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 all permits that apply:  
     - [ ] Stream Disturbance
     - [ ] Excavation and Fill in Navigable Waters
     - [ ] Docks, Moorings or Platforms
     - [ ] Dams and Impoundment Structures
   Check here to confirm you sent this form to NYSDEC.
   - [ ] Tidal Wetlands
   - [ ] 401 Water Quality Certification
   - [ ] Freshwater Wetlands
   - [ ] Wild, Scenic and Recreational Rivers
   - [ ] Coastal Erosion Management
   - [ ] Water Withdrawal
   - [ ] Long Island Well
   - [ ] Incidental Take of Endangered / Threatened Species

   >US Army Corps of Engineers
     Check here to confirm you sent this form to USACE.
     - [ ] 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:  
     - [ ] NWP 3 - MAINTENANCE
     - [ ] NWP 19 - MINOR DREDGING
   Preconstruction Notification:  
     - [ ] Yes
     - [ ] No

   >NYS Office of General Services
     Check here to confirm you sent this form to NYSOGS.
     - [ ] 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.
     - [ ] Coastal Consistency Concurrence

2. Name of Applicant
   MR. DONALD SIGNORELLI
   Taxpayer ID (if applicant is NOT an individual)
   Mailing Address
   101 WEST SHORE ROAD DRIVE
   Post Office / City
   Email DON@NPMGROUP.COM
   Telephone (516) 322-0311
   Applicant Must be (check all that apply):  
     - [ ] Owner
     - [ ] Operator
     - [ ] Lessee
   State NY
   Zip 11758

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: 

JOINT APPLICATION FORM 08/16  
Page 1 of 4
4. Name of Contact / Agent

MR. ADON AUSTIN

Mailing Address
RISING TIDE WATERFRONT SOLUTIONS
486 SUNRISE HIGHWAY, SUITE 102

Post Office / City
State Zip
ROCKVILLE CENTRE NY 11570

Telephone (516) 595-3483 Email AMAUSTIN@RT-WS.COM

5. Project / Facility Name

Property Tax Map Section / Block / Lot Number:
BULKHEAD RECONSTRUCTION & DOCK INSTALLATION | EVANS RESIDENCE
SECTION 66 | BLOCK 93 | LOT 66

Project Street Address, if applicable
101 WEST SHORE DRIVE

Post Office / City
Massapequa
State NY Zip 11758

Provide directions and distances to roads, intersections, bridges and bodies of water
PROJECT IS LOCATED IN THE VILLAGE OF MASSAPEQUA, IN THE TOWN OF OYSTER BAY, IN NASSAU COUNTY, NY. THE PROJECT SITE IS APPROXIMATELY 1.2 MILES SOUTH OF SUNRISE AND 3.4 MILES EAST OF THE WANTAUGH PARKWAY.

☑️ Town 🆑 Village ☐ City County
OYSTER BAY NASSAU

Stream/Waterbody Name
UNQUA RIVER

Project Location Coordinates: Enter Latitude and Longitude in degrees, minutes, seconds:

Latitude: 40° 39' 41.06" N
Longitude: -73° 0' 26" W

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:

REPLACE EROSION PROTECTION STRUCTURE AND INSTALL HEAD DOCK, FLOATING DOCK, AND BOAT LIFT TO MAINTAIN SHORELINE RESILIENCY AND ALLOW SAFE ACCESS TO RECREATIONAL BOATING ACTIVITIES.

b. Description of current site conditions:

(A) 108 LF TIMBER BULKHEAD WITH REFacing.

c. Proposed site changes:

(A) RECONSTRUCT 108 LF TIMBER BULKHEAD IN PLACE WITH VINYL SHEET PILE AND ELEVATED 1/8 IN; (B) INSTALL HEAD DOCK (20X6 FT = 120 SF); (C) INSTALL FLOATING DOCK (20X6 FT = 120 SF); (D) INSTALL BOAT LIFT; (E) INSTALL GANGWAY; (F) DREDGE 10 FT SEAWARD OF THE BULKHEAD TO A DEPTH OF 4 FT BELOW THE MLW ELEVATION TO BE USED AS BACKFILL FOR BULKHEAD.

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.):

NET COVERAGE AND FILL: (A) BULKHEAD (0.0 SF | 0.0 CY); (B) HEAD DOCK (160 SF | 0.0 CY); (C) FLOATING DOCK (120 SF | 0.0 CY); (D) BOAT LIFT (0.0 SF | 0.0 CY); (E) GANGWAY (0.0 SF | 0.0 CY). TOTAL = (280 SF | 0.0 CY).

e. Area of excavation or dredging, volume of material to be removed, location of dredged material placement:

PROPOSED ACTION INCLUDES 1080 SF AND NO MORE THAN 25 CY OF DREDGING TO BE REUSED ON SITE AS BACKFILL FOR PROPOSED BULKHEAD.

f. Is tree cutting or clearing proposed? ☑️ Yes  If Yes, explain below. ☐ No

Timing of the proposed cutting or clearing (month/year): N/A

Number of trees to be cut: N/A Acreage of area to be cleared: N/A
g. Work methods and type of equipment to be used:
ALL CONSTRUCTION WILL BE STAGED FROM THE ADJACENT SHORELINE LANDWARD OF THE EXISTING BULKHEAD OR FROM A WORK BARGE TEMPORARILY MOORED ON SITE. ANTICIPATED EQUIPMENT INCLUDES CRANE(S), EXCAVATOR AND/OR LOADER.

h. Describe the planned sequence of activities:
(1) RECONSTRUCT BULKHEAD; (2) DREDGE; (3) PLACE DREDGE AS BACKFILL; (4) INSTALL HEAD DOCK, FLOATING DOCK, GANGWAY, AND BOAT LIFT.

i. Pollution control methods and other actions proposed to mitigate environmental impacts:
CONTRACTOR SHALL: (A) INSTALL HAYBALES TO PROTECT TIDAL VEGETATION; (B) UTILIZE BARGES THAT REMAIN 3 FT FROM MUDBANK AT ALL TIMES; (C) STORE MATERIALS AND EQUIPMENT LANDWARD OF THE MHW ELEVATION; (D) UTILIZE DIESEL EQUIPMENT WILL USE ULSD AND DIESEL PARTICULATE FILTERS (DPF) WHENEVER AVAILABLE; (E) TAKE CARE TO MINIMIZE IDLING OF MACHINERY ON SITE.

j. Erosion and silt control methods that will be used to prevent water quality impacts:
PROPER EROSION CONTROL METHODS SUCH AS STAKED HAY BALES FOR THE SURROUNDING VEGETATION AND DEPRIS BOOMS SHALL BE IN PLACE DURING DREDGING AND CONSTRUCTION.

k. Alternatives considered to avoid regulated areas. If no feasible alternatives exist, explain how the project will minimize impacts:
NO FEASIBLE ALTERNATIVE EXISTS. THE BULKHEAD MUST BE REPLACED TO PROTECT AGAINST EROSION AND PROPERTY LOSS DURING FUTURE STORM EVENTS. WATERFRONT DOCKS ARE REQUIRED TO ALLOW SAFE ACCESS TO RECREATIONAL WATERFRONT ACTIVITIES.

l. Proposed use: [✓] Private [ ] Public [ ] Commercial

m. Proposed Start Date: SPRING 2019 Estimated Completion Date: SUMMER 2019

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

p. List any previous DEC, USACE, OGS or DOS Permit / Application numbers for activities at this location:
NONE DISCOVERED.

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 whomsoever 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

Applicant Must be (check all that apply):

☑ Owner
☐ Operator
☐ Lessee

Printed Name
MR. DONALD SIGNORELLI

Title
APPLICANT

Date
20 DEC 2018

Signature of Owner (if different than Applicant)

Printed Name

Title

Date

Signature of Contact/Agent

Printed Name
MR. ADON AUSTIN

Title
PRINCIPAL DIRECTOR

Date
20 DEC 2018

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
PERMISSION TO INSPECT PROPERTY

By signing this permission form for submission with an application for a permit(s) to the Department of Environmental Conservation ("DEC"), the signer consents to inspection by DEC staff of the project site or facility for which a permit is sought and, to the extent necessary, areas adjacent to the project site or facility. This consent allows DEC staff to enter upon and pass through such property in order to inspect the project site or facility, without prior notice, between the hours of 7:00 a.m. and 7:00 p.m., Monday through Friday. If DEC staff should wish to conduct an inspection at any other times, DEC staff will so notify the applicant and will obtain a separate consent for such an inspection.

Inspections may take place as part of the application review prior to a decision to grant or deny the permit(s) sought. By signing this consent form, the signer agrees that this consent remains in effect as long as the application is pending, and is effective regardless of whether the signer, applicant or an agent is present at the time of the inspection. In the event that the project site or facility is posted with any form of "posted" or "keep out" notices, or fenced in with an unlocked gate, this permission authorizes DEC staff to disregard such notices or unlocked gates at the time of inspection.

The signer further agrees that during an inspection, DEC staff may, among other things, take measurements, may analyze physical characteristics of the site including, but not limited to, soils and vegetation (taking samples for analysis), and may make drawings and take photographs.

Failure to grant consent for an inspection is grounds for, and may result in, denial of the permit(s) sought by the application.

Permission is granted for inspection of property located at the following address(es):

101 WEST SHORE ROAD DRIVE

MASSAPEQUA, NEW YORK, 11768

By signing this form, I affirm under penalty of perjury that I am authorized to give consent to entry by DEC staff as described above. I understand that false statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.*

MR. DONALD SIGNORELLI

Print Name and Title

Signature

20 DECEMBER 2018

Date

*The signer of this form must be an individual or authorized representative of a legal entity that:
  • owns fee title and is in possession of the property identified above;
  • maintains possessory interest in the property through a lease, rental agreement or other legally binding agreement; or
  • is provided permission to act on behalf of an individual or legal entity possessing fee title or other possessory interest in the property for the purpose of consenting to inspection of such property.
WATERFRONT IMPROVEMENT
101 WEST SHORE DRIVE
MASSAPEQUA, NY 11758
20 DECEMBER 2018

LOCATION MAP

PROJECT INFORMATION

LOCATION
PRIVATE RESIDENCE OF MR. DONALD SIGNORELLI, 101 WEST SHORE DRIVE, IN THE TOWN OF OYSTER BAY, NASSAU COUNTY, NEW YORK ALONG UNGA RIVER.

PROJECT NOTIFICATION
COMMENCEMENT NOTIFICATION TO REGULATORY AGENCY SHALL BE SUBMITTED, AS REQUIRED, BY SELECTED CONTRACTOR PRIOR TO THE START OF WORK.

GENERAL CONTACT INFORMATION
RISING TIDE WATERFRONT SOLUTIONS, PLLC
486 SUNRISE HIGHWAY, SUITE 102
ROCKVILLE CENTRE, NY 11570
PHONE: 516-595-3483
EMAIL: CONTACT@RT-WS.COM

DEFINITION(S)

AUTHORITY: MR. DONALD SIGNORELLI
ENGINEER: RISING TIDE WATERFRONT SOLUTIONS, PLLC
CONTRACTOR: TO BE DETERMINED

SKETCH INDEX

SK-1 TITLE SHEET & LOCATION MAP
SK-2 FACILITY PLAN
SK-3 BULKHEAD SECTION & DETAILS

SCHEDULE 1-A: OVER-WATER COVERAGE ADDITION/REMOVAL

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QUANTITY (SF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADDITION(S)</td>
<td>+0.00</td>
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<tr>
<td>DEMO/REMOVAL</td>
<td>-0.00</td>
</tr>
<tr>
<td>NET ADD/REMOVAL</td>
<td>±0.00</td>
</tr>
</tbody>
</table>

SCHEDULE 1-B: TIDAL AREA CUT/FILL

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QUANTITY (CY)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>PRE-EVENT</td>
</tr>
<tr>
<td></td>
<td>MHW</td>
</tr>
<tr>
<td>FILL</td>
<td>±0.00</td>
</tr>
<tr>
<td>CUT</td>
<td>±0.00</td>
</tr>
<tr>
<td>NET CUT/FILL</td>
<td>±0.00</td>
</tr>
</tbody>
</table>

PROJECT DESCRIPTION

REMOVE AND REPLACE 108 LINEAR FEET OF FUNCTIONING AND LAWFULLY EXISTING BULKHEAD, INCLUDING RETURNS AND PARALLEL CAPPING BOARDWALKS, WITHIN THE LITTORAL ZONE (DEF: 6 NYCCR PART 661) IN-PLACE (WITHOUT SEAWARD EXPANSION). THE REPLACEMENT BULKHEAD SHALL BE 18-INCHES HIGHER THAN THE EXISTING BULKHEAD. PROJECT INCLUDES MAINTENANCE DREDGING TEN (10) FT SEAWARD OF THE BULKHEAD TO ADEPTH OF 4 FT BELOW THE MEAN LOW WATER ELEVATION. PROJECT ALSO INCLUDES INSTALLATION OF A 20X8 HEAD DOCK, 20X6 FLOATING DOCK, BOAT LIFT, ACCESSギャングWAY AND MOORING PILES.

SCHEDULE 1-C: TIDAL CHART ELEVATION(S)

<table>
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<tr>
<th>POSITION</th>
<th>MLW</th>
<th>NAVD88</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>MHWS</td>
<td>+2.4</td>
<td>+1.3</td>
<td>MEAN HIGH WATER SPRING</td>
</tr>
<tr>
<td>MHHS</td>
<td>+2.3</td>
<td>+1.2</td>
<td>MEAN HIGHER HIGH WATER</td>
</tr>
<tr>
<td>MHW</td>
<td>+2.1</td>
<td>+1.0</td>
<td>MEAN HIGH WATER</td>
</tr>
<tr>
<td>MSL</td>
<td>+1.0</td>
<td>-0.1</td>
<td>MEAN SEA LEVEL</td>
</tr>
<tr>
<td>MLW</td>
<td>±0.0</td>
<td>-1.1</td>
<td>MEAN LOW WATER</td>
</tr>
<tr>
<td>MLLW</td>
<td>±0.1</td>
<td>-1.2</td>
<td>MEAN LOWER LOW WATER</td>
</tr>
</tbody>
</table>

SK-1

PROJECT NO. P18214.00
DRAWN BY JMK
CHECKED BY AMA
MAMMAPEQUA, NY UNQUA RIVER NASSAU COUNTY

Rising Tide | Waterfront Solutions
486 SUNRISE HIGHWAY, SUITE 102
ROCKVILLE CENTRE, NEW YORK 11570

DATE 12/20/18
REVISON NO. A

SHEET TITLE SHEET & LOCATION MAP
1. FILL: All fill will be clean free draining free of contaminants and regulated wastes including construction debris that is sourced from NYS DEC approved site.

2. BULKHEAD ELEVATION: T/PROPOSED BULKHEAD TO BE RAISED 18 INCHES HIGHER THAN EXISTING T/BULKHEAD ELEVATION.
### Lift Specs & Requirements

<table>
<thead>
<tr>
<th>Lift Capacity</th>
<th>Alum. Tracks</th>
<th>Alum. Carriage &amp; Arms</th>
<th>Galv. Tracks</th>
<th>Galv. Carriage &amp; Arms</th>
<th>Carpeted #1 PT Boards</th>
</tr>
</thead>
<tbody>
<tr>
<td>4,000 LBS</td>
<td>7' I-Beam</td>
<td>7' I-Beam</td>
<td>6' WF-Beam</td>
<td>6' WF-Beam</td>
<td>3' X 10' X 12'</td>
</tr>
<tr>
<td>8,000 LBS</td>
<td>8' I-Beam</td>
<td>8' I-Beam</td>
<td>6' WF-Beam</td>
<td>8' WF-Beam</td>
<td>3' X 10' X 12'</td>
</tr>
<tr>
<td>12,000 LBS</td>
<td>9' I-Beam</td>
<td>9' I-Beam</td>
<td>6' WF-Beam</td>
<td>10' WF-Beam</td>
<td>3' X 12' X 12'</td>
</tr>
<tr>
<td>14,000 LBS</td>
<td>10' I-Beam</td>
<td>10' I-Beam</td>
<td>6' WF-Beam</td>
<td>10' WF-Beam</td>
<td>3' X 12' X 14'</td>
</tr>
<tr>
<td>16,000 LBS</td>
<td>10' I-Beam</td>
<td>10' I-Beam</td>
<td>8' WF-Beam</td>
<td>12' WF-Beam</td>
<td>3' X 12' X 16'</td>
</tr>
</tbody>
</table>

**Note:** Piles to be placed on angle as required by lift manufacturer.
PHOTO 1: Overall image of the existing bulkhead south west.
Photo Date: 19 December 2018

PHOTO 2: Close up of image along face of existing bulkhead looking to the south.
Photo Date: 19 December 2018
PHOTO 3: Closeup image of the existing bulkhead and capping looking to the south.
Photo Date: 15 December 2018

PHOTO 4: Image along northeast face of the existing bulkhead looking to the north.
Photo Date: 19 December 2018
Short Environmental Assessment Form
Part 1 - Project Information

Instructions for Completing

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

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

<table>
<thead>
<tr>
<th>Part 1 - Project and Sponsor Information</th>
</tr>
</thead>
</table>

Name of Action or Project:
BULKHEAD RECONSTRUCTION & DOCK INSTALLATION | EVANS RESIDENCE

Project Location (describe, and attach a location map):
PROJECT IS LOCATED IN THE VILLAGE OF MASSAPEQUA, IN THE TOWN OF OYSTER BAY, IN NASSAU COUNTY, NY. THE PROJECT SITE IS APPROXIMATELY 1.2 MILES SOUTH OF SUNRISE AND 3.4 MILES EAST OF THE WANTAUGH PARKWAY.

Brief Description of Proposed Action:
(A) RECONSTRUCT 108 LF TIMBER BULKHEAD IN-PLACE WITH VINYL SHEET PILE AND ELEVATED 18 IN; (B) INSTALL HEAD DOCK (20X8 FT = 160 SF); (C) INSTALL FLOATING DOCK (20X6 FT = 120 SF); (D) INSTALL BOAT LIFT; (E) INSTALL GANGWAY; (F) DREDGE 10 FT SEAWARD OF THE BULKHEAD TO A DEPTH OF 4 FT BELOW THE MLW ELEVATION TO BE USED AS BACKFILL FOR BULKHEAD.

Name of Applicant or Sponsor:
MR. DONALD SIGNORELLI

Telephone: (516) 322-0311
E-Mail: DON@NPMGROUP.COM

Address:
101 WEST SHORE ROAD DRIVE

City/PO:
MASSAPEQUA

State: NY
Zip Code: 11758

1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule, or regulation?
If Yes, attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If no, continue to question 2.

2. Does the proposed action require a permit, approval or funding from any other governmental Agency?
If Yes, list agency(s) name and permit or approval:
USACE, NYS DOS, NYS DEC, NYS OGS

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

0.3 acres
< 0.1 acres
0.3 acres

4. Check all land uses that occur on, adjoining and near the proposed action.
- Urban
- Rural (non-agriculture)
- Industrial
- Commercial
- Residential (suburban)
- Forest
- Agriculture
- Aquatic
- Other (specify):
5. Is the proposed action,  
   a. A permitted use under the zoning regulations?  
      □ NO  □ YES  □ N/A  
   b. Consistent with the adopted comprehensive plan?  
      □ NO  □ YES  □ N/A  

6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?  
   □ NO  □ YES  □ N/A  

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

8. a. Will the proposed action result in a substantial increase in traffic above present levels?  
      □ NO  □ YES  □ N/A  
   b. Are public transportation service(s) available at or near the site of the proposed action?  
      □ NO  □ YES  □ N/A  
   c. Are any pedestrian accommodations or bicycle routes available on or near site of the proposed action?  
      □ NO  □ YES  □ N/A  

9. Does the proposed action meet or exceed the state energy code requirements?  
   If the proposed action will exceed requirements, describe design features and technologies:  
   NOT APPLICABLE FOR THE PROPOSED ACTION  
   □ NO  □ YES  □ N/A  

10. Will the proposed action connect to an existing public/private water supply?  
    If No, describe method for providing potable water:  
    NOT APPLICABLE FOR THE PROPOSED ACTION  
    □ NO  □ YES  □ N/A  

11. Will the proposed action connect to existing wastewater utilities?  
    If No, describe method for providing wastewater treatment:  
    NOT APPLICABLE FOR THE PROPOSED ACTION  
    □ NO  □ YES  □ N/A  

12. a. Does the site contain a structure that is listed on either the State or National Register of Historic Places?  
    □ NO  □ YES  □ N/A  
   b. Is the proposed action located in an archeological sensitive area?  
    □ NO  □ YES  □ N/A  

13. a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain  
    wetlands or other waterbodies regulated by a federal, state or local agency?  
    □ NO  □ YES  □ N/A  
   b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?  
   If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres:  
   PROPOSED ACTION INCLUDE INSTALLATION OF 280 SF OF FLOATING DOCKS ALONG THE UNIQUE RIVER.  
   □ NO  □ YES  □ N/A  

14. Identify the typical habitat types that occur on, or are likely to be found on the project site. Check all that apply:  
    □ Shoreline  □ Forest  □ Agricultural/grasslands  □ Early mid-successional  
    □ Wetland  □ Urban  □ Suburban  

15. Does the site of the proposed action contain any species of animal, or associated habitats, listed  
    by the State or Federal government as threatened or endangered?  
    □ NO  □ YES  □ N/A  

16. Is the project site located in the 100 year flood plain?  
    □ NO  □ YES  □ N/A  

17. Will the proposed action create storm water discharge, either from point or non-point sources?  
    If Yes,  
    a. Will storm water discharges flow to adjacent properties?  
       □ NO  □ YES  
    b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)?  
       □ NO  □ YES  

Page 2 of 3
<table>
<thead>
<tr>
<th>Question</th>
<th>NO</th>
<th>YES</th>
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<tbody>
<tr>
<td>18. Does the proposed action include construction or other activities</td>
<td></td>
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<tr>
<td>that result in the impoundment of water or other liquids (e.g. retention</td>
<td></td>
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<tr>
<td>pond, waste lagoon, dam)?</td>
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<tr>
<td>If Yes, explain purpose and size:</td>
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<td></td>
<td>✔️</td>
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<tr>
<td>19. Has the site of the proposed action or an adjoining property</td>
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<td>been the location of an active or closed solid waste management</td>
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<tr>
<td>facility?</td>
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<tr>
<td>If Yes, describe:</td>
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<td></td>
<td>✔️</td>
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<td>20. Has the site of the proposed action or an adjoining property</td>
<td></td>
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<td>been the subject of remediation (ongoing or completed) for hazardous</td>
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<td>waste?</td>
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<td>If Yes, describe:</td>
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</tbody>
</table>

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

Applicant/sponsor name: ADON M. AUSTIN, PE
Date: 20 DECEMBER 2018

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

Part 1 / Question 7 [Critical Environmental Area]  No
Part 1 / Question 12a [National Register of Historic Places]  No
Part 1 / Question 12b [Archeological Sites]  Yes
Part 1 / Question 13a [Wetlands or Other Regulated Waterbodies]  Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
Part 1 / Question 15 [Threatened or Endangered Animal]  No
Part 1 / Question 16 [100 Year Flood Plain]  Yes
Part 1 / Question 20 [Remediation Site]  No
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: MR. DONALD SIGORELLI
2. Address: 101 WEST SHORE ROAD DRIVE, MASSAPEQUA, NY 11758
3. Telephone: Area Code ( 516 )322-0311

B. PROPOSED ACTIVITY:

1. Brief description of activity:
   (A) RECONSTRUCT 108 LF TIMBER BULKHEAD IN-PLACE WITH VINYL SHEET PILE AND ELEVATED 18 IN; (B) INSTALL HEAD DOCK (20X6 FT = 120 SF); (C) INSTALL FLOATING DOCK (20X6 FT = 120 SF); (D) INSTALL BOAT LIFT; (E) INSTALL GANGWAY; (F) DREDGE 10 FT SEAWARD OF THE BULKHEAD TO A DEPTH OF 4 FT BELOW THE MLW ELEVATION TO BE USED AS BACKFILL FOR BULKHEAD.

2. Purpose of activity:
   REPLACE EROSION PROTECTION STRUCTURE AND INSTALL HEAD DOCK, FLOATING DOCK, AND BOAT LIFT TO MAINTAIN SHORELINE RESILIENCY AND ALLOW SAFE ACCESS TO RECREATIONAL BOATING ACTIVITIES.

3. Location of activity:

   | NASSAU County | OYSTER BAY City, Town, or Village | 101 WEST SHORE ROAD DRIVE Street or Site Description |

4. Type of federal permit/license required: SECT 404 CLEAN WATER ACT / SECT 10 RIVERS & HARBORS ACT

5. Federal application number, if known: UNKNOWN

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:
   NYSNOS, NYSDEC, & NYSGS - UNKNOWN
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: RISING TIDE WATERFRONT SOLUTION | ADON AUSTIN, PE

Address: 486 SUNRISE HIGHWAY, SUITE 102, ROCKVILLE CENTRE, NY 11570

Telephone: Area Code ( ) (516) 595-3483

Applicant/Agent's Signature: [Signature] Date: 20 DECEMBER 2018

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.
ENVIRONMENTAL QUESTIONNAIRE

This is intended to supplement ENG Form 4345, Application for Department of the Army Permit, or the Joint Application for Permit used in the State of New York. Please provide complete answers to all questions below which are relevant to your project. Any answers may be continued on separate sheet(s) of paper to be attached to this form.

PRIVACY ACT STATEMENT

The purpose of this form is to provide the Corps of Engineers with basic information regarding your project. This information will be used to facilitate evaluation of your permit application and for public dissemination as required by regulation. Failure to provide complete information may result in your application being declared incomplete for processing, thereby delaying processing of your application.

GENERAL--APPLICABLE TO ALL PROJECTS

1. Explain the need for, and purpose of, the proposed work.

REPLACE EROSION PROTECTION STRUCTURE AND INSTALL HEAD DOCK, FLOATING DOCK, AND BOAT LIFT TO MAINTAIN SHORELINE RESILIENCY AND ALLOW SAFE ACCESS TO RECREATIONAL BOATING ACTIVITIES.

2. Provide the names and addresses of property owners adjacent to your work site (if not shown on the application form or project drawings).

SEE ATTACHED PLANS.

(Please note that depending upon the nature and extent of your project, you may be requested to provide the names and addresses of additional property owners proximate to your project site to ensure proper coordination.)

3. Photographs of the project site should be submitted. For projects in tidal areas, photographs of the waterway vicinity should be taken at low tide. Using a separate copy of your plan view, indicate the location and direction of each photograph as well as the date and time at which the photograph was taken. Provide a sufficient number of photographs so as to provide a clear understanding of conditions on and proximate to your project site.

4. Provide a copy of any environmental impact statement, or any other environmental report which was prepared for your project.
5. Provide a thorough discussion of alternatives to your proposal. This discussion should include, but not necessarily be limited to, the "no action" alternative and alternative(s) resulting in less disturbance to waters of the United States. For filling projects in waters of the United States, including wetlands, your alternatives discussion should demonstrate that there are no practicable alternatives to your proposed filling and that your project meets with current mitigation policy (i.e. avoidance, minimization and compensation).

(1) NO ACTION: NO ACTION WOULD RESULT IN POSSIBLE FUTURE FAILURE OF THE PROPOSED EROSION PROTECTION STRUCTURE CAUSING SIGNIFICANT LAND EROSION. IN ADDITION, WITHOUT DOCKS THE APPLICANT’S ACCESS TO THE WATERWAY FOR WATER-DEPENDENT RECREATIONAL ACTIVITIES IS INHIBITED.

(2) RECONSTRUCT AND IMPROVE WATERFRONT FACILITIES: THE PROPOSED WORK ENSURES STORM RESILIENCY AND SAFE SEASONAL ACCESS DURING WATER-DEPENDENT RECREATIONAL ACTIVITIES.

DREDGING PROJECTS

Answer the following if your project involves dredging.

1. Indicate the estimated volume of material to be dredged and the depth (below mean low water) to which dredging would occur. Would there be overdepth dredging?

DREDGING: FACILITY SHALL BE DREDGED TO 4 FT BELOW MLW TO A MAXIMUM OF 25 CY. DREDGE SPOILS SHALL REMAIN ON SITE AND PLACED LANDWARD OF THE PROPOSED BULKHEAD.

2. You can apply for a ten-year permit for maintenance dredging. If you wish to apply for a ten-year permit, please provide the number of additional dredging events during the ten-year life of the permit and the amount of material to be removed during future events.

DREDGING: A 10-YEAR PERMIT FOR MAINTENANCE DREDGING IS NOT BEING REQUESTED.

3. Indicate of your drawings the dewatering area (if applicable) and disposal site for the dredged material (except landfill sites). Submit a sufficient number of photographs of the dewatering and disposal sites as applicable so as to provide a clear indication of existing conditions. For ten-year maintenance dredging permits, indicate the dewatering/disposal sites for future dredging events, if known.

4. Describe the method of dredging (i.e. clamshell, dragline, etc.) and the expected duration of dredging.

DREDGING: CLAMSHELL. SIDECASTING SHALL BE STRICTLY PROHIBITED.

5. Indicate the physical nature of the material to be dredged (i.e. sand, silt, clay, etc.) and provide estimated percentages of the various constituents if available. For beach nourishment projects, grain size analysis data is required.

(RESPONSE ON NEXT PAGE)
6. Describe the method of dredged material containment (i.e. hay bales, embankment, bulkhead, etc.) and whether return flow from the dewatering/disposal site would reenter any waterway. Also indicate if there would be any barge overflow.

DREDGING: DREDGE SPOILS SHALL REMAIN ON SITE AND PLACED LANDWARD OF THE PROPOSED BULKHEAD.

MOORING FACILITIES

Answer the following if your project includes the construction or rehabilitation of recreational mooring facilities.

1. It is generally recommended that any fixed piers and walk ramps be limited to four feet in width, and that floats be limited to eight feet in width and rest at least two feet above the waterway bottom at mean low water. Terminal floats at private, non-commercial facilities should be limited to 20 feet in length. If you do not believe your proposal can meet with these recommendations, please provide the reason(s).

MOORING FACILITIES: THE PROPOSED ACTION MEETS THESE RECOMMENDATIONS.

2. Using your plan view, show to scale the location(s), position(s) and size(s) (including length, beam and draft) of vessel(s) to be moored at the proposed facility, including those of transient vessel(s) if known.

MOORING FACILITIES: SEE PLANS.

3. For commercial mooring sites such as marinas, indicate the capacity of the facility and indicate on the plan view the location(s) of any proposed fueling and/or sewage pumpout facilities. If pumpout facilities are not planned, please discuss the rationale below and indicate the distance to the nearest available pumpout station.

MOORING FACILITIES: THE PROPOSED ACTION OCCURS AT A RESIDENTIAL SITE.

4. Indicate on your plan view the distance to adjacent marine structures, if any are proximate and show the locations and dimensions of such structures.

MOORING FACILITIES: SEE PLANS.
5. Discuss the need for wave protection at the proposed facility. Please be advised that if a permit is issued, you would be required to recognize that the mooring facility may be subject to wave action from wakes of passing vessels, whose operations would not be required to be modified. Issuance of a permit would not relieve you of ensuring the integrity of the authorized structure(s) and the United States would not be held responsible for damages to the structure(s) and vessel(s) moored thereto from wakes from passing vessels.

MOORING FACILITIES: THE PROPOSED ACTION OCCURS ALONG A WATERWAY WITH RESTRICTED WAKES. WAVE PROTECTION IS NOT REQUIRED.

BULKHEADING/BANK STABILIZATION/FILLING ACTIVITIES

Answer the following if your project includes construction of bulkheading (also retaining walls and seawalls) with backfill, filling of waters/wetlands, or any other bank stabilization fills such as riprap, revetments, gabions, etc.

1. Indicate the total volume of fill (including backfill behind a structure such as a bulkhead) as well as the volume of fill to be placed into waters of the United States. The amount of fill in waters of the United States can be determined by calculating the amount of fill to be placed below the plane of spring high tide in tidal areas and below ordinary high water in non-tidal areas.

FILLING ACTIVITY: THE PROPOSED ACTIVITY DOES NOT INCLUDE THE PLACEMENT OF FILL BELOW THE MEAN HIGH WATER ELEVATION INTO THE WATERS OF THE UNITED STATES.

2. Indicate the source(s) and type(s) of fill material.

FILLING ACTIVITY: THE PROPOSED ACTIVITY DOES NOT INCLUDE THE PLACEMENT OF FILL BELOW THE MEAN HIGH WATER ELEVATION.

3. Indicate the method of fill placement (i.e. by hand, bulldozer, crane, etc.). Would any temporary fills be required in waterways or wetlands to provide access for construction equipment? If so, please indicate the area of such waters and/or wetlands to be filled, and show on the plan and sectional views.

FILLING ACTIVITY: THE PROPOSED ACTIVITY DOES NOT INCLUDE THE PLACEMENT OF FILL.
Rising Tide | Waterfront Solutions

08 February 2019

Re: Application for Joint Permit | Bulkhead Reconstruction & Dock Installation (Signorelli) Massapequa, NY

Rising Tide Waterfront Solutions – An Engineering Company (Rising Tide) is retained as the Agent to the Applicant for the below waterfront permit applications. As such, Rising Tide Waterfront Solutions has prepared the following response to the received request(s) for additional information, which are attached to this letter.

The Applicant is seeking authorization to:
RECONSTRUCT 108 LF TIMBER BULKHEAD IN-PLACE WITH VINYL SHEET PILE AND ELEVATED 18 INCHES; INSTALL HEAD DOCK (20X8 FT = 160 SF); INSTALL FLOATING DOCK (20X6 FT = 120 SF); INSTALL BOAT LIFT; INSTALL ACCESS GANGWAY; AND DREDGE 10 FT SEAWARD OF THE BULKHEAD TO A DEPTH OF 4 FT BELOW THE MLW ELEVATION (25 CY MAX) AT ISOLATED LOCATIONS AS ILLUSTRATED ON THE PLANS. DREDGED MATERIAL SHALL REMAIN ON-SITE AND PLACED LANDWARD OF THE BULKHEAD.

NYS DEPARTMENT OF ENVIRONMENTAL CONSERVATION (I-2824-03320/00001)

1. Site Plan SK-2:
   a. Show and label the dimensions and outline of the proposed dredge area.
   b. Show and label the existing water depths referenced to mean low water within the proposed dredge area and on all sides of the proposed floating docks.
   c. Show and label the limits of backfill/disturbance and indicate the amount of dredge material in cubic yards.
   d. Relocate proposed mooring pile(s) to be a minimum of 10 feet from any property boundary including extended property boundaries.
   e. Correct the sale listed to 1"=30'-0".
   f. Submit 4 copies of the revised site plan.

Response: Please see the updated Site Plan SK-2 and Lands Underwater – MLW SK-5.1 for your review.

2. Section SK-3
   a. Show and label reconstruction of the existing timber deck.
   b. Indicate the amount of dredge material in cubic yards.
   c. Please add the proposed gangway and floating docks including their dimensions to this section. The proposed dock structures must be shown in relation to the water depth, bottom grade. Perhaps you may need to rotate the plan to a landscape view instead of a portrait to fit the proposed dock structures on the plan. Please note, section views do not need to be drawn to scale but must show all dimensions and distances.
d. Please submit 4 copies of the revised section and additional section of proposed dock structures (if necessary). Thank you.

Response: Please see the updated Section SK-3 and Floating Dock Details SK-3.1 for your review.

Please feel free to contact us with any additional questions regarding the proposed actions by electronic mail address to amaustin@rt-ws.com or telephone at (516) 595-3483.

Kindest Regards,
Rising Tide Waterfront Solutions – An Engineering Company, PLLC

Adon Austin, PE – Principal Director
New York State Department of Environmental Conservation
Notice of Incomplete Application - This is NOT a Permit

Application ID: 1-2824-03320/00001
Batch Number: 838617

Facility: SIGORELLI PROPERTY
101 W SHORE DR
MASSAPEQUA, NY 11758

Contact: RISING TIDE WATERFRONT SOLUTIONS - AN ENGINEERING COMPANY, PLLC
C/O ADON AUSTIN
486 SUNRISE HWY STE 102
ROCKVILLE CENTRE, NY 11570

Permit(s) Applied for
1 - Section 401 - Clean Water Act Water Quality Certification
1 - Article 25 Tidal Wetlands
1 - Article 15 Title 5 Excavation & Fill in Navigable Waters

Project Location: in OYSTER BAY in NASSAU COUNTY

Your application for Permit is incomplete. The following items are required:

Revisions and additions to the project plans are required. Please also see the enclosed photocopies of the project plans with our notes on them.

Site Plan SK-2
1. Show and label the dimensions and outline of the proposed dredge area.
2. Show and label the existing water depths referenced to mean low water within the proposed dredge area and on all sides of the proposed floating docks.
3. Show and label the limits of backfill/disturbance and indicate the amount of dredge material in cubic yards.
4. Relocate proposed mooring pile(s) to be a minimum of 10 feet from any property boundary including extended property boundaries.
5. Correct the scale listed to 1"=30'-0".
Submit 4 copies of the revised site plan.

Section SK-3
1. Show and label reconstruction of the existing timber deck.
2. Indicate the amount of dredge material in cubic yards.
3. Please add the proposed gangway and floating docks including their dimensions to this section. The proposed dock structures must be shown in relation to the water depth, bottom grade. Perhaps you may need to rotate the plan to a landscape view instead of a portrait to fit the proposed dock structures on the plan. Please note, section views do not need to be drawn to scale but must show all dimensions and distances.

Please submit 4 copies of the revised section and additional section of proposed dock structures (if necessary). Thank you.

cc: Donald Signorelli
File

Please submit requested information by
No further action can be taken until all of these materials are received.

Contact Person
MATTHEW R PENSKI
NYSDEC

Signature

Date: January 11, 2019
PROPOSED BOAT LIFT

PROPOSED FLOATING DOCK (20'-0" x 6'-0"=120 SF)

EXIST. TIMBER DECK (REMOVE & RECONSTRUCT)

EXIST. RESIDENTIAL STRUCTURE

EXIST. BULKHEAD (REMOVE & RECONSTRUCT IN-PLACE)

PROPOSED HEAD DOCK (20'-0" x 8'-0"=160 SF)

REPUTED PROPERTY OF MATTHEW ARCERI (33 W SHORE DR)

REPUTED PROPERTY OF VIRGINIA ARCERI (105 W SHORE DR)

FLANK PILE (TYP BOTH SIDES)

FLANK WALL (TYP BOTH SIDES)

EXIST. BULKHEAD

UNQUA RIVER

WIDTH = 530'-0"(s)

SCALE 1:200

FACILITY PLAN
1. Fill all fill will be clean free draining free of contaminants and regulated wastes including construction debris that is sourced from NYS DEC approved site.

2. Bulkhead elevation: T/Proposed bulkhead to be raised 18 inches higher than existing T/bulkhead elevation.

DEC Notes

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<th>note(s)</th>
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<td>1. EILIJ ALL FILL WLL 8E CLEAN FREE DRAINING FREE OF CONTAMINANTS AND REGULATED WASTES INCLUDING CONSTRUCTION DEBRIS THAT IS SOURCED FROM NYS DEC APPROVED SITE.</td>
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<tr>
<td>2. BULKHEAD ELEVATION: T/PROPOSED BULKHEAD TO BE RAISED 18 INCHES HIGHER THAN EXISTING T/BULKHEAD ELEVATION.</td>
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### Timber Treatment

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<td>2A</td>
<td>Framing</td>
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### Schedule 3-8: Cut/Fill Analysis

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<th>Formulas</th>
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<th>Calculated Volume (CY)</th>
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*The proposed action does not result in fill placed below the MHW Elevation.*

---

**Note:** Need to submit a section view of the proposed gangway and floating docks. Perhaps you could shift this drawing to a landscape view instead of portrait to fit docks and gangway.
SAVE THE TOP HALF OF THIS FORM FOR YOUR RECORDS AND RETURN THE BOTTOM HALF WHEN PROVIDING THE INFORMATION REQUESTED ON THE ACCOMPANYING NOTICE OF INCOMPLETE APPLICATION.

YOUR DOING SO WILL HELP US EXPEDITE YOUR PERMIT PROCESSING. THANK YOU.

<table>
<thead>
<tr>
<th>DEC Contact</th>
<th>MATTHEW R PENSKI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Batch Id</td>
<td>838617</td>
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<td>1786871</td>
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<td>12/28/2018</td>
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<td>01/11/2019</td>
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</tr>
<tr>
<td>Applicant Name</td>
<td>DONALD SIGNORELLI</td>
</tr>
<tr>
<td>Facility Name</td>
<td>SIGNORELLI PROPERTY</td>
</tr>
<tr>
<td>Project Desc</td>
<td>R/R 108' BH IP, DREDGE, ADD DOCK, LIFT</td>
</tr>
</tbody>
</table>

PLEASE PROVIDE REQUESTED INFORMATION ON OR BEFORE:

SAVE THIS PART!

DETACH

PLEASE ATTACH THIS HALF SO IT IS DISPLAYED PROMINENTLY ON YOUR RESUBMISSION

RETURN THIS PART!

RETURN THIS HALF OF THIS FORM WHEN PROVIDING THE INFORMATION REQUESTED ON THE ACCOMPANYING NOTICE OF INCOMPLETE APPLICATION.
WATERFRONT IMPROVEMENT
101 WEST SHORE DRIVE
MASSAPEQUA, NY 11758
7 FEBRUARY 2019

LOCATION MAP

PROJECT INFORMATION

LOCATION
PRIVATE RESIDENCE OF MR. DONALD SIGNORELLI, 101 WEST SHORE DRIVE, IN THE TOWN OF OYSTER BAY, NASSAU COUNTY, NEW YORK ALONG UNQUA RIVER.

PROJECT NOTIFICATION
COMMENCEMENT NOTIFICATION TO REGULATORY AGENCY SHALL BE SUBMITTED, AS REQUIRED, BY SELECTED CONTRACTOR PRIOR TO THE START OF WORK.

GENERAL CONTACT INFORMATION
RISING TIDE WATERFRONT SOLUTIONS, PLLC
486 SUNRISE HIGHWAY, SUITE 102
ROCKVILLE CENTRE, NY 11570
PHONE: 516-595-3483
EMAIL: CONTACTRT-WS.COM

DEFINITION(S)
AUTHORITY: MR. DONALD SIGNORELLI
ENGINEER: RISING TIDE WATERFRONT SOLUTIONS, PLLC
CONTRACTOR: TO BE DETERMINED

SKETCH INDEX
SK-1 TITLE SHEET & LOCATION MAP
SK-2 FACILITY PLAN
SK-3 BULKHEAD SECTION & DETAILS
SK-4 FLOATING DOCK DETAILS
SK-5 BOAT LIFT SECTION & DETAILS
SK-5.1 LANDS UNDERWATER - NAVD88
SK-5.2 LANDS UNDERWATER - MLW

SCHEDULE 1-A: OVER-WATER COVERAGE ADDITION/REMOVAL

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QUANTITY (SF)</th>
</tr>
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<tbody>
<tr>
<td>ADDITION(S)</td>
<td>+0.00</td>
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<tr>
<td>DEMO/REMOVAL</td>
<td>-0.00</td>
</tr>
<tr>
<td>NET ADD/REMOVAL</td>
<td>±0.00</td>
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SCHEDULE 1-B: TIDAL AREA CUT/FILL

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QUANTITY (CY)</th>
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<tbody>
<tr>
<td>PRE-EVENT</td>
<td>EXISTING</td>
</tr>
<tr>
<td>MHW</td>
<td>MHWS</td>
</tr>
<tr>
<td>FILL</td>
<td>+0.00</td>
</tr>
<tr>
<td>CUT</td>
<td>-0.00</td>
</tr>
<tr>
<td>NET CUT/FILL</td>
<td>±0.00</td>
</tr>
</tbody>
</table>

SCHEDULE 1-C: TIDAL CHART ELEVATION(S)

<table>
<thead>
<tr>
<th>POSITION</th>
<th>MLW</th>
<th>NAVD88</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>MHWS</td>
<td>+2.4</td>
<td>+1.3</td>
<td>MEAN HIGH WATER SPRING</td>
</tr>
<tr>
<td>MHWW</td>
<td>+2.3</td>
<td>+1.2</td>
<td>MEAN HIGHER HIGH WATER</td>
</tr>
<tr>
<td>MHW</td>
<td>+2.1</td>
<td>+1.0</td>
<td>MEAN HIGH WATER</td>
</tr>
<tr>
<td>MSL</td>
<td>+1.0</td>
<td>-0.1</td>
<td>MEAN SEA LEVEL</td>
</tr>
<tr>
<td>MLW</td>
<td>±0.0</td>
<td>±1.1</td>
<td>MEAN LOW WATER</td>
</tr>
<tr>
<td>MLWW</td>
<td>-0.1</td>
<td>-1.2</td>
<td>MEAN LOWER LOW WATER</td>
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</table>

PROJECT DESCRIPTION

REMOVE AND REPLACE 108 LINEAR FEET OF FUNCTIONING AND LAWFULLY EXISTING BULKHEAD, INCLUDING RETURNS AND PARALLEL CAPPING BOARDWALKS, WITHIN THE LITTORAL ZONE (DEF: 8 NYCRR PART 661) IN-PLACE (WITHOUT SEAWARD EXPANSION). THE REPLACEMENT BULKHEAD SHALL BE 18-INCHES HIGHER THAN THE EXISTING BULKHEAD. PROJECT INCLUDES MAINTENANCE DREDGING TEN (10) FT SEAWARD OF THE BULKHEAD TO A DEPTH OF 4 FT BELOW THE MEAN LOW WATER ELEVATION. PROJECT ALSO INCLUDES INSTALLATION OF A 20X6 HEAD DOCK, 20X6 FLOATING DOCK, BOAT LIFT, ACCESS GANGWAY AND MOORING PILES.

RISING TIDE WATERFRONT SOLUTIONS
486 SUNRISE HIGHWAY, SUITE 102
ROCKVILLE CENTRE, NEW YORK 11570
PHONE: 516-595-3483
EMAIL: CONTACTRT-WS.COM
WATERFRONT IMPROVEMENT
PREPARED FOR
MR. DONALD SIGNORELLI
LOCATED AT
101 WEST SHORE DRIVE
MASSAPEQUA, NY
UNQUA RIVER
NASSAU COUNTY

SCALE: 1"=10'-0"

LEGEND:
(XX) BULKHEAD SEGMENT LENGTH
-XX- DEPTH RELATED TO MLW

TOTAL NUMBER OF PILES=30

FLANK WALL (TYP. BOTH SIDES)
FLANK PILE (TYP. BOTH SIDES)

EXIST. TIMBER DECK (890 SF)
(REMOVE & RECONSTRUCT)

EXIST. RESIDENTIAL STRUCTURE

EXCAVATION LIMITS
(10'-0" MAX. | 25 CY MAX.)

PROJECT/PROPERTY BOUNDARY

UNQUA RIVER
WD.=530'-0"(+)

FACILITY PLAN

FOR REGULATORY PERMIT
NOT FOR CONSTRUCTION

Rising Tide | Waterfront Solutions
486 SUNRISE HIGHWAY, SUITE 102
ROCKVILLE CENTRE, NEW YORK 11570
1. Fill all fill will be clean free draining free of contaminants and regulated wastes including construction debris that is sourced from NYS DEC approved site.

2. Bulkhead elevation: T/Bulkhead to be raised 18 inches higher than existing T/Bulkhead elevation.

3. Dredge area limited to boundary shown on SK-2.

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**Timber Treatment**

<table>
<thead>
<tr>
<th>Treatment Type</th>
<th>Element</th>
<th>Retention</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>1A</td>
<td>Piles</td>
<td>1 5</td>
<td>CCA treated per latest AWPA standards, commodity specification A P 30</td>
</tr>
<tr>
<td>1B</td>
<td>Framing</td>
<td>2 5</td>
<td>CCA treated per latest AWPA standards, commodity specification A P 30</td>
</tr>
<tr>
<td>2A</td>
<td>Framing</td>
<td>1 5</td>
<td>CCA treated per latest AWPA standards, commodity specification A P 30</td>
</tr>
<tr>
<td>2B</td>
<td>Framing</td>
<td>2 5</td>
<td>ACQ treated per AWPA ACQ-D</td>
</tr>
<tr>
<td>3A</td>
<td>Framing</td>
<td>1 5</td>
<td>CCA treated per latest AWPA standards, commodity specification A P 30</td>
</tr>
<tr>
<td>3B</td>
<td>Framing</td>
<td>2 5</td>
<td>ACQ treated per AWPA ACQ-D</td>
</tr>
</tbody>
</table>

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**Note:**

- Waterfront Improvement Prepared for Mr. Donald Signorelli Located at 101 West Shore Drive Massapequa, NY
- Unqua River Nassau County

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**Scale:** 1"=5'-0"
PROPOSED FLOATING HEAD DOCK (20'-0" x 8'-0"=160 SF)

PROPOSED ACCESS GANGWAY (15'-0" x 3'-0"=45 SF)

EXIST. BULKHEAD (REMOVE & RECONSTRUCT)

PROPOSED MOORING PILE (TYP. AT FLOATING DOCKS)

PROPOSED GUIDE PILE

PROPOSED FLOATING DOCK (20'-0" x 6'-0"=120 SF)

PROPOSED GUIDE PILE

PROPOSED FLOATING DOCK (20'-0" x 6'-0"=120 SF)

PROPOSED FLOATING HEAD DOCK (20'-0" x 8'-0"=160 SF)

EXIST. BULKHEAD (REMOVE & RECONSTRUCT)

PROPOSED MOORING PILE (TYP. AT FLOATING DOCKS)
ALUM. I-BEAM CARRIAGE (TYP. 2 PLA.)

ALUM. I-BEAM LIFT BEAM (TYP. 2 PLA.)

CARPETED #1 PT BOARD (TYP. 2 PLA.)

ELEVATION SCALE: 1"=5'-0"

BOAT LIFT SCALE: 1"=5'-0"

NOTE:
PILES TO BE PLACED ON ANGLE AS REQUIRED BY LIFT MANUFACTURER.

ALUM. I-BEAM CARRIAGE (TYP. 2 PLA.)

STAINLESS STEEL CABLE (TYP. 2 PLA.)

TABLE:

<table>
<thead>
<tr>
<th>LIFT CAPACITY</th>
<th>ALUM. TRACKS</th>
<th>ALUM. CARRIAGE &amp; ARMS</th>
<th>GALV. TRACKS</th>
<th>GALV. CARRIAGE &amp; ARMS</th>
<th>CARPETED #1 PT BOARDS</th>
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</thead>
<tbody>
<tr>
<td>4,000 LBS</td>
<td>7&quot; I-BEAM</td>
<td>7&quot; I-BEAM</td>
<td>6&quot; WF-BEAM</td>
<td>6&quot; WF-BEAM</td>
<td>3&quot; X 10&quot; X 12&quot;</td>
</tr>
<tr>
<td>8,000 LBS</td>
<td>8&quot; I-BEAM</td>
<td>8&quot; I-BEAM</td>
<td>6&quot; WF-BEAM</td>
<td>8&quot; WF-BEAM</td>
<td>3&quot; X 10&quot; X 12&quot;</td>
</tr>
<tr>
<td>12,000 LBS</td>
<td>9&quot; I-BEAM</td>
<td>9&quot; I-BEAM</td>
<td>6&quot; WF-BEAM</td>
<td>10&quot; WF-BEAM</td>
<td>3&quot; X 12&quot; X 12&quot;</td>
</tr>
<tr>
<td>14,000 LBS</td>
<td>10&quot; I-BEAM</td>
<td>10&quot; I-BEAM</td>
<td>6&quot; WF-BEAM</td>
<td>10&quot; WF-BEAM</td>
<td>3&quot; X 12&quot; X 14&quot;</td>
</tr>
<tr>
<td>15,000 LBS</td>
<td>10&quot; I-BEAM</td>
<td>10&quot; I-BEAM</td>
<td>8&quot; WF-BEAM</td>
<td>12&quot; WF-BEAM</td>
<td>3&quot; X 12&quot; X 15&quot;</td>
</tr>
</tbody>
</table>

WATERFRONT IMPROVEMENT
PREPARED FOR
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LOCATED AT
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MASSAPEQUA, NY

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ROCKVILLE CENTRE, NEW YORK 11570

BOATLIFT SECTION & DETAILS
HYDROGRAPHIC STUDY
LANDS UNDERWATER (DATUM: NAVD88 ELEVATION)

LEGEND:
- XX: LAND UNDERWATER ELEVATION (NAVD 88)
- XX: HORIZONTAL OFFSET FROM BULKHEAD FACE

WATERFRONT IMPROVEMENT
PREPARED FOR
MR. DONALD SIGNORELLI
LOCATED AT
101 WEST SHORE DRIVE
MASSAPEQUA, NY
UNQUA RIVER
NASSAU COUNTY

SCALE: 1"=30'-0"

486 SUNRISE HIGHWAY, SUITE 102
ROCKVILLE CENTRE, NEW YORK 11570
NOTE: LANDS UNDERWATER ELEVATION (DATUM: MLW ELEVATION) IS EQUIVALENT TO WATER DEPTH AT ABOUT LOW TIDE.