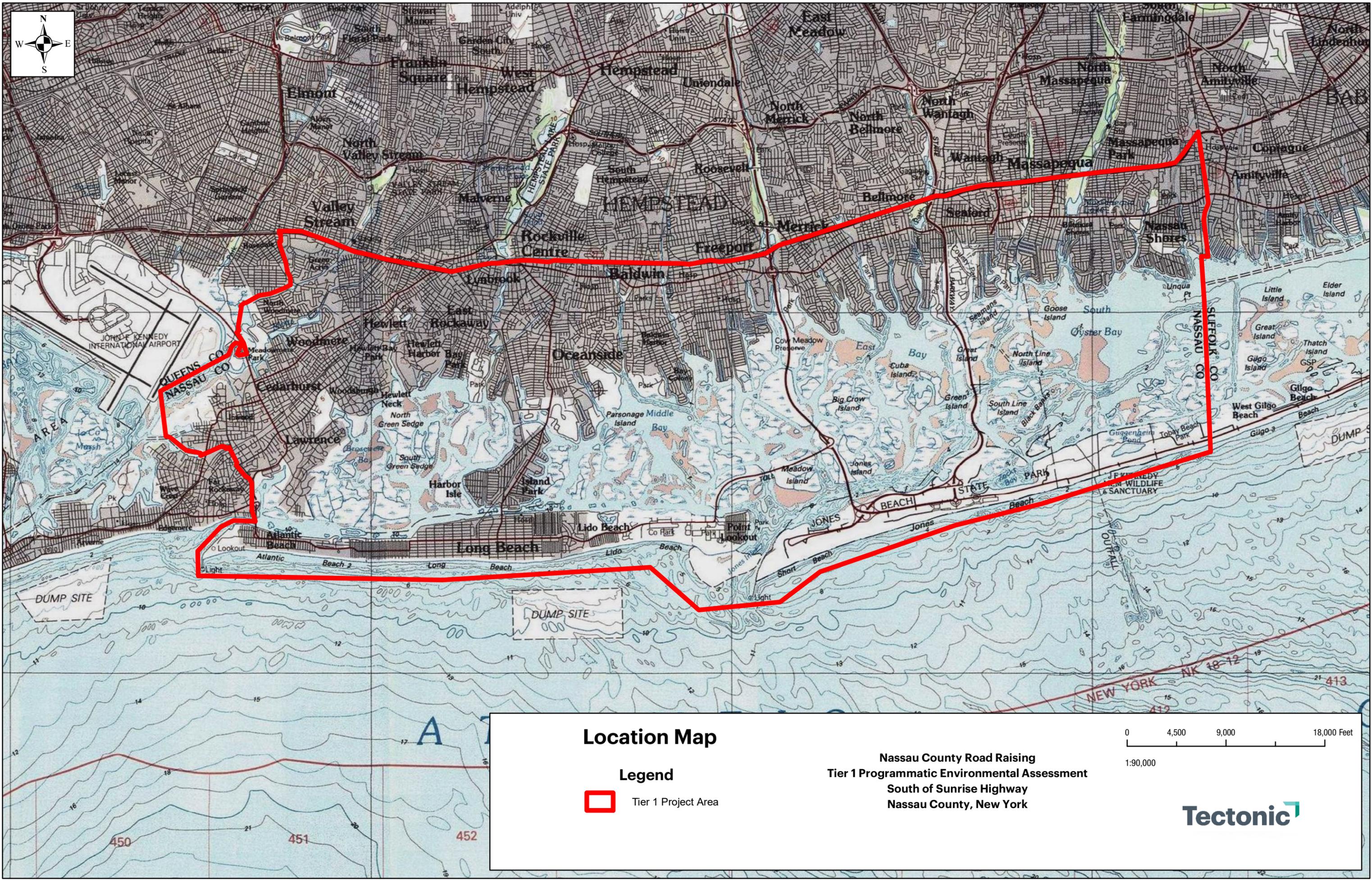
Location Map

Legend

 Tier 1 Project Area

**Nassau County Road Raising
Tier 1 Programmatic Environmental Assessment
South of Sunrise Highway
Nassau County, New York**



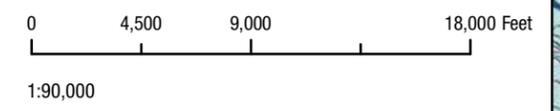


Location Map

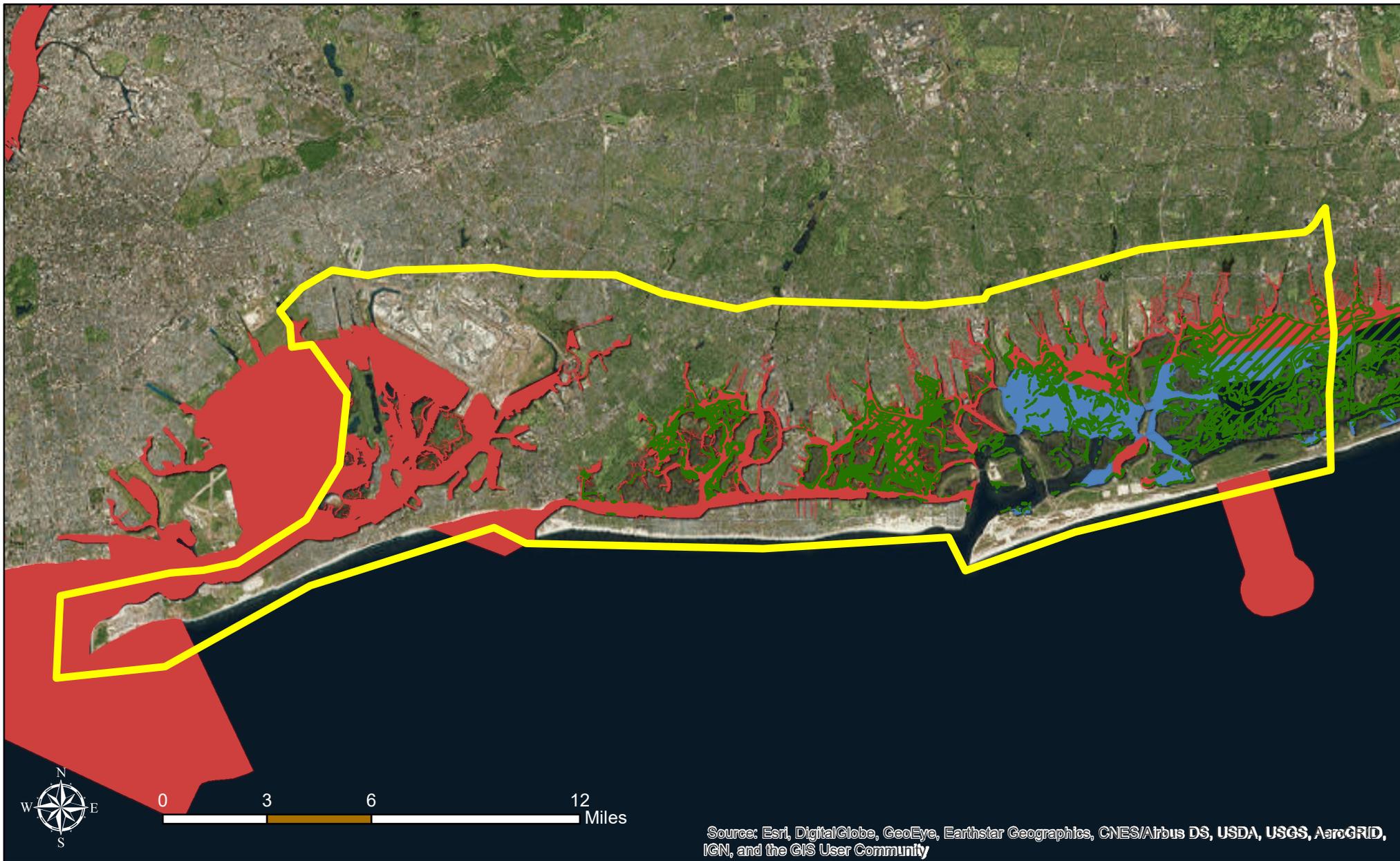
Legend

 Tier 1 Project Area

Nassau County Road Raising
Tier 1 Programmatic Environmental Assessment
South of Sunrise Highway
Nassau County, New York



Attachment 2



Tectonic
 70 Pleasant Hill Road
 Mountainville, N.Y. 10953
 845.534.5959 voice
 845.534.5999 fax
 www.tectonicengineering.com

Legend

-  Program Area
-  Submerged Aquatic Vegetation (SAV)
-  Uncertified for Shellfishing (NYSDEC)
-  Seasonally Uncertified for Shellfishing (NYSDEC)

**Submerged Aquatic Vegetation (SAV)
 and NYSDEC Shellfish Closure Areas
 Nassau County Road Raising Program
 Nassau County, NY**

Attachment

Estimated Range of Sea Turtles

77°W 76°W 75°W 74°W 73°W 72°W 71°W 70°W 69°W 68°W 67°W 66°W

45°N
44°N
43°N
42°N
41°N
40°N
39°N
38°N
37°N

This figure depicts a best estimate of the range of sea turtles in waters of the Greater Atlantic Region as guidance for action agencies in consideration of section 7 of the Endangered Species Act.

Sea turtle species in the NER include loggerhead, Kemp's ridley, leatherback and greens sea turtles. Hawksbill sea turtles are rare in the NER and not included in this figure.

Sea turtles move north into these waters in the spring, arriving in the more southern waters of the mid-Atlantic in mid-April/May and the Gulf of Maine in June. In the fall, this trend is reversed with the most turtles leaving NER waters by the end of November. Outside of these times, sea turtle presence in NER waters is considered unlikely.

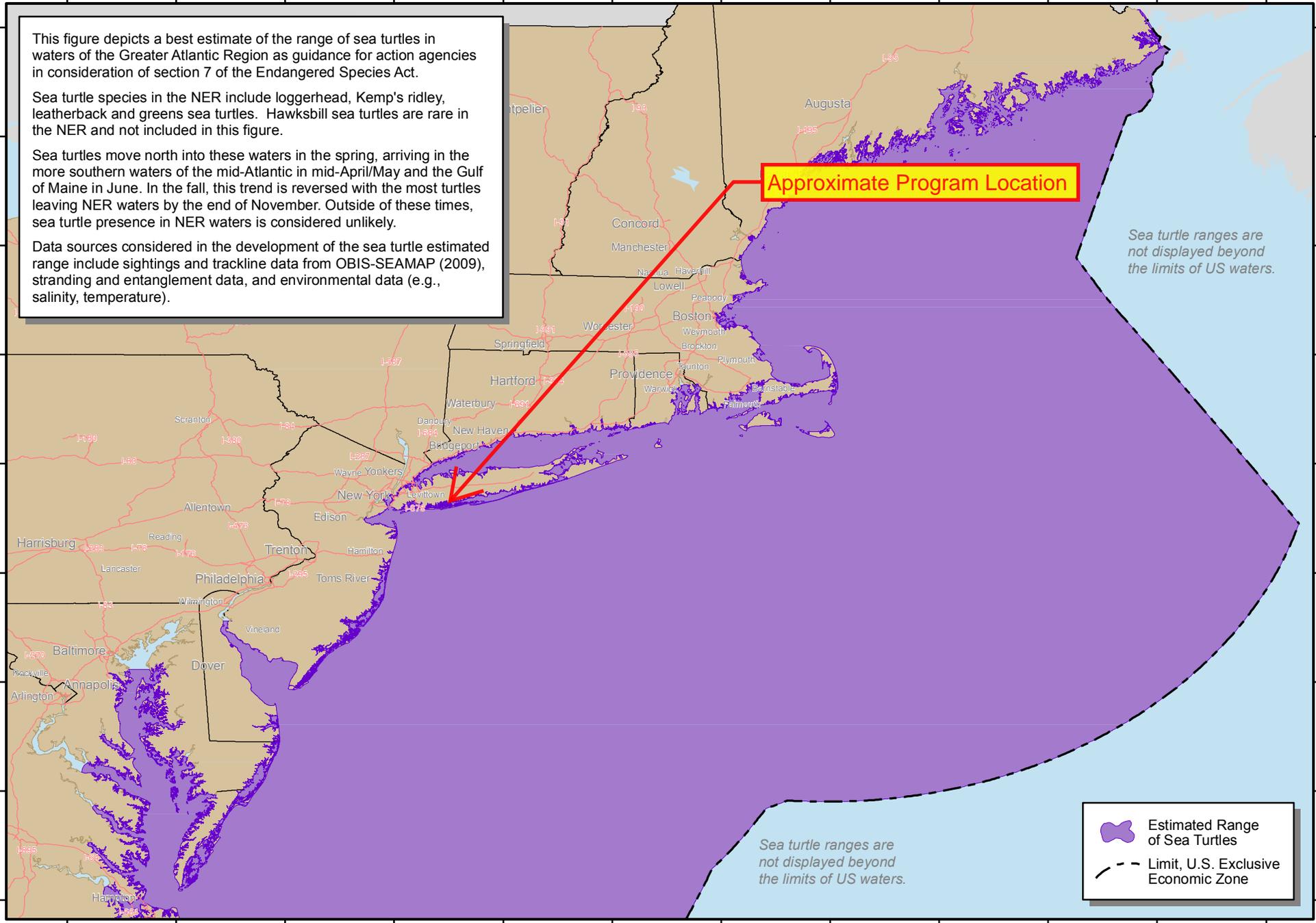
Data sources considered in the development of the sea turtle estimated range include sightings and trackline data from OBIS-SEAMAP (2009), stranding and entanglement data, and environmental data (e.g., salinity, temperature).

Approximate Program Location

Sea turtle ranges are not displayed beyond the limits of US waters.

Sea turtle ranges are not displayed beyond the limits of US waters.

-  Estimated Range of Sea Turtles
-  Limit, U.S. Exclusive Economic Zone



Attachment 4

Estimated Range of Atlantic Sturgeon Distinct Population Segments (DPSs)

78°W 77°W 76°W 75°W 74°W 73°W 72°W 71°W 70°W 69°W 68°W 67°W 66°W

45°N
44°N
43°N
42°N
41°N
40°N
39°N
38°N
37°N

This figure depicts a best estimate of the range of Atlantic sturgeon in waters of the Greater Atlantic Region as guidance for action agencies in consideration of section 7 of the Endangered Species Act.

Please note that the distribution of Atlantic sturgeon may not be exclusively limited to the areas depicted here.

The five Atlantic sturgeon DPSs displayed are: Gulf of Maine, New York Bight, Chesapeake Bay, Carolina, and South Atlantic.

Approximate Program Location

Atlantic Sturgeon Estimated Range for Five DPSs

Inland Range (displayed by HUC10 watershed unit)

- Accessible Waterways*
- Spawning Documented

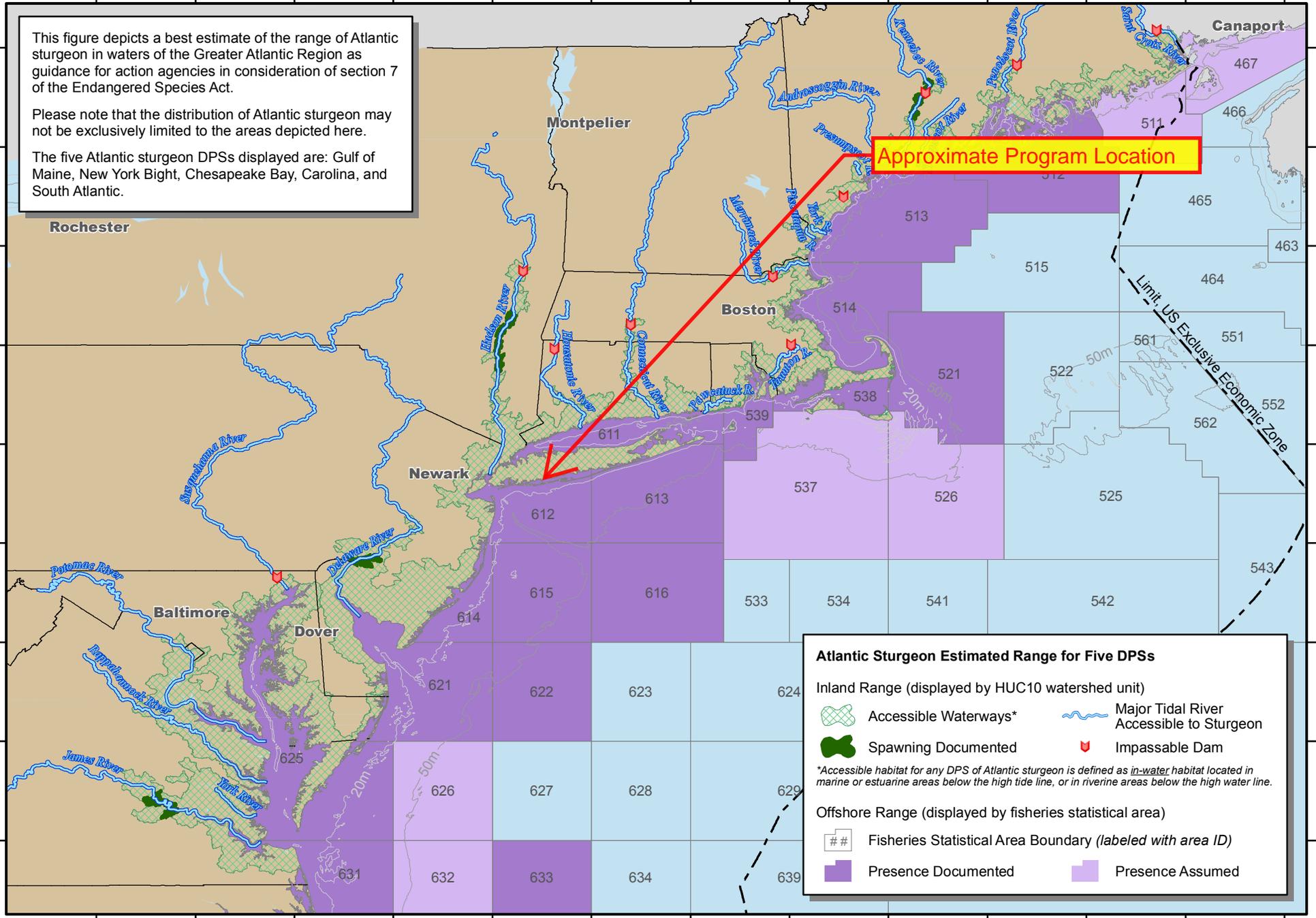
Offshore Range (displayed by fisheries statistical area)

- Fisheries Statistical Area Boundary (labeled with area ID)
- Presence Documented
- Presence Assumed

Major Tidal River Accessible to Sturgeon

Impassable Dam

*Accessible habitat for any DPS of Atlantic sturgeon is defined as in-water habitat located in marine or estuarine areas below the high tide line, or in riverine areas below the high water line.





STEVE L. JOHNSON, PH.D., ENVIRONMENTAL SPECIALIST - SR. ECOLOGIST

Dr. Johnson manages projects associated with rare plant and animal species, including organismic surveys, habitat assessments, translocations, monitoring, conservation plans, permitting, and other research. He specializes in birds, freshwater mussels, plants, reptiles, amphibians, odonates, and mammals throughout the Northeast region. He has conducted rare species – related work for over 20 years. Steve has Advanced SCUBA certification, and has over fifteen years of experience conducting underwater surveys and monitoring in both fresh and saltwater habitats.

YEARS OF EXPERIENCE

20

EXPERTISE

Advanced SCUBA

Field and lab identification of birds, reptiles, amphibians, freshwater mussels, odonates, and plants

Aquatic ecology

Marine Ecology

Rare species ecology

Ecological study design

Radiotelemetry

Geographic information systems

Statistical analysis

Underwater photography and videography

EDUCATION

Ph.D., Organismic and Evolutionary; University of Massachusetts; 2005

B.F.A., Visual Design; Southeastern Massachusetts University; 1983

TRAINING

Advanced SCUBA Certification (NAUI)

OSHA 40 hour HAZWOPER

Back to Basics Soils Workshop, New Hampshire Association of Natural Resource Scientists; 2014

SELECTED PROJECT EXPERIENCE (* denotes New England Environmental project experience prior to SWCA acquisition)

***MADOT Bridge Project; Martha's Vineyard, MA; Massachusetts Department of Transportation.** Marine shellfish relocation and eelgrass habitat assessment. *Role: Ecologist. Worked closely with local shellfish constables to ensure shellfish protection and led efforts to move over 3,000 shellfish, also conducted sampling to estimate plant densities in nearby eelgrass beds.*

***Bog Turtle Surveys; Maryland and Massachusetts.** *Role: Ecologist. Assisted in bog turtle surveys. Found a total of six bog turtles and six spotted turtles.*

***Bridge Construction over the Lamoille River; Milton, Vermont.** Quantitative and qualitative data collection to assess potential impacts of bridge construction over the Lamoille River. *Role: Ecologist. Assisted in quantitative and qualitative data collection to assess potential impacts of bridge construction over the Lamoille River, Milton, VT. Rare species included pocketbook, fluted-shell, and giant floater.*

***Dwarf Wedgemussel Surveys and Research; upper Connecticut River, Vermont and New Hampshire.** *Role: Ecologist. Led a team of mussel biologists collecting data on population and habitat parameters for this Federally Endangered Species. Data to be used by The Nature Conservancy as part of occupancy modeling efforts.*

***Springfield Phase IV CT River Coal Tar Remediation; Springfield, MA.** Provided support in preparation of documentation of rare species habitat value and use of the project area, as well as in developing Best Management Practices (BMP's) for protected species during construction. The targeted species include federal and state listed species, including Shortnose and Atlantic Sturgeon, Yellow Lampmussel, Tidewater Mucket, and Riverine Clubtail. Provided support throughout the permit application process and development of the DEIR, as well as the development of the proposed mitigation plan for the Conservation Management Plan (CMP) specific to mussel species. *Role: Ecologist.*



Grasses of the Northeast Workshop,
New Hampshire Association of Natural
Resource Scientists; 2014

MEMBERSHIPS

Member, New England Wild Flower
Society

Member, Association of Massachusetts
Wetland Scientists

Member, Freshwater Mollusk
Conservation Society

Member, Partners in Amphibian and
Reptile Conservation

***CT River Habitat Assessment; Springfield, MA.** Conducted habitat assessments for Yellow Lampmussel (*Lampsilis cariosa*) and Shortnose Sturgeon (*Acipenser brevirostrum*) at three locations near Combined Sewer Outflows (CSO's) along the Connecticut River in Springfield, Massachusetts. Both target species are listed as Endangered in the State of Massachusetts. Massachusetts Natural Heritage & Endangered Species Program (NHESP) requested detailed habitat assessments focusing on the in-water work areas associated with rehabilitation work at the three CSO's. *Role: Ecologist. Led mussel habitat assessments and underwater surveys, including research on the Shortnose Sturgeon in the CT River, detailing the impacts to spawning, feeding, migration and movement. Provided recommendations for protective measures and/or design changes that will minimize or prevent impacts.*

***Rare Freshwater Mussel Habitat Assessment and Conservation Management Permit; Springfield, Massachusetts.** *Role: Ecologist. Led team of biologists in habitat assessment and survey of proposed construction sites along the Connecticut River. Two species, yellow lampmussel and tidewater mucket, were documented. Co-developed a Conservation Management Permit (CMP) application for the projects with other NEE biologists.*

***Rare Plant Surveys for Connecticut DOT; Monroe and Oxford, Connecticut; Connecticut DOT.** *Role: Ecologist. Led team of botanists surveying for rare plant species within proposed construction footprint of new bridge location. Mapped several populations of rare plants and aided CTDOT in minimizing potential impacts to rare plants.*

***Botanical Surveys of 8.5 Mile Long Proposed Highway Corridor.** *Role: Ecologist. Led spring and summer botanical surveys of 8.5 mile long proposed highway corridor in southern CT, 2012. Also led surveys for southern bog lemming (*Synaptomys cooperi*), eastern box turtle (*Terrapene carolina*), and eastern hognose snake (*Heterodon platirhinos*) along the corridor. Found 12 box turtles, one wood turtle, eastern ribbon snake (*Thamnophis sauritus*), and black rat snake (*Elaphe obsoleta*). (2012)*

***Wood Turtle and Rare Dragonfly Habitat Assessment; Town of Whately, Massachusetts; Town of Whately, Massachusetts.** *Role: Ecologist. During the field assessment, documented presence of state-Endangered winged monkeyflower (*Mimulus alatus*).*

***Post-Construction Data Collection; Lowell, Vermont.** The data on population parameters aquatic macroinvertebrates and stream salamanders, spring salamander (*Gyrinophilus porphyriticus*), dusky salamander (*Desmognathus fuscus*), and two-lined salamander (*Eurycea bislineata*) were part of an assessment of potential impacts to stream fauna from earth moving and construction associated with wind-power turbine installations on Lowell Mountain. (2012) *Role: Ecologist.*

***Spiny softshell (*Apalone spinifera*) Turtle Recovery Project.** *Scuba diving to recapture female turtles equipped with radio transmitters as part of an on-going research project in the northern portion of Lake Champlain. (2012)*

***Freshwater Mussel Surveys; Thames River watershed, CT.** Freshwater mussel surveys to determine distribution of rare species in the Thames River watershed, CT, 2012. Species found include brook floater (*Alasmidonta varicosa*), eastern pondmussel (*Ligumia nasuta*), and eastern pearlshell (*Margaritifera margaritifera*). *Role: Ecologist.*

***Zebra Mussel Surveys; lower Housatonic River.** *Role: Ecologist. Led Zebra Mussel (*Dreissena Polymorpha*) surveys in three impoundments of the lower Housatonic River, CT, 2011.*

***Data Collection for Wind-Power Turbine Installations; Lowell, VT.** Assessment of potential impacts to stream fauna from earth moving and construction associated with wind-power turbine installations on Lowell Mountain. *Role: Ecologist. Collected baseline data on population parameters of aquatic macro invertebrates and stream salamanders, spring salamander (*Gyrinophilus porphyriticus*), dusky salamander (*Desmognathus fuscus*), and two-lined salamander (*Eurycea bislineata*) in head water streams of Lowell Mountain in Lowell, VT, 2011.*



Resume

***Zebra Mussel Surveys; lower Housatonic River, CT.** *Role: Ecologist. Led zebra mussel (*Dreissena polymorpha*) surveys in two impoundments of the lower Housatonic River, CT, 2011.*

***Freshwater Mussel Surveys; Penobscot River, Maine.** Freshwater mussel surveys to assess populations of state-listed species in the Great Works impoundment in the Penobscot River, ME, 2010. Species included yellow lampmussel (*Lampsilis cariosa*), and tidewater mucket (*Leptodea ochracea*). The assessment was used to evaluate the potential impacts of dam removal to rare mussels in this section of river. *Role: Ecologist.*

***Survey Assessment and Translocation; Ashuelot River, NH.** *Role: Ecologist. Assisted in survey assessment and translocation of over 400 dwarf wedgemussel (*Alasmodonta heterodon*) during a dam removal on the Ashuelot River, NH, 2010.*

***Freshwater Mussel Survey; Winooski River, VT.** Freshwater mussel survey and assessment of site of proposed bank stabilization on the Winooski River, VT, 2010. State-listed species included: pink heelsplitter (*Potamilus alatus*), fragile papershell (*Leptodea fragilis*), pocketbook (*Lampsilis ovata*), Fluted-shell (*Lasmigona costata*), and giant floater (*Pyganodon grandis*). *Role: Ecologist.*

***Spiny Softshell Turtle Recovery Project.** Spiny softshell turtle (*Apalone spinifera*) recovery project, 2010. Scuba diving to recapture female turtles equipped with radio transmitters as part of an on-going research project in the northern portion of Lake Champlain. *Role: Ecologist.*

***Coastal Plain Pond Assessments; Massachusetts and New Hampshire.** Coastal plain pond assessments in MA and NH with a focus on tidewater mucket (*Leptodea ochracea*), eastern pondmussel (*Ligumia nasuta*), and other state-listed species, 2009. *Role: Ecologist.*

***Endangered Mussel Species Surveys; Lake Champlain, VT.** Endangered mussel species surveys associated with the repair of the Crown Point Bridge, Lake Champlain, VT, 2009. *Role: Ecologist.*

***Yellow Lampmussel Surveys; Connecticut River, MA and CT.** Yellow lampmussel (*Lampsilis cariosa*) surveys in the Connecticut River, MA and CT, 2009. *Role: Ecologist.*

***Freshwater Mussel Survey.** *Role: Ecologist. Conducted surveys and collected data to assess the potential for zebra mussels (*Dreissena polymorpha*) to infest lakes and rivers of Berkshire County, 2009. Discovered populations of zebra mussels in sections of the Housatonic River.*

Appendix H

**SUMMARY OF 5-STEP FLOODPLAIN AND WETLAND ANALYSIS FOR THE
SEADFORD ROAD RAISING
SEAFORD, NASSAU COUNTY, NEW YORK**

Governor's Office of Storm Recovery
U.S. Department of Housing and Urban Development Community Development Block Grant –
Disaster Recovery

Below is a summary of the analysis conducted in accordance with 24 CFR Part 55 (Floodplain Management and Protection of Wetlands) and Executive Orders 11988 (Floodplain Management).

Pursuant to 24 CFR §55.12(a)(4), steps 2, 3, and 7 of the 8-step process for floodplain management do not apply to projects involving the improvement of existing nonresidential buildings and structures, in communities that are in the Regular Program of the National Flood Insurance Program (NFIP) and are in good standing, provided that the action does not meet the thresholds for “substantial improvement” under §55.2(b)(10) and that the footprint of the structure and paved areas is not significantly increased. Roads and bulkheads are not an insurable structure under the NFIP.

The Proposed Project would involve the raising and reconstruction of three local roads abutting Ocean Avenue to the west, as well as the stormwater drainage system and street-end bulkhead improvements found at those roads. Large sections of the existing roadways lie at or below elevation 4.50 National Geodetic Vertical Datum of 1929 (NVGD 29), making them susceptible to tidal and storm flooding. The reconstruction of these roads will establish minimum gutter elevations of 5.00 NVGD 29 to meet Federal Emergency Management Agency's (FEMA's) 10-year still-water level guidelines.

The proposed roadway improvements will include, but not be limited to, removal of the existing asphalt roadway surfaces; emplacement of fill and regrading; widening of roadways; installation or replacement of concrete curbs and sidewalks, valley gutters, and storm drain inlets; and site restoration. The existing stormwater drainage systems will be improved to enhance stormwater transport away from the residences in the area, and these improvements will include, but not be limited to, installation of check valves at outfalls, replacement or installation of subsurface stormwater drainage pipes, and modification of sanitary sewer manholes. In addition, the street-end bulkheads will be reconstructed to meet a minimum elevation of 7.50 NVGD 29 to further mitigate tidal flooding in the area. The work will be conducted in previously disturbed soils under roads and right-of-ways within a residential area. The project would include replacement of concrete curbs and sidewalks, improvements to the stormwater drainage system, installation of check valves at outfalls, and the reconstruction of street end bulkheads to minimum elevations of 7.5 feet NGVD to prevent flooding. To prevent the road raising from having negative impacts on adjacent private properties, the improved roads would have new storm drain inlets installed at property frontages. The front yards and driveways of the individual properties along each street would be sloped up to the new level of the roads.

Step 1: Determine if the proposed action is in a 100-year floodplain or wetland.

GOSR is proposing to fund the proposed action within the 100-year Floodplain, as indicated by Flood Insurance Rate Map 36059C0263G, and is adjacent to a waterbody (See Appendix A of this Environmental Assessment [EA], figures). The bulkhead is adjacent to tidal-coastal wetlands, as identified by NYSDEC, and is within the 300 feet regulatory boundary of these tidal-coastal wetlands. The bulkhead is adjacent to an estuarine saltwater subtidal unconsolidated bottom excavated (E1UBLx) wetland and Treasure Lagoon to the west. See the attached wetland maps in Appendix A of this EA. This 5-step analysis is provided for this project site as an improvement of existing nonresidential buildings and structures that does not meet the thresholds for “substantial improvement” under §55.2(b)(10) and where the footprint of the structure and paved areas is not significantly increased.

Step 4: Identify and describe the proposed action’s direct and indirect effects associated with occupying or modifying the floodplain or wetland.

A total of approximately **0.28 acres** of previously disturbed and paved floodplain would be disturbed by the Project. There would be a no change in the existing impermeable surface. While the proposed project is a replacement of an existing bulkhead in a wetland, there may be impacts that have already occurred as a result of the placement of the existing bulkhead, but there will be no new wetland impacts anticipated as a result of the completion of the project. Construction of a bulkhead can cause temporary turbidity which may reduce water quality. However, this will be minimized by turbidity controls implemented per the U.S. Army Corps of Engineers (ACOE), New York State Department of Environmental Conservation (NYSEC), and local permit conditions. The presence of a bulkhead may also eliminate shallow-water habitat and/or prevent the recruitment of native sediment. The replacement bulkhead will not be introducing any impacts that have not already occurred with the construction of the existing bulkhead. Direct and indirect impacts on the floodplain and the wetland will be minimal as this area already has an existing bulkhead. The limited area of disturbance would not adversely affect the natural and beneficial values of the floodplain and wetland buffer or lives and property.

The proposed project would reduce damage to homes, lawns and landscaping; reduce disruption of public services such as sanitary garbage collection and mail services; and allow better fire protection, rescue and police responses in times of storms and high tides. The project would directly contribute to the rebuilding and recovery of the area with a focus on resiliency and mitigation.

Step 5: Identify methods to minimize the potential adverse impacts within a floodplain and wetland and to restore and preserve the natural and beneficial values.

Because the roads that would be raised and reconstructed are already in the floodplain and must remain there to provide service to the existing neighborhood, which is also in the floodplain, the proposed project must be located in the floodplain. The project design would minimize permanent disturbance of the floodplain. There would be no change in the existing impermeable surface.

The bulkhead is being elevated and replaced in the same exact location and at the same size. The bulkhead has been designed to not have any additional impacts on the surrounding natural environment, while continuing the same beneficial function. Potential construction related impacts may be mitigated by employing best management practices such as performing in-water work during low tide and sediment control practices to minimize sediment entering the adjacent waterway. Additionally, specific mitigation measures will be implemented as identified in the permits.

The appropriate permits will be obtained in accordance with 6NYCRR PART 608, Protection of Waters Program; 6NYCRR PART 661, Tidal Wetlands Permit Program, NYSDEC stormwater discharge from construction activities regulations; and Section 401 of the Clean Water Act. A stormwater pollution prevention plan (SWPPP) would be prepared for the project. It will describe the use of best management practices to control runoff during construction, which would mitigate any temporary effects on these wetland areas. No changes in land use or impervious surface would occur as a result of the proposed project that would affect these wetlands in the long term.

Step 6: Reevaluate the proposed action to determine if it is still practicable given its floodplain effects.

The elevation of the existing impermeable surfaces of the roads, sidewalks, drainage structures, and bulkheads would be the only long-term effect on the floodplain. The proposed project will not adversely affect the natural and beneficial floodplain values of the floodplain or lives and property, particularly with the respect to the beneficial increase in the community's resiliency. No changes in land use or impervious surface would occur as a result of the proposed project that would affect NYSDEC tidal-coastal wetlands or the nearby NWI wetland in the long term. As a result, the proposed action is still practicable.

Step 8: The proposed action can be implemented after the above steps have been completed.

GOSR has determined that the proposed project will have no direct or indirect adverse impacts to the floodplain or waterway and decided to proceed with the proposed project. project implementation is conditioned upon issuance of applicable local, state and federal permits and the project will be constructed in accordance with the permit conditions, as regulated by the ACOE, NYSDEC and municipality.

Appendix I



Governor's Office of Storm Recovery

ANDREW M. CUOMO
Governor

July 11, 2018

Mr. Larry Moss
Historic Preservation Technical Specialist
New York State Office of Parks, Recreation and Historic Preservation
Division of Historic Preservation
Peebles Island
P.O. Box 189
Waterford, New York 12188-0189

Re: Section 106 Compliance for **Nassau County Road Raising - Anglers Place, Widgeon Place, and Plover Place, located west of Ocean Avenue, Seaford, Town of Hempstead, Nassau County, New York**

Dear Mr. Moss:

Pursuant to the Disaster Relief Appropriations Act, 2013 (Public Law 113-2) and the Housing and Community Development Act (42 U.S.C. § 5301 et seq.), the Governor's Office of Storm Recovery (GOSR), an office of New York State Homes and Community Renewal's Housing Trust Fund Corporation as a recipient of Community Development Block Grant – Disaster Recovery (“CDBG-DR”) funds from the United States Department of Housing and Urban Development (“HUD”), is serving as the entity responsible for compliance with the HUD environmental review procedures set forth in 24 CFR Part 58. GOSR is acting on behalf of HUD in providing the enclosed Program information and request for consultation.

GOSR processes environmental reviews for projects funded with HUD CDBG-DR on a case-by-case basis. In accordance with Section 101(d)(6)(B) of the National Historic Preservation Act (NHPA) of 1966, as amended (16 U.S.C. 470f), and its implementing regulations, 36 Code of Federal Regulations (CFR) Part 800, this letter serves as notification of the proposed action.

Area of Potential Effect: Nassau County Road Raising - Anglers Place, Widgeon Place, and Plover Place project proposes to raise and reconstruct of three local roads, Anglers Place, Widgeon Place, and Plover Place, located west of Ocean Avenue, Seaford, Town of Hempstead, Nassau County, New York (see maps uploaded to CRIS). **No new disturbance would occur. The work will be completed in areas previously disturbed. The area of disturbance is shown in the figures upload into CRIS and include the area of existing roads, walkways and drainage systems.** These roads, like many in southern Nassau County, experienced severe rain and tidal flooding during Hurricane Irene and Superstorm Sandy. Since these storms, these streets have experienced an increase in observed monthly high tidal flooding. The project would also implement improvements to the street-end bulkheads present on each of these three streets and the existing stormwater drainage systems in the area. The Proposed Project will address roadway flooding and stormwater drainage issues in the area that were

exacerbated by Hurricane Irene and Superstorm Sandy, and would directly contribute to the rebuilding and recovery of the area with a focus on resiliency and mitigation.

Proposed Project Description: The Proposed Project would involve the raising and reconstruction of three local roads abutting Ocean Avenue to the west, as well as the stormwater drainage system and street-end bulkhead improvements found at those roads (see attached figures). Large sections of the existing roadways lie at or below elevation 4.50 National Geodetic Vertical Datum of 1929 (NVDG 29), making them susceptible to tidal and storm flooding. The reconstruction of these roads will establish minimum gutter elevations of 5.00 NVDG 29 to meet Federal Emergency Management Agency's (FEMA's) 10-year still-water level guidelines.

The proposed roadway improvements will include, but not be limited to, removal of the existing asphalt roadway surfaces; emplacement of fill and regrading; widening of roadways; installation or replacement of concrete curbs and sidewalks, valley gutters, and storm drain inlets; and site restoration. The existing stormwater drainage systems will be improved to enhance stormwater transport away from the residences in the area, and these improvements will include, but not be limited to, installation of check valves at outfalls, replacement or installation of subsurface stormwater drainage pipes, and modification of sanitary sewer manholes. In addition, the street-end bulkheads will be reconstructed to meet a minimum elevation of 7.50 NVDG 29 to further mitigate tidal flooding in the area. The work will be conducted in previously disturbed soils under roads and right-of-ways within a residential area.

The purpose of the project is to implement roadway, street-end bulkhead, and storm drainage system improvements to Anglers Place, Widgeon Place, and Plover Place to enhance the resiliency of an area that sustained extensive flooding during Hurricane Irene and Superstorm Sandy. Southern portions of Long Island, including the Project area in Seaford, experienced severe flooding and flood-related damage during these storms, which exacerbated the extent of monthly tidal flooding in the area since then. The proposed improvements to the roadways, bulkheads, and stormwater drainage systems in this area of Seaford will be completed as part of the Nassau County Road Raising projects. The project would contribute to the rebuilding and recovery of the area by: reducing potential flood damage to homes, lawns and landscaping; minimizing the disruption of public services; and improving emergency response accessibility during high tides and storm events.

The project area is not located in an historic area. The purpose of this letter is to initiate consultation pursuant to Section 106 of the NHPA per the implementing regulations at 36 Code of Federal Regulations (CFR) Part 800. GOSR respectfully requests your review of the proposed project described herein. If you have any questions or require additional information regarding this request, please feel free to contact me at (518) 474-0647 or via email at Alicia.Shultz@nyshcr.org. Thank you for your time and consideration.

Sincerely,



Alicia Shultz
Senior Environmental Scientist
New York State Homes & Community Renewal
Governor's Office of Storm Recovery
38-40 State St., 408N, Hampton Plaza, Albany, NY 12207
(518) 474-0647 | cell (917) 376-9003 Alicia.Shultz@nyshcr.org |



Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ROSE HARVEY
Commissioner

July 11, 2018

Ms. Alicia Shultz
Environmental Scientist
HCR
38 State Street
Albany, NY 12207

Re: GOSR
Nassau County Road Raising
Anglers Place, Widgeon Place, and Plover Place, Seaford, NY
18PR04307

Dear Ms. Shultz:

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

Based upon this review, the New York SHPO has determined that no historic properties will be affected by this undertaking.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

Michael F. Lynch, P.E., AIA
Director, Division for Historic Preservation

Appendix J



Governor's Office of Storm Recovery

ANDREW M. CUOMO
Governor

MEMORANDUM

July 10, 2018

From: Alicia Shultz, Senior Environmental Scientist, Governor's Office of Storm Recovery

RE: Sole Source Aquifer Analysis - CDBG-DR Program
Seaford Road Raising and/or Drainage Improvements Program
Angler's Place, Widgeon Place, and Plover Place in Hamlet of Seaford,
Town of Hempstead, Nassau County, New York

The Governor's Office of Storm Recovery (GOSR), operating under the auspices of the New York State Homes and Community Renewal's (NYSHCR) Housing Trust Fund Corporation, was established to aid the statewide recovery of disaster-affected communities in New York State. GOSR is administering a U.S. Department of Housing and Urban Development (HUD) Community Development Block Grant for Disaster Recovery (CDBG-DR), including the New York Rising Community Reconstruction (NYRCR) Program. 24 C.F.R. Part 58 requires GOSR to review projects for conformance with the Safe Drinking Water Act of 1974 (42 U.S.C. 201, 300(f) et seq., and 21 U.S.C. 349) as amended, and Environmental Protection Agency ("EPA") regulations pertaining to Sole Source Aquifers found at 40 C.F.R. Part 149.

Project Description

The Town of Hempstead is proposing the raising and reconstruction of three local roads, Anglers Place, Widgeon Place, and Plover Place, located west of Ocean Avenue in the community of Seaford, Town of Hempstead, Nassau County, New York. These roads, like many in southern Nassau County, experienced severe rain and tidal flooding during Hurricane Irene and Superstorm Sandy. Since these storms, these streets have experienced an increase in observed monthly high tidal flooding. The Project would also implement improvements to the street-end bulkheads present on each of these three streets and the existing stormwater drainage systems in the area. The Proposed Project will address roadway flooding and stormwater drainage issues that were exacerbated by Hurricane Irene and Superstorm Sandy, and would directly contribute to the rebuilding and recovery of the project area with a focus on resiliency and mitigation.

The Proposed Project would involve the raising and reconstruction of three local roads abutting Ocean Avenue to the west, as well as the stormwater drainage system and street-end bulkhead

improvements found at those roads. Large sections of the existing roadways lie at or below elevation 4.50 National Geodetic Vertical Datum of 1929 (NVGD 29), making them susceptible to tidal and storm flooding. The reconstruction of these roads will establish minimum gutter elevations of 5.00 NVGD 29 to meet Federal Emergency Management Agency's (FEMA's) 10-year still-water elevations.

The proposed roadway improvements will include, but not be limited to, removal of the existing asphalt roadway surfaces; emplacement of fill and regrading; widening of roadways; installation or replacement of concrete curbs and sidewalks, valley gutters, and storm drain inlets; and site restoration. The existing stormwater drainage systems will be improved to enhance stormwater transport away from the residences in the area, and these improvements will include, but not be limited to, installation of check valves at outfalls, replacement or installation of subsurface stormwater drainage pipes, and modification of sanitary sewer manholes. In addition, the street-end bulkheads will be reconstructed to meet a minimum elevation of 7.50 NVGD 29 to further mitigate tidal flooding in the area. The work will be conducted in previously disturbed soils under roads and right-of-ways within a residential area.

In accordance with the Memorandum of Understanding ("MOU") between EPA and HUD dated August 24, 1990, GOSR has completed the non-housing/project activity initial screen criteria and no additional consultation is required.

Enclosures:

2.A Non-housing/Project Activity Initial Screen Criteria

Attachments:

1. EPA SSA Map

ATTACHMENT 2.A

NON-HOUSING/PROJECT ACTIVITY INITIAL SCREEN CRITERIA

The following list of criteria questions are to be used as an initial screen to determine which **non-housing** projects/activities should be forwarded to the Environmental Protection Agency (EPA) for Preliminary Sole Source Aquifer (SSA) Review. (For housing projects/activities see Attachment 2.B) If any of the questions are answered affirmatively, Attachment 3, SSA Preliminary Review Requirements, should also be completed. The application/final statement, this Attachment, Attachment 3, and any other pertinent information should then be forwarded to EPA at the address below.

Any project/activity not meeting the criteria in this Attachment, but suspected of having a potential adverse effect on the Sole Source Aquifer should also be forwarded.

CRITERIA QUESTIONS	YES	NO	N/A
<p>1. Is the project/activity located within a currently designated or proposed groundwater sensitive area such as a special Ground Water Protection Area, Critical Supply Area, Wellhead Protection Area, etc.? [This information can be obtained from the County or Regional Planning board, the local health department, the State health department or the State environmental agency.]</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<p>2. Is the project/activity located within a one half mile radius (2640 feet) of a current or proposed public water supply well or wellfield? [This information can be obtained from the local health department, the State health department or the State environmental agency.]</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

3. Will the project/activity include or directly cause (check appropriate items):

	YES	NO	N/A
construction or expansion of solid waste disposal, recycling or conversion facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
construction or expansion or closure of landfills	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
construction or expansion of water supply facilities	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
construction or expansion of on-site wastewater treatment plants or sewage trunk lines	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
construction or expansion of gas or petroleum trunk lines greater than 1320 feet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
construction or expansion of railroad spurs or similar extensions	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
construction or expansion of municipal sewage treatment plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

4. Will the project/activity include storage or handling of any hazardous constituents as listed in Attachment 4, Hazardous Constituents

5. Will the project/activity include bulk storage of petroleum in underground or above ground tanks in excess of 1100 gallons?
(Please give what assurance they are done in a proper manner.)

6. Will the project/activity require a federal or state discharge elimination permit or modification of an existing permit?

This attachment was completed by:

Alicia Shultz

Senior Environmental Scientist

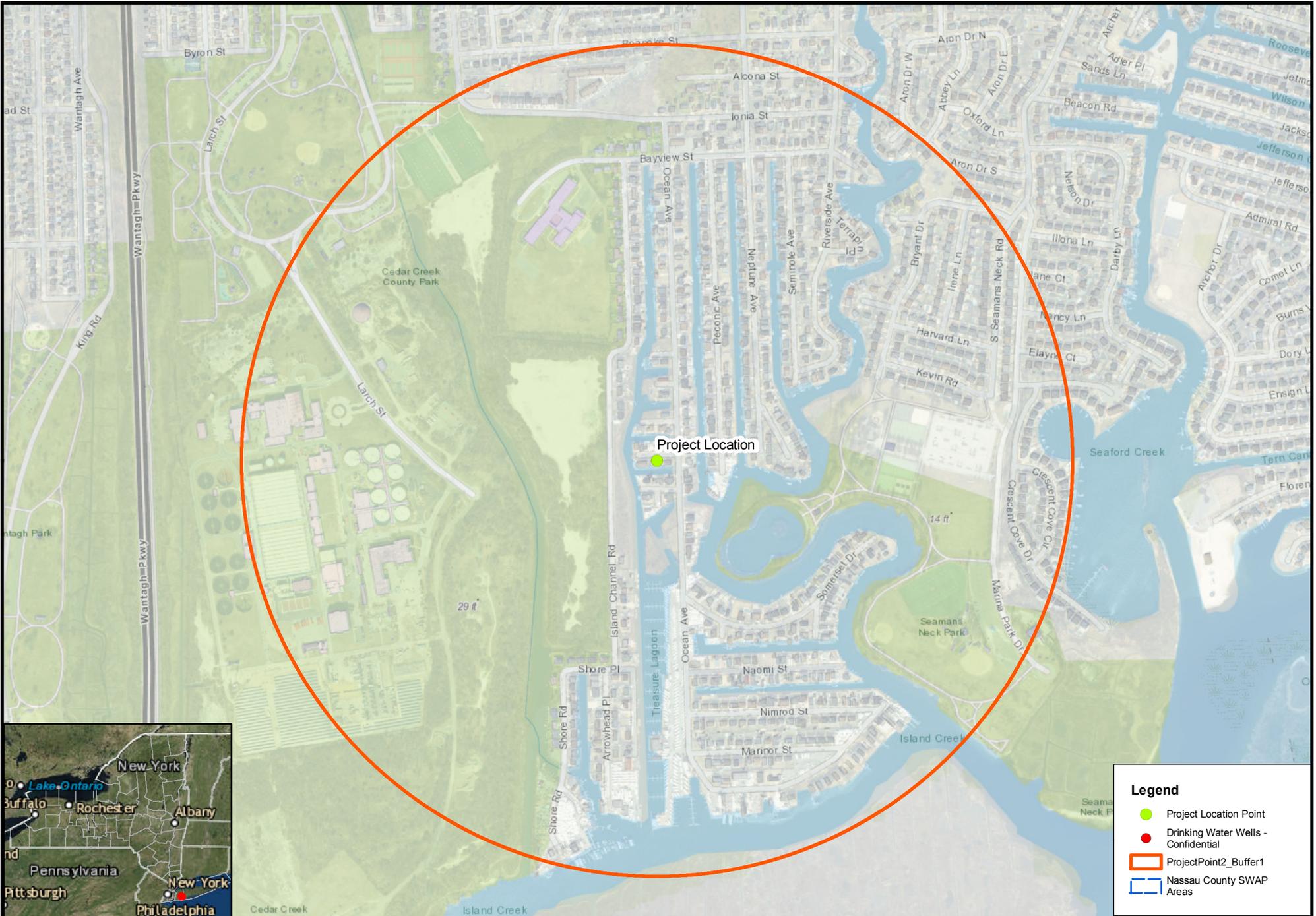
New York State Homes & Community Renewal

Governor's Office of Storm Recovery

38-40 State St., 408N, Hampton Plaza, Albany, NY 12207

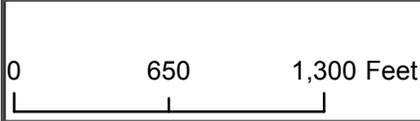
(518) 474-0647 | cell (917) 376-9003 Alicia.Shultz@nyshcr.org |

July 10, 2018



Legend

- Project Location Point
- Drinking Water Wells - Confidential
- ProjectPoint2_Buffer1
- Nassau County SWAP Areas



Seaford Road Raising

Town of Hempstead, Nassau County, New York

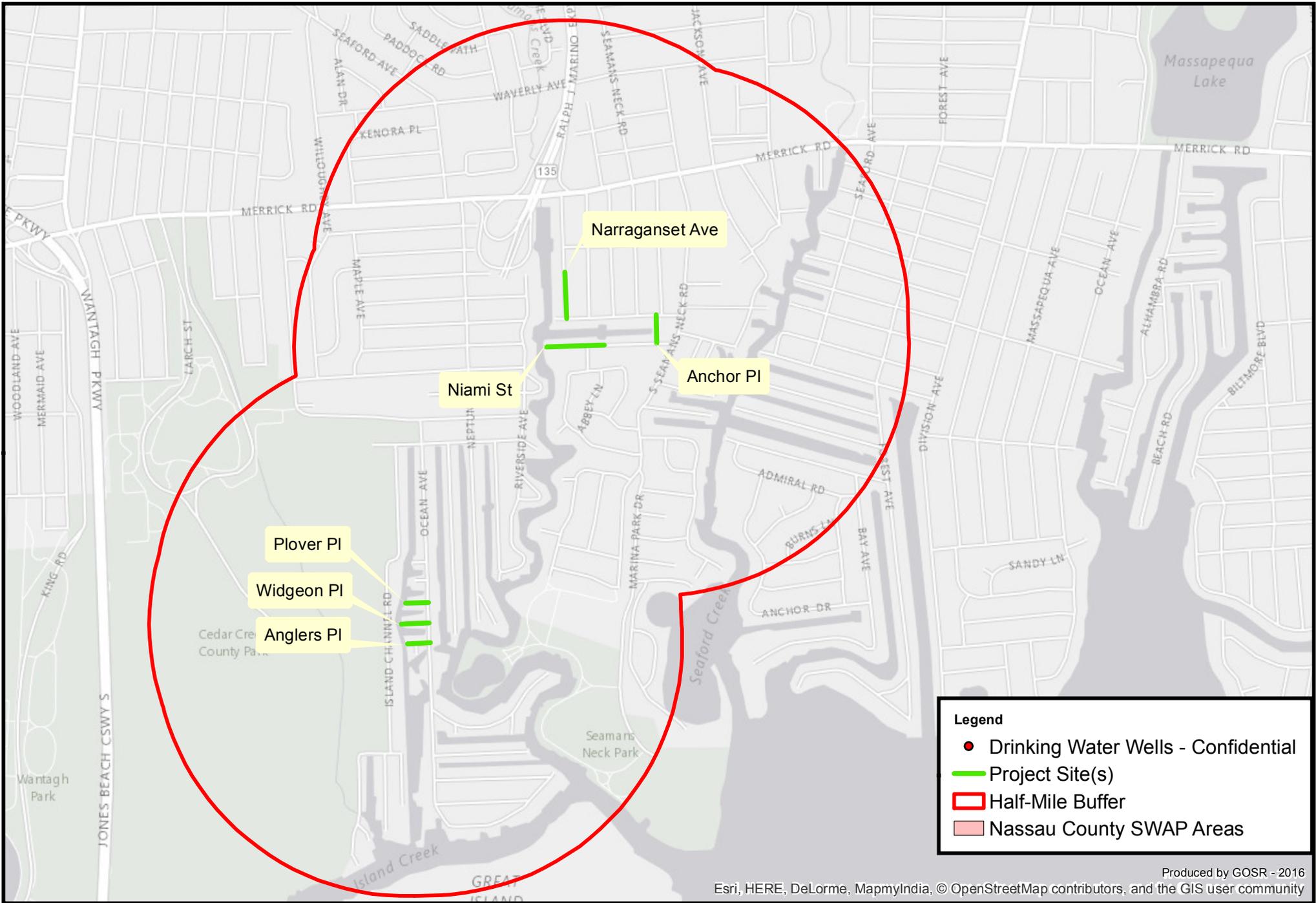
Half-Mile Buffer SSA and SWAP Analysis

Governor's Office of Storm Recovery

N
▲

Drawn By: Initials | Version: 1.0 | Date: 7/2/2018

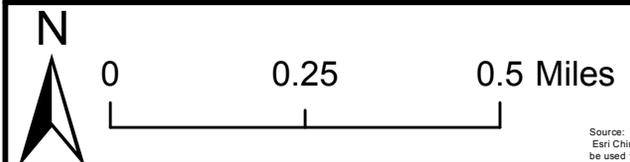
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Legend

- Drinking Water Wells - Confidential
- Project Site(s)
- Half-Mile Buffer
- Nassau County SWAP Areas

Produced by GOSR - 2016
 Esri, HERE, DeLorme, MapmyIndia, © OpenStreetMap contributors, and the GIS user community



Town of Hempstead
Seaford Road Raising
1/2 Mile Buffer and SWAP Analysis

Source: GOSR, New York State GIS Clearinghouse - NYS GIS Program Office - ESRI Corporation, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community. Draft Copy - For Internal Use only. Not to be used for any planning or policy analysis or decisions by others.

GOVERNOR'S OFFICE OF STORM RECOVERY

"We're not just going to build what was, we're going to build to a level that never was before."

-Governor Cuomo

Date: 08/22/2016

Version: 1.0

Drawn By: LS

Attachment 1

TOWN OF HEMPSTEAD
 DEPARTMENT OF ENGINEERING
 NASSAU COUNTY, NEW YORK



30% DESIGN
 SUBMISSION
 (REVISED 11/09/17)

CONTRACT DRAWINGS FOR
 ROADWAY GRADE RAISE
 AND SHORELINE STABILIZATION
 ANGLERS PLACE - WIDGEON PLACE AREA
 SEAFORD, N.Y.
 NOVEMBER 2017

	NASSAU COUNTY FILE NO.
	NASSAU COUNTY APPROVALS

SCALE: 1" = 800'

LOCATION PLAN
 SHADED AREA INDICATES CONTRACT LIMITS

WARNING - It is a violation of the Education Law for any person, unless acting under the direction of a licensed professional engineer, to alter any item on these plans in any way.

P.W. #

APPROVED BY

 DOUGLAS L. TUMAN, P.E., ESQ.
 COMMISSIONER OF ENGINEERING

DATE

 THOMAS TOSCANO
 COMMISSIONER OF HIGHWAYS

DATE

SUBMITTED FOR APPROVAL BY

 JEFFREY M. TIERNEY
 DEPUTY COMMISSIONER OF ENGINEERING

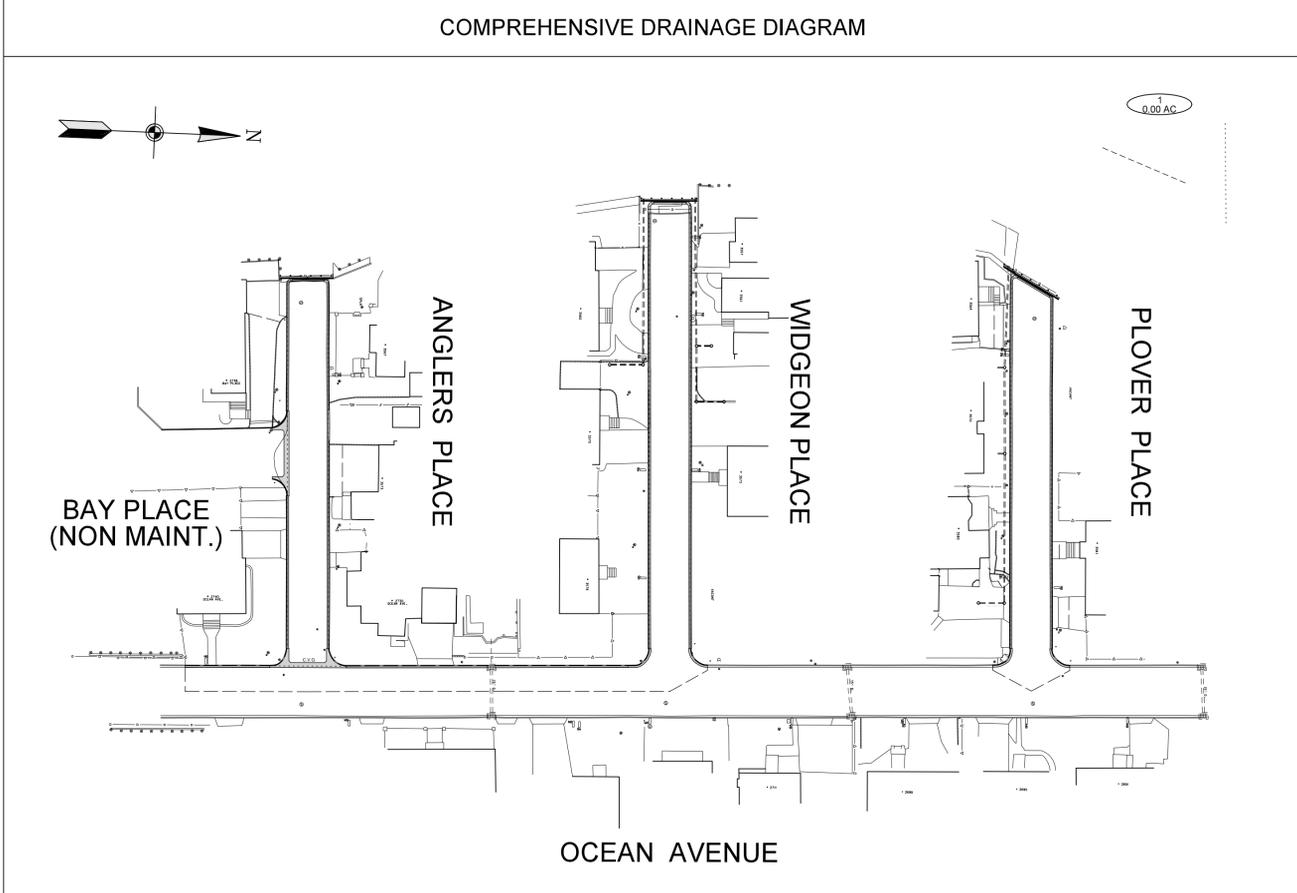
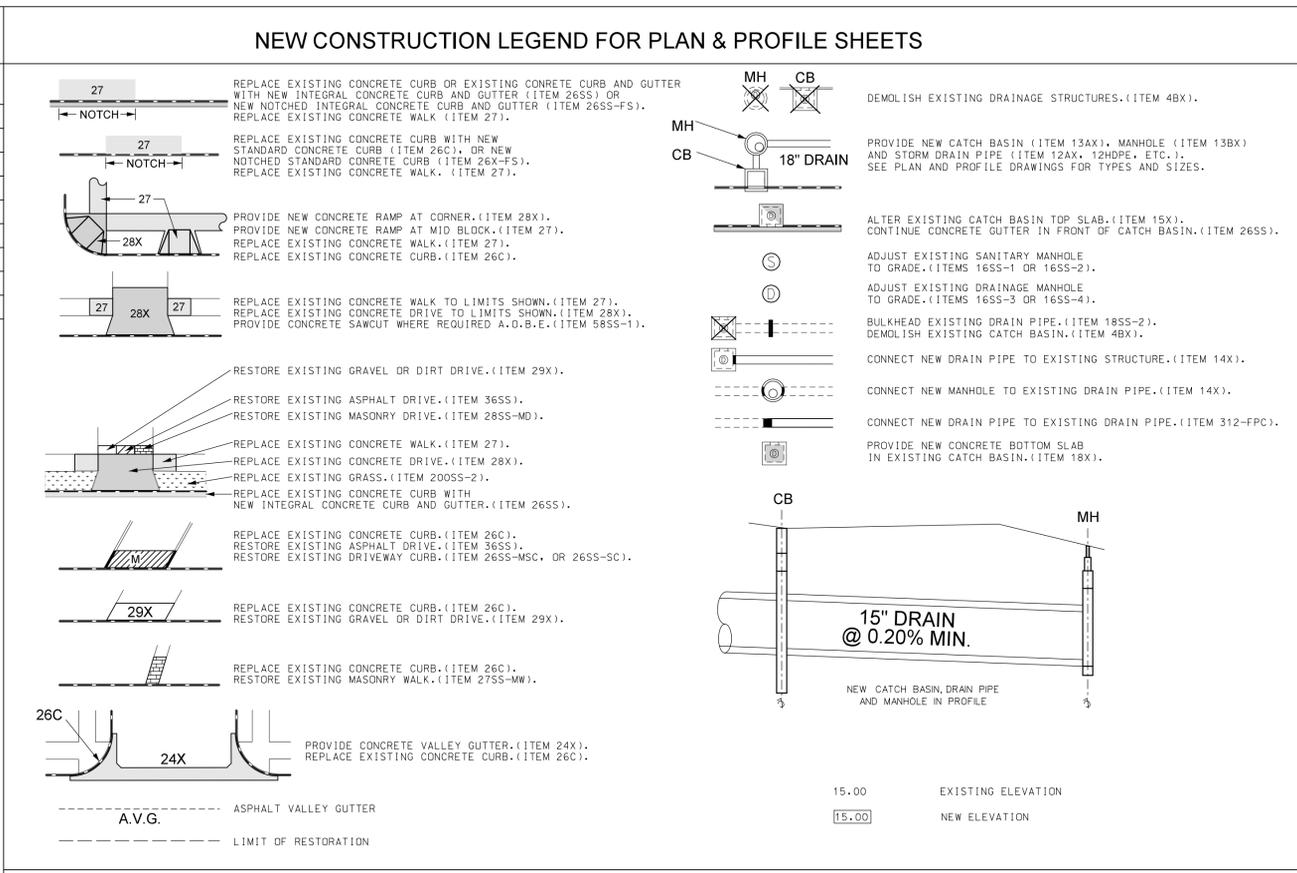
DATE

BASE MAP LEGEND	
MANHOLES	
STORM DRAIN	⊕
ELECTRIC	⊖
GAS	⊙
SANITARY SEWER	⊗
SANITARY SEWER CLEANOUT	⊗ _{SC}
TRAFFIC	⊕
TELEPHONE	⊕
UNKNOWN	⊕
WATER	⊕
CATCH BASIN INLETS	
COMB. CURB INLET & GRATE	⊕
CURB INLET	⊕
DOUBLE CURB INLET	⊕
FLUSH GRATE	⊕
ROUND GRATE	⊕
UTILITIES	
STORM DRAINAGE PIPE	--- 18" DRAIN ---
ELECTRIC	--- E ---
GAS MAIN	--- 4" G ---
SANITARY SEWER PIPE	--- 12" S ---
TELEPHONE	--- T ---
TRAFFIC	--- 18" ---
WATER	--- 8" W ---
UTILITY PAINT	
ELECTRIC	EL
ELECTRIC OFFSET	EL 2'
GAS	G
GAS OFFSET	G 2'
GAS SERVICE	G S
SEWER HOUSE CONNECTION	SHC
TELEPHONE	T
TELEPHONE OFFSET	T 2'
WATER	W
WATER SERVICE	W S
WATER OFFSET	W 2'
UTILITY HARDWARE	
ELECTRIC VAULT	E
GAS MAIN VALVE	⊙
GAS SERVICE VALVE	⊙
GAS VENT	⊙
HYDRANT	⊕
HYDRANT VALVE	⊕
OIL FILLER VALVE	⊕ _{OV}
SANITARY SEWER VENT	⊕ _S
TRAFFIC DETECTOR	⊕
TRAFFIC LOOP	⊕
UNIDENTIFIED VAULT	⊕
UNKNOWN VALVE	⊕
WATER MAIN VALVE	⊕
WATER METER	⊕ _M
WATER SERVICE VALVE	⊕
UTILITY POLES	
METAL POLE WITH LIGHT	⊕
METAL POLE WITH TRAFFIC	⊕
PEDESTRIAN STANCHION	⊕
WOODEN UTILITY POLE	⊕
WOODEN UTILITY POLE WITH LIGHT	⊕
VEGETATION	
BUSH	⊕
4' HIGH HEDGE	4' HEDGE
15" DIA. DECIDUOUS TREE	⊕ _{15"}
EVERGREEN	⊕
GUARD RAIL	— x —
METAL FENCE	— x —
RETAINING WALL	— / —
WOODEN FENC	— / —
VINYL FENCE	— Δ —

BASE MAP LEGEND	
MISCELLANEOUS	
BASILINE & STATION	0+00 1+00
BASKETBALL BACKBOARD POST	⊕ _{BB}
CELLAR DOOR	⊕
COLUMN	⊕
CURB	— — —
CURB & GUTTER	— — —
EDGE OF PAVEMENT	— — —
FIRST FLOOR ENTRANCE	▼
FLAGPOLE	⊕ _{FP}
GARAGE ENTRANCE	▼
GUARDOPOST	⊕ _{GP}
GUYWIRE & ANCHOR	— x —
HANDICAP RAMP	— / —
LOT LINE	— — —
MAILBOX	⊕ _M
MONUMENT	⊕
PARKING METER	⊕
POLICE BOX	⊕
PROPERTY LINE	— — —
ROOF DRAIN	⊕ _{RD}
ROADWAY CENTERLINE	— — —
SIGN - SINGLE POST	⊕
SIGN - DOUBLE POST	⊕
TELEPHONE BOOTH	⊕
TEST HOLE	⊕

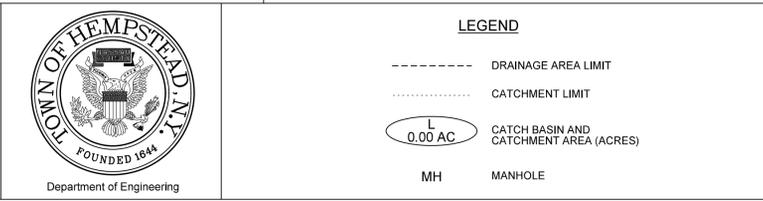
ABBREVIATIONS	
ABAND.	ABANDONED
ALUM	ALUMINUM
A.O.B.E.	AS ORDERED BY ENGINEER
APT.	APARTMENT
ASPH.	ASPHALT
BOP	BEGINNING OF PROFILE
B. BLK	BELGIAN BLOCK
B.C.	BOTTOM OF CURB
B.T.	BLACKTOP
BIT	BITUMINOUS
BLK	BLOCK
B.M.	BENCH MARK
BRK	BRICK
B.W.	BACK OF SIDEWALK
CB	CATCH BASIN
CL	CENTERLINE OF ROADWAY
CONC.	CONCRETE
CH. L.K. FE.	CHAIN LINK FENCE
D.I.C.B.	DOUBLE INLET CATCH BASIN
DILAP.	DILAPIDATED
(E)	EAST
EL	ELEVATION
EOP	EDGE OF PAVEMENT
EXIST.	EXISTING
FF1.25	FIRST FLOOR ELEVATION
FR	FRAME
F.W.	FRONT OF SIDEWALK
G	GUTTER
GF18.30	GARAGE FLOOR ELEVATION
H.C.R.	HANDICAP RAMP
HP 5.90C	HIGH POINT ELEVATION AT CURB
H.D.P.E.	HIGH DENSITY POLYETHYLENE PIPE
INV. = 7.00	INVERT ELEVATION
L.	LEFT
L/C	LEFT CURB
MH	MANHOLE
MID C.L.	MIDCENTERLINE OF ROADWAY
(N)	NORTH
N.I.C.	NOT IN CONTRACT
PC	POINT OF CURVATURE
RAIL FE.	POST AND RAIL FENCE
*107	RESIDENCE NO. 107
RCP	REINFORCED CONCRETE PIPE
R.	RIGHT
R/C	RIGHT CURB
R=32.65	RIM ELEVATION OF MANHOLE
S.I.C.B.	SINGLE INLET CATCH BASIN
SSHC	SANITARY SEWER HOUSE CONNECTION
SLT.	SLATE
(S)	SOUTH
STA	STATION
STOCK FE.	STOCKADE FENCE
STY	STORY
T.B.M.	TEMPORARY BENCH MARK
T.C.	TOP OF CURB
TH #3	TEST HOLE
THEO.	THEORETICAL
TTC	THEORETICAL TOP OF CURB
TYP.	TYPICAL
U.G.	UNDERGROUND
VAC.	VACANT
VP1	VERTICAL POINT OF INTERSECTION
(W)	WEST
WD	WOOD

DRAWING INDEX	
SHEET NUMBER	SHEET TITLE
1	TITLE SHEET
2	LEGENDS, ABBREVIATIONS, NOTES, AND DRAWING INDEX DIAGRAM
3	ANGLERS PLACE PLAN & PROFILE
4	WIDGEON PLACE PLAN AND PROFILE
5	PLOVER PLACE PLAN AND PROFILE
6	ROADWAY DETAILS
7	KNEE WALL DETAILS
8	DRAINAGE DETAILS
9	UTILITY DETAILS

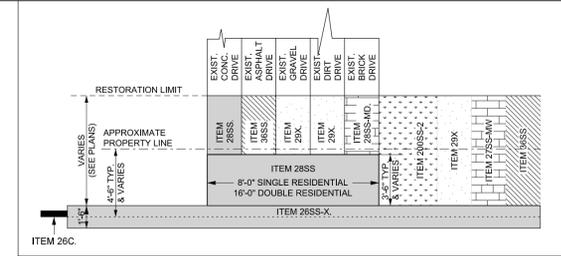
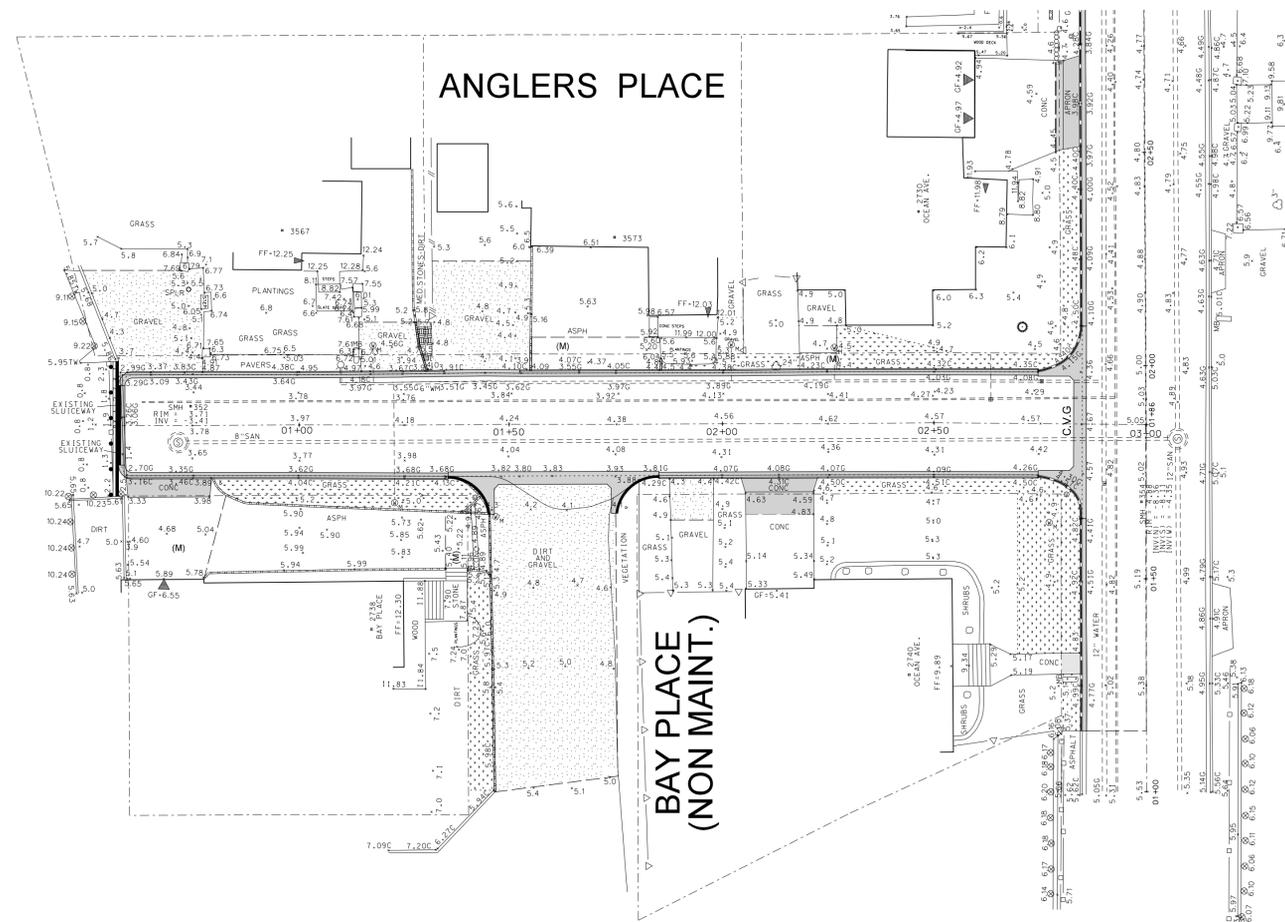


NO.	DATE	REVISIONS

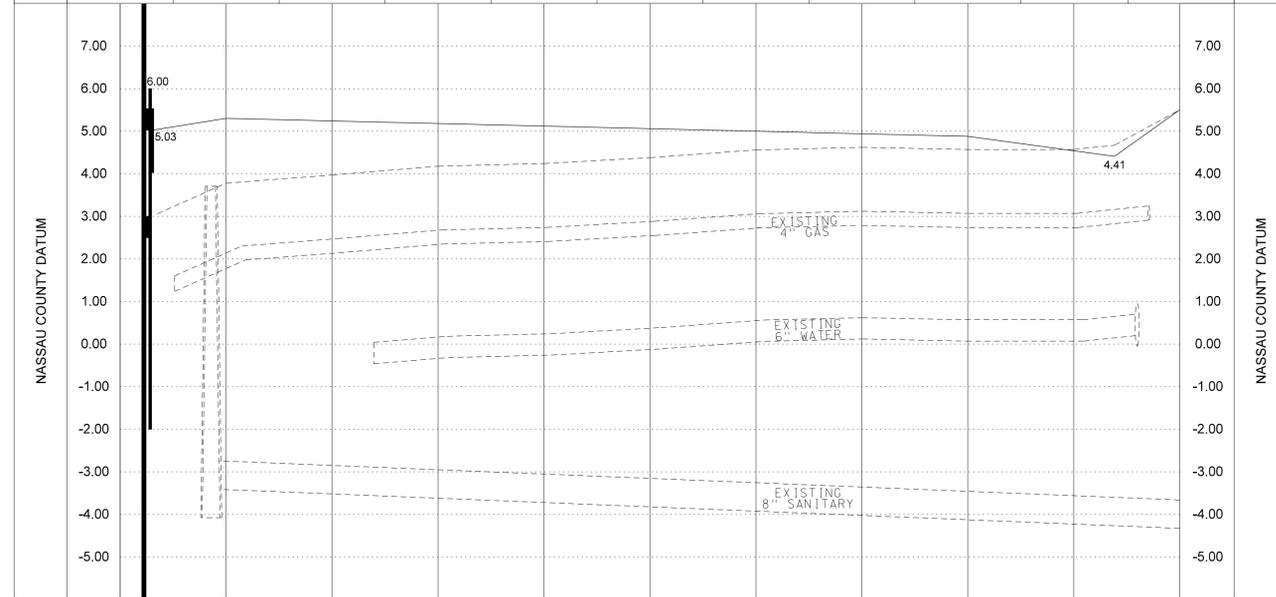
In Charge:	D.L.T.
Compilation:	J.M.T.
Design:	J.M.T.
Drawn:	J.M.T./D.R.R.
Checked:	J.M.T.
Reviewed:	D.L.T.



LEGENDS, ABBREVIATIONS, NOTES AND COMPREHENSIVE DRAINAGE PLAN	
Scale:	1" = 50'
Date:	NOV. 2017
File No.:	
Dwg No.:	
Sheet No.:	2 of 9



TG	-	5.05	4.99	4.93	4.87	4.81	4.75	4.69	4.63	4.57	-	TG
G	-	4.97	4.91	4.85	4.79	4.73	4.67	4.61	4.55	4.49	-	G
MID CL	-	5.22	5.16	5.10	5.04	4.98	4.92	4.86	4.80	4.74	-	MID CL
CL	-	5.30	5.24	5.18	5.12	5.06	5.00	4.94	4.88	4.82	MEET	CL
MID CL	-	5.22	5.16	5.10	5.04	4.98	4.92	4.86	4.80	4.74	-	MID CL
G	-	4.97	4.91	4.85	4.79	4.73	4.67	4.61	4.55	4.49	-	G
TG	-	5.05	4.99	4.93	4.87	4.81	4.75	4.69	4.63	4.57	-	TG
STA	00+50	00+75	01+00	01+25	01+50	01+75	02+00	02+25	02+50	02+75	03+00	STA



In Charge: D.L.T.
 Compilation: J.M.T.
 Design: J.M.T.
 Drawn: J.M.T./D.R.R.
 Checked: J.M.T.
 Reviewed: D.L.T.

- PLAN AND PROFILE NOTES:
- EXISTING CONDITIONS SHOWN AS OF SEPTEMBER 2017.
 - UNDERGROUND UTILITIES SHOWN ARE BASED UPON LIMITED SCHEMATIC INFORMATION PROVIDED BY OTHERS. NOT ALL EXISTING UNDERGROUND UTILITY BRANCHES AND SERVICES ARE SHOWN. PRIVATE UTILITIES, IF EXISTING, ARE NOT SHOWN OR INDICATED.
 - NEW CENTER LINE AND EXISTING CENTER LINE OF ROADWAY SHOWN IN PROFILE.
 - NEW CROSS SECTION OF ROADWAY SHALL BE PARABOLIC IN SHAPE EXCEPT WHEN WARPING TO MEET VALLEY GUTTERS AND WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT. NEW CROWN SHALL BE LOCATED AT CENTERLINE OF ROADWAY.
 - HORIZONTAL AND VERTICAL CONTROL INDICATED IS IN NASSAU COUNTY DATUM. HORIZONTAL CONTROL INDICATED IS NAD83 (1996) US SURVEY FEET. VERTICAL CONTROL INDICATED IS NGVD (1929) FEET.



Department of Engineering

PROFILE

GRADE

LEGEND

Proposed Center Line

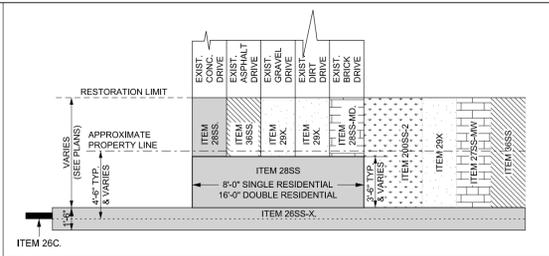
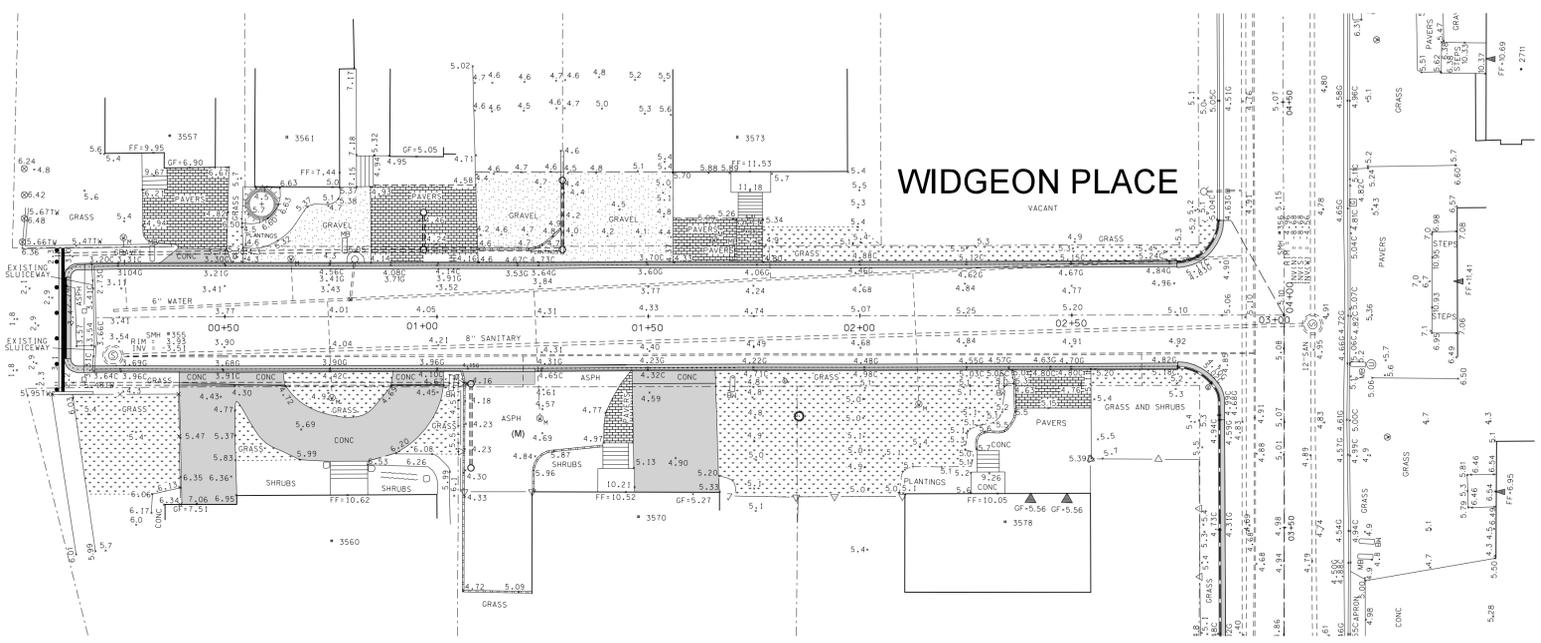
Existing Center Line

ANGLERS PLACE PLAN AND PROFILE

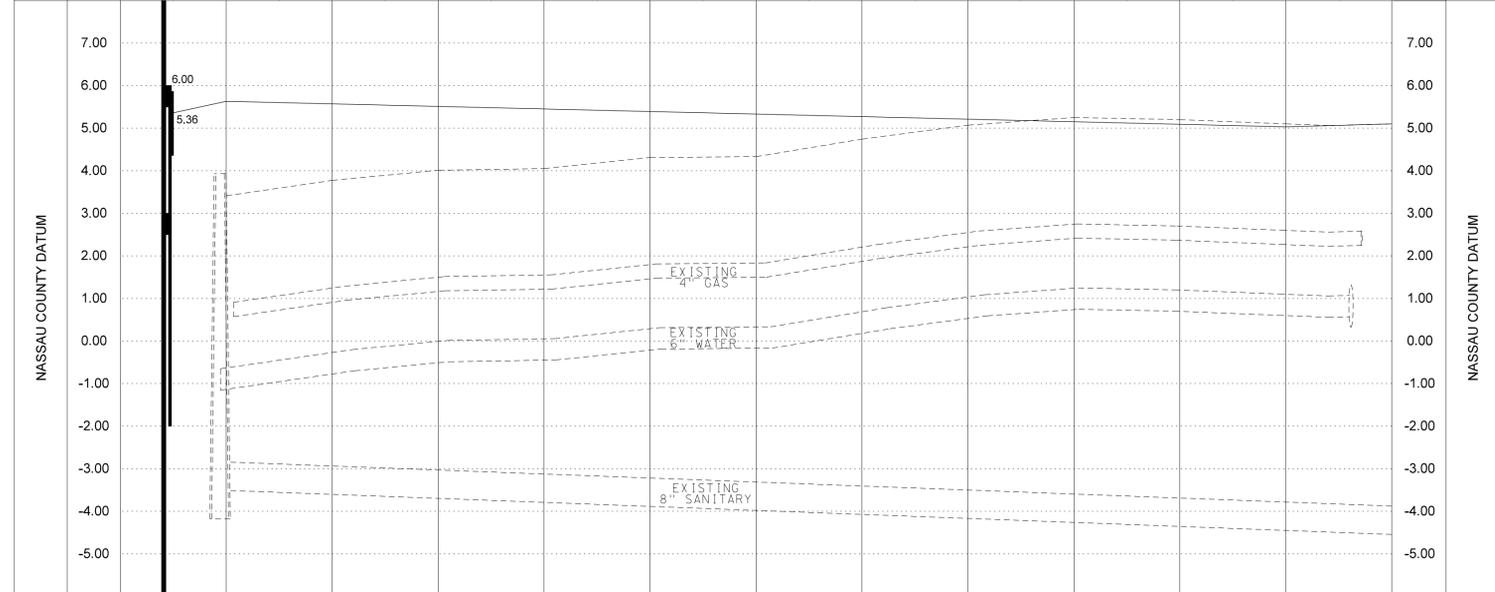
ROADWAY GRADE RAISE
 AND SHORELINE STABILIZATION
 ANGLERS PLACE - WIDGEON PLACE AREA
 SEAFORD, N.Y.

Scale: H: 1" = 20'
 V: 1" = 2'
 Date: NOV. 2017
 File No.:
 Dwg No.:
 Sheet No.: 3 of 9

NO.	DATE	REVISIONS



TC	5.38	5.32	5.26	5.20	5.14	5.08	5.02	4.96	4.90	4.84	4.78	-	TC
G	5.30	5.24	5.18	5.12	5.06	5.00	4.94	4.88	4.82	4.76	4.70	-	G
MID CL	5.55	5.49	5.43	5.37	5.31	5.25	5.19	5.13	5.07	5.01	4.95	-	MID CL
CL	5.63	5.57	5.51	5.45	5.39	5.33	5.27	5.21	5.15	5.09	5.03	MEET	CL
MID CL	5.55	5.49	5.43	5.37	5.31	5.25	5.19	5.13	5.07	5.01	4.95	-	MID CL
G	5.30	5.24	5.18	5.12	5.06	5.00	4.94	4.88	4.82	4.76	4.70	-	G
TC	5.38	5.32	5.26	5.20	5.14	5.08	5.02	4.96	4.90	4.84	4.78	-	TC
STA	00+25	00+50	00+75	01+00	01+25	01+50	01+75	02+00	02+25	02+50	02+75	03+00	STA



NO.	DATE	REVISIONS

In Charge:	D.L.T.
Compilation:	J.M.T.
Design:	J.M.T.
Drawn:	J.M.T./D.R.R.
Checked:	J.M.T.
Reviewed:	D.L.T.

PLAN AND PROFILE NOTES:
 1. EXISTING CONDITIONS SHOWN AS OF SEPTEMBER 2017.
 2. UNDERGROUND UTILITIES SHOWN ARE BASED UPON LIMITED SCHEMATIC INFORMATION PROVIDED BY OTHERS. NOT ALL EXISTING UNDERGROUND UTILITY BRANCHES AND SERVICES ARE SHOWN. PRIVATE UTILITIES, IF EXISTING, ARE NOT SHOWN OR INDICATED.
 3. NEW CENTER LINE AND EXISTING CENTER LINE OF ROADWAY SHOWN IN PROFILE.
 4. NEW CROSS SECTION OF ROADWAY SHALL BE PARABOLIC IN SHAPE EXCEPT WHEN WARPING TO MEET VALLEY GUTTERS AND WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT. NEW CROWN SHALL BE LOCATED AT CENTERLINE OF ROADWAY.
 5. HORIZONTAL AND VERTICAL CONTROL INDICATED IS IN NASSAU COUNTY DATUM. HORIZONTAL CONTROL INDICATED IS NAD83 (1996) US SURVEY FEET. VERTICAL CONTROL INDICATED IS NGVD (1929) FEET.



PROFILE	Proposed Center Line	_____
GRADE	Existing Center Line	-----
LEGEND		

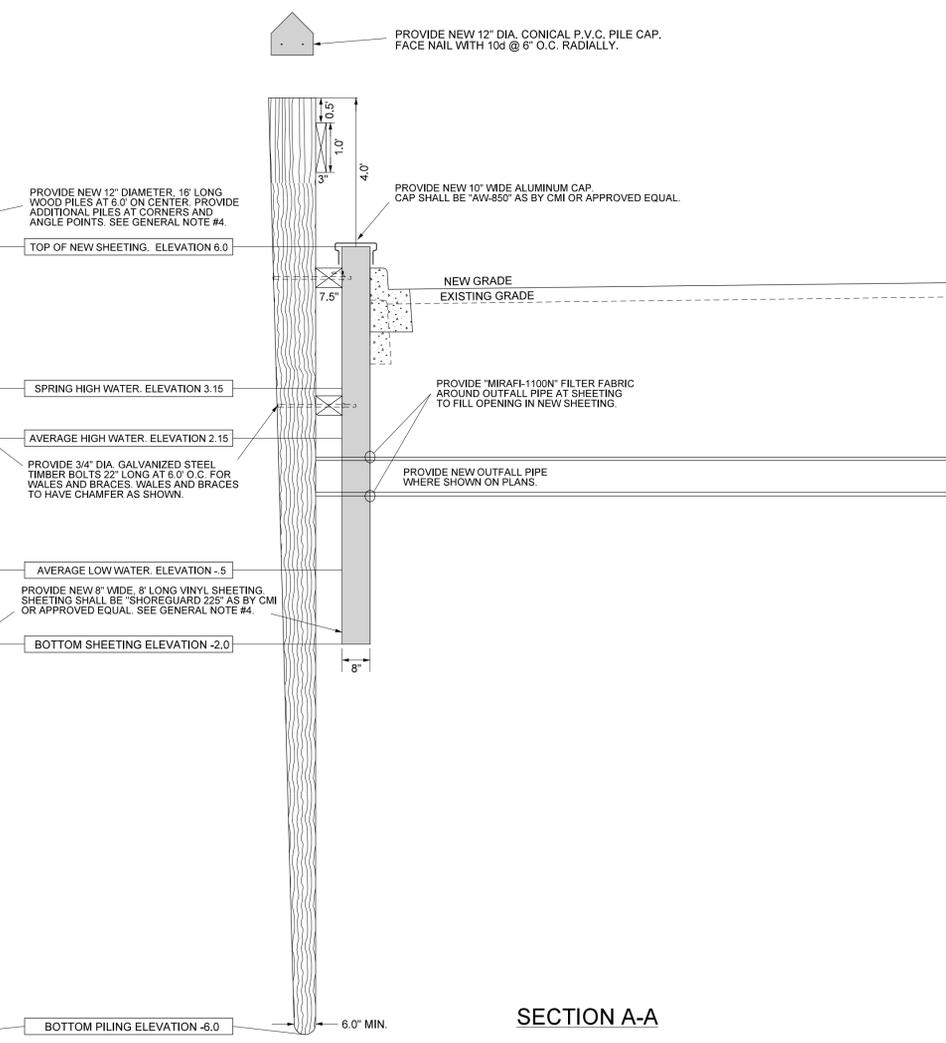
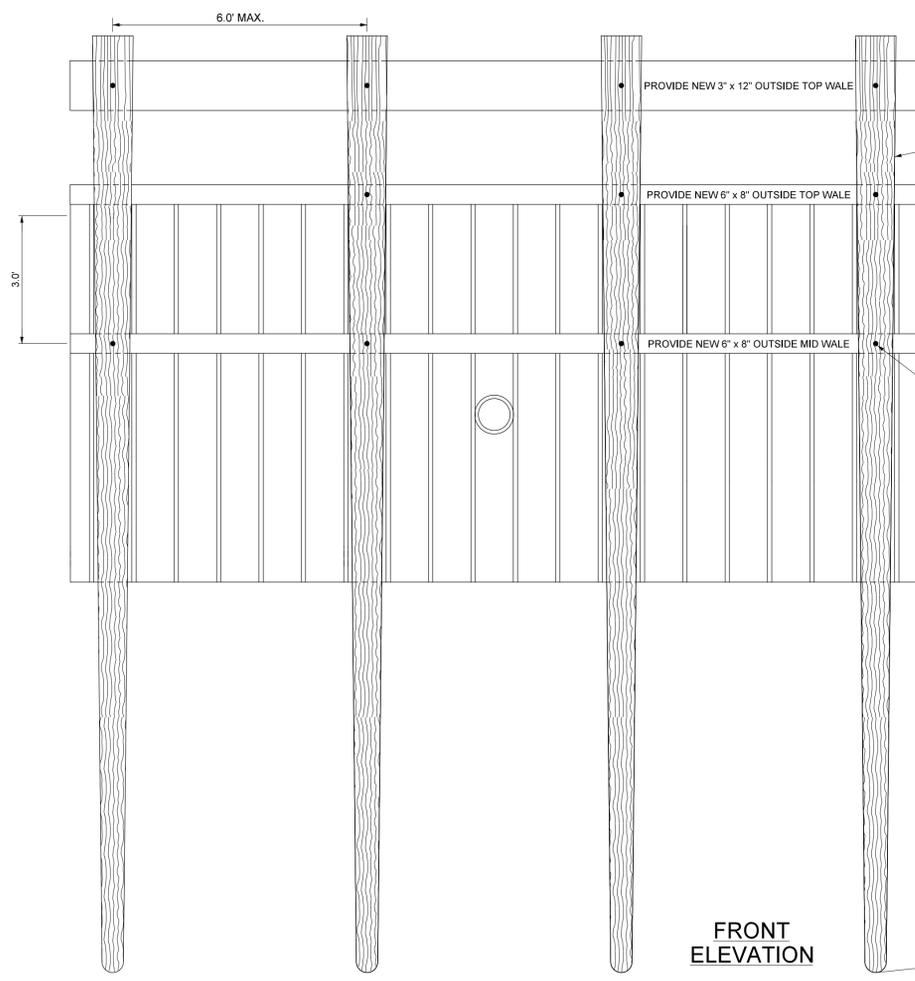
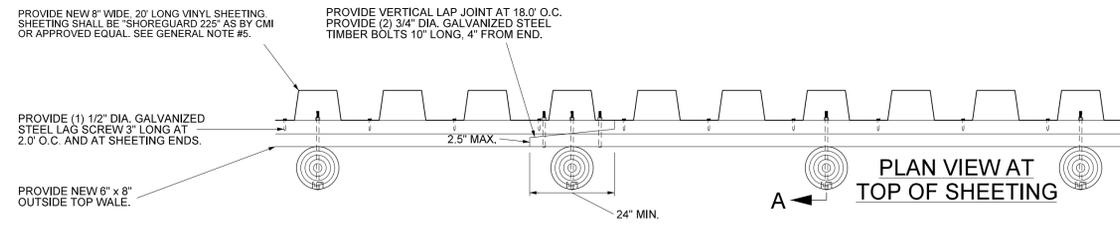
WIDGEON PLACE PLAN AND PROFILE

ROADWAY GRADE RAISE
 AND SHORELINE STABILIZATION
 ANGLERS PLACE - WIDGEON PLACE AREA
 SEAFORD, N.Y.

Scale:	H: 1" = 20' V: 1" = 2'
Date:	NOV. 2017
File No.:	
Dwg No.:	
Sheet No.:	4 of 9

ITEM 204X GENERAL NOTES:

1. ALL LUMBER AND TIMBER SIZES INDICATED ARE NOMINAL. ALL DIMENSIONS INDICATED ARE FINISHED.
2. ALL LUMBER AND TIMBER SHALL BE CCA AND PRESSURE TREATED TO OBTAIN A MINIMUM RETENTION OF 2.5 LBS/CF.
3. KNEE WALL CONNECTIONS AT LIMITS OF NEW KNEE WALL SHALL BE DETERMINED IN FIELD A.O.B.E.
4. SEE PLANS FOR NEW TOP OF SHEETING ELEVATIONS, NEW SHEETING LENGTHS AND NEW PILE LENGTHS.
5. ALL TIMBER AND CARRIAGE BOLTS SHALL BE PROVIDED WITH ONE N.Y.D.D. WASHER AND NUT AT END.
6. ALL LAG SCREWS SHALL BE PROVIDED WITH ONE N.Y.D.D. WASHER AT HEAD END.
7. ALL BOLTS SHALL BE CUT FLUSH AT NUT END WHERE SHOWN AND WHERE NECESSARY TO INSTALL NEW KNEE WALL COMPONENTS.
8. ALL HARDWARE AND FASTENERS SHALL BE GALVANIZED STEEL UNLESS OTHERWISE SHOWN AND MEET N.C.D.P.W SPECIFICATIONS.
9. ALL OPENINGS IN NEW SHEETING FOR OUTFALL PIPES SHALL BE LIMITED IN SIZE AS FOLLOWS: THRU WALL DIMENSION PLUS ONE INCH.



KNEE WALL DETAILS

ROADWAY GRADE RAISE
AND SHORELINE STABILIZATION
ANGLERS PLACE - WIDGEON PLACE AREA
SEAFORD, N.Y.

Scale: **NONE**

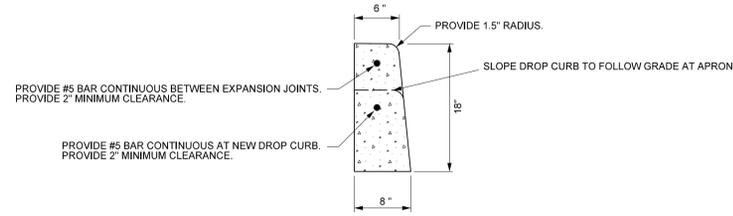
Date: **NOV. 2017**

File No.: _____

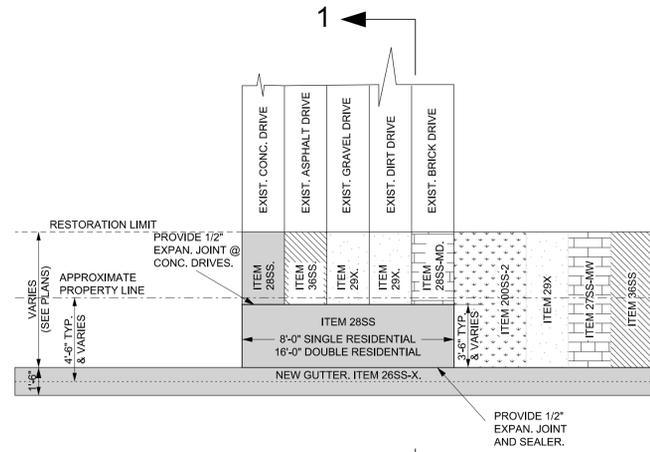
Dwg No.: _____

Sheet No.: **7** of **9**

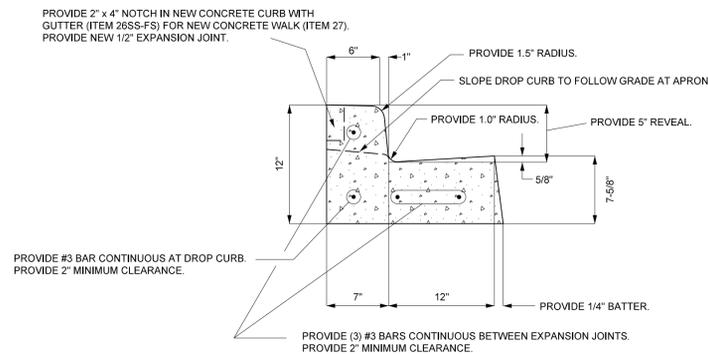
In Charge:	D.L.T.	
Compilation:	J.M.T.	
Design:	J.M.T.	
Drawn:	J.M.T./D.R.R.	
Checked:	J.M.T.	
Reviewed:	D.L.T.	
NO.	DATE	REVISIONS



CONCRETE CURB DETAIL
ITEM 26C
NOT TO SCALE

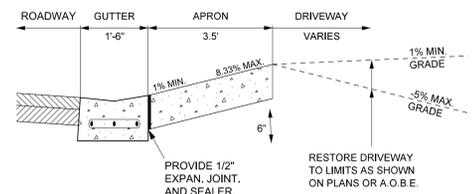


PLAN



NOTES:
1. WWF 6x6/W4.7xW4.7 REINFORCEMENT MAY BE SUBSTITUTED FOR REINFORCEMENT SHOWN (3-#3 BARS). PROVIDE EXPANSION JOINT SPACING OF 20 FEET ON CENTER.

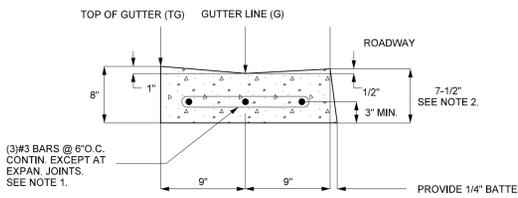
CONCRETE CURB AND GUTTER DETAIL
ITEM 26 SS & 26SS-FS
NOT TO SCALE



SECTION 1-1

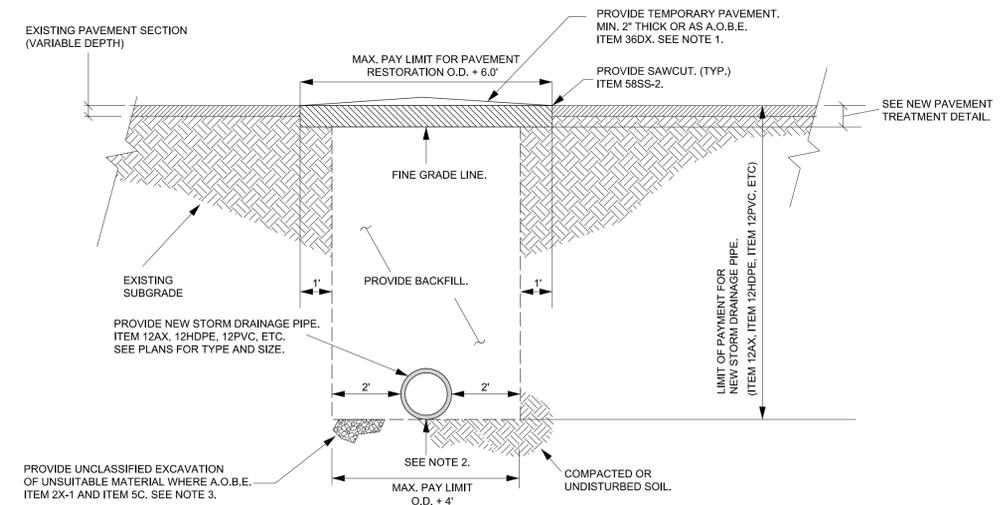
NOTES:
1. NEW APRONS AND DRIVES SHALL BE 6" REINFORCED CONCRETE PAVEMENT.
2. REINFORCEMENT SHALL BE WWF 6 X12 / W4.7 X W4.7.
3. NO SEPARATE PAYMENT SHALL BE MADE FOR REINFORCEMENT. COST OF REINFORCEMENT SHALL BE INCLUDED IN PRICE BID FOR ITEM 28SS.

CONCRETE APRON DETAILS
ITEM 28SS
NOT TO SCALE



NOTES:
1. WWF 6x6/W4.7xW4.7 REINFORCING MESH MAY BE SUBSTITUTED FOR THE REINFORCING SHOWN (3-#3 BARS) WITH EXPANSION JOINT SPACING OF 20 FEET ON CENTER.
2. PROVIDE 1/2" / FT SLOPE FOR NEW GUTTER EXCEPT WHERE NOTED ON PLANS. SEE PLANS FOR LOCATIONS.

MODIFIED CONCRETE GUTTER DETAIL
ITEM 26SS-X
NOT TO SCALE



NOTES:
1. THE COST OF EXCAVATING AND REMOVAL OF EXCESS FILL AND OR TEMPORARY PAVEMENT ABOVE THE FINE GRADE LINE WITHIN PAVEMENT RESTORATION LIMITS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 36DX.
2. A DRY TRENCH SHALL BE MAINTAINED FOR ALL NEW PIPE INSTALLATIONS. THE COST SHALL BE INCLUDED IN THE PRICE BID FOR NEW PIPE (ITEM 12AX, 12HDPE, 12PVC, ETC.)
3. UNSUITABLE MATERIAL ENCOUNTERED WITHIN THE TRENCH SHALL BE EXCAVATED TO THE LIMITS A.O.B.E. (2.0' MAX.) AND BACKFILLED WITH SELECTED FILL ITEM 2X-1 AND ITEM 5C.

DETAIL OF TYPICAL STORM DRAINAGE PIPE TRENCH
NOT TO SCALE

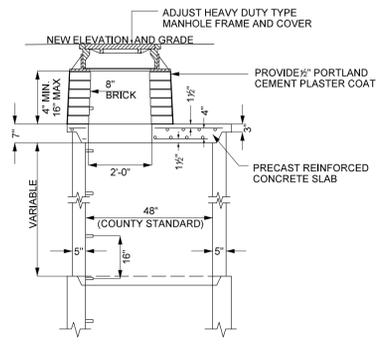
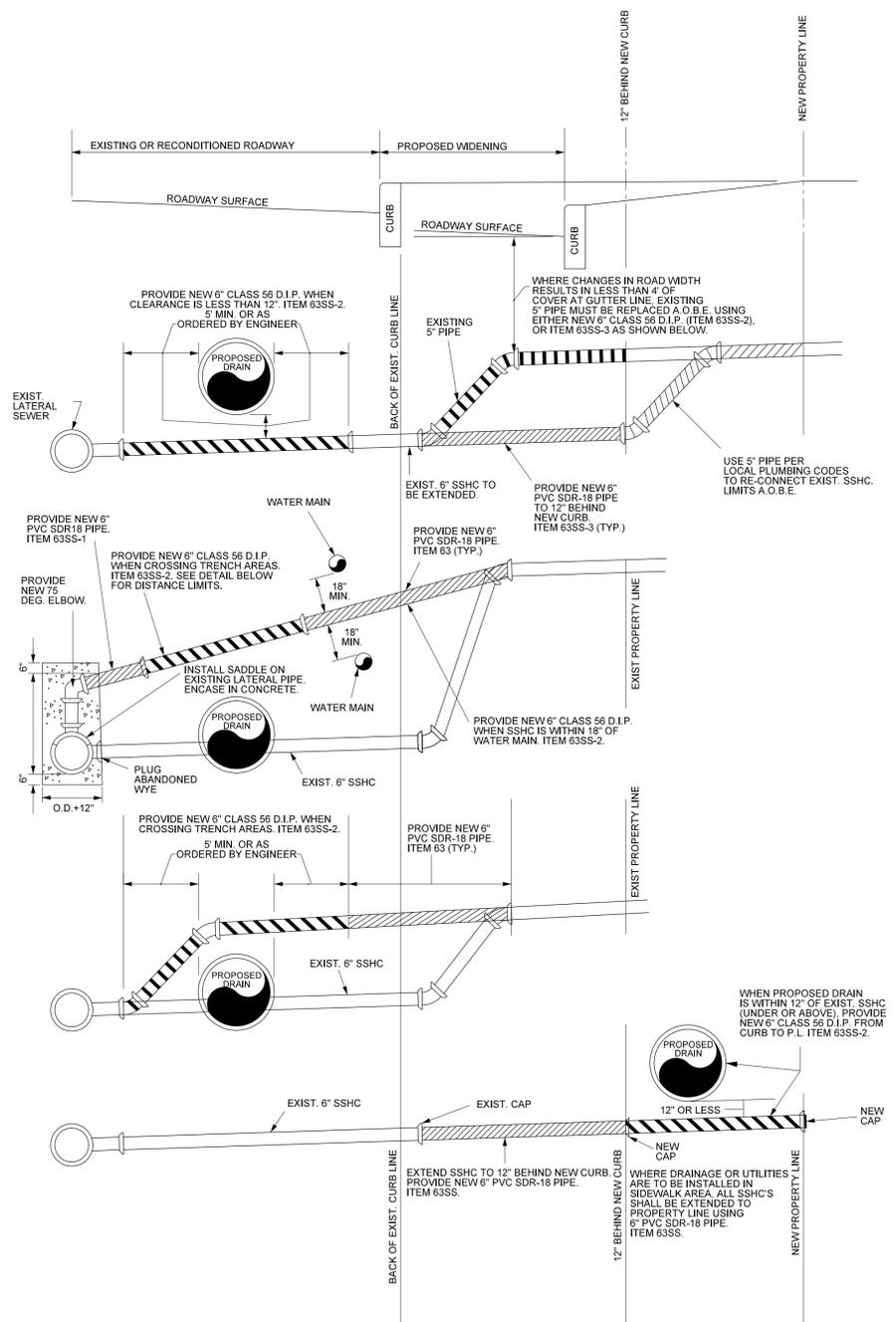
In Charge:	D.L.T.	
Compilation:	J.M.T.	
Design:	J.M.T.	
Drawn:	J.M.T./D.R.R.	
Checked:	J.M.T.	
Reviewed:	D.L.T.	
NO.	DATE	REVISIONS



Department of Engineering

DRAINAGE DETAILS		Scale:	NONE
ROADWAY GRADE RAISE AND SHORELINE STABILIZATION		Date:	NOV. 2017
ANGLERS PLACE - WIDGEON PLACE AREA		File No.:	
SEAFORD, N.Y.		Dwg No.:	
		Sheet No.:	8 of 9

UTILITY CONTACTS		
UTILITY	TEL. #	CONTACT
NATIONAL GRID	631-755-3460	STEVEN CHAU
PSEG-LI	516-645-6216	YAT MAR
TOWN OF HEMPSTEAD STREET LIGHTING	516-378-2260	JOHN BONNER
COUNTY OF NASSAU DIVISION OF SANITARY AND WATER SUPPLY	516-571-6843	PETER PYNE
CABLEVISION	516-803-7352	PAUL CORRADO
VERIZON	631-206-7471	KARL WOLF
NEW YORK AMERICAN WATER	516-378-2308	JOHN KILPATRICK



SANITARY SEWER NOTES

1. THE CONTRACTOR SHALL NOTIFY THE DIVISION OF SANITATION & WATER SUPPLY A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO WORK INVOLVING ANY SANITARY SEWER FACILITIES. NOTIFICATION IS TO BE MADE BY CALLING (616) 571-6840 OR 571-6843.
2. ALL WORK SHALL BE IN ACCORDANCE WITH N.C.D.P.W. STANDARD SPECIFICATIONS AND DETAILS FOR THE CONSTRUCTION OF SANITARY SEWERS, LATEST EDITION (2003). ALL WORK MUST BE PERFORMED IN THE PRESENCE OF A NASSAU COUNTY INSPECTOR. SEWER FLOW MUST BE MAINTAINED DURING CONSTRUCTION. COST TO BE INCLUDED IN ALL ITEMS OF CONTRACT.
3. ALL SANITARY SEWER HOUSE CONNECTIONS AND LATERALS SHALL BE LOCATED PRIOR TO ANY EXCAVATION BY THE CONTRACTOR.
4. THE HORIZONTAL/VERTICAL SEPARATION BETWEEN SEWER AND DRAINAGE PIPES AND SEWER AND WATER MAINS/SERVICE SHALL MEET OR EXCEED THE REQUIREMENTS OUTLINED IN THE RECOMMENDED STANDARDS FOR SEWER WORKS (TEN STATE STANDARDS), LATEST EDITION.
5. WHERE SANITARY OR HOUSE CONNECTION SEWERS CROSS OVER A DRAINAGE TRENCH AREA, THE SEWER SHALL BE REPLACED WITH DUCTILE IRON EXTENDING A MINIMUM OF FIVE (5) FEET EACH SIDE OF CROSSING TO UNDISTURBED SOIL. THE SAME REPLACEMENT SHALL APPLY FOR SEWERS UNDER A DRAINAGE TRENCH AREA WITHIN TWELVE (12) INCHES CLEARANCE, BOTTOM OF DRAIN TO TOP OF SEWER.
6. ALL PIPES, MANHOLES AND APPURTENANCES SHALL HAVE THE COUNTY APPROVAL STAMP THEREON OR WRITTEN CERTIFICATION ACCEPTABLE TO THE COUNTY BEFORE THE MATERIAL CAN BE INSTALLED.
7. WHERE IT IS NECESSARY TO RAISE SANITARY SEWER MANHOLE CASTINGS TO GRADE FOR REPAIRING, FIXED FRAME CASTINGS MUST BE RAISED BY ADJUSTING THE HEIGHT OF THE BRICK MASONRY (INSERTS ARE NOT PERMITTED). ADJUSTABLE FRAME TYPE MANHOLES MAY BE RAISED BY ADDING UP TO A MAXIMUM OF TWO (2), ONE (1) INCH ADJUSTMENT RINGS TO ACHIEVE FINAL GRADE.
8. THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS FOR ENTRY INTO A CONFINED SPACE WHENEVER IT IS NECESSARY FOR A CONTRACTOR'S EMPLOYEE TO ENTER A NASSAU COUNTY SANITARY SEWER MANHOLE. THE MINIMUM REQUIREMENTS THE CONTRACTOR MUST COMPLY WITH ARE:
 - A. CONTRACTOR ISSUED "ENTRY PERMIT"
 - B. CONFINED SPACE ENTRY MONITOR TO TEST FOR TOXIC, EXPLOSIVE AND OXYGEN DEFICIENT ATMOSPHERE
 - C. CONFINED SPACE RESCUE AND RETRIEVAL
 THE CONTRACTOR WILL NOT BE PERMITTED TO WORK IN A NASSAU COUNTY SANITARY SEWER MANHOLE UNLESS HE COMPLIES WITH ALL APPLICABLE OSHA REQUIREMENTS.

ADJUSTMENT DETAIL FOR
SANITARY SEWER MANHOLES
ITEM 16SS-1 OR 16SS-2

NOT TO SCALE

SANITARY SEWER HOUSE CONNECTION ALTERATIONS
ITEM 63, ITEM 63SS, ITEM 63SS-1, ITEM 63 SS-2 AND ITEM 63SS-3

NOT TO SCALE

NOTES:

1. THE CONTRACTOR SHALL PROVIDE NEW PVC SDR-18 PIPE FOR ALL EXISTING SSHC PIPE TO BE ALTERED OR EXTENDED UNDER ITEM 63, ITEM 63SS-1 AND ITEM 63SS-3. NO ADDITIONAL OR SEPARATE PAYMENT SHALL BE MADE.
2. THE CONTRACTOR SHALL PROVIDE NEW 6" CLASS 56 DUCTILE IRON PIPE FOR ALL EXISTING SSHC PIPE TO BE ALTERED OR EXTENDED UNDER ITEM 63SS-2. NO ADDITIONAL OR SEPARATE PAYMENT SHALL BE MADE.
3. MECHANICAL COMPACTION IS REQUIRED IN ALL TRENCHES OR AS ORDERED BY THE ENGINEER.

In Charge:	D.L.T.	
Compilation:	J.M.T.	
Design:	J.M.T.	
Drawn:	J.M.T./D.R.R.	
Checked:	J.M.T.	
Reviewed:	D.L.T.	
NO.	DATE	REVISIONS

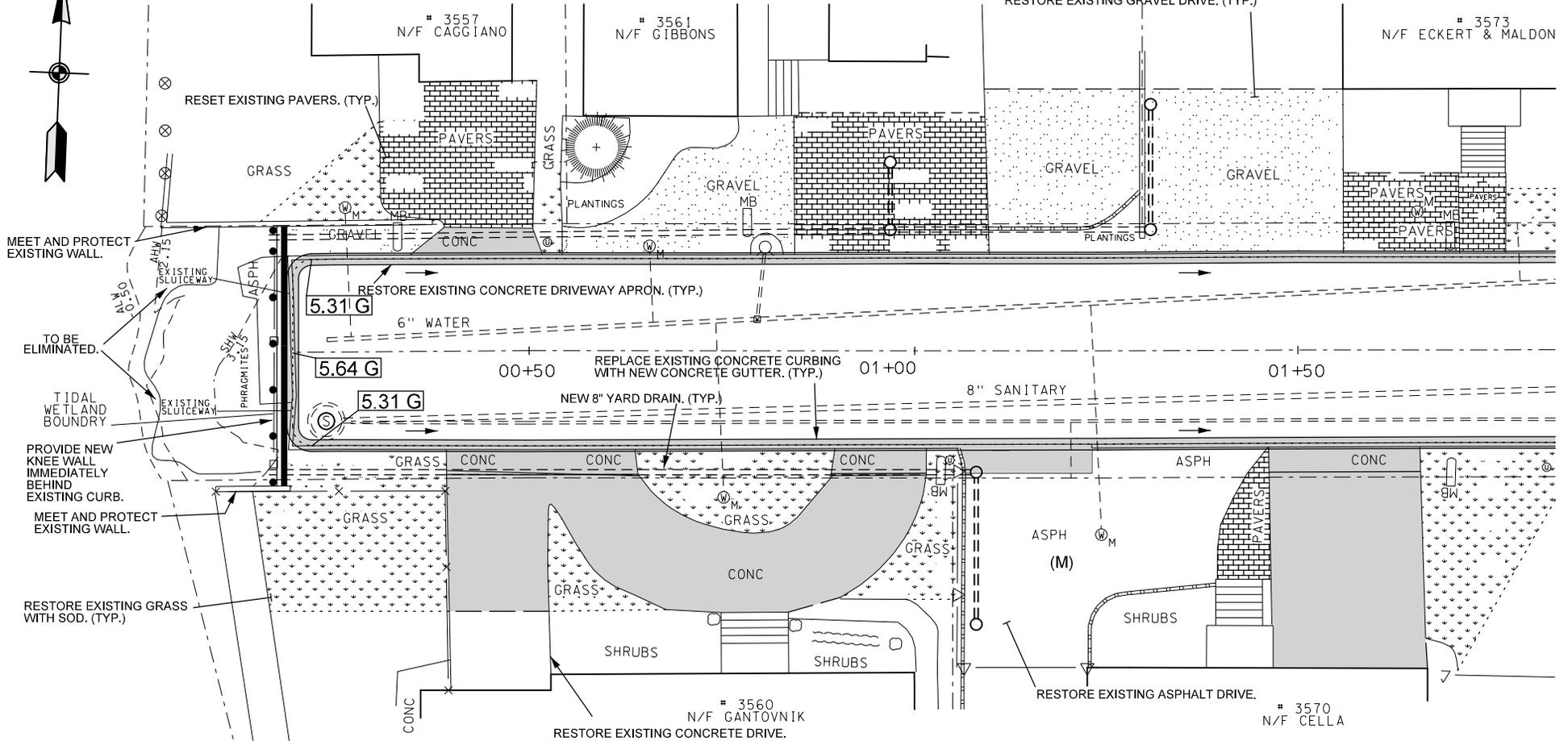


UTILITY DETAILS		Scale: NONE
ROADWAY GRADE RAISE AND SHORELINE STABILIZATION ANGLERS PLACE - WIDGEON PLACE AREA SEAFORD, N.Y.		Date: NOV. 2017
		File No.:
		Dwg No.:
		Sheet No.: 9 of 9

WIDGEON PLACE

RESTORE EXISTING GRAVEL DRIVE. (TYP.)

N/F ECKERT & MALDON # 3573



NOTE:
 SPRING HIGH WATER, AVERAGE HIGH WATER,
 AVERAGE LOW WATER, AND TIDAL WETLAND
 BOUNDARY LINE BY: JEFF TIERNEY 3/8/2018

N.G.V.D. (1928 DATUM)	TG	5.38	5.32	5.26	5.20	5.14	5.08	5.02
	G	5.30	5.24	5.18	5.12	5.06	5.00	4.94
	MID CL	5.55	5.49	5.43	5.37	5.31	5.25	5.19
	CL	5.63	5.57	5.51	5.45	5.39	5.33	5.27
	MID CL	5.55	5.49	5.43	5.37	5.31	5.25	5.19
	G	5.30	5.24	5.18	5.12	5.06	5.00	4.94
	TG	5.38	5.32	5.26	5.20	5.14	5.08	5.02
	STA	00+25	00+50	00+75	01+00	01+25	01+50	01+75

HP STA 00+12.56
 5.64
 -0.24%

NO.	DATE	REVISIONS

In Charge: D.L.T.
 Completion: J.M.T.
 Design: J.M.T.
 Drawn: J.M.T.
 Checked: J.M.T.
 Reviewed: D.L.T.



Department of Engineering

WIDGEON PLACE PLAN

ROADWAY GRADE RAISE
 AND SHORELINE STABILIZATION
 ANGLERS PLACE - WIDGEON PLACE AREA
 SEAFORD, N.Y.

Scale: 1" = 20'

Date: NOV. 2017

File No.:

Dwg No.:

Sheet No.: 2 of 5

Attachment 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Permits, Region 1
SUNY @ Stony Brook, 50 Circle Road, Stony Brook, NY 11790
P: (631) 444-0365 | F: (631) 444-0360
www.dec.ny.gov

July 3, 2018

Town of Hempstead
Town Hall Plaza
One Washington St
Hempstead, NY 11550

RE: Permit No.: 1-2820-07109/00001

Dear Permittee:

In conformance with the requirements of the State Uniform Procedures Act (Article 70, ECL) and its implementing regulations (6NYCRR, Part 621) we are enclosing your permit for the referenced activity. Please carefully read all permit conditions and special permit conditions contained in the permit to ensure compliance during the term of the permit. If you are unable to comply with any conditions, please contact us at the above address.

Also enclosed is a permit sign which is to be conspicuously posted at the project site and protected from the weather and a Notice of Commencement/Completion of Construction. Please note, the permit sign and Notice of Commencement/Completion of Construction form are sent to either the permittee or the facility application contact, not both.

Sincerely,



Danielle Stango-Torre
Environmental Analyst

DAS/lis



PERMIT
Under the Environmental Conservation Law (ECL)

Permittee and Facility Information

Permit Issued To:
TOWN OF HEMPSTEAD

TOWN HALL PLAZA
1 WASHINGTON ST
HEMPSTEAD, NY 11550
(516) 489-5000

Facility:
TOWN OF HEMPSTEAD - ANGLERS PL END
OF RD
ANGLERS PL
SEAFORD, NY 11783

Facility Application Contact:
DAVID F VINES
350 FRONT ST
HEMPSTEAD, NY 11550

Facility Location: in HEMPSTEAD in NASSAU COUNTY
Facility Principal Reference Point: NYTM-E: 626.945 NYTM-N: 4501.265
Latitude: 40°39'09.0" Longitude: 73°29'54.5"

Authorized Activity:
Construct 35 linear feet of new bulkheading at the tidal wetland boundary and backfill. Eliminate 2 existing sluiceways and replace outfall drainage pipes. Remove and replace at higher grade the asphalt pavement landward of bulkhead. All authorized activities shall be done in strict conformance with the attached plans prepared by Town of Hempstead Department of Engineering on 11/1/2017 and stamped "NYSDEC Approved" on 7/3/2018.

Permit Authorizations

- Tidal Wetlands - Under Article 25**
Permit ID 1-2820-07109/00001
New Permit Effective Date: 7/3/2018 Expiration Date: 7/2/2023
- Excavation & Fill in Navigable Waters - Under Article 15, Title 5**
Permit ID 1-2820-07109/00002
New Permit Effective Date: 7/3/2018 Expiration Date: 7/2/2023
- Water Quality Certification - Under Section 401 - Clean Water Act**
Permit ID 1-2820-07109/00003
New Permit Effective Date: 7/3/2018 Expiration Date: 7/2/2023



- 3. Notice of Commencement** At least 48 hours prior to commencement of the project, the permittee and contractor shall sign and return the top portion of the enclosed notification form certifying that they are fully aware of and understand all terms and conditions of this permit. Within 30 days of completion of project, the bottom portion of the form must also be signed and returned, along with photographs of the completed work.
- 4. No Construction Debris in Wetland or Adjacent Area** Any debris or excess material from construction of this project shall be completely removed from the adjacent area (upland) and removed to an approved upland area for disposal. No debris is permitted in wetlands and/or protected buffer areas.
- 5. No Seaward Extension of Bulkhead** The new bulkhead shall be constructed in place of the existing guard rail and curb with no seaward extension of the outermost bulkhead face as per the site plans prepared by Town of Hempstead Department of Engineering on 11/1/2017.
- 6. Storage of Equipment, Materials** The storage of construction equipment and materials shall be confined to the upland area landward of the bulkhead or on a barge.
- 7. Excavation for Bulkhead/Structure** Prior to any construction or removal of bulkheads and other shoreline stabilization structures all backfill shall be excavated landward of the structure and retained so as not to enter the waterway, tidal wetland or protected buffer area.
- 8. No Runoff Over or Through Bulkhead or into Wetland** There shall be no discharge of runoff or other effluent over or through any bulkhead or shoreline stabilization structure or into any tidal wetland or protected buffer area.
- 9. Use of Treated Wood** The use of wood treated with Pentachlorophenol or other wood treatment not specifically approved by the Department for use in wetlands and/or marine waters, is strictly prohibited in the construction of structures that will be in contact with tidal waters.
- 10. Direct Runoff Away from Tidal Wetland and Buffer** Roads, driveways, and parking areas shall be graded to direct runoff away from tidal wetlands and protected buffer areas.
- 11. Contain Exposed, Stockpiled Soils** All disturbed areas where soil will be temporarily exposed or stockpiled for longer than 48 hours shall be contained by a continuous line of staked haybales / silt curtains (or other NYSDEC approved devices) placed on the seaward side between the fill and the wetland or protected buffer area. Tarps are authorized to supplement these approved methods.
- 12. Maintain Erosion Controls** All erosion control devices shall be maintained in good and functional condition until the project has been completed and the area has been stabilized.
- 13. State Not Liable for Damage** The State of New York shall in no case be liable for any damage or injury to the structure or work herein authorized which may be caused by or result from future operations undertaken by the State for the conservation or improvement of navigation, or for other purposes, and no claim or right to compensation shall accrue from any such damage.



14. State May Order Removal or Alteration of Work If future operations by the State of New York require an alteration in the position of the structure or work herein authorized, or if, in the opinion of the Department of Environmental Conservation it shall cause unreasonable obstruction to the free navigation of said waters or flood flows or endanger the health, safety or welfare of the people of the State, or cause loss or destruction of the natural resources of the State, the owner may be ordered by the Department to remove or alter the structural work, obstructions, or hazards caused thereby without expense to the State, and if, upon the expiration or revocation of this permit, the structure, fill, excavation, or other modification of the watercourse hereby authorized shall not be completed, the owners, shall, without expense to the State, and to such extent and in such time and manner as the Department of Environmental Conservation may require, remove all or any portion of the uncompleted structure or fill and restore to its former condition the navigable and flood capacity of the watercourse. No claim shall be made against the State of New York on account of any such removal or alteration.

15. State May Require Site Restoration If upon the expiration or revocation of this permit, the project hereby authorized has not been completed, the applicant shall, without expense to the State, and to such extent and in such time and manner as the Department of Environmental Conservation may lawfully require, remove all or any portion of the uncompleted structure or fill and restore the site to its former condition. No claim shall be made against the State of New York on account of any such removal or alteration.

16. Precautions Against Contamination of Waters All necessary precautions shall be taken to preclude contamination of any wetland or waterway by suspended solids, sediments, fuels, solvents, lubricants, epoxy coatings, paints, concrete, leachate or any other environmentally deleterious materials associated with the project.

17. No Interference With Navigation There shall be no unreasonable interference with navigation by the work herein authorized.

WATER QUALITY CERTIFICATION SPECIFIC CONDITIONS

1. Water Quality Certification The authorized project, as conditioned pursuant to the Certificate, complies with Section 301, 302, 303, 306, and 307 of the Federal Water Pollution Control Act, as amended and as implemented by the limitations, standards, and criteria of state statutory and regulatory requirements set forth in 6 NYCRR Section 608.9(a). The authorized project, as conditioned, will also comply with applicable New York State water quality standards, including but not limited to effluent limitations, best usages and thermal discharge criteria, as applicable, as set forth in 6 NYCRR Parts 701, 702, 703, and 704.



GENERAL CONDITIONS - Apply to ALL Authorized Permits:

1. Facility Inspection by The Department The permitted site or facility, including relevant records, is subject to inspection at reasonable hours and intervals by an authorized representative of the Department of Environmental Conservation (the Department) to determine whether the permittee is complying with this permit and the ECL. Such representative may order the work suspended pursuant to ECL 71- 0301 and SAPA 401(3).

The permittee shall provide a person to accompany the Department's representative during an inspection to the permit area when requested by the Department.

A copy of this permit, including all referenced maps, drawings and special conditions, must be available for inspection by the Department at all times at the project site or facility. Failure to produce a copy of the permit upon request by a Department representative is a violation of this permit.

2. Relationship of this Permit to Other Department Orders and Determinations Unless expressly provided for by the Department, issuance of this permit does not modify, supersede or rescind any order or determination previously issued by the Department or any of the terms, conditions or requirements contained in such order or determination.

3. Applications For Permit Renewals, Modifications or Transfers The permittee must submit a separate written application to the Department for permit renewal, modification or transfer of this permit. Such application must include any forms or supplemental information the Department requires. Any renewal, modification or transfer granted by the Department must be in writing. Submission of applications for permit renewal, modification or transfer are to be submitted to:

Regional Permit Administrator
NYSDEC Region 1 Headquarters
SUNY @ Stony Brook|50 Circle Rd
Stony Brook, NY11790 -3409

4. Submission of Renewal Application The permittee must submit a renewal application at least 30 days before permit expiration for the following permit authorizations: Excavation & Fill in Navigable Waters, Tidal Wetlands, Water Quality Certification.

5. Permit Modifications, Suspensions and Revocations by the Department The Department reserves the right to exercise all available authority to modify, suspend or revoke this permit. The grounds for modification, suspension or revocation include:

- a. materially false or inaccurate statements in the permit application or supporting papers;
- b. failure by the permittee to comply with any terms or conditions of the permit;
- c. exceeding the scope of the project as described in the permit application;



- d. newly discovered material information or a material change in environmental conditions, relevant technology or applicable law or regulations since the issuance of the existing permit;
- e. noncompliance with previously issued permit conditions, orders of the commissioner, any provisions of the Environmental Conservation Law or regulations of the Department related to the permitted activity.

6. Permit Transfer Permits are transferrable unless specifically prohibited by statute, regulation or another permit condition. Applications for permit transfer should be submitted prior to actual transfer of ownership.

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

Item A: Permittee Accepts Legal Responsibility and Agrees to Indemnification

The permittee, excepting state or federal agencies, expressly agrees to indemnify and hold harmless the Department of Environmental Conservation of the State of New York, its representatives, employees, and agents ("DEC") for all claims, suits, actions, and damages, to the extent attributable to the permittee's acts or omissions in connection with the permittee's undertaking of activities in connection with, or operation and maintenance of, the facility or facilities authorized by the permit whether in compliance or not in compliance with the terms and conditions of the permit. This indemnification does not extend to any claims, suits, actions, or damages to the extent attributable to DEC's own negligent or intentional acts or omissions, or to any claims, suits, or actions naming the DEC and arising under Article 78 of the New York Civil Practice Laws and Rules or any citizen suit or civil rights provision under federal or state laws.

Item B: Permittee's Contractors to Comply with Permit

The permittee is responsible for informing its independent contractors, employees, agents and assigns of their responsibility to comply with this permit, including all special conditions while acting as the permittee's agent with respect to the permitted activities, and such persons shall be subject to the same sanctions for violations of the Environmental Conservation Law as those prescribed for the permittee.

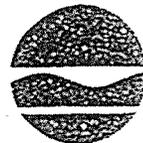
Item C: Permittee Responsible for Obtaining Other Required Permits

The permittee is responsible for obtaining any other permits, approvals, lands, easements and rights-of-way that may be required to carry out the activities that are authorized by this permit.

Item D: No Right to Trespass or Interfere with Riparian Rights

This permit does not convey to the permittee any right to trespass upon the lands or interfere with the riparian rights of others in order to perform the permitted work nor does it authorize the impairment of any rights, title, or interest in real or personal property held or vested in a person not a party to the permit.

NOTICE OF COMMENCEMENT OF CONSTRUCTION



RETURN THIS FORM TO: COMPLIANCE

Or Fax to: 631-444-0297

Bureau of Marine Habitat Protection - NYSDEC
50 Circle Road
Stony Brook, NY 11790-3409

PERMIT NUMBER: _____ EXPIRATION DATE: _____

PERMITTEE NAME & PROJECT ADDRESS: _____

CONTRACTOR NAME & ADDRESS: _____

TELEPHONE: _____

Dear Sir:

Pursuant to the special conditions of the referenced permit, you are hereby notified that the authorized activity shall commence on _____. We certify that we have read the referenced permit and approved plans and fully understand the authorized project and all permit conditions. We have inspected the project site and can complete the project as described in the permit and as depicted on the approved plans. We can do so in full compliance with all plan notes and permit conditions. The permit, permit sign, and approved plans will be available at the site for inspection in accordance with General Condition No. 1. (Both signatures required)

PERMITEE: _____ DATE _____

CONTRACTOR: _____ DATE _____

THIS NOTICE MUST BE SENT TO THE ABOVE ADDRESS AT LEAST TWO DAYS PRIOR TO COMMENCEMENT OF THE PROJECT AND /OR ANY ASSOCIATED ACTIVITIES. FAILURE TO RETURN THIS NOTICE, POST THE PERMIT SIGN, OR HAVE THE PERMIT AND APPROVED PLANS AVAILABLE AT THE WORK SITE FOR THE DURATION OF THE PROJECT MAY SUBJECT THE PERMITEE AND/OR CONTRACTOR TO APPLICABLE SANCTIONS AND PENALTIES FOR NON-COMPLIANCE WITH PERMIT CONDITIONS.

Cut along this line X X X X X X X

NOTICE OF COMPLETION OF CONSTRUCTION



RETURN THIS FORM TO: COMPLIANCE

Or Fax to: 631-444-0297

Bureau of Marine Habitat Protection - NYSDEC
50 Circle Rd.
Stony Brook, NY 11790-3409

PERMIT NUMBER: _____ EXPIRATION DATE: _____

PERMITTEE NAME & PROJECT ADDRESS: _____

CONTRACTOR NAME & ADDRESS: _____

TELEPHONE: _____

Pursuant to special conditions of the referenced permit, you are hereby notified that the authorized activity was completed on _____. We have fully complied with the terms and conditions of the permit and approved plans. (Both signatures required)

PERMITEE: _____ DATE _____

CONTRACTOR: _____ DATE _____

THIS NOTICE, WITH PHOTOGRAPHS OF THE COMPLETED WORK AND/OR A COMPLETED SURVEY, AS APPROPRIATE, MUST BE SENT TO THE ABOVE ADDRESS WITHIN 30 DAYS OF COMPLETION OF THE PROJECT.



**Department of
Environmental
Conservation**

NOTICE

The Department of Environmental Conservation (DEC) has issued permit(s) pursuant to the Environmental Conservation Law for work being conducted at this site. For further information regarding the nature and extent of work approved and any Departmental conditions on it, contact the Regional Permit Administrator listed below. Please refer to the permit number shown when contacting the DEC.

Regional Permit Advisor

ROGER EVANS

Permit Number

1-2820-D7109/0001

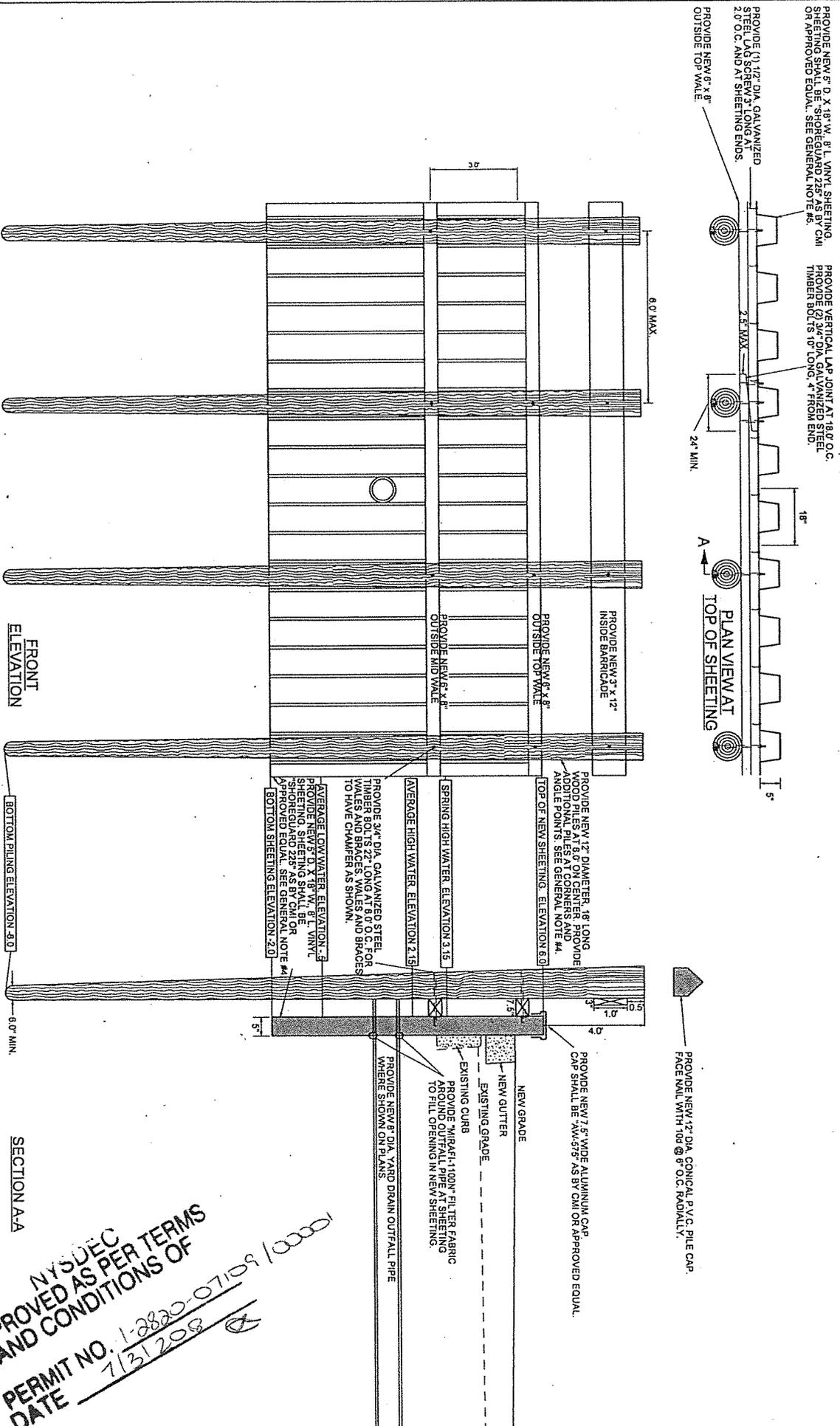
Expiration Date

7/2/2023

NOTE: This notice is **NOT** a permit

ITEM 204X GENERAL NOTES:

1. ALL LUMBER AND TIMBER SIZES INDICATED ARE NOMINAL. ALL DIMENSIONS INDICATED ARE FINISHED.
2. ALL LUMBER AND TIMBER SHALL BE CCA AND PRESSURE TREATED TO OBTAIN A MINIMUM RETENTION OF 2.5 LBS/CF.
3. KNEE WALL CONNECTIONS AT LIMITS OF NEW KNEE WALL SHALL BE DETERMINED IN FIELD A OF E.D.
4. SEE PLANS FOR NEW TOPS OF SHEETING ELEVATIONS. NEW SHEETING ENDS SHALL BE NEW SHEETING ENDS.
5. ALL TIMBER AND CARLAGE BOLTS SHALL BE ONE INCH N.Y.D. WASHER AT HEAD END.
6. ALL BOLTS SHALL BE CUT FLUSH AT BUTT END WHERE SHOWN AND WHERE NECESSARY TO INSTALL NEW KNEE WALL COMPONENTS.
7. ALL HARDWARE AND FASTENERS SHALL BE GALVANIZED STEEL UNLESS OTHERWISE SHOWN AND MEET N.C.D.P.W. SPECIFICATIONS.
8. ALL OPENINGS IN NEW SHEETING FOR OUTFALL PIPES SHALL BE LIMITED IN SIZE AS FOLLOWS: THRU WALL DIMENSION PLUS ONE INCH.



NYSDEC
APPROVED AS PER TERMS
AND CONDITIONS OF
PERMIT NO. 18820-0709
DATE 7/31/2017

NO.	DATE	REVISIONS	BY	CHKD.	DATE
1		AS SHOWN			
2					
3					
4					
5					

NO. CHANGE	DATE
1	11.1.17
2	11.1.17
3	11.1.17
4	11.1.17
5	11.1.17

NO.	DATE	DESCRIPTION
1	11.1.17	AS SHOWN
2	11.1.17	
3	11.1.17	
4	11.1.17	
5	11.1.17	

NO.	DATE	DESCRIPTION
1	11.1.17	AS SHOWN
2	11.1.17	
3	11.1.17	
4	11.1.17	
5	11.1.17	



KNEE WALL DETAILS

ROADWAY GRADE RAISE
AND SHORELINE STABILIZATION
ANGLERS PLACE - WADGON PLACE AREA
SEAFORD, N.Y.

NOV. 2017

COUNCIL MEMBERS

DOROTHY L. GOOSBY
EDWARD A. AMBROSINO
BRUCE A. BLAKEMAN
ERIN KING SWEENEY
ANTHONY P. D'ESPOSITO
DENNIS DUNNE, Sr.

SYLVIA A. CABANA
TOWN CLERK

DONALD X. CLAVIN, JR.
RECEIVER OF TAXES

DOUGLAS L. TUMAN, P.E., ESQ.
COMMISSIONER

JEFFREY M. TIERNEY
DEPUTY COMMISSIONER

TOWN OF HEMPSTEAD

DEPARTMENT of ENGINEERING

350 FRONT STREET
HEMPSTEAD, NY 11550-4037
(516) 489-5000
FAX (516) 489-0024



LAURA A. GILLEN
SUPERVISOR

July 17, 2018

NYS DEC REGION I
Regional Permit Administrator
SUNY @ Stony Brook
50 Circle Road
Stony Brook, NY 11790-3409

Attn: Danielle A. Stango-Torre

Re: **Permit Application ID: 1-2820-07108/00001**

Plover Place, Seaford, N.Y.

Created by Governor Andrew M. Cuomo in April 2013, the NYRCR Program was designed to help storm-impacted communities throughout the State to build back better and stronger than before. Funding for this project comes from the U.S. Department of Housing & Urban Development (HUD), as part of its Community Development Block Grant – Disaster Recovery (CDBG-DR) Program.

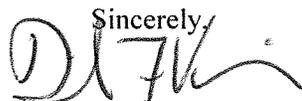
Dear Ms. Stango-Torre:

Please allow this letter and the attached documents to serve as the Town of Hempstead's response to the Notice of Incomplete Application dated July 3, 2018 regarding the application for a Tidal Wetland Permit for the above referenced Project.

The attached site plans identifies the tidal wetland boundary at a location just seaward of the guard rail as confirmed during a recent site visit by the Technical staff from the Bureau of Marine Habitat Protection.

Additionally, no excavation is proposed seaward of the bulkhead as the plan includes for only driving piles and installing sheeting. As part of the construction we will require that all equipment and work be conducted on the landward side of the bulkhead so that no impacts to the existing vegetation area will occur seaward of the guard rail and the proposed bulkhead structure.

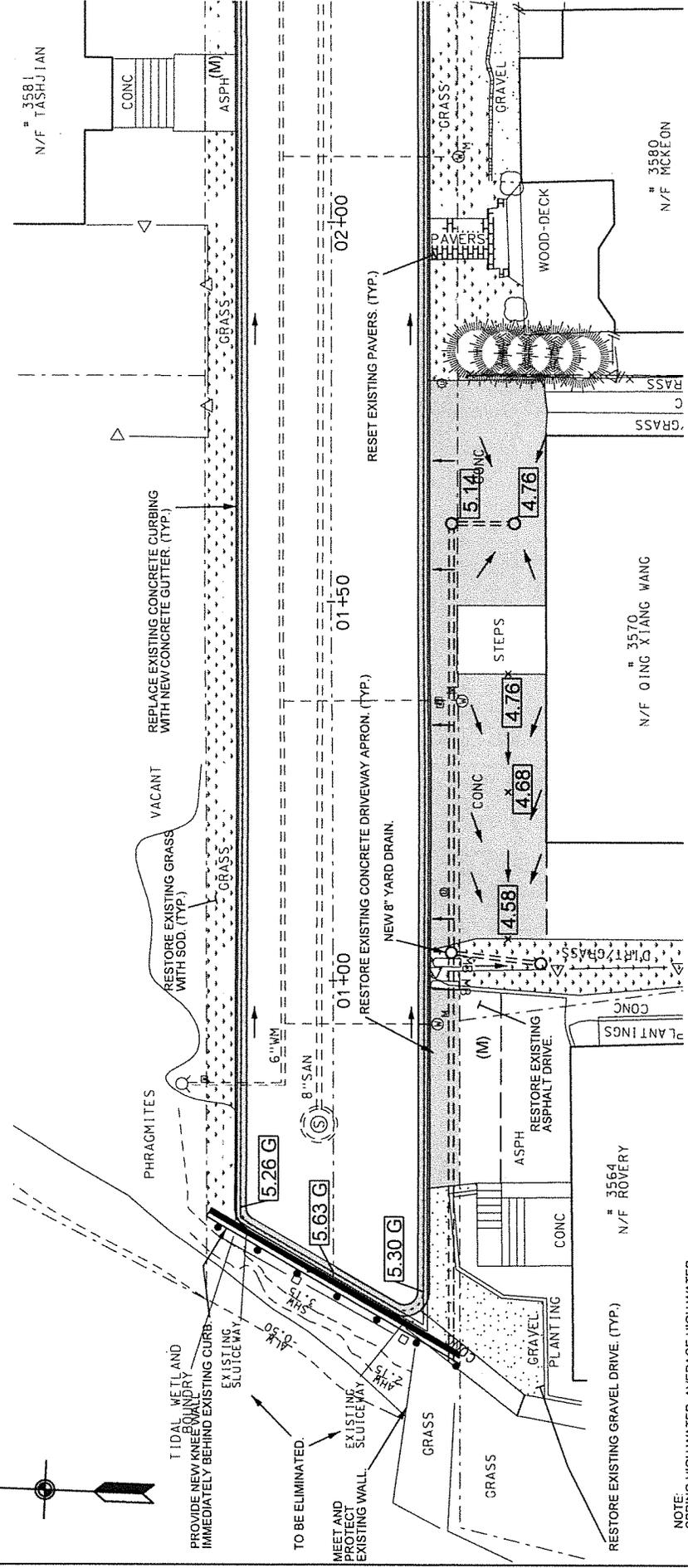
Should you have any questions, or require additional information, please do not hesitate to contact me at (516) 812-3483.

Sincerely,


David F. Vines
Engineering Helper

cc: James P. McAllister, Governor's Office of Storm Recovery

PLOVER PLACE



NOTE:
 SPRING HIGH WATER, AVERAGE HIGH WATER,
 AVERAGE LOW WATER, AND TIDAL WETLAND
 BOUNDARY LINE BY: JEFF TIERNY 3/8/2018

NEW ELEVATIONS N.C.V.D. (1929 DATUM)		5.32	5.24	5.18	5.12	5.06	5.00	4.94
TG	G	5.24	5.16	5.10	5.04	4.98	4.92	4.86
MID	CL	5.49	5.41	5.35	5.29	5.23	5.17	5.11
CL		5.57	5.49	5.43	5.37	5.31	5.25	5.19
MID	CL	5.49	5.41	5.35	5.29	5.23	5.17	5.11
G		5.24	5.16	5.10	5.04	4.98	4.92	4.86
TG		5.32	5.24	5.18	5.12	5.06	5.00	4.94
STA		00+75	01+00	01+25	01+50	01+75	02+00	02+25

5.63
 STA
 00+61.34
 -0.32%
 5.49
 PVI
 -0.24%

NO. DATE		REVISIONS				PLOVER PLACE PLAN ROADWAY GRADE RAISE AND SHORELINE STABILIZATION ANGLERS PLACE - WIDGEON PLACE AREA SEAFORD, N.Y.		SCALE: 1" = 20' DATE: NOV. 2017 DRAWN BY: CHECKED BY: SHEET NO. 3 OF 5
----------	--	-----------	--	--	--	--	--	--

COUNCIL MEMBERS

DOROTHY L. GOOSBY
EDWARD A. AMBROSINO
BRUCE A. BLAKEMAN
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DEPARTMENT of ENGINEERING

350 FRONT STREET
HEMPSTEAD, NY 11550-4037
(516) 489-5000
FAX (516) 489-0024



LAURA A. GILLEN
SUPERVISOR

July 17, 2018

NYS DEC REGION I
Regional Permit Administrator
SUNY @ Stony Brook
50 Circle Road
Stony Brook, NY 11790-3409

Attn: Danielle A. Stango-Torre

Re: **Permit Application ID: 1-2820-07108/00001**

Plover Place, Seaford, N.Y.

Created by Governor Andrew M. Cuomo in April 2013, the NYRCR Program was designed to help storm-impacted communities throughout the State to build back better and stronger than before. Funding for this project comes from the U.S. Department of Housing & Urban Development (HUD), as part of its Community Development Block Grant – Disaster Recovery (CDBG-DR) Program.

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Should you have any questions, or require additional information, please do not hesitate to contact me at (516) 812-3483.

Sincerely,

David F. Vines
Engineering Helper

cc: James P. McAllister, Governor's Office of Storm Recovery

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(516) 489-5000
FAX (516) 489-0024



LAURA A. GILLEN
SUPERVISOR

June 1, 2018

NYS DEC REGION I
Regional Permit Administrator
SUNY @ Stony Brook
50 Circle Road
Stony Brook, NY 11790-3409

Attn: Danielle A. Stango-Torre

Re: **Permit Application ID: 1-2820-07109/00001**
Anglers Place, Seaford, N.Y.

Created by Governor Andrew M. Cuomo in April 2013, the NYRCR Program was designed to help storm-impacted communities throughout the State to build back better and stronger than before. Funding for this project comes from the U.S. Department of Housing & Urban Development (HUD), as part of its Community Development Block Grant – Disaster Recovery (CDBG-DR) Program.

Dear Ms. Stango-Torre:

Please allow this letter and the attached documents to serve as the Town of Hempstead's response to the Notice of Incomplete Application dated January 8, 2018 regarding the application for a Tidal Wetland Permit for the above referenced Project.

The attached site plans identify the tidal wetland boundaries, disturbance areas, all property lines and all work within 300-feet of the tidal wetland boundary. Approval authorizations from the two adjacent property owners are also attached as requested.

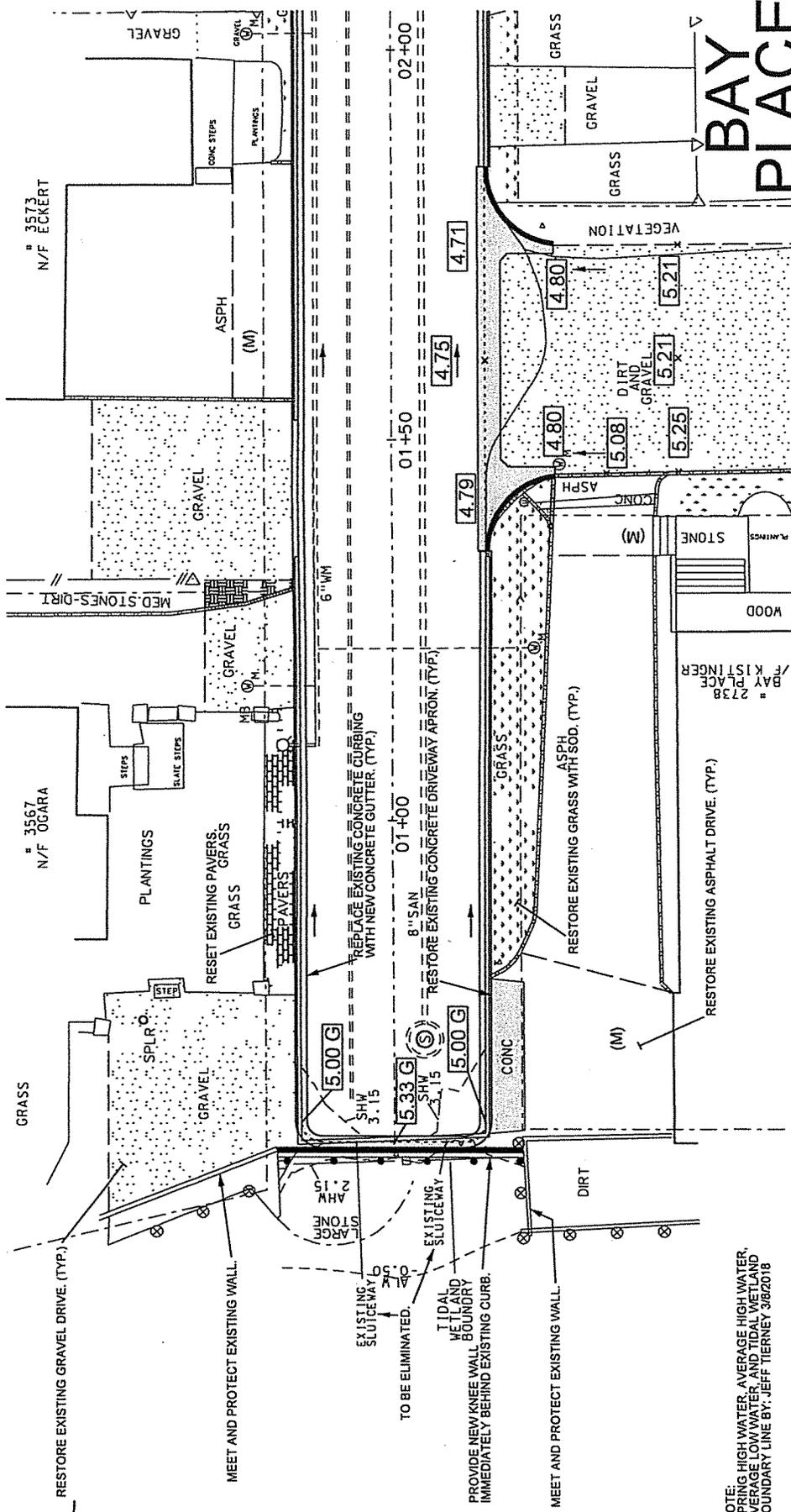
Should you have any questions, or require additional information, please do not hesitate to contact me at (516) 812-3483.

Sincerely,

David F. Vines
Engineering Helper

cc: James P. McAllister, Governor's Office of Storm Recovery

ANGLERS PLACE



NOTE: SPRING HIGH WATER, AVERAGE HIGH WATER, AVERAGE LOW WATER, AND TIDAL WETLAND BOUNDARY LINE BY: JEFF TIERNY 3/8/2018

N.G.V.D. (1929 DATUM)
NEW ELEVATIONS

TG	5.05	4.99	4.93	4.87	4.81	4.75
G	4.97	4.91	4.85	4.79	4.73	4.67
MID CL	5.22	5.16	5.10	5.04	4.98	4.92
CL	5.30	5.24	5.18	5.12	5.06	5.00
MID CL	5.22	5.16	5.10	5.04	4.98	4.92
G	4.97	4.91	4.85	4.79	4.73	4.67
TG	5.05	4.99	4.93	4.87	4.81	4.75
STA	00+75	01+00	01+25	01+50	01+75	02+00

-0.24%

5.33
HP
STA
00+56

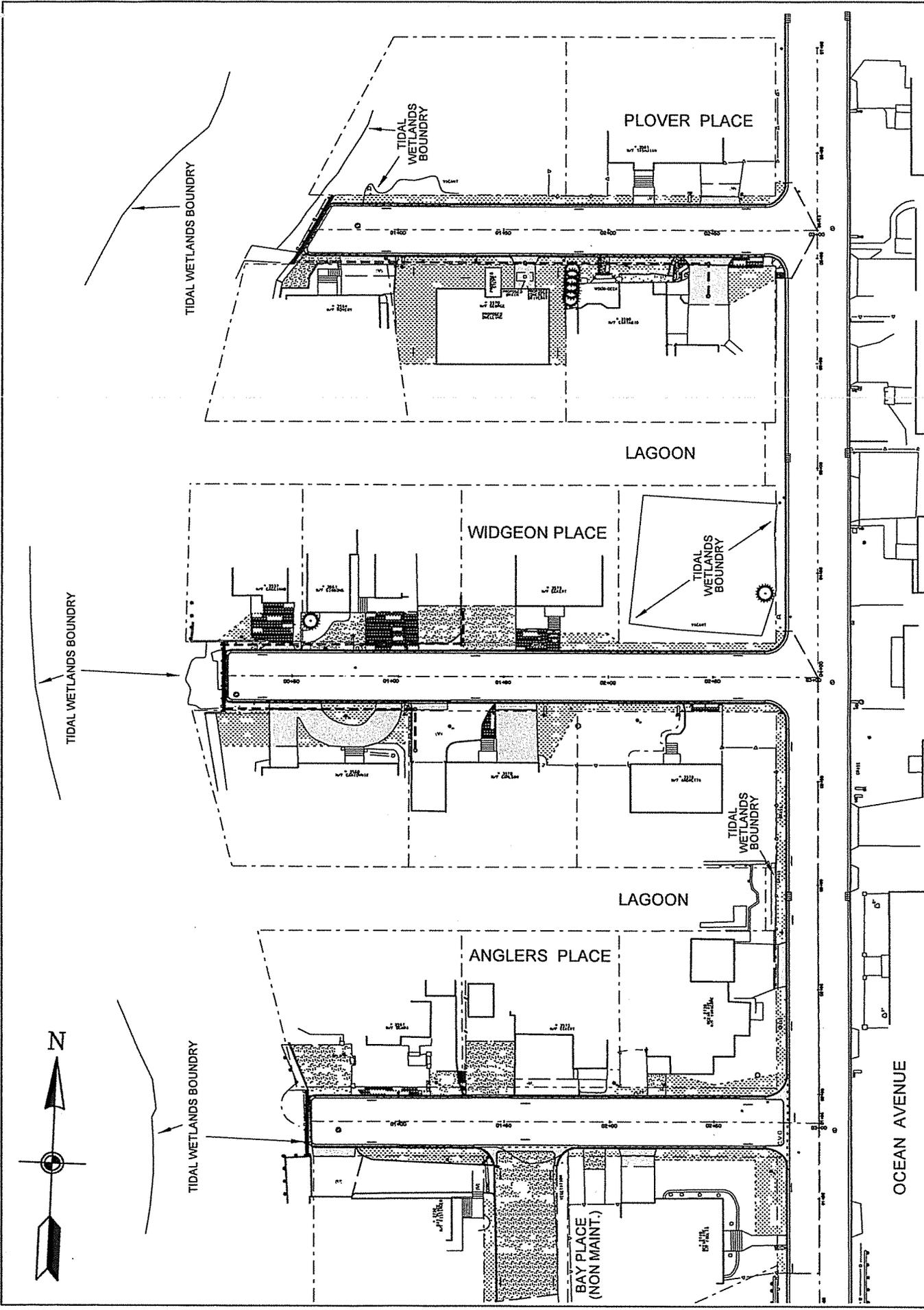
REVISIONS

NO.	DATE	BY	CHKD	DLT



ANGLERS PLACE PLAN
ROADWAY GRADE RAISE
AND SHORELINE STABILIZATION
ANGLERS PLACE - WIDGEON PLACE AREA
SEAFORD, N.Y.

Scale: 1" = 20'
Date: NOV. 2017
Job No.:
Sheet No.: 1 of 5



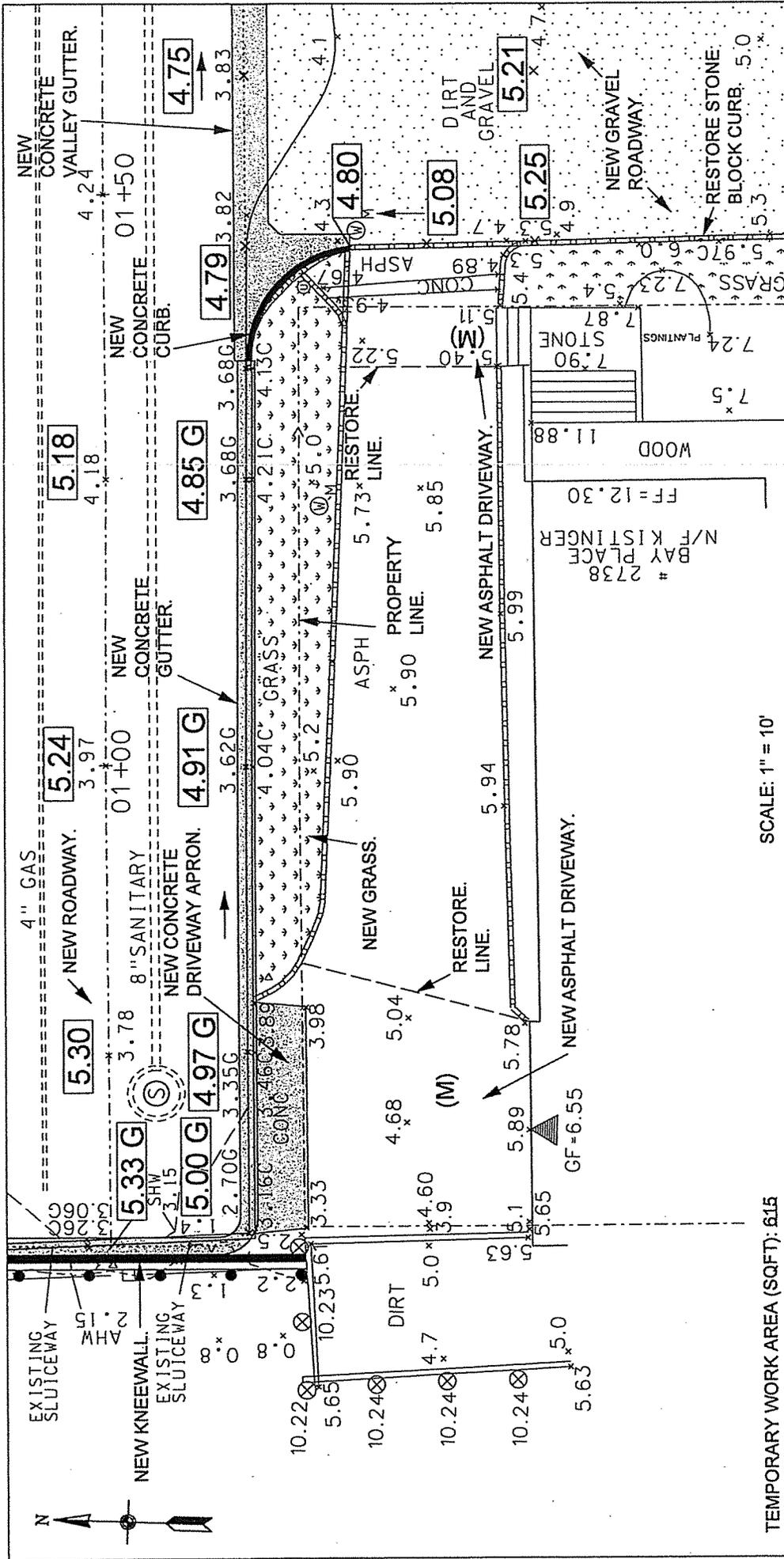
Scale 1" = 60'
 Date NOV. 2017
 File No.
 Drawing
 Sheets 5 of 5

SITE PLAN
 ROADWAY GRADE RAISE
 AND SHORELINE STABILIZATION
 ANGLERS PLACE - WIDGEON PLACE AREA
 SEAFORD, N.Y.



NO.	DATE	REVISIONS	IN CHARGE	DLT
			Completed	J.M.T.
			Design	J.M.T.
			Draft	J.M.T.
			Checked	J.M.T.
			Reviewed	DLT

NO.	DATE	REVISIONS	IN CHARGE	DLT



SCALE: 1" = 10'

TEMPORARY WORK AREA (SQFT): 615

SECTION: 63 BLOCK: 50 LOT: 333
 4/12/18

TOWN OF HEMPSTEAD - DEPARTMENT OF ENGINEERING
 INDIVIDUAL PROPERTY IMPROVEMENT PLAN
 FOR
 #2738 BAY PLACE



OWNER ACKNOWLEDGEMENT

#2738 BAY PLACE

DATE

COUNCIL MEMBERS

DOROTHY L. GOOSBY
EDWARD A. AMBROSINO
BRUCE A. BLAKEMAN
ERIN KING SWEENEY
ANTHONY P. D'ESPOSITO
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TOWN CLERK

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DEPUTY COMMISSIONER

TOWN OF HEMPSTEAD

DEPARTMENT of ENGINEERING

350 FRONT STREET
HEMPSTEAD, NY 11550-4037
(516) 489-5000
FAX (516) 489-0024



LAURA A. GILLEN
SUPERVISOR

June 1, 2018

NYS DEC REGION I
Regional Permit Administrator
SUNY @ Stony Brook
50 Circle Road
Stony Brook, NY 11790-3409

Attn: Danielle A. Stango-Torre

Re: **Permit Application ID: 1-2820-07108/00001**
Plover Place, Seaford, N.Y.

Created by Governor Andrew M. Cuomo in April 2013, the NYRCR Program was designed to help storm-impacted communities throughout the State to build back better and stronger than before. Funding for this project comes from the U.S. Department of Housing & Urban Development (HUD), as part of its Community Development Block Grant – Disaster Recovery (CDBG-DR) Program.

Dear Ms. Stango-Torre:

Please allow this letter and the attached documents to serve as the Town of Hempstead's response to the Notice of Incomplete Application dated January 8, 2018 regarding the application for a Tidal Wetland Permit for the above referenced project.

The attached site plans identify the tidal wetland boundaries, disturbance areas, all property lines and all work within 300-feet of the tidal wetland boundary. Approval authorization for the work from the adjacent property owner is attached as requested.

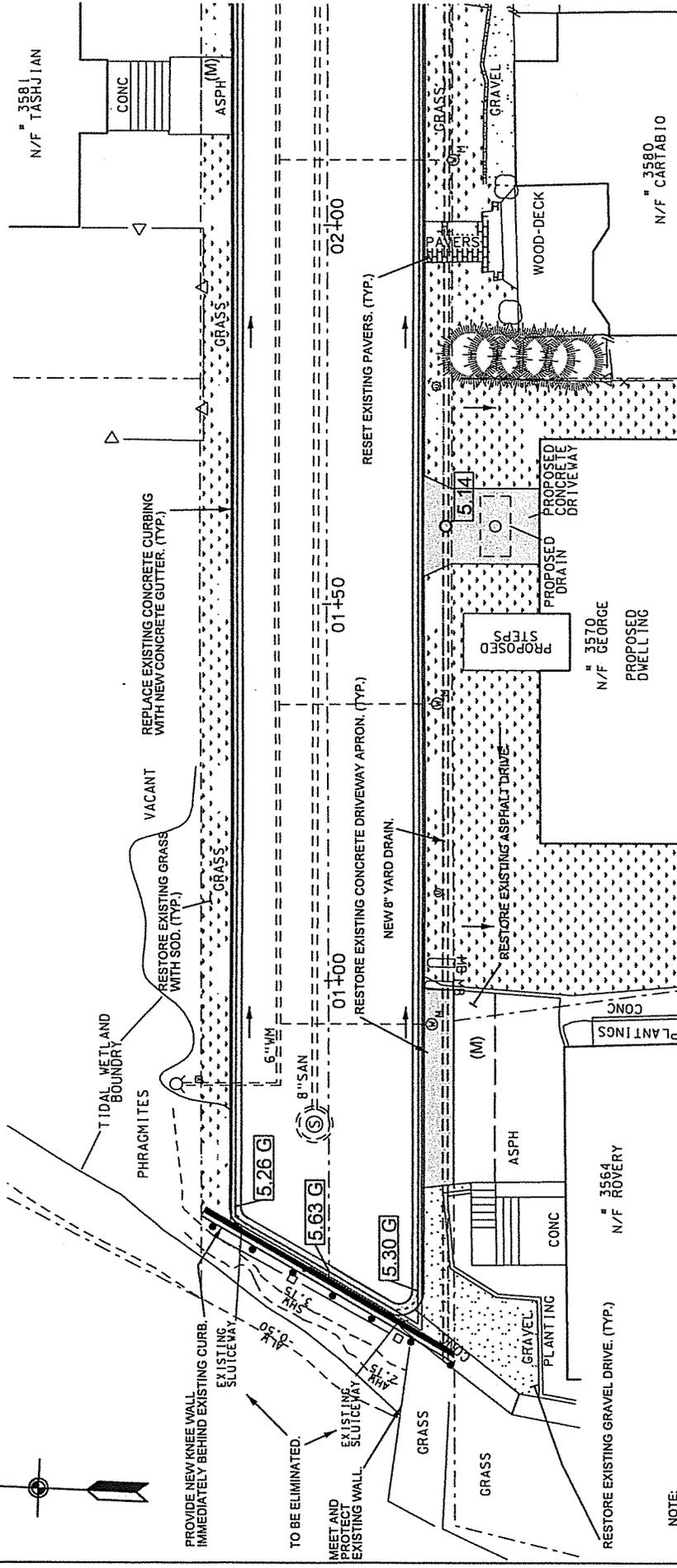
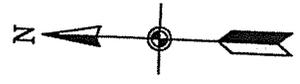
Should you have any questions, or require additional information, please do not hesitate to contact me at (516) 812-3483.

Sincerely,

David F. Vines
Engineering Helper

cc: James P. McAllister, Governor's Office of Storm Recovery

PLOVER PLACE

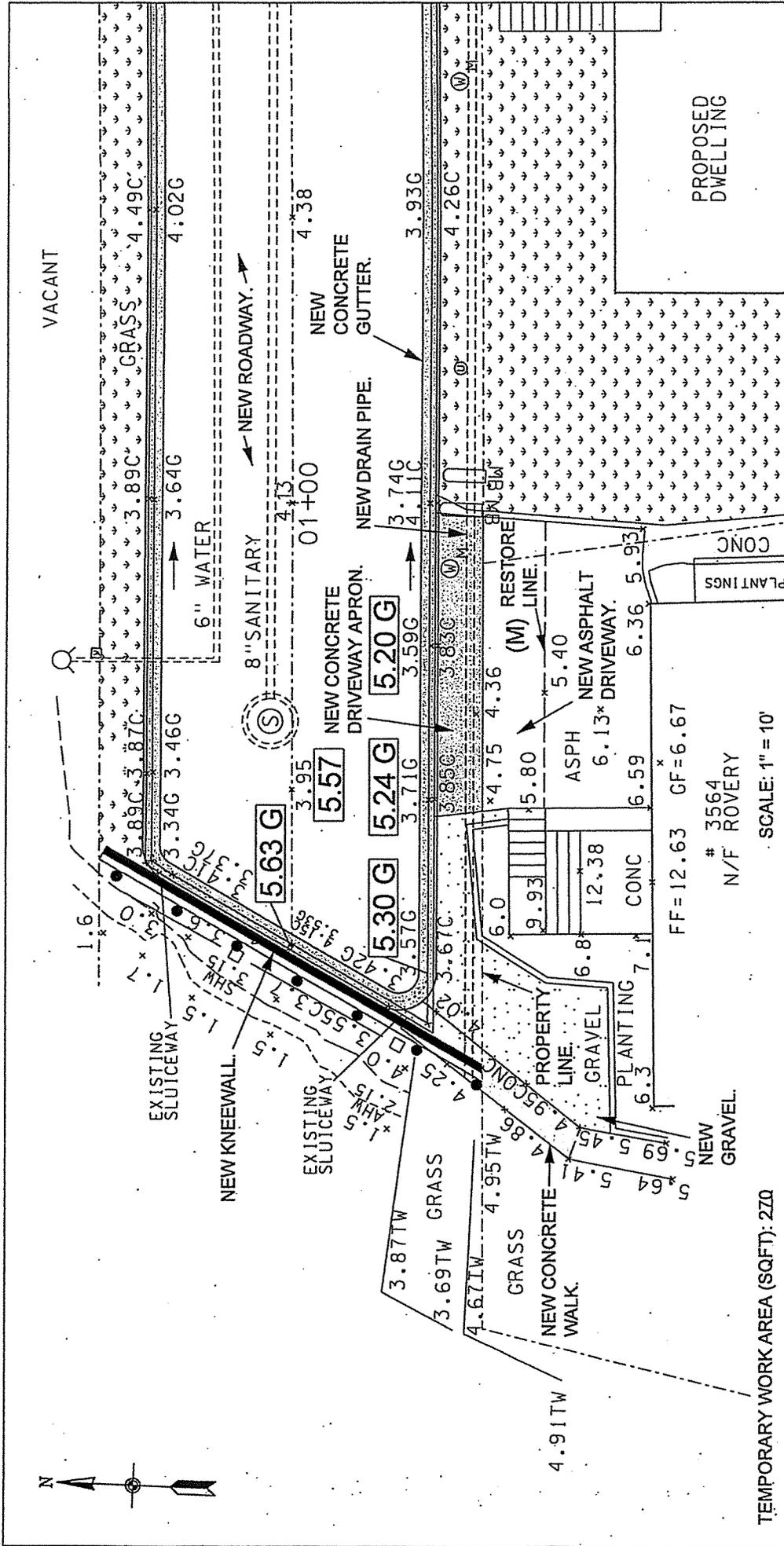


NOTE:
 SPRING HIGH WATER, AVERAGE HIGH WATER,
 AVERAGE LOW WATER, AND TIDAL WETLAND
 BOUNDARY LINE BY: JEFF TIERNY 3/8/2018

NEW ELEVATIONS		N.G.V.D. (1929 DATUM)	
TG	5.32	5.24	5.18
G	5.24	5.16	5.12
MID CL	5.49	5.41	5.29
CL	5.57	5.49	5.37
MID CL	5.49	5.41	5.29
G	5.24	5.16	5.04
TG	5.32	5.24	5.12
STA	00+75	01+00	01+25
			01+50
			01+75
			02+00
			02+25

5.63
 HP STA
 00+61.34
 -0.32%
 5.49
 PVI
 -0.24%

NO. DATE		REVISED	
DATE		DATE	
DRAWN		CHECKED	
SCALE		SCALE	
PROJECT		PROJECT	
PLOVER PLACE PLAN		PLOVER PLACE PLAN	
ROADWAY GRADE RAISE AND SHORELINE STABILIZATION ANGLERS PLACE - MIDCOEN PLACE AREA SEAFORD, N.Y.		ROADWAY GRADE RAISE AND SHORELINE STABILIZATION ANGLERS PLACE - MIDCOEN PLACE AREA SEAFORD, N.Y.	
DATE	NOV. 2017	SCALE	1" = 20'
DRAWN		SHEET NO.	3
CHECKED		TOTAL SHEETS	5



TEMPORARY WORK AREA (SQFT): 2ZQ



TOWN OF HEMPSTEAD - DEPARTMENT OF ENGINEERING
 INDIVIDUAL PROPERTY IMPROVEMENT PLAN
 FOR
 #3564 PLOVER PLACE

SECTION: 63 BLOCK: 4Z LOT: 3Z5

OWNER ACKNOWLEDGEMENT
 DATE: 4/16/18

SCALE: 1" = 10'

FF=12.63 GF=6.67
 # 3564
 N/F ROVERY

COUNCIL MEMBERS

DOROTHY L. GOOSBY
EDWARD A. AMBROSINO
BRUCE A. BLAKEMAN
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ANTHONY P. D'ESPOSITO
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TOWN OF HEMPSTEAD
DEPARTMENT of ENGINEERING

350 FRONT STREET
HEMPSTEAD, NY 11550-4037
(516) 489-5000
FAX (516) 489-0024



LAURA A. GILLEN
SUPERVISOR

June 5, 2018

NYS DEC REGION I
Regional Permit Administrator
SUNY @ Stony Brook
50 Circle Road
Stony Brook, NY 11790-3409

Attn: Danielle A. Stango-Torre

Re: **Permit Application ID: 1-2820-07110/00001**
Widgeon Place, Seaford, N.Y.

Created by Governor Andrew M. Cuomo in April 2013, the NYRCR Program was designed to help storm-impacted communities throughout the State to build back better and stronger than before. Funding for this project comes from the U.S. Department of Housing & Urban Development (HUD), as part of its Community Development Block Grant – Disaster Recovery (CDBG-DR) Program.

Dear Ms. Stango-Torre:

Please allow this letter and the attached documents to serve as the Town of Hempstead's response to the Notice of Incomplete Application dated January 8, 2018 regarding the application for a Tidal Wetland Permit for the above referenced Project.

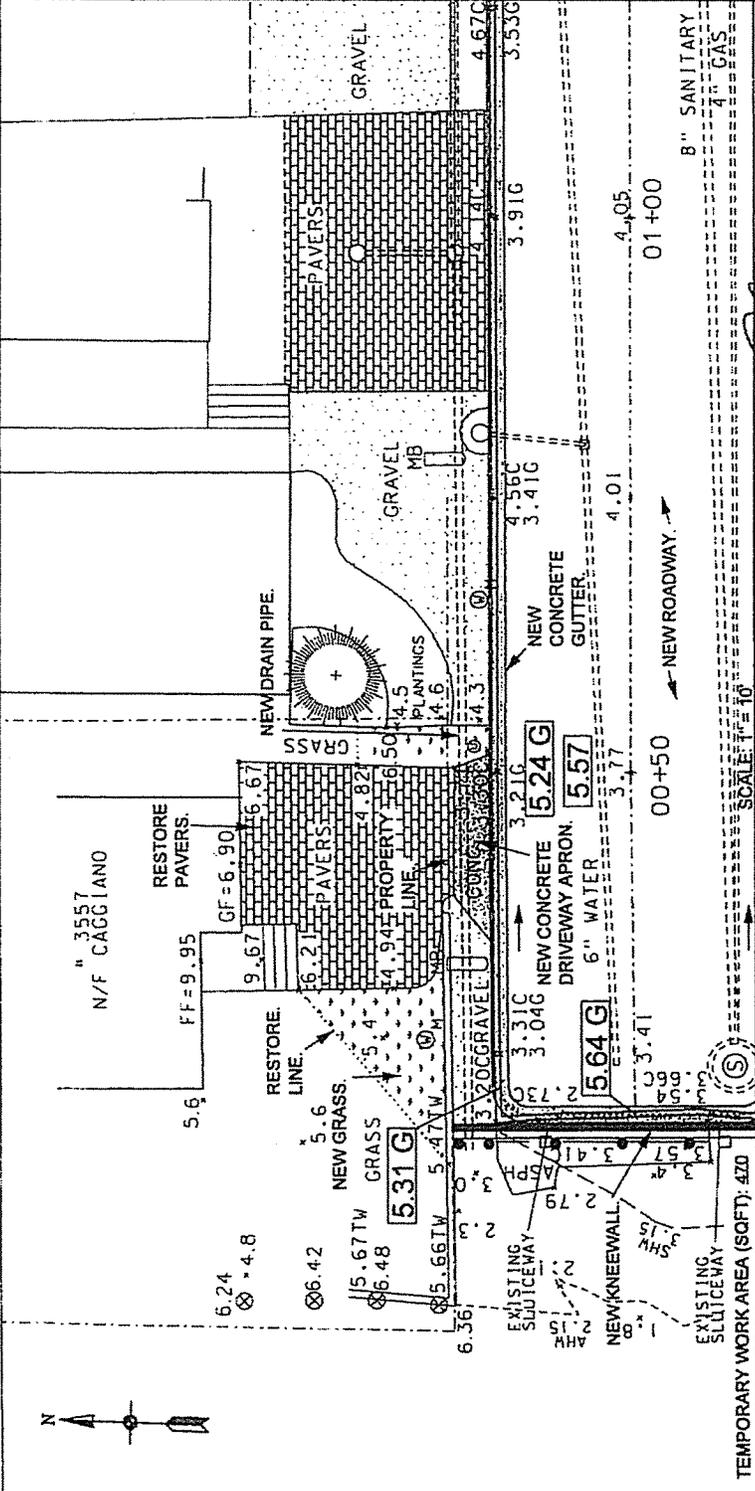
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Should you have any questions, or require additional information, please do not hesitate to contact me at (516) 812-3483.

Sincerely,

David F. Vines
Engineering Helper

cc: James P. McAllister, Governor's Office of Storm Recovery



TOWN OF HEMPSTEAD - DEPARTMENT OF ENGINEERING
 INDIVIDUAL PROPERTY IMPROVEMENT PLAN
 FOR
 #3557 WIDGEON PLACE

SECTION: 63 BLOCK: 41 LOT: 356
 OWNER ACKNOWLEDGEMENT
 DATE: 06/05/2018

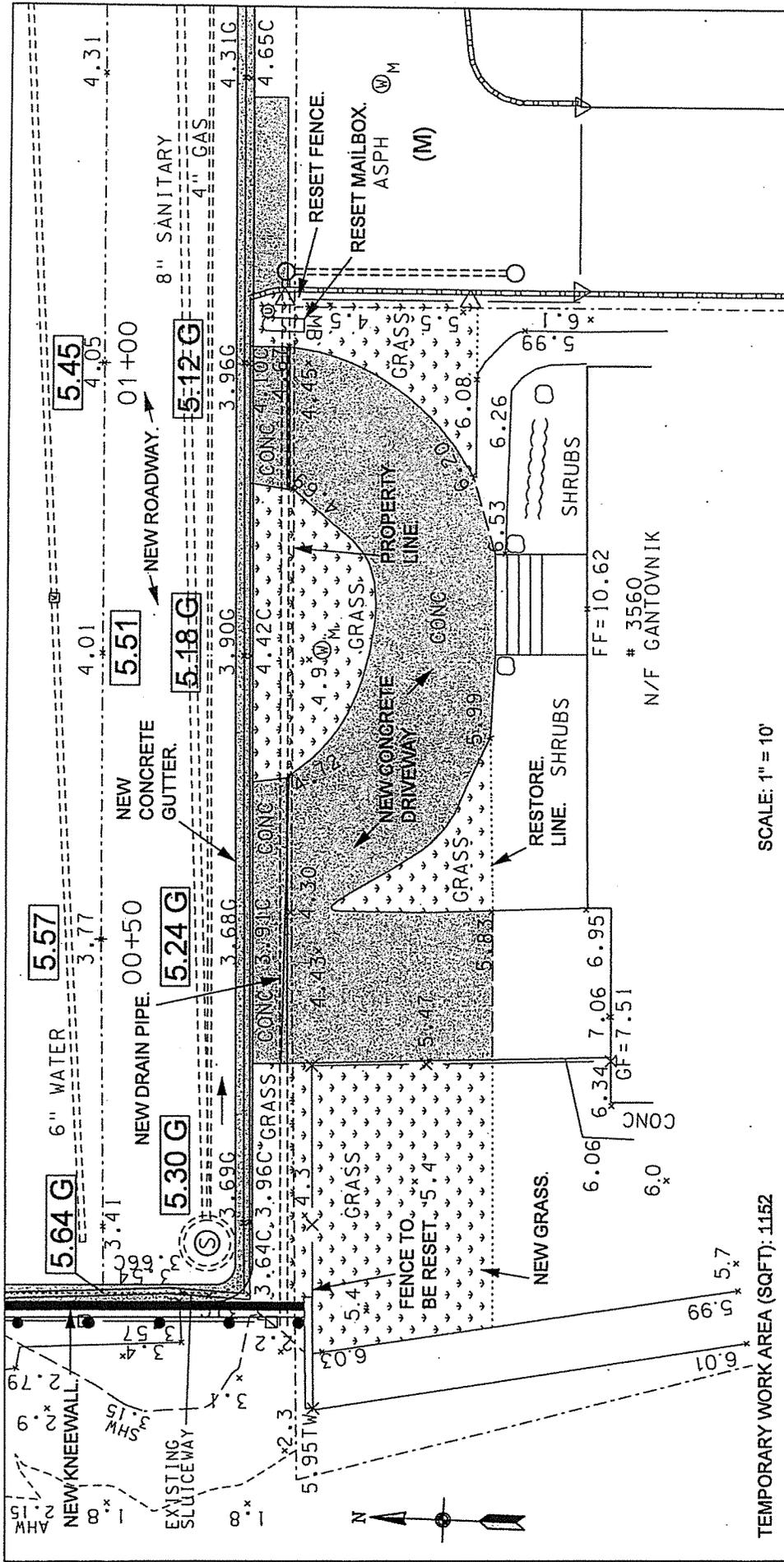
TEMPORARY WORK AREA (SQFT): 420

SCALE: 1" = 10'

SECTION: 63 BLOCK: 41 LOT: 356

OWNER ACKNOWLEDGEMENT

DATE: 06/05/2018



SCALE: 1" = 10'

TEMPORARY WORK AREA (SQFT): 1152



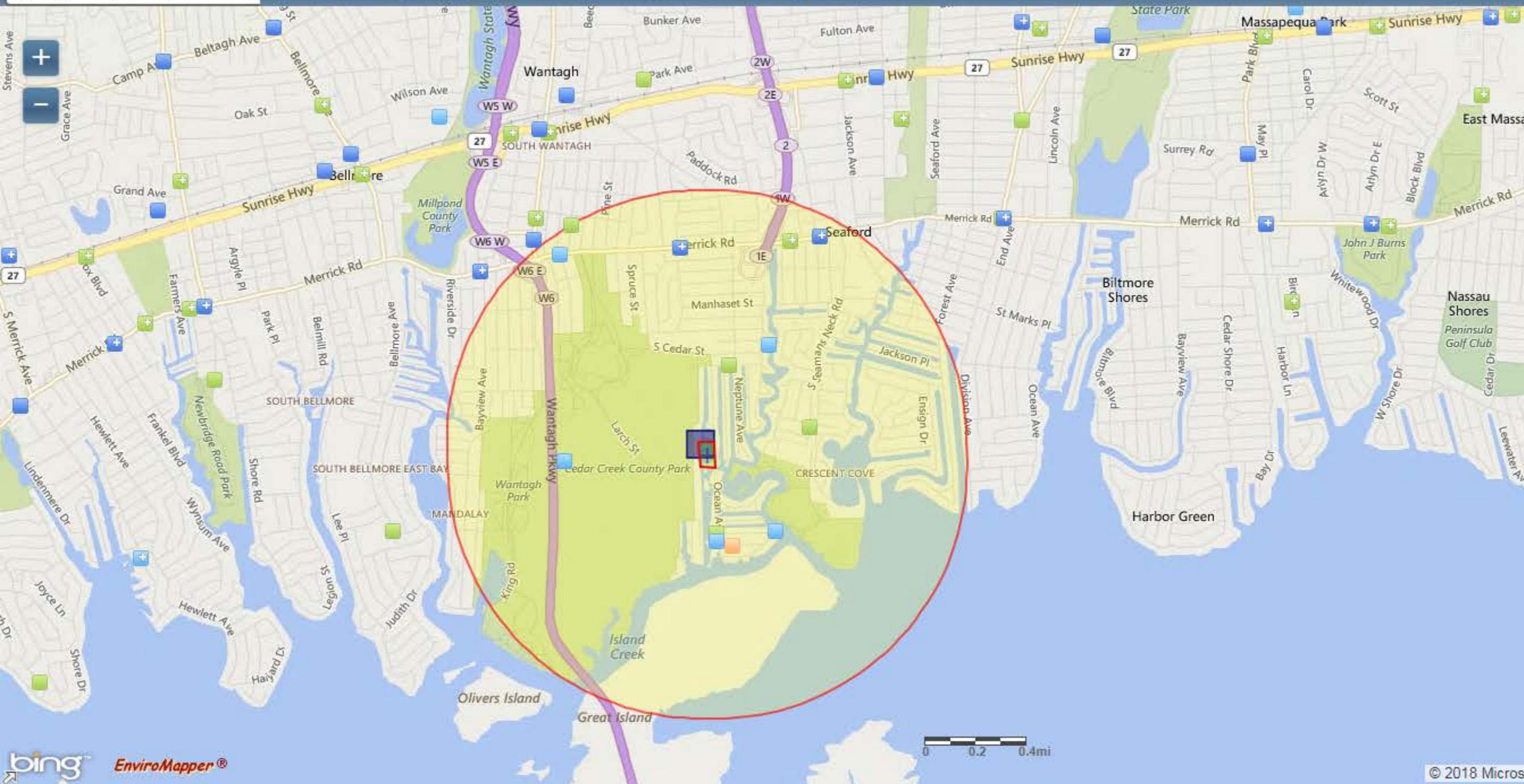
TOWN OF HEMPSTEAD - DEPARTMENT OF ENGINEERING
 INDIVIDUAL PROPERTY IMPROVEMENT PLAN
 FOR
 #3560 WIDGEON PLACE

SECTION: 63 BLOCK: 48 LOT: 352
 OWNER ACKNOWLEDGEMENT
 DATE: 6/4/18

Attachment 3

Widgeon Pl, Seaford, NY

- Basemap
- Imagery
- Draw
- Erase
- Bookmarks
- Tools
- More Data

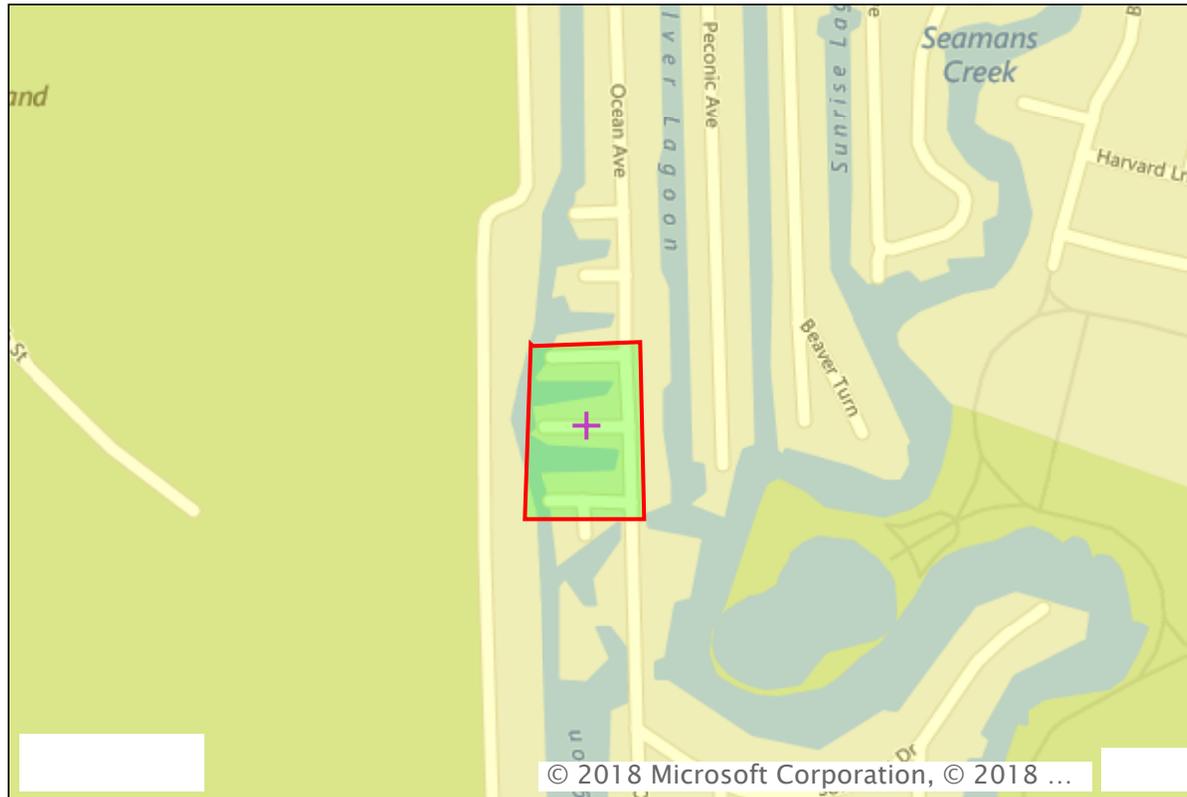


Select Map Contents

- EPA Facilities
 - Hazardous Waste (RCRAInfo)
 - Air Pollution (ICIS-AIR)
 - Water Dischargers (NPDES)
 - Toxic Releases (TRI)
 - Superfund (NPL)
 - Brownfields (ACRES)
 - RADInfo
 - Toxic Substances Control Act (TSCA)
- Water Monitoring Stations
- Places
- Transportation
- Water Features
- Nonattainment Areas
- Boundaries
- Soil Survey Map
- Critical Habitat
- NWI Wetlands
- FEMA Flood
- Land Cover

Widgeon

Map



Geographic coordinates:

POLYGON

(40.653763,-73.498647,40.653787,-73.497478,40.652330,-73.497435,40.652330,-73.498733,40.653771,-73.498669,40.653763,-73.498647)

with buffer 1 mile

Note: The information in the following reports is based on publicly available databases and web services. The National Report uses nationally available datasets and the State Reports use datasets available through the [EPA](#)

Regions. Click on the hyperlinked question to view the data source and associated metadata.

National Report

Project Area	0.01 sq mi
Within 1 mile of an Ozone 8-hr (1997 standard) Non-Attainment/Maintenance Area?	yes
Within 1 mile of an Ozone 8-hr (2008 standard) Non-Attainment/Maintenance Area?	yes
Within 1 mile of a Lead (2008 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a SO2 1-hr (2010 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM2.5 24hr (2006 standard) Non-Attainment/Maintenance Area?	yes
Within 1 mile of a PM2.5 Annual (1997 standard) Non-Attainment/Maintenance Area?	yes
Within 1 mile of a PM2.5 Annual (2012 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a PM10 (1987 standard) Non-Attainment/Maintenance Area?	no
Within 1 mile of a Federal Land?	no
Within 1 mile of an impaired stream?	yes
Within 1 mile of an impaired waterbody?	yes
Within 1 mile of a waterbody?	yes
Within 1 mile of a stream?	yes
Within 1 mile of an NWI wetland?	click here May take several minutes
Within 1 mile of a Brownfields site?	no
Within 1 mile of a Superfund site?	no
Within 1 mile of a Toxic Release Inventory (TRI) site?	no
Within 1 mile of a water discharger (NPDES)?	yes
Within 1 mile of a hazardous waste (RCRA) facility?	yes
Within 1 mile of an air emission facility?	yes
Within 1 mile of a school?	yes
Within 1 mile of an airport?	no
Within 1 mile of a hospital?	no
Within 1 mile of a designated sole source aquifer?	yes
Within 1 mile of a historic property on the National Register of Historic Places?	no
Within 1 mile of a Toxic Substances Control Act (TSCA) site?	no
Within 1 mile of a RADInfo site?	no

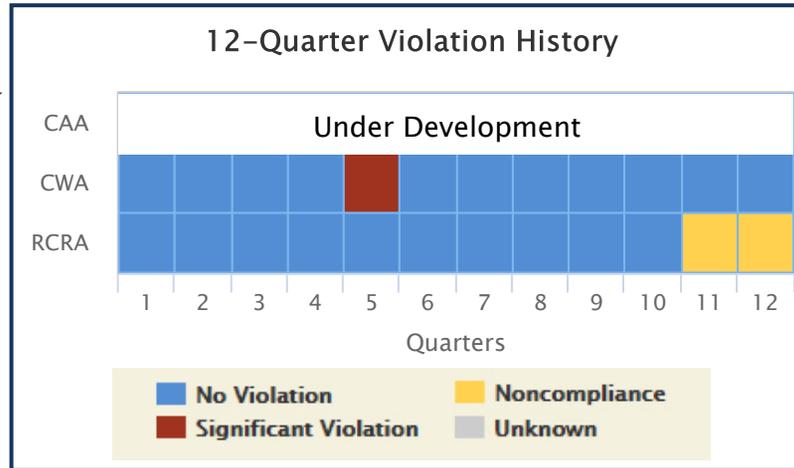
ICIS-AIR contains compliance and permit data for stationary sources of air pollution (such as electric power plants, steel mills, factories, and universities) regulated by EPA, state and local air pollution agencies. The information in ICIS-AIR is used by the states to prepare State Implementation Plans (SIPs) and to track the compliance status of point sources with various regulatory programs under [Clean Air Act](#).

Detailed Facility Report

Facility Summary

CEDAR CREEK WPCP
3340 MERRICK ROAD AND CEDAR CREEK PARK, WANTAGH, NY
11793 ⓘ

FRS (Facility Registry Service) ID: 110002446960
 EPA Region: 02
 Latitude: 40.652778
 Longitude: -73.508889
 Locational Data Source: NPDES
 Industry: Utilities
 Indian Country: N



Enforcement and Compliance Summary ⓘ

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs in NC (Noncompliance) (of 12)	Qtrs in Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
CAA	2	08/26/2016	Unknown	6	6	1	--	--	--	--
CWA	7	05/03/2018	No Violation	1	1	--	--	--	--	--
RCRA	1	02/06/2018	Noncompliance	2	0	1	--	--	--	--

Related Reports

- [A Air Pollutant Report](#)
- [L CWA Pollutant Loading Report](#)
- [E CWA Effluent Charts](#)
- [X CWA Effluent Limit Exceedances Report](#)
- [View Envirofacts Reports](#)

Regulatory Information

Clean Air Act (CAA): Operating Major (NY0000001282000653)
 Clean Water Act (CWA): Major, Permit Admin Continued (NY0026859)
 Resource Conservation and Recovery Act (RCRA): Active (H) LQG (NYD981085574)
 Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): 7221811
 Greenhouse Gas Emissions (eGGRT): No Information
 Toxic Releases (TRI): No Information
 Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110002446960					N	40.652778	-73.508889
AIR	CAA	NY0000001282000653	Major Emissions	Operating	CAACFC, CAAGACTM, CAAMACT, CAANSPS, CAAPARGDC, CAASIP, CAATVP		N		
EIS	CAA	7221811		OPERATING			N	40.652304	-73.506471
ICP	CWA	NY0026859	Major: NPDES Individual Permit	Admin Continued	POTW, Pretreatment	04/30/2016	N	40.652306	-73.506472
RCR	RCRA	NYD981085574	LQG	Active (H)			N		

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110002446960	CEDAR CREEK WPCP	3340 MERRICK ROAD AND CEDAR CREEK PARK, WANTAGH, NY 11793
AIR	CAA	NY0000001282000653	CEDAR CREEK WPCP	3340 MERRICK RD & CEDAR CREEK PK, WANTAGH, NY 11793
EIS	CAA	7221811	CEDAR CREEK WPCP	3340 MERRICK RD & CEDAR CREEK PK, WANTAGH, NY 11793
ICP	CWA	NY0026859	CEDAR CREEK WPCP	3340 MERRICK RD & CEDAR CR PK, WANTAGH, NY 11793-4341
RCR	RCRA	NYD981085574	NASSAU COUNTY CEDAR CREEK WATER POLLUTION CONTROL PLANT	3340 MERRICK ROAD, WANTAGH, NY 11793

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Desc
AIR	NY0000001282000653	4952	Sewerage Systems
ICP	NY0026859	4952	Sewerage Systems

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
EIS	7221811	22132	Sewage Treatment Facilities
AIR	NY0000001282000653	221320	Sewage Treatment Facilities
RCR	NYD981085574	22132	Sewage Treatment Facilities

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
<i>CAA</i>	<i>NY0000001282000653</i>	<i>AIR</i>	<i>Stack Test</i>	<i>State</i>	<i>03/12/2018</i>	<i>Findings: Pass</i>
<i>CAA</i>	<i>NY0000001282000653</i>	<i>AIR</i>	<i>PCE Off-Site</i>	<i>State</i>	<i>07/28/2017</i>	
<i>CAA</i>	<i>NY0000001282000653</i>	<i>AIR</i>	<i>Stack Test</i>	<i>State</i>	<i>01/10/2017</i>	<i>Findings: Pass</i>
<i>CAA</i>	<i>NY0000001282000653</i>	<i>AIR</i>	<i>FCE On-Site</i>	<i>State</i>	<i>08/26/2016</i>	
<i>CAA</i>	<i>NY0000001282000653</i>	<i>AIR</i>	<i>PCE On-Site</i>	<i>State</i>	<i>08/25/2016</i>	
<i>CAA</i>	<i>NY0000001282000653</i>	<i>AIR</i>	<i>PCE Off-Site</i>	<i>State</i>	<i>08/01/2016</i>	
<i>CAA</i>	<i>NY0000001282000653</i>	<i>AIR</i>	<i>FCE On-Site</i>	<i>State</i>	<i>07/07/2014</i>	
<i>CAA</i>	<i>NY0000001282000653</i>	<i>AIR</i>	<i>PCE On-Site</i>	<i>State</i>	<i>07/03/2014</i>	
<i>CAA</i>	<i>NY0000001282000653</i>	<i>AIR</i>	<i>PCE On-Site Record/Report Review</i>	<i>State</i>	<i>07/09/2013</i>	
<i>CWA</i>	<i>NY0026859</i>	<i>ICP</i>	<i>Evaluation</i>	<i>State</i>	<i>05/03/2018</i>	
<i>CWA</i>	<i>NY0026859</i>	<i>ICP</i>	<i>Evaluation</i>	<i>State</i>	<i>01/24/2018</i>	
<i>CWA</i>	<i>NY0026859</i>	<i>ICP</i>	<i>Evaluation</i>	<i>State</i>	<i>03/02/2017</i>	
<i>CWA</i>	<i>NY0026859</i>	<i>ICP</i>	<i>Evaluation</i>	<i>State</i>	<i>08/11/2016</i>	
<i>CWA</i>	<i>NY0026859</i>	<i>ICP</i>	<i>Evaluation</i>	<i>State</i>	<i>12/03/2015</i>	
<i>CWA</i>	<i>NY0026859</i>	<i>ICP</i>	<i>Reconnaissance without Sampling</i>	<i>State</i>	<i>08/26/2015</i>	
<i>CWA</i>	<i>NY0026859</i>	<i>ICP</i>	<i>Evaluation</i>	<i>State</i>	<i>01/21/2015</i>	
<i>CWA</i>	<i>NY0026859</i>	<i>ICP</i>	<i>Reconnaissance with Sampling</i>	<i>EPA</i>	<i>02/12/2014</i>	
<i>CWA</i>	<i>NY0026859</i>	<i>ICP</i>	<i>Evaluation</i>	<i>State</i>	<i>11/22/2013</i>	
<i>RCRA</i>	<i>NYD981085574</i>	<i>RCR</i>	<i>COMPLIANCE EVALUATION INSPECTION ON-SITE</i>	<i>State</i>	<i>02/06/2018</i>	<i>Violations Or Compliance Issues Were Found</i>

Entries in italics are not considered inspections in official counts.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Description	Current As Of	Qtrs in NC (Noncompliance) (of 12)
CAA	NY0000001282000653	No		07/07/2018	6
CWA	NY0026859	No		03/31/2018	1
RCRA	NYD981085574	No		07/07/2018	2

Three Year Compliance Status by Quarter

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
	CAA (Source ID: NY0000001282000653)				07/01-09/30/15	10/01-12/31/15	01/01-03/31/16	04/01-06/30/16	07/01-09/30/16	10/01-12/31/16	01/01-03/31/17	04/01-06/30/17	07/01-09/30/17	10/01-12/31/17	01/01-03/31/18	04/01-06/30/18
	Facility-Level Status				HPV	HPV	HPV	HPV	HPV	HPV						
	HPV History				Addr-State	Addr-State	Addr-State	Addr-State	Addr-State	Addr-State						
	Violation Type	Agency	Programs	Pollutants												
CAA	HPV	NY	CAATVP	FACIL	04/27/2011	>>>	>>>	>>>	>>>		12/01/2016					

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
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Statute	Program/Pollutant/Violation Type			QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
	CWA (Source ID: NY0026859)			04/01-06/30/15	07/01-09/30/15	10/01-12/31/15	01/01-03/31/16	04/01-06/30/16	07/01-09/30/16	10/01-12/31/16	01/01-03/31/17	04/01-06/30/17	07/01-09/30/17	10/01-12/31/17	01/01-03/31/18	04/01-07/06/18
	Facility-Level Status			No Violation	No Violation	No Violation	No Violation	SNC/Cat 1	No Violation	Und						
	SNC (Significant Non-Compliance)/RNC (Reportable Non-Compliance) History			P(ResPend)	P(ResPend)	P(ResPend)	P(ResPend)	T(CSchRpt)	P(ResPend)							
	Pollutant	Disch Point	Freq													
CWA	Carbonaceous oxygen demand, % removal	001	Neither													
CWA	Solids, suspended percent removal	001	Neither													
	Benchmark Limit Exceedances (No Violation): Pollutant															
	Pollutant	Disch Point	Freq													
CWA	Toluene	001	NMth													
CWA	Oxygen demand, chem. [high level] [COD]	002	NMth													
CWA	Oxygen demand, chem. [high level] [COD]	003	NMth													
CWA	Oxygen demand, chem. [high level] [COD]	004	NMth													
CWA	Oxygen demand, chem. [high level] [COD]	006	NMth													
	Permit Schedule Violations															
CWA	Schedule Event achieved late but reported: Pretreatment Program Implementation Report															
CWA	Schedule Event reported late: Pretreatment Program Implementation Report															
CWA	Schedule Event unachieved and not reported: Pretreatment Program Implementation Report															
CWA	Schedule Event unachieved but reported: Pretreatment Program Implementation Report															

Statute	Program/Pollutant/Violation Type			QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+		
	RCRA (Source ID: NYD981085574)			07/01-09/30/15	10/01-12/31/15	01/01-03/31/16	04/01-06/30/16	07/01-09/30/16	10/01-12/31/16	01/01-03/31/17	04/01-06/30/17	07/01-09/30/17	10/01-12/31/17	01/01-03/31/18	04/01-06/30/18		
	Facility-Level Status														Violation	Violation	
	Violation	Agency															
RCRA	262.D: Generators - Records/Reporting	NY														FEB-06-2018	>>>>>
RCRA	262.D: Generators - Records/Reporting	NY														FEB-06-2018	>>>>>
RCRA	268.A: LDR - General	NY														FEB-06-2018	>>>>>
RCRA	XXS: State Statute or Regulation	NY														FEB-06-2018	>>>>>

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
CAA	AIR	NY0000001282000653	Notice of Violation	State	07/11/2013
RCRA	RCR	NYD981085574	WRITTEN INFORMAL	State	03/14/2018

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
No data records returned														

Environmental Conditions

Water Quality

Permit ID	Combined Sewer System?	Number of CSO (Combined Sewer Overflow) Outfalls	12-Digit WBD (Watershed Boundary Dataset) HUC (RAID (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAID (Reach Address Database))	State Waterbody Name (ICIS (Integrated Compliance Information System))	Impaired Waters	Impaired Class	Causes of Impairment(s) by Group(s)	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
NY0026859			020302020207	Seaford Creek-South Oyster Bay	ATLANTIC OCEAN	No		NUTRIENTS OTHER CAUSE PATHOGENS TOXIC ORGANICS	Yes

Waterbody Designated Uses

Reach Code	Waterbody Name	Exceptional Use	Recreational Use	Aquatic Life Use	Shellfish Use	Beach Closure Within Last Year	Beach Closure Within Last Two Years
02030202001041	Cedar Creek	No	Yes	Yes	No	No	No

Air Quality

Nonattainment Area?	Pollutant(s)	Applicable Nonattainment Standard(s)
Yes	Ozone	8-Hour Ozone (2008)
No	Lead	
Yes	Particulate Matter	PM-2.5 (1997), PM-2.5 (2006)
No	Sulfur Dioxide	

Pollutants

[Air Pollutant Report](#)

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site ⁱ

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year ⁱ

Chemical Name
No data records returned

Demographic Profile

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 US Census and American Community Survey data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table (LRT) when available.

Radius of Area:	3	Land Area:	72%	Households in Area:	34,876
Center Latitude:	40.652778	Water Area:	28%	Housing Units in Area:	35,694
Center Longitude:	-73.508889	Population Density:	5,126/sq.mi.	Households on Public Assistance:	246
Total Persons:	103,227	Percent Minority:	10%	Persons Below Poverty Level:	7,529

Race Breakdown	Persons (%)	Age Breakdown	Persons (%)
White:	97,603 (95%)	Child 5 years and younger:	5,449 (5%)
African-American:	929 (1%)	Minors 17 years and younger:	25,482 (25%)
Hispanic-Origin:	5,491 (5%)	Adults 18 years and older:	77,745 (75%)
Asian/Pacific Islander:	2,539 (2%)	Seniors 65 years and older:	14,711 (14%)
American Indian:	94 (0%)		
Other/Multiracial:	2,061 (2%)		

Education Level (Persons 25 & older)	Persons (%)	Income Breakdown	Households (%)
Less than 9th Grade:	1,546 (2.21%)	Less than \$15,000:	1,119 (3.26%)
9th through 12th Grade:	2,252 (3.21%)	\$15,000 - \$25,000:	1,515 (4.42%)
High School Diploma:	18,483 (26.38%)	\$25,000 - \$50,000:	3,662 (10.67%)
Some College/2-yr:	17,582 (25.09%)	\$50,000 - \$75,000:	4,152 (12.1%)
B.S./B.A. or More:	30,202 (43.11%)	Greater than \$75,000:	23,866 (69.55%)

Detailed Facility Report

Facility Summary

GETTY SERVICE STATION

3287 MERRICK RD, WANTAGH, NY 11793 ⓘ

FRS (Facility Registry Service) ID: 110004506437

EPA Region: 02

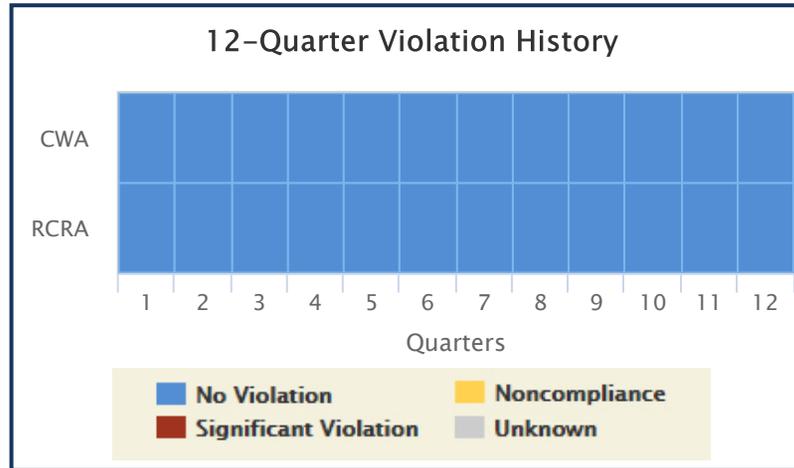
Latitude: 40.66468

Longitude: -73.50924

Locational Data Source: FRS

Industry: Administration of Environmental Quality Programs

Indian Country: N



Enforcement and Compliance Summary ⓘ

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs in NC (Noncompliance) (of 12)	Qtrs in Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
CWA	--	--	No Violation	0	0	--	--	--	--	--
RCRA	--	--	No Violation	0	0	--	--	--	--	--

Related Reports

- [L CWA Pollutant Loading Report](#)
- [E CWA Effluent Charts](#)
- [X CWA Effluent Limit Exceedances Report](#)
- [View Envirofacts Reports](#)

Regulatory Information

Clean Air Act (CAA): No Information
 Clean Water Act (CWA): Minor, Permit Terminated; Compliance Tracking Off (NY0226181)
 Resource Conservation and Recovery Act (RCRA): Inactive () Other (NYD987036951)
 Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
 Greenhouse Gas Emissions (eGGRT): No Information
 Toxic Releases (TRI): No Information
 Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004506437					N	40.66468	-73.50924
ICP	CWA	NY0226181	Minor: NPDES Individual Permit	Terminated; Compliance Tracking Off		03/01/2000	N	40.665417	-73.508083
RCR	RCRA	NYD987036951	Other	Inactive ()			N	40.664993	-73.509016

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110004506437	GETTY SERVICE STATION	3287 MERRICK RD, WANTAGH, NY 11793
ICP	CWA	NY0226181	GETTY S/S #58573	3287 MERRICK ROAD, WANTAGH, NY 11793
RCR	RCRA	NYD987036951	GETTY SERVICE STATION	3287 MERRICK RD, WANTAGH, NY 11793-4336

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Desc
ICP	NY0226181	4959	Sanitary Services

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RCR	NYD987036951	92411	Administration of Air and Water Resource and Solid Waste Management Programs

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
No data records returned						

Entries in italics are not considered inspections in official counts.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Description	Current As Of	Qtrs in NC (Noncompliance) (of 12)
CWA	NY0226181	No		03/31/2018	0
RCRA	NYD987036951	No		07/07/2018	0

Three Year Compliance Status by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
	CWA (Source ID: NY0226181)	04/01-06/30/15	07/01-09/30/15	10/01-12/31/15	01/01-03/31/16	04/01-06/30/16	07/01-09/30/16	10/01-12/31/16	01/01-03/31/17	04/01-06/30/17	07/01-09/30/17	10/01-12/31/17	01/01-03/31/18	04/01-07/06/18
	Facility-Level Status	No Violation	Und											
	SNC (Significant Non-compliance)/RNC (Reportable Non-Compliance) History													

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
	RCRA (Source ID: NYD987036951)	07/01-09/30/15	10/01-12/31/15	01/01-03/31/16	04/01-06/30/16	07/01-09/30/16	10/01-12/31/16	01/01-03/31/17	04/01-06/30/17	07/01-09/30/17	10/01-12/31/17	01/01-03/31/18	04/01-06/30/18
	RCRA Facility-Level Status												

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
No data records returned														

Environmental Conditions

Water Quality

Permit ID	Combined Sewer System?	Number of CSO (Combined Sewer Overflow) Outfalls	12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Waterbody Name (ICIS (Integrated Compliance Information System))	Impaired Waters	Impaired Class	Causes of Impairment(s) by Group(s)	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
NY0226181			020302020207	Bellmore Creek-East Bay	CEDAR CK	303(D) Listed	5	NUISANCE EXOTIC SPECIES	Yes

Waterbody Designated Uses

Reach Code	Waterbody Name	Exceptional Use	Recreational Use	Aquatic Life Use	Shellfish Use	Beach Closure Within Last Year	Beach Closure Within Last Two Years
02030202000852	Bellmore Creek	No	No	No	No	No	No

Air Quality

Nonattainment Area?	Pollutant(s)	Applicable Nonattainment Standard(s)
Yes	Ozone	8-Hour Ozone (2008)
No	Lead	
Yes	Particulate Matter	PM-2.5 (1997), PM-2.5 (2006)
No	Sulfur Dioxide	

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Demographic Profile

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 US Census and American Community Survey data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table (LRT) when available.

Radius of Area:	3	Land Area:	82%	Households in Area:	45,967
Center Latitude:	40.66498	Water Area:	18%	Housing Units in Area:	47,020
Center Longitude:	-73.50905	Population Density:	5,863/sq.mi.	Households on Public Assistance:	359
Total Persons:	136,012	Percent Minority:	10%	Persons Below Poverty Level:	10,415

Race Breakdown	Persons (%)	Age Breakdown	Persons (%)
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Race Breakdown	Persons (%)	Age Breakdown	Persons (%)
White:	128,335 (94%)	Child 5 years and younger:	7,269 (5%)
African-American:	1,197 (1%)	Minors 17 years and younger:	33,221 (24%)
Hispanic-Origin:	7,669 (6%)	Adults 18 years and older:	102,790 (76%)
Asian/Pacific Islander:	3,529 (3%)	Seniors 65 years and older:	19,797 (15%)
American Indian:	112 (0%)		
Other/Multiracial:	2,840 (2%)		

Education Level (Persons 25 & older)	Persons (%)	Income Breakdown	Households (%)
Less than 9th Grade:	2,045 (2.2%)	Less than \$15,000:	1,490 (3.29%)
9th through 12th Grade:	3,219 (3.46%)	\$15,000 - \$25,000:	2,042 (4.51%)
High School Diploma:	25,371 (27.26%)	\$25,000 - \$50,000:	5,074 (11.2%)
Some College/2-yr:	23,907 (25.69%)	\$50,000 - \$75,000:	5,775 (12.75%)
B.S./B.A. or More:	38,533 (41.4%)	Greater than \$75,000:	30,911 (68.25%)



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Plant Information



MERRICK BOW DRY CLEANERS
 3878 MERRICK RD
 SEAFORD, NY 117832822
 EPA Plant ID: 110012590552

Operating Status:	O	HPV Flag:	
Operating Status Description:	OPERATING	State Registration Number:	1282002990
State County Compliance Source:	36059R2161	Government Facility Code Description:	PRIVATELY OWNED/OPERATED
Region Code:	02	Class Code:	B
Primary SIC Code:	7216	Class Code Description:	POTENTIAL UNCONTROLLED EM
Primary SIC Description:	DRY CLEANING PLANTS, EXCE	Compliance Status:	C
NAICS Code:	812320	Compliance Status Description:	IN COMPLIANCE WITH PROCED
NAICS Code Description:	Drycleaning and Laundry Services (except Coin-Operated)	Date Plant Information Last Updated:	05/07/2014

Air Program Information

<u>Air Program Code</u>	<u>Air Program Description</u>	<u>Air Program Status</u>	<u>Air Program Status Description</u>	<u>Air Program Subpart</u>	<u>Air Program Subpart Description</u>	<u>Class Code</u>	<u>Class Code Description</u>	<u>Compliance Status</u>	<u>Compliance Status Description</u>
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<u>Air Program Code</u>	<u>Air Program Description</u>	<u>Air Program Status</u>	<u>Air Program Status Description</u>	<u>Air Program Subpart</u>	<u>Air Program Subpart Description</u>	<u>Class Code</u>	<u>Class Code Description</u>	<u>Compliance Status</u>	<u>Compliance Status Description</u>
0	SIP	O	OPERATING			B	POTENTIAL UNCONTROLLED EM	C	IN COMPLIANCE WITH PROCED
M	MACT (SECTION 63 NESHAPS)	O	OPERATING	M	DRY CLEANERS PERCHLOROETHYLENE	B	POTENTIAL UNCONTROLLED EM	C	IN COMPLIANCE WITH PROCED

Pollutant Data

<u>Air Program Code</u>	<u>Pollutant Code / CAS Number</u>	<u>Pollutant / CAS Description</u>	<u>Attain Indicator</u>	<u>Attain Indicator Description</u>	<u>Pollutant Compliance Status</u>	<u>ES Pollutant Compliance Description</u>	<u>Pollutant Class Code</u>	<u>Pollutant Class Description</u>
0	FACIL	<u>FACILITY-WIDE PERMIT REQUIREMENTS</u>	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
M	FACIL	<u>FACILITY-WIDE PERMIT REQUIREMENTS</u>	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
M	HC53	<u>TETRACHLOROETHYLENE (PERCHLOROETHYLENE)</u>	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM
M	THAP	<u>TOTAL HAP POLLUTANT</u>	U	UNCLASSIFIED	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM

Compliance Monitoring Strategy

<u>CMS Start Date</u>	<u>FY2008 CMS Indicator</u>	<u>FY2008 CMS Indicator Description</u>	<u>FY2009 CMS Indicator</u>	<u>FY2009 CMS Indicator Description</u>

Plant Actions

<u>Action Number</u>	<u>Key Action Numbers</u>	<u>Air Program Codes</u>	<u>National Action Type</u>	<u>National Action Description</u>	<u>Action Type</u>	<u>Action Description</u>	<u>Date Achieved</u>	<u>Penalty Amount</u>	<u>Results Code</u>	<u>Results Code Description</u>	<u>Pollutant Code</u>	<u>Regional Data Element</u>	<u>Regional Data Element 16</u>
90000		0			06	GENERAL ACTION TYPE SPECIFIED BY COMMENTS	25-OCT-99						
90000		M			06	GENERAL ACTION TYPE SPECIFIED BY COMMENTS	25-OCT-99						
00322		M			TC	COMPLIANCE STATUS REPORT	04-JUN-08		MC	IN COMPLIANCE			
00316		M	7C	STATE/LOCAL NOV ISSUED	L1	NOV ISSUED BY STATE	26-APR-05		MV	IN VIOLATION			63.M
00313		0	8C	STATE/LOCAL ADMINISTRATIVE ORDER ISSUED	8C	STATE ADMINISTRATIVE ORDER	02-JUL-04	\$375					201.4
00310		0	PS	STATE/LOCAL PCE/ON-SITE	S8	INSPECTION BY STATE - LEVEL 2 OR GREATER	17-FEB-04		MC	IN COMPLIANCE			
00310		M	PS	STATE/LOCAL PCE/ON-SITE	S8	INSPECTION BY STATE - LEVEL 2 OR GREATER	17-FEB-04		MC	IN COMPLIANCE			
00309		M	2J	NOTIFICATION RECEIVED	TI	INITIAL NOTIFICATION REPORT	08-MAR-02		MV	IN VIOLATION			63.M
00303		0	7C	STATE/LOCAL NOV ISSUED	L1	NOV ISSUED BY STATE	25-JUN-02		MV	IN VIOLATION			201.4

<u>Action Number</u>	<u>Key Action Numbers</u>	<u>Air Program Codes</u>	<u>National Action Type</u>	<u>National Action Description</u>	<u>Action Type</u>	<u>Action Description</u>	<u>Date Achieved</u>	<u>Penalty Amount</u>	<u>Results Code</u>	<u>Results Code Description</u>	<u>Pollutant Code</u>	<u>Regional Data Element</u>	<u>Regional Data Element 16</u>
00302		M	2J	NOTIFICATION RECEIVED	TI	INITIAL NOTIFICATION REPORT	18-JUN-94		MC	IN COMPLIANCE			
00301		0	PS	STATE/LOCAL PCE/ON-SITE	S8	INSPECTION BY STATE - LEVEL 2 OR GREATER	23-FEB-01		MC	IN COMPLIANCE			
00301		M	PS	STATE/LOCAL PCE/ON-SITE	S8	INSPECTION BY STATE - LEVEL 2 OR GREATER	23-FEB-01		MC	IN COMPLIANCE			
00300		0	PS	STATE/LOCAL PCE/ON-SITE	S8	INSPECTION BY STATE - LEVEL 2 OR GREATER	23-FEB-00		MV	IN VIOLATION			201.4
00300		M	PS	STATE/LOCAL PCE/ON-SITE	S8	INSPECTION BY STATE - LEVEL 2 OR GREATER	23-FEB-00		MV	IN VIOLATION			201.4



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 ICIS-Air


Plant Information

SUN STATION #0007-3213
 3830 MERRICK RD
 SEAFORD, NY 11783
 EPA Plant ID: 110019822414

<u>Operating Status:</u>	O	<u>HPV Flag:</u>	
<u>Operating Status Description:</u>	OPERATING	<u>State Registration Number:</u>	
<u>State County Compliance Source:</u>	36059R3693	<u>Government Facility Code Description:</u>	PRIVATELY OWNED/OPERATED
<u>Region Code:</u>	02	<u>Class Code:</u>	B 
<u>Primary SIC Code:</u>	5541	<u>Class Code Description:</u>	POTENTIAL UNCONTROLLED EM 
<u>Primary SIC Description:</u>	GASOLINE SERVICE STATIONS	<u>Compliance Status:</u>	C 
<u>NAICS Code:</u>		<u>Compliance Status Description:</u>	IN COMPLIANCE WITH PROCED 
<u>NAICS Code Description:</u>		<u>Date Plant Information Last Updated:</u>	05/07/2014

Air Program Information

<u>Air Program Code</u>	<u>Air Program Description</u>	<u>Air Program Status</u>	<u>Air Program Status Description</u>	<u>Air Program Subpart</u>	<u>Air Program Subpart Description</u>	<u>Class Code</u>	<u>Class Code Description</u>	<u>Compliance Status</u>	<u>Compliance Status Description</u>
0	SIP	O	OPERATING			B	POTENTIAL UNCONTROLLED EM	C	IN COMPLIANCE WITH PROCED

Pollutant Data

<u>Air Program Code</u>	<u>Pollutant Code / CAS Number</u>	<u>Pollutant / CAS Description</u>	<u>Attain Indicator</u>	<u>Attain Indicator Description</u>	<u>Pollutant Compliance Status</u>	<u>ES Pollutant Compliance Description</u>	<u>Pollutant Class Code</u>	<u>Pollutant Class Description</u>
0	FACIL	FACILITY-WIDE PERMIT REQUIREMENTS	A	ATTAINMENT AREA FOR A GIV	C	IN COMPLIANCE WITH PROCED	B	POTENTIAL UNCONTROLLED EM

Compliance Monitoring Strategy

<u>CMS Start Date</u>	<u>FY2008 CMS Indicator</u>	<u>FY2008 CMS Indicator Description</u>	<u>FY2009 CMS Indicator</u>	<u>FY2009 CMS Indicator Description</u>

Plant Actions

<u>Action Number</u>	<u>Key Action Numbers</u>	<u>Air Program Codes</u>	<u>National Action Type</u>	<u>National Action Description</u>	<u>Action Type</u>	<u>Action Description</u>	<u>Date Achieved</u>	<u>Penalty Amount</u>	<u>Results Code</u>	<u>Results Code Description</u>	<u>Pollutant Code</u>	<u>Regional Data Element</u>	<u>Regional Data Element 16</u>
90000		0			06	GENERAL ACTION TYPE SPECIFIED BY COMMENTS	25-OCT-99						

Detailed Facility Report

Facility Summary

SEVENTH PRECINCT

MERRICK RD & NEPTUNE AVE, SEAFORD, NY 11783 ⓘ

FRS (Facility Registry Service) ID: 110064284313

EPA Region: 02

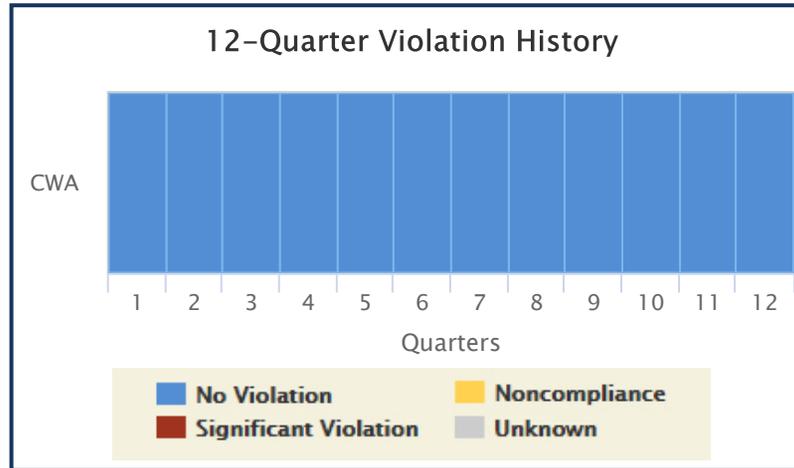
Latitude: 40.6595

Longitude: -73.493417

Locational Data Source: NPDES

Industry: Sanitary Services

Indian Country: N



Enforcement and Compliance Summary ⓘ

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs in NC (Noncompliance) (of 12)	Qtrs in Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
CWA	--	12/14/1990	No Violation	0	0	--	--	--	--	--

Related Reports

- [L CWA Pollutant Loading Report](#)
- [E CWA Effluent Charts](#)
- [X CWA Effluent Limit Exceedances Report](#)
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Regulatory Information

Clean Air Act (CAA): No Information
 Clean Water Act (CWA): Minor, Permit Admin Continued (NY0225363)
 Resource Conservation and Recovery Act (RCRA): No Information
 Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
 Greenhouse Gas Emissions (eGGRT): No Information
 Toxic Releases (TRI): No Information
 Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110064284313					N	40.6595	-73.493417
ICP	CWA	NY0225363	Minor: NPDES Individual Permit	Admin Continued		05/01/2006	N	40.665028	-73.496472

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110064284313	SEVENTH PRECINCT	MERRICK RD & NEPTUNE AVE, SEAFORD, NY 11783
ICP	CWA	NY0225363	SEVENTH PRECINCT	MERRICK RD & NEPTUNE AVE, SEAFORD, NY 11783

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Desc
ICP	NY0225363	4959	Sanitary Services

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
No data records returned						

Entries in italics are not considered inspections in official counts.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Description	Current As Of	Qtrs in NC (Noncompliance) (of 12)
CWA	NY0225363	No		03/31/2018	0

Three Year Compliance Status by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
	CWA (Source ID: NY0225363)	04/01-06/30/15	07/01-09/30/15	10/01-12/31/15	01/01-03/31/16	04/01-06/30/16	07/01-09/30/16	10/01-12/31/16	01/01-03/31/17	04/01-06/30/17	07/01-09/30/17	10/01-12/31/17	01/01-03/31/18	04/01-07/06/18
	Facility-Level Status	No Violation	Und											
	SNC (Significant Non-compliance)/RNC (Reportable Non-Compliance) History													

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
No data records returned														

Environmental Conditions

Water Quality

Permit ID	Combined Sewer System?	Number of CSO (Combined Sewer Overflow) Outfalls	12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Waterbody Name (ICIS (Integrated Compliance Information System))	Impaired Waters	Impaired Class	Causes of Impairment(s) by Group(s)	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
NY0225363			02030202020	Seaford Creek-South Oyster Bay	SEAMAN'S CK	No		NUTRIENTS OTHER CAUSE PATHOGENS	No

Waterbody Designated Uses

Reach Code	Waterbody Name	Exceptional Use	Recreational Use	Aquatic Life Use	Shellfish Use	Beach Closure Within Last Year	Beach Closure Within Last Two Years
0203020200052		No	Yes	Yes	No	No	No

Air Quality

Nonattainment Area?	Pollutant(s)	Applicable Nonattainment Standard(s)
Yes	Ozone	8-Hour Ozone (2008)

Nonattainment Area?	Pollutant(s)	Applicable Nonattainment Standard(s)
No	Lead	
Yes	Particulate Matter	PM-2.5 (1997), PM-2.5 (2006)
No	Sulfur Dioxide	

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Demographic Profile

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 US Census and American Community Survey data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table (LRT) when available.

Radius of Area:	3	Land Area:	75%	Households in Area:	38,725
Center Latitude:	40.6595	Water Area:	25%	Housing Units in Area:	39,599
Center Longitude:	-73.493417	Population Density:	5,471/sq.mi.	Households on Public Assistance:	291
Total Persons:	114,618	Percent Minority:	9%	Persons Below Poverty Level:	8,787

Race Breakdown	Persons (%)	Age Breakdown	Persons (%)
White:	109,087 (95%)	Child 5 years and younger:	6,016 (5%)
African-American:	861 (1%)	Minors 17 years and younger:	28,066 (24%)
Hispanic-Origin:	5,787 (5%)	Adults 18 years and older:	86,553 (76%)

Race Breakdown	Persons (%)	Age Breakdown	Persons (%)
Asian/Pacific Islander:	2,514 (2%)	Seniors 65 years and older:	17,085 (15%)
American Indian:	81 (0%)		
Other/Multiracial:	2,076 (2%)		

Education Level (Persons 25 & older)	Persons (%)	Income Breakdown	Households (%)
Less than 9th Grade:	1,761 (2.25%)	Less than \$15,000:	1,335 (3.5%)
9th through 12th Grade:	2,853 (3.64%)	\$15,000 - \$25,000:	1,724 (4.52%)
High School Diploma:	21,313 (27.2%)	\$25,000 - \$50,000:	4,423 (11.59%)
Some College/2-yr:	21,074 (26.89%)	\$50,000 - \$75,000:	4,832 (12.67%)
B.S./B.A. or More:	31,361 (40.02%)	Greater than \$75,000:	25,835 (67.72%)

Detailed Facility Report

Facility Summary

GARRETT AUTO SERVICE

3627 BAYVIEW ST, SEAFORD, NY 11783 ⓘ

FRS (Facility Registry Service) ID: 110004473463

EPA Region: 02

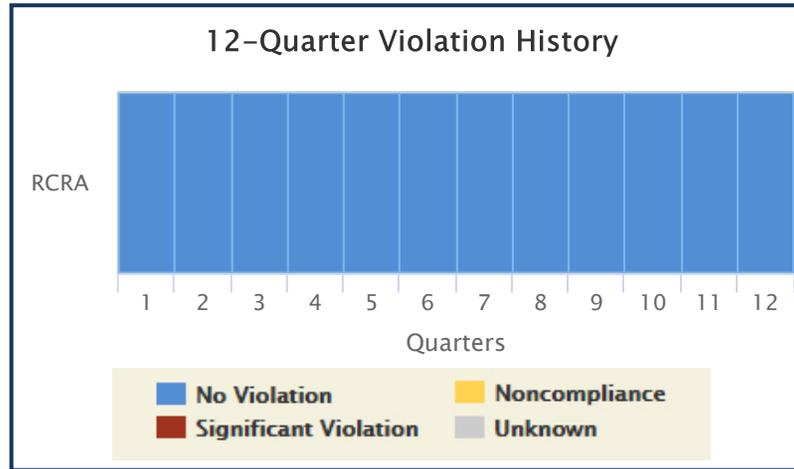
Latitude: 40.6583

Longitude: -73.496405

Locational Data Source: FRS

Industry: No description found

Indian Country: N



Enforcement and Compliance Summary ⓘ

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs in NC (Noncompliance) (of 12)	Qtrs in Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
RCRA	--	--	No Violation	0	0	--	--	--	--	--

Regulatory Information

Clean Air Act (CAA): No Information

Clean Water Act (CWA): No Information

Resource Conservation and Recovery Act (RCRA): Active (H)

CESQG (NYD986964286)

Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information

Greenhouse Gas Emissions (eGGRT): No Information

Toxic Releases (TRI): No Information

Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004473463					N	40.6583	-73.496405
RCR	RCRA	NYD986964286	CESQG	Active (H)			N	40.658327	-73.496398

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110004473463	GARRETT AUTO SERVICE	3627 BAYVIEW ST, SEAFORD, NY 11783
RCR	RCRA	NYD986964286	GARRETT AUTO SERVICE	3627 BAYVIEW ST, SEAFORD, NY 11783

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Desc
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
No data records returned						

Entries in italics are not considered inspections in official counts.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Description	Current As Of	Qtrs in NC (Noncompliance) (of 12)
RCRA	NYD986964286	No		07/07/2018	0

Three Year Compliance Status by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: NYD986964286)		07/01-09/30/15	10/01-12/31/15	01/01-03/31/16	04/01-06/30/16	07/01-09/30/16	10/01-12/31/16	01/01-03/31/17	04/01-06/30/17	07/01-09/30/17	10/01-12/31/17	01/01-03/31/18	04/01-06/30/18
RCRA	Facility-Level Status												

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
No data records returned														

Environmental Conditions

Water Quality

Permit ID	Combined Sewer System?	Number of CSO (Combined Sewer Overflow) Outfalls	12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Waterbody Name (ICIS (Integrated Compliance Information System))	Impaired Waters	Impaired Class	Causes of Impairment(s) by Watershed with FSA (Endangered Species Act)-listed Aquatic Species?
No data records returned								

Waterbody Designated Uses

Reach Code	Waterbody Name	Exceptional Use	Recreational Use	Aquatic Life Use	Shellfish Use	Beach Closure Within Last Year	Beach Closure Within Last Two Years
No data records returned							

Air Quality

Nonattainment Area?	Pollutant(s)	Applicable Nonattainment Standard(s)

Nonattainment Area?	Pollutant(s)	Applicable Nonattainment Standard(s)
Yes	Ozone	8-Hour Ozone (2008)
No	Lead	
Yes	Particulate Matter	PM-2.5 (1997), PM-2.5 (2006)
No	Sulfur Dioxide	

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Demographic Profile

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 US Census and American Community Survey data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table (LRT) when available.

Radius of Area:	3	Land Area:	74%	Households in Area:	38,250
Center Latitude:	40.6583	Water Area:	26%	Housing Units in Area:	39,124
Center Longitude:	-73.496405	Population Density:	5,425/sq.mi.	Households on Public Assistance:	286
Total Persons:	112,966	Percent Minority:	9%	Persons Below Poverty Level:	8,421

Race Breakdown	Persons (%)	Age Breakdown	Persons (%)
White:	107,380 (95%)	Child 5 years and younger:	5,929 (5%)
African-American:	872 (1%)	Minors 17 years and younger:	27,734 (25%)

Race Breakdown	Persons (%)	Age Breakdown	Persons (%)
Hispanic-Origin:	5,763 (5%)	Adults 18 years and older:	85,232 (75%)
Asian/Pacific Islander:	2,524 (2%)	Seniors 65 years and older:	16,653 (15%)
American Indian:	85 (0%)		
Other/Multiracial:	2,105 (2%)		

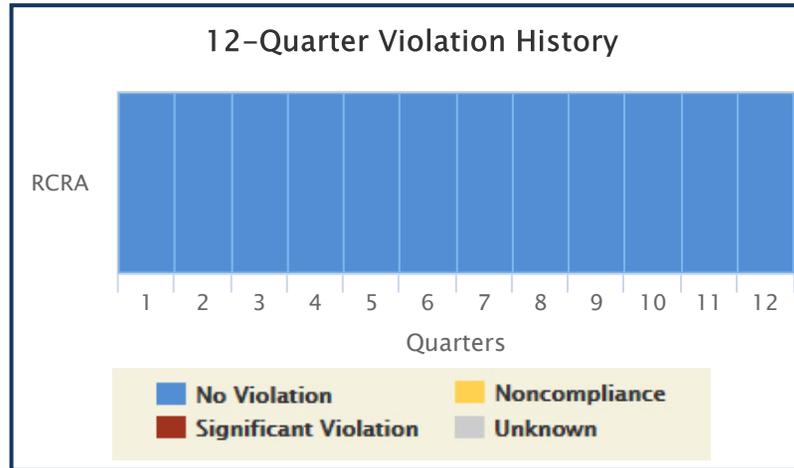
Education Level (Persons 25 & older)	Persons (%)	Income Breakdown	Households (%)
Less than 9th Grade:	1,705 (2.21%)	Less than \$15,000:	1,290 (3.43%)
9th through 12th Grade:	2,776 (3.6%)	\$15,000 - \$25,000:	1,681 (4.47%)
High School Diploma:	20,680 (26.82%)	\$25,000 - \$50,000:	4,299 (11.43%)
Some College/2-yr:	20,434 (26.5%)	\$50,000 - \$75,000:	4,798 (12.76%)
B.S./B.A. or More:	31,519 (40.87%)	Greater than \$75,000:	25,546 (67.92%)

Detailed Facility Report

Facility Summary

ZUCHELLI & JOHNSON ADVERTISING INC
2873 OCEAN AVE, SEAFORD, NY 11783 ⓘ

FRS (Facility Registry Service) ID: 110004421803
 EPA Region: 02
 Latitude: 40.648631
 Longitude: -73.497423
 Locational Data Source: FRS
 Industry: No description found
 Indian Country: N



Enforcement and Compliance Summary ⓘ

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs in NC (Noncompliance) (of 12)	Qtrs in Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
RCRA	--	--	No Violation	0	0	--	--	--	--	--

Regulatory Information

Clean Air Act (CAA): No Information
 Clean Water Act (CWA): No Information
 Resource Conservation and Recovery Act (RCRA): Inactive () Other (NYD982532376)
 Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
 Greenhouse Gas Emissions (eGGRT): No Information
 Toxic Releases (TRI): No Information
 Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110004421803					N	40.648631	-73.497423
RCR	RCRA	NYD982532376	Other	Inactive ()			N	40.64872	-73.497412

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110004421803	ZUCHELLI & JOHNSON ADVERTISING INC	2873 OCEAN AVE, SEAFORD, NY 11783
RCR	RCRA	NYD982532376	ZUCHELLI & JOHNSON ADVERTISING INC	2873 OCEAN AVE, SEAFORD, NY 11783-3455

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Desc
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Inspection Type	Lead Agency	Date	Finding
No data records returned						

Entries in italics are not considered inspections in official counts.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Description	Current As Of	Qtrs in NC (Noncompliance) (of 12)
RCRA	NYD982532376	No		07/07/2018	0

Three Year Compliance Status by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: NYD982532376)		07/01-09/30/15	10/01-12/31/15	01/01-03/31/16	04/01-06/30/16	07/01-09/30/16	10/01-12/31/16	01/01-03/31/17	04/01-06/30/17	07/01-09/30/17	10/01-12/31/17	01/01-03/31/18	04/01-06/30/18
RCRA	Facility-Level Status												

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty	State/Local Penalty	SEP Cost	Comp Action Cost
No data records returned														

Environmental Conditions

Water Quality

Permit ID	Combined Sewer System?	Number of CSO (Combined Sewer Overflow) Outfalls	12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Waterbody Name (ICIS (Integrated Compliance Information System))	Impaired Waters	Impaired Class	Causes of Impairment(s) by Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
No data records returned								

Waterbody Designated Uses

Reach Code	Waterbody Name	Exceptional Use	Recreational Use	Aquatic Life Use	Shellfish Use	Beach Closure Within Last Year	Beach Closure Within Last Two Years
No data records returned							

Air Quality

Nonattainment Area?	Pollutant(s)	Applicable Nonattainment Standard(s)

Nonattainment Area?	Pollutant(s)	Applicable Nonattainment Standard(s)
Yes	Ozone	8-Hour Ozone (2008)
No	Lead	
Yes	Particulate Matter	PM-2.5 (1997), PM-2.5 (2006)
No	Sulfur Dioxide	

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Releases
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Demographic Profile

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 US Census and American Community Survey data, and are accurate to the extent that the facility latitude and longitude listed below are correct. The latitude and longitude are obtained from the EPA Locational Reference Table (LRT) when available.

Radius of Area:	3	Land Area:	64%	Households in Area:	29,746
Center Latitude:	40.648631	Water Area:	36%	Housing Units in Area:	30,452
Center Longitude:	-73.497423	Population Density:	4,839/sq.mi.	Households on Public Assistance:	219
Total Persons:	88,319	Percent Minority:	9%	Persons Below Poverty Level:	6,255

Race Breakdown	Persons (%)	Age Breakdown	Persons (%)
White:	84,128 (95%)	Child 5 years and younger:	4,559 (5%)
African-American:	583 (1%)	Minors 17 years and younger:	21,927 (25%)

Race Breakdown	Persons (%)	Age Breakdown	Persons (%)
Hispanic-Origin:	4,290 (5%)	Adults 18 years and older:	66,392 (75%)
Asian/Pacific Islander:	1,927 (2%)	Seniors 65 years and older:	12,618 (14%)
American Indian:	64 (0%)		
Other/Multiracial:	1,617 (2%)		

Education Level (Persons 25 & older)	Persons (%)	Income Breakdown	Households (%)
Less than 9th Grade:	1,254 (2.09%)	Less than \$15,000:	915 (3.12%)
9th through 12th Grade:	2,019 (3.36%)	\$15,000 - \$25,000:	1,323 (4.51%)
High School Diploma:	15,727 (26.2%)	\$25,000 - \$50,000:	3,099 (10.57%)
Some College/2-yr:	15,425 (25.7%)	\$50,000 - \$75,000:	3,516 (11.99%)
B.S./B.A. or More:	25,591 (42.64%)	Greater than \$75,000:	20,462 (69.8%)



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Results are based on data extracted on JUN-17-2018

Note: You are viewing results from the modernized data system, Integrated Compliance Information System (ICIS). The state reporting this data to EPA previously reported the data to a historic data system, Permit Compliance following button to view the historic data from PCS. **Run a PCS Search**

Facility

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
<u>STREET 1</u>	3726 OCEAN AVE	<u>SIC CODE</u>	4493 = Marinas
<u>CITY</u>		<u>MAJOR / MINOR</u>	
<u>COUNTY NAME</u>	Nassau	<u>TYPE OF OWNERSHIP</u>	Corporation
<u>STATE</u>	NY	<u>ACTIVITY STATUS</u>	Expired
<u>ZIP CODE</u>	11783	<u>INACTIVE DATE</u>	
<u>REGION</u>	Region 2	<u>TYPE OF PERMIT ISSUED</u>	General Permit Covered Facility
<u>LATITUDE</u>	+40.648	<u>ORIGINAL PERMIT ISSUE DATE</u>	27-DEC-2006
<u>LONGITUDE</u>	-73.492	<u>PERMIT ISSUED DATE</u>	28-SEP-2012
<u>LAT/LON CODE OF ACCURACY</u>	5	<u>PERMIT EXPIRED DATE</u>	30-SEP-2017
<u>LAT/LON METHOD</u>	Interpolation-Map		
<u>LAT/LON SCALE</u>	24000	<u>USGS HYDRO BASIN CODE</u>	
<u>LAT/LON DATUM</u>	NAD83	<u>FLOW</u>	
<u>RECEIVING WATERS</u>	ISLAND CREEK	<u>FEDERAL GRANT IND</u>	
<u>PRETREATMENT CODE</u>		<u>SLUDGE CLASS FAC IND</u>	NON-POTW
<u>MAILING NAME</u>		<u>SLUDGE RELATED PERMIT NUM</u>	
<u>MAILING STREET (1)</u>		<u>ANNUAL DRY SLUDGE PROD</u>	
<u>MAILING STREET (2)</u>			
<u>MAILING CITY</u>			
<u>MAILING STATE</u>			
<u>MAILING ZIP CODE</u>			
<u>COGNIZANT OFFICIAL</u>		<u>COGNIZANT OFFICIAL TEL</u>	

Activity

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
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<u>ACTIVITY NAME</u>	<u>ACTIVITY TYPE DESCRIPTION</u>	<u>ACTIVITY STATUS DESCRIPTION</u>	<u>ACTIVITY STATUS DATE</u>	<u>ACTUAL BEGIN DATE</u>	<u>ACTUAL END DATE</u>
	Permit	Active	08-MAR-2013		
	Permit	Active	08-MAR-2013		
	Permit	Active	18-MAY-2009		

	Permit	Active	18-MAY-2009		
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Contacts

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
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No Contacts Found.

Permit Tracking

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
<u>PERMIT ISSUED BY</u>	NYSDEC	<u>ORIGINAL DATE OF ISSUE</u>	27-DEC-2006
<u>PERMIT ISSUED DATE</u>	28-SEP-2012	<u>PERMIT EXPIRED DATE</u>	30-SEP-2017
<u>EFFECTIVE DATE</u>	02-FEB-2013	<u>RETIREMENT DATE</u>	

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
<u>PERMIT ISSUED BY</u>	NYSDEC	<u>ORIGINAL DATE OF ISSUE</u>	27-DEC-2006
<u>PERMIT ISSUED DATE</u>	27-DEC-2006	<u>PERMIT EXPIRED DATE</u>	31-MAR-2012
<u>EFFECTIVE DATE</u>	01-APR-2007	<u>RETIREMENT DATE</u>	01-FEB-2013

Permit Tracking Events:

<u>EVENT DESCRIPTION</u>	<u>EVENT DATE</u>
Permit Expiration	30-SEP-2017
Application/NOI Reviewed	08-MAR-2013
Permit Effective	02-FEB-2013
Permit Retired	01-FEB-2013
Permit Issued	28-SEP-2012
Permit Reissued	28-SEP-2012
Permit Continued	01-APR-2012
Permit Expiration	31-MAR-2012
Application/NOI Received	27-MAR-2009
Application/NOI Received	27-MAR-2009
Permit Effective	01-APR-2007
Permit Issued	27-DEC-2006

Inspections

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
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No Inspections Found.

Outfalls/Pipe Schedules

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
<u>OUTFALL TYPE</u>	External Outfall	<u>PIPE NUMBER</u>	001
<u>ACTIVITY STATUS</u>	A	<u>REPORT DESIGNATOR</u>	A
<u>LATITUDE</u>		<u>LONGITUDE</u>	
<u>LAT/LON ACCURACY</u>		<u>LAT/LON METHOD</u>	
<u>LAT/LON SCALE</u>		<u>LAT/LON DATUM</u>	
<u>INACTIVE DATE</u>		<u>USGS HYDRO BASIN CODE</u>	
<u>INIT DMR DUE DATE</u>	31-MAR-10	<u>SUBMISSION UNITS</u>	Monthly
<u>PIPE DESCRIPTION</u>		<u>UNITS IN SUBM. PERIOD</u>	
<u>INIT REPORTING DATE</u>	01-JAN-09	<u>REPORTING UNITS</u>	Monthly
<u>UNITS IN REPORTING PERIOD</u>		<u>DMR COMMENT</u>	Water Transportation Facilities (SIC 4412-4499)

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
<u>OUTFALL TYPE</u>	External Outfall	<u>PIPE NUMBER</u>	001
<u>ACTIVITY STATUS</u>	A	<u>REPORT DESIGNATOR</u>	A
<u>LATITUDE</u>		<u>LONGITUDE</u>	
<u>LAT/LON ACCURACY</u>		<u>LAT/LON METHOD</u>	
<u>LAT/LON SCALE</u>		<u>LAT/LON DATUM</u>	
<u>INACTIVE DATE</u>		<u>USGS HYDRO BASIN CODE</u>	
<u>INIT DMR DUE DATE</u>	28-FEB-14	<u>SUBMISSION UNITS</u>	Monthly
<u>PIPE DESCRIPTION</u>		<u>UNITS IN SUBM. PERIOD</u>	
<u>INIT REPORTING DATE</u>	01-JAN-13	<u>REPORTING UNITS</u>	Monthly
<u>UNITS IN REPORTING PERIOD</u>		<u>DMR COMMENT</u>	Water Transportation Facilities (SIC 4412-4499)

Limits Report

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
<u>PIPE NUMBER</u>	001		
<u>PIPE DESCRIPTION</u>		<u>REPORT DESIGNATOR</u>	A
<u>DMR COMMENT</u>	Water Transportation Facilities (SIC 4412-4499)	<u>LIMIT SET TYPE</u>	Scheduled

<u>LIMIT TYPE DESCRIPTION</u>	<u>PARAMETER DESCRIPTION</u>	<u>MONITORING LOCATION</u>	<u>SEASON NUM</u>	<u>LIMIT BEGIN DATE</u>	<u>LIMIT END DATE</u>	<u>CHANGE OF LIMIT STATUS</u>	<u>STAY TYPE DESCRIPTION</u>	<u>DOCKE NUMBE</u>
Alert	Aluminum, total recoverable	Effluent Gross	0	02-FEB-2013	30-SEP-2017			
Alert	Iron, total recoverable	Effluent Gross	0	02-FEB-2013	30-SEP-2017			
Alert	Lead, total recoverable	Effluent Gross	0	02-FEB-2013	30-SEP-2017			
Alert	Zinc, total recoverable	Effluent Gross	0	02-FEB-2013	30-SEP-2017			

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
<u>PIPE NUMBER</u>	001		
<u>PIPE DESCRIPTION</u>		<u>REPORT DESIGNATOR</u>	A
<u>DMR COMMENT</u>	Water Transportation Facilities (SIC 4412-4499)	<u>LIMIT SET TYPE</u>	Scheduled

<u>LIMIT TYPE DESCRIPTION</u>	<u>PARAMETER DESCRIPTION</u>	<u>MONITORING LOCATION</u>	<u>SEASON NUM</u>	<u>LIMIT BEGIN DATE</u>	<u>LIMIT END DATE</u>	<u>CHANGE OF LIMIT STATUS</u>	<u>STAY TYPE DESCRIPTION</u>	<u>DOCKE NUMBE</u>
Alert	Aluminum, total recoverable	Effluent Gross	0	01-APR-2007	31-MAR-2012			
Alert	Iron, total recoverable	Effluent Gross	0	01-APR-2007	31-MAR-2012			
Alert	Lead, total recoverable	Effluent Gross	0	01-APR-2007	31-MAR-2012			
Alert	Zinc, total recoverable	Effluent Gross	0	01-APR-2007	31-MAR-2012			

Measurements and Violations

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
<u>LIMIT TYPE</u>	Alert	<u>PIPE NUMBER</u>	001
<u>SEASON NUM</u>	0	<u>REPORT DESIGNATOR</u>	A
<u>PARAMETER CODE</u>	Aluminum, total recoverable	<u>MONITORING LOCATION</u>	Effluent Gross

<u>MONITORING PERIOD END DATE</u>	<u>DMR VALUE DESCRIPTOR</u>	<u>DMR VALUE</u>	<u>DMR UNIT</u>	<u>LIMIT VALUE</u>	<u>LIMIT VALUE DESCRIPTOR</u>	<u>UNIT DESCRIPTION</u>	<u>DISCHARGE IND</u>	<u>MEASUREMENT VIOLATION DESCRIPTION</u>	<u>RNC DETECTION DESCRIPTION</u>	<u>RNC DETECTION DATE</u>	<u>RNC RESOLUTION DESCRIPTION</u>	<u>RNC RESOLUTION DATE</u>	<u>SAMP/ TYPI DESCRIP</u>
31-DEC-2012	Equals	1.59											
31-DEC-2011	Equals	1460											
31-DEC-2010	Equals	112											
31-DEC-2009	Equals	844											

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
<u>LIMIT TYPE</u>	Alert	<u>PIPE NUMBER</u>	001
<u>SEASON NUM</u>	0	<u>REPORT DESIGNATOR</u>	A
<u>PARAMETER CODE</u>	Aluminum, total recoverable	<u>MONITORING LOCATION</u>	Effluent Gross

<u>MONITORING PERIOD END DATE</u>	<u>DMR VALUE DESCRIPTOR</u>	<u>DMR VALUE</u>	<u>DMR UNIT</u>	<u>LIMIT VALUE</u>	<u>LIMIT VALUE DESCRIPTOR</u>	<u>UNIT DESCRIPTION</u>	<u>DISCHARGE IND</u>	<u>MEASUREMENT VIOLATION DESCRIPTION</u>	<u>RNC DETECTION DESCRIPTION</u>	<u>RNC DETECTION DATE</u>	<u>RNC RESOLUTION DESCRIPTION</u>	<u>RNC RESOLUTION DATE</u>	<u>SAMP TYPI DESCRIP</u>
31-DEC-2017	Equals	950											
31-DEC-2016	Equals	508											
31-DEC-2015	Equals	74											
31-DEC-2014	Less Than	200											
31-DEC-2013	Equals	1410											

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
<u>LIMIT TYPE</u>	Alert	<u>PIPE NUMBER</u>	001
<u>SEASON NUM</u>	0	<u>REPORT DESIGNATOR</u>	A
<u>PARAMETER CODE</u>	Iron, total recoverable	<u>MONITORING LOCATION</u>	Effluent Gross

<u>MONITORING PERIOD END DATE</u>	<u>DMR VALUE DESCRIPTOR</u>	<u>DMR VALUE</u>	<u>DMR UNIT</u>	<u>LIMIT VALUE</u>	<u>LIMIT VALUE DESCRIPTOR</u>	<u>UNIT DESCRIPTION</u>	<u>DISCHARGE IND</u>	<u>MEASUREMENT VIOLATION DESCRIPTION</u>	<u>RNC DETECTION DESCRIPTION</u>	<u>RNC DETECTION DATE</u>	<u>RNC RESOLUTION DESCRIPTION</u>	<u>RNC RESOLUTION DATE</u>	<u>SAMP TYPI DESCRIP</u>
31-DEC-2012	Equals	1.96											
31-DEC-2011	Equals	1.97											
31-DEC-2010	Equals	.327											
31-DEC-2009	Equals	1.69											

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
<u>LIMIT TYPE</u>	Alert	<u>PIPE NUMBER</u>	001
<u>SEASON NUM</u>	0	<u>REPORT DESIGNATOR</u>	A
<u>PARAMETER CODE</u>	Iron, total recoverable	<u>MONITORING LOCATION</u>	Effluent Gross

<u>MONITORING PERIOD END DATE</u>	<u>DMR VALUE DESCRIPTOR</u>	<u>DMR VALUE</u>	<u>DMR UNIT</u>	<u>LIMIT VALUE</u>	<u>LIMIT VALUE DESCRIPTOR</u>	<u>UNIT DESCRIPTION</u>	<u>DISCHARGE IND</u>	<u>MEASUREMENT VIOLATION DESCRIPTION</u>	<u>RNC DETECTION DESCRIPTION</u>	<u>RNC DETECTION DATE</u>	<u>RNC RESOLUTION DESCRIPTION</u>	<u>RNC RESOLUTION DATE</u>	<u>SAMP TYPI DESCRIP</u>
31-DEC-2017	Equals	1.4											
31-DEC-2016	Equals	.923											
31-DEC-2015	Equals	.24											
31-DEC-2014	Equals	.57											
31-DEC-2013	Equals	1.87											

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
<u>LIMIT TYPE</u>	Alert	<u>PIPE NUMBER</u>	001
<u>SEASON NUM</u>	0	<u>REPORT DESIGNATOR</u>	A
<u>PARAMETER CODE</u>	Lead, total recoverable	<u>MONITORING LOCATION</u>	Effluent Gross

<u>MONITORING PERIOD END DATE</u>	<u>DMR VALUE DESCRIPTOR</u>	<u>DMR VALUE</u>	<u>DMR UNIT</u>	<u>LIMIT VALUE</u>	<u>LIMIT VALUE DESCRIPTOR</u>	<u>UNIT DESCRIPTION</u>	<u>DISCHARGE IND</u>	<u>MEASUREMENT VIOLATION DESCRIPTION</u>	<u>RNC DETECTION DESCRIPTION</u>	<u>RNC DETECTION DATE</u>	<u>RNC RESOLUTION DESCRIPTION</u>	<u>RNC RESOLUTION DATE</u>	<u>SAMP/ TYPI DESCRIP</u>
31-DEC-2012	Less Than	.04											
31-DEC-2011	Equals	40											
31-DEC-2010	Less Than	40											
31-DEC-2009	Equals	22											

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
<u>LIMIT TYPE</u>	Alert	<u>PIPE NUMBER</u>	001
<u>SEASON NUM</u>	0	<u>REPORT DESIGNATOR</u>	A
<u>PARAMETER CODE</u>	Lead, total recoverable	<u>MONITORING LOCATION</u>	Effluent Gross

<u>MONITORING PERIOD END DATE</u>	<u>DMR VALUE DESCRIPTOR</u>	<u>DMR VALUE</u>	<u>DMR UNIT</u>	<u>LIMIT VALUE</u>	<u>LIMIT VALUE DESCRIPTOR</u>	<u>UNIT DESCRIPTION</u>	<u>DISCHARGE IND</u>	<u>MEASUREMENT VIOLATION DESCRIPTION</u>	<u>RNC DETECTION DESCRIPTION</u>	<u>RNC DETECTION DATE</u>	<u>RNC RESOLUTION DESCRIPTION</u>	<u>RNC RESOLUTION DATE</u>	<u>SAMP/ TYPI DESCRIP</u>
31-DEC-2017	Equals	51.8											
31-DEC-2016	Equals	5.9											
31-DEC-2015	Equals	8.9											
31-DEC-2014	Equals	47											
31-DEC-2013	Equals	41											

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
<u>LIMIT TYPE</u>	Alert	<u>PIPE NUMBER</u>	001
<u>SEASON NUM</u>	0	<u>REPORT DESIGNATOR</u>	A
<u>PARAMETER CODE</u>	Zinc, total recoverable	<u>MONITORING LOCATION</u>	Effluent Gross

<u>MONITORING PERIOD END DATE</u>	<u>DMR VALUE DESCRIPTOR</u>	<u>DMR VALUE</u>	<u>DMR UNIT</u>	<u>LIMIT VALUE</u>	<u>LIMIT VALUE DESCRIPTOR</u>	<u>UNIT DESCRIPTION</u>	<u>DISCHARGE IND</u>	<u>MEASUREMENT VIOLATION DESCRIPTION</u>	<u>RNC DETECTION DESCRIPTION</u>	<u>RNC DETECTION DATE</u>	<u>RNC RESOLUTION DESCRIPTION</u>	<u>RNC RESOLUTION DATE</u>	<u>SAMP/ TYPI DESCRIP</u>
31-DEC-2012	Equals	.295											
31-DEC-2011	Equals	34.4											
31-DEC-2010	Equals	36											
31-DEC-2009	Equals	952											

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
<u>LIMIT TYPE</u>	Alert	<u>PIPE NUMBER</u>	001
<u>SEASON NUM</u>	0	<u>REPORT DESIGNATOR</u>	A
<u>PARAMETER CODE</u>	Zinc, total recoverable	<u>MONITORING LOCATION</u>	Effluent Gross

<u>MONITORING PERIOD END DATE</u>	<u>DMR VALUE DESCRIPTOR</u>	<u>DMR VALUE</u>	<u>DMR UNIT</u>	<u>LIMIT VALUE</u>	<u>LIMIT VALUE DESCRIPTOR</u>	<u>UNIT DESCRIPTION</u>	<u>DISCHARGE IND</u>	<u>MEASUREMENT VIOLATION DESCRIPTION</u>	<u>RNC DETECTION DESCRIPTION</u>	<u>RNC DETECTION DATE</u>	<u>RNC RESOLUTION DESCRIPTION</u>	<u>RNC RESOLUTION DATE</u>	<u>SAMP TYPE/ DESCRIP</u>
31-DEC-2017	Equals	.51											
31-DEC-2016	Equals	75.5											
31-DEC-2015	Equals	22											
31-DEC-2014	Equals	170											
31-DEC-2013	Equals	309											

Compliance Schedules and Violations

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
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Compliance Schedule Events

<u>SCHEDULE NUMBER</u>	<u>DATA SOURCE</u>	<u>EVENT DESCRIPTION</u>	<u>ACTUAL DATE</u>	<u>SCHEDULED DATE</u>	<u>RECEIVED DATE</u>
1400014800	1400045090	Status/Progress Report	07-FEB-11	31-MAR-11	07-FEB-11
1400014801	1400045090	Status/Progress Report	09-JAN-12	31-MAR-12	09-JAN-12
1400014802	1400045090	Status/Progress Report	08-MAR-10	31-MAR-10	08-MAR-10
3000032448	1400045090	Status/Progress Report	29-JUL-13	31-MAR-13	29-JUL-13
3400034004	3400079191	Status/Progress Report	20-JAN-15	28-FEB-15	20-JAN-15
3400034005	3400079191	Status/Progress Report	16-DEC-13	28-FEB-14	16-DEC-13
3400034006	3400079191	Status/Progress Report	09-JAN-17	28-FEB-17	09-JAN-17
3400034007	3400079191	Status/Progress Report	25-JAN-16	29-FEB-16	25-JAN-16
3600010436	3400079191	Corrective Action Plan	28-JUL-14	31-JUL-14	28-JUL-14
3600204419	3400079191	Corrective Action Plan	05-AUG-15	31-JUL-15	05-AUG-15
3600279822	3400079191	Status/Progress Report	03-JAN-18	28-FEB-18	03-JAN-18

Compliance Schedule Violations

<u>SCHEDULE NUMBER</u>	<u>DATA SOURCE</u>	<u>VIOLATION</u>	<u>RNC DETECTION CODE</u>	<u>RNC DETECTION DATE</u>	<u>RNC RESOLUTION CODE</u>	<u>RNC RESOLUTION DATE</u>
	1400045090	DMR, Limited - Overdue	Non-receipt Violation, Non-Monthly Average	01-MAY-2013	RE - Back into Compliance	29-JUL-2013

Pretreatment Inspections/Audits

<u>FACILITY NAME (1)</u>	ALHAMBRA MARINE REPAIRS INC	<u>NPDES</u>	NYR00E320
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No ICIS Pretreatment Inspections Found.

Pretreatment Performance Summary

FACILITY NAME (1)	ALHAMBRA MARINE REPAIRS INC	NPDES	NYR00E320
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No ICIS Pretreatment Performance Summary Information Found.

Note: You are viewing results from the modernized data system, Integrated Compliance Information System (ICIS). The state reporting this data to EPA previously reported the data to a historic data system, Permit Compliance following button to view the historic data from PCS. **Run a PCS Search**



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ICIS



ICIS Detailed Reports

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Results are based on data extracted on JUN-17-2018

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Facility

<u>FACILITY NAME (1)</u>	TREASURE ISLAND MARINA	<u>NPDES</u>	NYR00F999
<u>STREET 1</u>	2880 OCEAN AVE	<u>SIC CODE</u>	4493 = Marinas
<u>CITY</u>		<u>MAJOR / MINOR</u>	
<u>COUNTY NAME</u>	Nassau	<u>TYPE OF OWNERSHIP</u>	Corporation
<u>STATE</u>	NY	<u>ACTIVITY STATUS</u>	Effective
<u>ZIP CODE</u>	11783	<u>INACTIVE DATE</u>	

<u>REGION</u>	Region 2	<u>TYPE OF PERMIT ISSUED</u>	General Permit Covered Facility
<u>LATITUDE</u>	40.648946	<u>ORIGINAL PERMIT ISSUE DATE</u>	28-SEP-2012
<u>LONGITUDE</u>	-73.497916	<u>PERMIT ISSUED DATE</u>	28-SEP-2012
<u>LAT/LON CODE OF ACCURACY</u>	5	<u>PERMIT EXPIRED DATE</u>	29-OCT-2022
<u>LAT/LON METHOD</u>	Interpolation-Map		
<u>LAT/LON SCALE</u>	24000	<u>USGS HYDRO BASIN CODE</u>	
<u>LAT/LON DATUM</u>	NAD83	<u>FLOW</u>	
<u>RECEIVING WATERS</u>		<u>FEDERAL GRANT IND</u>	
<u>PRETREATMENT CODE</u>		<u>SLUDGE CLASS FAC IND</u>	NON-POTW
<u>MAILING NAME</u>		<u>SLUDGE RELATED PERMIT NUM</u>	
<u>MAILING STREET (1)</u>		<u>ANNUAL DRY SLUDGE PROD</u>	
<u>MAILING STREET (2)</u>			
<u>MAILING CITY</u>			
<u>MAILING STATE</u>			
<u>MAILING ZIP CODE</u>			
<u>COGNIZANT OFFICIAL</u>		<u>COGNIZANT OFFICIAL TEL</u>	

Activity

<u>FACILITY NAME (1)</u>	TREASURE ISLAND MARINA	<u>NPDES</u>	NYR00F999
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<u>ACTIVITY NAME</u>	<u>ACTIVITY TYPE DESCRIPTION</u>	<u>ACTIVITY STATUS DESCRIPTION</u>	<u>ACTIVITY STATUS DATE</u>	<u>ACTUAL BEGIN DATE</u>	<u>ACTUAL END DATE</u>
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	Permit	Active	17-NOV-2017		
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Contacts

<u>FACILITY NAME (1)</u>	TREASURE ISLAND MARINA	<u>NPDES</u>	NYR00F999
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No Contacts Found.

Permit Tracking

<u>FACILITY NAME (1)</u>	TREASURE ISLAND MARINA	<u>NPDES</u>	NYR00F999
<u>PERMIT ISSUED BY</u>	NYSDEC	<u>ORIGINAL DATE OF ISSUE</u>	28-SEP-2012
<u>PERMIT ISSUED DATE</u>	28-SEP-2012	<u>PERMIT EXPIRED DATE</u>	29-OCT-2022
<u>EFFECTIVE DATE</u>	30-OCT-2017	<u>RETIREMENT DATE</u>	

Permit Tracking Events:

<u>EVENT DESCRIPTION</u>	<u>EVENT DATE</u>
Permit Expiration	29-OCT-2022
Application/NOI Reviewed	17-NOV-2017
Permit Effective	30-OCT-2017
Application/NOI Received	30-OCT-2017
Permit Issued	28-SEP-2012

Inspections

<u>FACILITY NAME (1)</u>	TREASURE ISLAND MARINA	<u>NPDES</u>	NYR00F999
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No Inspections Found.

Outfalls/Pipe Schedules

<u>FACILITY NAME (1)</u>	TREASURE ISLAND MARINA	<u>NPDES</u>	NYR00F999
<u>OUTFALL TYPE</u>		<u>PIPE NUMBER</u>	
<u>ACTIVITY STATUS</u>		<u>REPORT DESIGNATOR</u>	
<u>LATITUDE</u>		<u>LONGITUDE</u>	
<u>LAT/LON ACCURACY</u>		<u>LAT/LON METHOD</u>	
<u>LAT/LON SCALE</u>		<u>LAT/LON DATUM</u>	
<u>INACTIVE DATE</u>		<u>USGS HYDRO BASIN CODE</u>	
<u>INIT DMR DUE DATE</u>		<u>SUBMISSION UNITS</u>	
<u>PIPE DESCRIPTION</u>		<u>UNITS IN SUBM. PERIOD</u>	
<u>INIT REPORTING DATE</u>		<u>REPORTING UNITS</u>	
<u>UNITS IN REPORTING PERIOD</u>		<u>DMR COMMENT</u>	

Limits Report

<u>FACILITY NAME (1)</u>	TREASURE ISLAND MARINA	<u>NPDES</u>	NYR00F999
<u>PIPE NUMBER</u>			
<u>PIPE DESCRIPTION</u>		<u>REPORT DESIGNATOR</u>	

<u>DMR COMMENT</u>		<u>LIMIT SET TYPE</u>	
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No ICIS Limits Report Found.

Measurements and Violations

<u>FACILITY NAME (1)</u>	TREASURE ISLAND MARINA	<u>NPDES</u>	NYR00F999
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No ICIS Measurements Information Found.

Compliance Schedules and Violations

<u>FACILITY NAME (1)</u>	TREASURE ISLAND MARINA	<u>NPDES</u>	NYR00F999
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No Compliance Schedules Found.

Pretreatment Inspections/Audits

<u>FACILITY NAME (1)</u>	TREASURE ISLAND MARINA	<u>NPDES</u>	NYR00F999
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No ICIS Pretreatment Inspections Found.

Pretreatment Performance Summary

<u>FACILITY NAME (1)</u>	TREASURE ISLAND MARINA	<u>NPDES</u>	NYR00F999
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No ICIS Pretreatment Performance Summary Information Found.

Note: You are viewing results from the modernized data system, Integrated Compliance Information System (ICIS). The state reporting this data to EPA previously reported the data to a historic data system, Permit Compliance System (PCS). Use the following button to view the historic data from PCS. **Run a PCS Search**