



STANDARD DREDGE AND FILL WETLANDS PERMIT APPLICATION



Water Division / Land Resources Management Program /
Wetlands Bureau

[Check the status of your application](#)

RSA/Rule: RSA 482-A/Env-Wt 100-900

Applicant name:		Town name:	
<i>Administrative Use Only</i>	<i>File number:</i>	<i>Initials:</i>	
	<i>Check number:</i>	<i>Amount:</i>	

A person may request a waiver of the requirements in Rules Env-Wt 100-900 to accommodate situations where strict adherence to the requirements would not be in the best interest of the public or the environment but is still in compliance with RSA 482-A. A person may also request a waiver of the standards for existing dwellings over water pursuant to RSA 482-A:26, III(b). For more information, please consult the [Waiver Request Form](#).

SECTION 1 - REQUIRED PLANNING FOR ALL PROJECTS (Env-Wt 306.05; RSA 482-A:3, I(d)(2))	
<i>Please use the Land Resources Management Permit Planning Tool (LRMPPT), the DataCheck Tool, the Stream Crossing Initiative Data Viewer or other sources to assist in identifying key features such as Priority Resource Areas (PRAs), protected species or habitats, coastal areas, designated rivers or designated prime wetlands.</i>	
Has the required planning been completed?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does the property contain a PRA? If yes, provide the following information:	<input type="checkbox"/> Yes <input type="checkbox"/> No
Does the project qualify for an Impact Classification Adjustment (such as an agreement from the NHDES Ecological Review Section for a classification downgrade) or a Project-Type Exception (such as a Maintenance or Statutory Permit-by-Notification (SPN) project)? See Env-Wt 407.02 and Env-Wt 407.04.	<input type="checkbox"/> Yes <input type="checkbox"/> No
Protected species or habitat?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> If yes, species or habitat name(s): DataCheck project ID number: 	
Bog?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Floodplain wetland contiguous to a tier 3 or higher watercourse?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Designated prime wetland or duly-established 100-foot buffer?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Sand dune, tidal wetland, tidal water, or undeveloped tidal buffer zone?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Is the property within a Designated River corridor? If yes, provide the following information:	<input type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> Name of Local River Management Advisory Committee (LAC): A copy of the application was sent to the LAC on (mm/dd/yyyy): 	
For dredging projects, is the subject property contaminated?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> If yes, list contaminant: 	
Is there potential to impact impaired waters, Class A waters or Outstanding Resource Waters?	<input type="checkbox"/> Yes <input type="checkbox"/> No
For stream crossing projects, provide watershed size (see LRMPPT or Stream Stats):	

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SECTION 2 - PROJECT DESCRIPTION (Env-Wt 311.04(i))			
<i>Provide a description of the project and the purpose of the project, the need for the proposed impacts to jurisdictional areas, an outline of the scope of work to be performed, and whether impacts are temporary or permanent.</i>			
<p>The proposed project is the construction of a deck, walking paths, grill area, site regrading, and landscaping. The project involves 1,523 SF of permanent impacts and 7,421 SF of temporary impacts to the shoreland zone, of which 94 SF of permanent impacts and 2,938 square feet of temporary impacts are within the waterfront buffer. 1,399 SF of permanent impacts and 5,305 SF of temporary impacts are proposed within the TBZ and 100' Prime Wetland Buffer. A waiver is requested for these impacts and is included in the application.</p>			
SECTION 3 - PROJECT LOCATION			
<i>Separate wetland permit applications must be submitted for each municipality within which wetland impacts occur.</i>			
Address:			
Town or city:			
Tax map/block/lot/unit:			
U.S. Geological Survey (USGS) topo map waterbody name: <input type="checkbox"/> n/a			
(Optional) Latitude / longitude in decimal degrees (to five decimal places):			
SECTION 4 - APPLICANT (DESIRED PERMIT HOLDER) INFORMATION (Env-Wt 311.04(a))			
<i>If the applicant is a trust or a company, then complete with the trust or company information.</i>			
Name:			
Mailing address:			
Town or city:		State:	ZIP:
Email address:		Phone:	
Electronic communication: By initialing here, I hereby authorize NHDES to communicate all matters relative to this application electronically:			
SECTION 5 - AUTHORIZED AGENT INFORMATION (Env-Wt 311.04(c)) <input type="checkbox"/> N/A			
Last name, first name, middle initial:			
Company name:			
Mailing address:			
Town or city:		State:	ZIP:
Email address:		Phone:	
Electronic communication: By initialing here, I hereby authorize NHDES to communicate all matters relative to this application electronically:			

SECTION 6 - PROPERTY OWNER INFORMATION (IF DIFFERENT THAN APPLICANT) (Env-Wt 311.04(b))			
<i>If the owner is a trust or a company, then complete with the trust or company information.</i> <input type="checkbox"/> Same as applicant			
Name:			
Mailing address:			
Town or city:		State:	ZIP:
Email address:		Phone:	
Electronic communication: By initialing here, I hereby authorize NHDES to communicate all matters relative to this application electronically:			
SECTION 7 - RESOURCE-SPECIFIC CRITERIA ESTABLISHED IN Env-Wt 400, Env-Wt 500, Env-Wt 600, Env-Wt 700, OR Env-Wt 900 HAVE BEEN MET (Env-Wt 313.01(a)(3))			
Describe how the resource-specific criteria have been met for each chapter listed above (please attach information about stream crossings, coastal resources, prime wetlands, or non-tidal wetlands and surface waters):			
SECTION 8 - AVOIDANCE AND MINIMIZATION			
Impacts within wetland jurisdiction must be avoided to the maximum extent practicable (Env-Wt 313.03(a)).* Any project with unavoidable jurisdictional impacts must then be minimized as described in the Wetlands Best Management Practice Techniques For Avoidance and Minimization and the Wetlands Permitting: Avoidance, Minimization and Mitigation fact sheet. For minor or major projects, a functional assessment of all wetlands on the project site is required (Env-Wt 311.03(b)(10)).*			
Please refer to the application checklist to ensure you have attached all documents related to avoidance and minimization, as well as functional assessment (where applicable). Use the Avoidance and Minimization Checklist , the Avoidance and Minimization Narrative , or your own avoidance and minimization narrative.			
*See Env-Wt 311.03(b)(6) and Env-Wt 311.03(b)(10) for shoreline structure exemptions.			
SECTION 9 - MITIGATION REQUIREMENT (Env-Wt 311.02)			
<i>If unavoidable jurisdictional impacts require mitigation, a mitigation pre-application meeting must occur at least 30 days but not more than 90 days prior to submitting this Standard Dredge and Fill Permit Application.</i>			
Mitigation pre-application meeting date (mm-dd-yyyy):		<input type="checkbox"/> N/A - Mitigation is not required.	
SECTION 10 - THE PROJECT MEETS COMPENSATORY MITIGATION REQUIREMENTS (ENV-WT 313.01(A)(1)C)			
<i>Confirm that you have submitted a compensatory mitigation proposal that meets the requirements of Env-Wt 800 for all permanent unavoidable impacts that will remain after avoidance and minimization techniques have been exercised to the maximum extent practicable</i>			
<input type="checkbox"/> I confirm submittal.		<input type="checkbox"/> N/A – Compensatory mitigation is not required)	

Prime Wetland waiver submitted with application

SECTION 11 - IMPACT AREA (Env-Wt 311.04(g))

For each jurisdictional area that will be or has been impacted, provide square feet (SF) and, if applicable, linear feet (LF) of impact, and note whether the impact is After-The-Fact (ATF; meaning work was started or completed without a permit).

For intermittent and ephemeral streams, linear feet of impact are measured along the thread of the channel. Please note, installation of a stream crossing in an ephemeral stream may be undertaken without a permit per Rule Env-Wt 309.02(d), however other dredge or fill impacts should be included below.

For perennial streams/ivers, linear feet of impact are calculated by summing the lengths of disturbances to the channel and banks.

Permanent (PERM) impacts are impacts that will remain after the project is complete (e.g., changes in grade or surface materials). Temporary (TEMP) impacts are impacts not intended to remain (and will be restored to pre-construction conditions) after the project is completed.

JURISDICTIONAL AREA		PERM. SF	PERM. LF	PERM. ATF	TEMP. SF	TEMP. LF	TEMP. ATF
Wetlands	Forested Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Scrub-shrub Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Emergent Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Wet Meadow			<input type="checkbox"/>			<input type="checkbox"/>
	Vernal Pool			<input type="checkbox"/>			<input type="checkbox"/>
	Designated Prime Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Duly-established 100-foot Prime Wetland Buffer			<input type="checkbox"/>			<input type="checkbox"/>
Surface Water	Intermittent / Ephemeral Stream			<input type="checkbox"/>			<input type="checkbox"/>
	Perennial Stream or River			<input type="checkbox"/>			<input type="checkbox"/>
	Lake / Pond			<input type="checkbox"/>			<input type="checkbox"/>
	Docking - Lake / Pond			<input type="checkbox"/>			<input type="checkbox"/>
	Docking - River			<input type="checkbox"/>			<input type="checkbox"/>
Banks	Bank - Intermittent Stream			<input type="checkbox"/>			<input type="checkbox"/>
	Bank - Perennial Stream / River			<input type="checkbox"/>			<input type="checkbox"/>
	Bank / Shoreline - Lake / Pond			<input type="checkbox"/>			<input type="checkbox"/>
Tidal	Tidal Waters			<input type="checkbox"/>			<input type="checkbox"/>
	Tidal Marsh			<input type="checkbox"/>			<input type="checkbox"/>
	Sand Dune			<input type="checkbox"/>			<input type="checkbox"/>
	Undeveloped Tidal Buffer Zone (TBZ)			<input type="checkbox"/>			<input type="checkbox"/>
	Previously-developed TBZ			<input type="checkbox"/>			<input type="checkbox"/>
	Docking - Tidal Water			<input type="checkbox"/>			<input type="checkbox"/>
TOTAL							

SECTION 12 - APPLICATION FEE (RSA 482-A:3, I)

- Minimum impact: flat fee of \$600.
- Non-enforcement related, publicly funded and supervised restoration projects, regardless of impact classification: flat fee of \$600 (refer to R2-A:3, 1(c) for restrictions).
- Minor or major impact fee: calculate using the table below.

Permanent and temporary (non-docking):	SF	× \$0.60 =	\$
Seasonal docking structure:	SF	× \$3.00 =	\$
Permanent docking structure:	SF	× \$6.00 =	\$
Projects proposing shoreline structures (including docks): add \$600.			\$
Total			\$
The application fee for minor or major impact is the above calculated total or \$600, whichever is greater.			\$


SECTION 13 - PROJECT CLASSIFICATION (Env-Wt 306.05) Indicate the project classification.

- Minimum impact project
 Minor project
 Major project

SECTION 14 - REQUIRED CERTIFICATIONS (Env-Wt 311.11) Initial each box below to certify.

Initials:	To the best of the signer's knowledge and belief, all required notifications have been provided.
Initials:	The information submitted on or with the application is true, complete, and not misleading to the best of the signer's knowledge and belief.
Initials:	The signer understands that submission of false, incomplete, or misleading information constitutes grounds for NHDES to: <ol style="list-style-type: none"> 1. Deny the application. 2. Revoke any approval that is granted based on the information. 3. If the signer is a certified wetland scientist, licensed surveyor, or professional engineer licensed to practice in New Hampshire, refer the matter to the office of professional licensure and certification established by RSA 310.
Initials:	If the applicant is not the owner, each property owner's signature shall constitute certification by the signer that he or she is aware of the application being filed and does not object to the filing.

SECTION 15 - REQUIRED SIGNATURES (Env-Wt 311.04(d); Env-Wt 311.11)

Signature (owner):	Print name legibly:	Date:
Signature (applicant, if different from owner):	Print name legibly:	Date:
Signature (agent, if applicable): 	Print name legibly:	Date:

SECTION 16 - TOWN / CITY CLERK SIGNATURE (Env-Wt 311.04(f))	
As required by RSA 482-A:3, I(a)(1), I hereby certify that the applicant has provided a hard copy and a digital copy of a completed application form, with required attachments, to the town or city indicated below.	
Town or city clerk signature:	Print name legibly:
Town or city:	Date:

DIRECTIONS FOR TOWN OR CITY CLERK

1. Upon confirming receipt of one paper copy and one digital copy of this application, with its attachments, Immediately sign a copy of the application and return it to the applicant for submittal to the department.
2. Retain the hard copy for review by the public and immediately distribute a digital copy of the application package to each of the following bodies:
 - a. Local conservation commission.
 - b. Local governing body such as select board or town or city council.
 - c. Local planning board.

DIRECTIONS FOR APPLICANT

1. Bring one hard copy of the application and its attachments, and one digital copy of the same, to the municipal clerk(s) of the town(s) in which proposed jurisdictional impacts are located. Digital copies shall be in PDF format or other formats approved by NHDES.
2. Submit the copy of the complete application package signed by the municipal clerk(s) to NHDES.
3. State agency applicants may file simultaneously with NHDES and the municipal clerk.

Keep this checklist for your reference. Do not submit it with your application.

APPLICATION CHECKLIST

Unless specified, all items below are required. Failure to provide the required items will delay a decision on your project and may result in denial of your application. Please reference statute RSA 482-A and [Wetland Rules Env-Wt 100-900](#).

- Completed, dated, signed, and certified application (Env-Wt 311.03(b)(1)).
- Correct fee as determined in RSA 482-A:3, I(b) or (c), subject to any cap established by RSA 482-A:3, X (Env-Wt 311.03(b)(2)). If not filing electronically, make check or money order payable to "Treasurer – State of NH".
- Required planning actions required by Env-Wt 311.01(a)-(c) and Env-Wt 311.03(b)(3).
- [US Army Corps of Engineers \(ACE\) "Appendix B, New Hampshire General Permits \(GPs\), Required Information and Corps Secondary Impacts Checklist"](#) and its required attachments (Env-Wt 307.02). This includes the [US Fish and Wildlife Service IPAC review](#) and [Section 106 Historic/Archaeological Resource review](#).
- Project plans described in Env-Wt 311.05 (Env-Wt 311.03(b)(4)).
- Maps, or electronic shape files and meta data, and other attachments specified in Env-Wt 311.06 (Env-Wt 311.03(b)(5)).
- Explanation of the methods, timing and manner as to how the project will meet standard permit conditions required in Env-Wt 307 (Env-Wt 311.03(b)(7)).
- If applicable, the information regarding proposed compensatory mitigation specified in Env-Wt 311.08 and Chapter Env-Wt 800, unless not required under Env-Wt 313.04 (Env-Wt 311.03(b)(8); Env-Wt 311.08; Env-Wt 313.04).
- Any additional information specific to the type of resource as specified in Env-Wt 311.09 (Env-Wt 311.03(b)(9); Env-Wt 311.04(j)).
- Project specific information required by Env-Wt 500, Env-Wt 600, and Env-Wt 900 (Env-Wt 311.03(b)(11)).
- A list containing the name, mailing address and tax map/lot number of each abutter to the subject property (Env-Wt 311.03(b)(12)).
- Copies of certified postal receipts or other proof of receipt of the notices that are required by RSA 482-A:3, I(d) (Env-Wt 311.03(b)(13)).
- Project design considerations required by Env-Wt 313 (Env-Wt 311.04(j)).
- Town tax map showing the subject property, the location of the project on the property, and the location of properties of abutters with each lot labeled with the name and mailing address of the abutter (Env-Wt 311.06(a)).
- Dated and labeled color photographs that:
 - (1) Clearly depict:
 - a. All jurisdictional areas, including but not limited to portions of wetland, shoreline, or surface water where impacts have or are proposed to occur.
 - b. All existing shoreline structures.
 - (2) Are mounted or printed no more than two per sheet on 8.5 x 11-inch sheets (Env-Wt 311.06(b)).
- A copy of the appropriate US Geological Survey map or updated data based on LiDAR at a scale of one inch equals 2,000 feet showing the location of the subject property and proposed project (Env-Wt 311.06(c)).
- A narrative that describes the work sequence, including pre-construction through post-construction, and the relative timing and progression of all work (Env-Wt 311.06(d)).

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- For all projects in the protected tidal zone, a copy of the recorded deed with book and page numbers for the property (Env-Wt 311.06(e)).
- If the applicant is not the owner in fee of the subject property, documentation of the applicant's legal interest in the subject property, provided that for utility projects in a utility corridor, such documentation may comprise a list that:
 - (1) Identifies the county registry of deeds and book and page numbers of all of the easements or other recorded instruments that provide the necessary legal interest.
 - (2) Has been certified as complete and accurate by a knowledgeable representative of the applicant (Env-Wt 311.06(f)).
- DataCheck results letter containing the DataCheck identification number from NHDES as well as documentation of any ecological review requests made to NHDES, communications and information related to the requested ecological review, and the results of the ecological review. (Env-Wt 311.06(g)). See [Wetlands Permitting: Protected Species and Habitat](#) fact sheet.
- A statement of whether the applicant has received comments from the local conservation commission and, if so, how the applicant has addressed the comments (Env-Wt 311.06(h)).
- For projects in LAC jurisdiction, a statement of whether the applicant has received comments from the LAC and, if so, how the applicant has addressed the comments (Env-Wt 311.06(i)).
- If the applicant is also seeking to be covered by state general permits, a statement of whether comments have been received from any federal agency and, if so, how the applicant has addressed the comments (Env-Wt 311.06(j)).
- [Avoidance and Minimization Written Narrative](#), [Avoidance and Minimization Checklist](#) or your own avoidance and minimization narrative (Env-Wt 311.07).
- For after-the-fact applications, information required by Env-Wt 311.12.
- [Coastal Resource Worksheet](#) for coastal projects as required under Env-Wt 600.
- Prime wetlands information required under Env-Wt 700. See [LRMPPT](#) for prime wetland mapping.
- For non-tidal shoreline structure projects, the length of shoreline frontage per Env-Wt 311.09(b)(1).

REQUIRED ATTACHMENTS FOR MINOR AND MAJOR PROJECTS

- [Attachment A: Minor and Major Projects](#) (Env-Wt 313.03).
- [Functional Assessment Worksheet](#) or others means of documenting the results of actions required by Env-Wt 311.10 as part of an application preparation for a standard permit (Env-Wt 311.03(b)(3); Env-Wt 311.03(b)(10)). See [Functional Assessments for Wetlands and Other Aquatic Resources](#) fact sheet. For shoreline structures, see shoreline structures exemption in Env-Wt 311.03(b)(10))

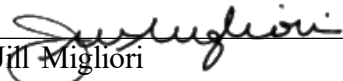
OPTIONAL MATERIALS

- [Stream Crossing Worksheet](#) which summarizes the requirements for stream crossings under Env-Wt 900.
- Request for [concurrent processing of related shoreland / wetlands permit applications](#) (Env-Wt 313.05).

AUTHORIZATION
5 Curriers Cove, Portsmouth, New Hampshire
Proposed Deck Addition

We, Jill and Scott Migliori, hereby authorize representatives of Haley Ward, Inc., to represent our interests before land use boards of the City of Portsmouth, State of New Hampshire DES, and any other jurisdictional agency necessary to obtain permits for the above referenced property, and to submit any and all applications and materials related thereto on our behalf.

Date: 03/24/2026



Jill Migliori

Date: 03/24/2026



Scott Migliori

DECLARATION OF COVENANTS AND RESTRICTIONS
OF

CURRIERS COVE,
PORTSMOUTH, NEW HAMPSHIRE

THIS DECLARATION OF COVENANTS AND RESTRICTIONS, made as of the 5th day of August, 1985, by J. Paul Griffin, Mary M. Griffin, and Conrad Farr, Declarants, Curriers Cove Subdivision, Little Harbor Road in the City of Portsmouth, County of Rockingham and State of New Hampshire, Declarant.

WITNESSETH:

WHEREAS, Declarants are the owners of certain real property shown on the "Plan" as defined hereinbelow and are creating thereon an environmentally oriented and ecologically conscious residential community including lots, private road, open space for the benefit of the said real property; and

WHEREAS, Declarants are the owners of the real property shown on said Plan, excepting Lot 3, and are desirous of subjecting said real property to the restrictions, covenants, easements, and conditions hereinafter set forth, each and all of which is and are for the benefit of said property and for each Owner thereof, and shall inure to the benefit of and pass with said property, and each and every parcel thereof, and shall apply to and bind the successors in interest, and any Owner thereof. The area lying West of the road described in the legal description as set out in this Declaration is also subject to the covenants and restrictions of this Declaration, and can only be used for residential purposes, or remain open as a buffer strip for the cemetery. If the Land Use Regulations of the City of Portsmouth change in the future and permit residential homes to be built on the property lying West of the road, the lot Owners shall contribute a pro rata share of common maintenance for the entire subdivision.

NOW, THEREFORE, Declarants declare that said real property is and shall be held, transferred, leased, encumbered, conveyed, improved and occupied subject to the covenants, restrictions, easements, charges, and liens hereinafter set forth which are intended to create mutual and equitable servitudes upon each of said lots in favor of each and all other said lots; to create reciprocal rights between the respective Owners of said lots; to create a privity of contract and estate between the grantees of said lots, their heirs, successors and assigns; and shall, as to the Owners of each said lot, their heirs, successors, grantees or assignees operate as covenants running with the land for the benefit of each and all said lots and their respective owners present and future.

AUG 5 3 44 PM '85

Rockingham County
Registry of Deeds

35479

Section 1. Definitions

The following words when used in this Declaration of Covenants and Restrictions (unless the context shall prohibit or clearly indicate otherwise) shall have the following meanings:

(a) "Declaration" means this Declaration of Covenants and Restrictions, as supplemented and amended from time to time.

(b) "Maintenance Committee" or "Committee" means the group of not more than five (5) Owners established in accordance with Section 4 hereinbelow.

(c) "Envelope" means a dwelling location specified on the "Plan" for the location of a single family dwelling.

(d) "Property" means all of the real property owned by Declarants shown on said Plan.

(e) "Plan" means the subdivision plan of Curriers Cove Subdivision, Little Harbor Road, as recorded in the Rockingham County Registry of Deeds Plan #D13486.

(f) "Lot" means a parcel of land bearing any numerical lot designation, and shown on the Plan.

(g) "Single Family Dwelling" or "Dwelling" means a building designed and intended for use and occupancy as a residence by a single family.

(h) "Owner" generally means the record owner, whether one or more persons, of the fee simple title to any Lot but shall not include any mortgagee unless and until such mortgagee has acquired title pursuant to foreclosure or any procedure in lieu of foreclosure.

(i) "Improvements" means, but shall not be limited to, all buildings, roads, driveways, parking areas, fences, retaining and other walls, hedges, gardens, poles or any other structures of any kinds constructed within the boundaries of any Lot.

Section 2. Land Use and Building Type

No lot shall be used except for residential purposes. No buildings shall be erected, altered, placed or permitted to remain on any lot other than one detached single-family dwelling, constructed for year-round occupancy, not to exceed two and one-half stories in height, except for Lot 2 which cannot exceed one and one-half stories in height, and a private garage for not more than three cars. No home occupations, professional or business offices of any sort shall be permitted on any lot.

Only one house of any specific exterior design and finish shall be permitted within this subdivision, it being the purpose of this covenant to avoid duplication of exterior appearance of houses therein.

Section 3. Architectural Control Committee

No building, garage, breezeway, patio, septic system, walkway, driveway, fence, wall, swimming pool, antenna or any other structure shall be commenced, erected, placed, altered or maintained on any lot, nor shall any exterior addition to or change or alteration therein be made until the building plans, specifications and plot plan showing the nature, kind, shape, height, materials and location of the same shall have been submitted to and approved in writing as to conformity and harmony of external design and location in and relation to existing structure, topograph, and finish grade elevation by an Architectural Control Committee composed of J. Paul Griffin and Mary M. Griffin or their appointed successors.

The Architectural Control Committee shall designate a representative to act for it. In the event of death or resignation of any member of the Architectural Control Committee, the remaining member shall have full authority to designate a successor. Neither the members of the Architectural Control Committee, nor its designated representative shall be entitled to any compensation for services performed pursuant to this covenant.

The Architectural Control Committee's approval or disapproval as required in these covenants shall be in writing. In the event the Architectural Control Committee, its designated representative, fails to approve or disapprove within sixty (60) days after plans and specifications have been submitted to it, or in any event, if no suit to enjoin the construction has been commenced prior to the completion thereof, approval will not be required and the related covenants shall be deemed to have been fully complied with.

Section 4. Maintenance Committee

Appointment. The Maintenance Committee shall consist of two (2) members appointed initially by the Declarant to serve on the Maintenance Committee until fee simple title to fifty (50) percent or more of the Lots have been conveyed subject to this Declaration by the Declarant to an Owner by deed on record at the Rockingham County Registry of Deeds (the "Transition Date") and their successors have been duly appointed. Prior to the Transition Date, members of the Maintenance Committee may, but need not be, Owners and vacancies in the Maintenance Committee shall be filled by appointment by Declarant. The term of office of each such member initially appointed by the Declarant shall automatically expire as soon after the Transition Date as the Owners of a majority of the Lots shall elect new members of the Maintenance Committee (all of whom shall be Owners) and shall establish the term of office of such new members.

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The Maintenance Committee shall be empowered as attorney in fact for all Owners to order any Owner to change or remove any construction or alteration undertaken in violation of this Section. In the event any Owner fails to comply with an order of the Maintenance Committee, the Maintenance Committee may enter the Lot and correct such condition at the Owner's expense, or at its option may commence legal proceedings as attorney for the Owners to enforce such order. The costs of such legal proceedings initially shall be treated as a special assessment pursuant to Section 4(d) hereof and the Maintenance Committee, on behalf of the Owners shall recover its costs, including reasonable attorneys' fees, in any successful proceeding.

In the unlikely event that the Maintenance Committee ceases to function, or is unable to function, then the declarant, or his personal representative or heirs, or any one of them, shall select a reputable property maintenance firm active in the City of Portsmouth to discharge the duties of the Maintenance Committee. The charges and fees of the property maintenance firm so selected shall be treated as a special assessment as provided in the previous paragraph.

In addition to its other duties and responsibilities as set forth herein the Maintenance Committee shall provide all maintenance of the following property:

(a) Private Roads. The Maintenance Committee shall provide for maintenance of, and snow removal from, the common roadway within the Property except for those driveways which are located within a Lot.

(b) Open Fields. The Maintenance Committee shall be responsible for mowing and maintaining those portions of the Property for which it is responsible as shown on the subdivision plan. The Maintenance Committee shall not be responsible for mowing and maintaining those portions of the Property which are lawns, immediately adjacent to a Dwelling or related structures and shall not be responsible for mowing fields where the Owners of such Lots are entitled to mow.

(c) Miscellaneous. The Maintenance Committee shall provide such other services, such as maintenance of all lights and signs and perform such other duties as will be determined by the Owners of a majority of the Lots.

(d) Duration. These covenants are to run with the land and shall be binding on all parties and all persons claiming under them, for a period of twenty (20) years from the date these covenants are recorded, after which time said covenants shall automatically be extended for successive periods of twenty (20) years unless an instrument signed by a majority of the then Owners of the improved lots has been recorded, agreeing to change said covenants in whole or in part.

(c) **Enforcement.** Enforcement of these covenants and restrictions shall be by any proceeding at law or in equity against any person or persons violating or attempting to violate any covenant or restriction either to restrain violation or to recover damages and failure by either Committee or any Owner to enforce any covenant or restriction herein contained shall in no event be deemed a waiver of the right to do so thereafter.

(f) **Separability.** Invalidation of any one of these covenants by judgment or court order shall in no way affect any of the other provisions which shall remain in full force and effect.

(g) **Notices.** Any notice required to be sent to any Owner under the provisions of this Declaration shall be deemed to have been properly sent when mailed, postpaid, to the last known address of the person who appears as Owner on the records of the City of Portsmouth, New Hampshire, at the time of such mailing.

(h) **Completion of Construction.** No excavation shall be made on any Lot except for the purposes of building thereon, and construction of all buildings and other structures on any Lot shall be completed within one year from the date of commencement of excavation or other building operation. However, the construction of all residences shall be completed not later than two years after the purchase of the lot from the declarant, his personal representatives, heirs, or assigns; this provision shall not apply to Lot No. 7, as long as the ownership of said lot remains with the declarant, his personal representative, legatees, or heirs-at-law.

(i) **Subdivision.** No Lot shall be further subdivided except for purposes of conveying normal and customary utility easements, or permitting an exchange or other conveyance between Owners of contiguous Lots which does not increase the number of Owners and does not violate pertinent state and local subdivision or zoning laws or building codes.

(j) **Use of Property.** The property shall not be used in a manner which is inconsistent with the residential and natural ecological character of the Property, and no noxious or offensive use shall be made of any part of the Property and nothing shall be done therein which will result in the disturbance of the natural quality, environmental condition or tranquility of the Property or which is or will become an annoyance or nuisance to the other Owners.

(k) **Trees and Other Natural Vegetation.** The live trees and other natural vegetation providing a visual screen between Lots may be thinned or pruned only with the permission of the Architectural Control Committee. Otherwise, live trees of less than five inches in diameter and other natural vegetation may be cut without the permission of the Architectural Control Committee, but such permission shall be required prior to cutting live trees of more than five inches in diameter.

(l) Domestic Animals. Domestic animals may be kept by an Owner on his lot for non-commercial purposes only. No dog kennels are permitted.

(m) Fences, Walls, Swimming Pools, Hedges, and Clothes Lines, Etc. No fence, wall, swimming pool, hedge, or mass planting shall be erected, placed or altered on any lot unless approved by the Architectural Control Committee in writing as provided in Section 3. No stone wall shall be removed.

No fence, wall, hedge, or mass planting shall be permitted to extend beyond the minimum building setback line established except upon approval by the Architectural Control Committee as provided in Section 3.

There shall be no above-ground swimming pools or permanent in-ground or other outside clothes lines on any lots covered by these covenants.

(n) Aerial Antennas. No permanent installation of a television, receiving or transmitting antenna shall be constructed on the exterior of any building nor on the premises of any lot except upon approval by the Architectural Control Committee as provided in Section 3.

(o) Density of Trees. The purchaser of a lot agrees that trees on said lot of five (5) inches or more in diameter shall be maintained at a density of one (1) tree for each one hundred (100) square feet of lot area other than the building site and the additional 20 foot wide strip surrounding the same. Additional clearing requires Architectural Control Committee review.

(p). Storage of Boats and Trailers. The keeping of a mobile home or travel trailer, either with or without wheels, on any parcel of property covered by these covenants is prohibited. A motor boat, house boat or other similar water borne vehicle, motorcycle, snowmobile or other motor unit may be maintained, stored, or kept on any parcel of property covered by these covenants only if housed completely within a structure which has been architecturally approved by the Architectural Control Committee.

(q). Oil and Mining Operations. No oil drilling, oil development operations, oil refining, quarrying or mining operations of any kind shall be permitted upon or in any lot, nor shall oil wells, tanks, tunnels, mineral excavations or shafts be permitted upon or in any lot. No derrick or other structure designed for use in boring for oil or natural gas shall be erected, maintained or permitted upon any lot.

Section 5. Covenant for Maintenance Assessments

(a) Creation of the Lien and Personal Obligation of Assessments. The Declarant for each Lot owned by it hereby covenants, and each subsequent Owner of any Lot by acceptance of a deed hereof, whether or not it shall be so expressed in any such deed, shall be deemed to covenant and agree to pay to the Maintenance Committee annual and special assessments to be fixed and collected from time to time as hereinafter provided. The annual and special assessments, together with such interest thereon and costs of collection thereof as hereinafter provided, shall be a charge and a continuing lien upon the property against which each such assessment is made and shall also be the personal obligation of the person who was the Owner of such property at the time when the assessment fell due. The Maintenance Committee may designate an agent to whom payment of assessments shall be made and said agent may be authorized to collect said assessments.

(b) Building Location. Shall be in accordance with the plan and shall be placed within the "envelope" of each lot as shown on said plan.

(c) Easements. Easements for driveways and for installation and maintenance of utilities and drainage facilities are reserved as shown on the recorded plat. Within these easements, no structure, planting or other material shall be placed or permitted to remain which may damage or interfere with the installation and maintenance of utilities, or which may change the direction of flow of drainage channels in the easements, or which may obstruct or retard the flow of water through the drainage channels in the easements. The easement area of each lot and all improvements in it shall be maintained continuously by the Owner of the lot, except for those improvements for which a public authority or utility company is responsible.

(d) Stone Walls. No stone wall shall be removed except to the extent as may be required for access to a Lot.

(e) Sanitation. Garbage and rubbish shall not be dumped or allowed to remain on any Lot except as contained in a suitable closed receptacle screened from public view.

(f) Certain Mechanized Vehicles. No motorbikes, motorcycles, minibikes, snowmobiles or terrain vehicles shall be operated on the Property except such a vehicle may be used for purpose of access to and from Lots over common, private driveways from and to a public road, provided that such vehicle may be legally operated on such public road.

(g) Occupancy. No Single Family Dwelling constructed on any Lot shall be occupied or used for residential purposes until substantially completed nor shall any structure on any Lot, other than a Single Family Dwelling, be used or occupied for residential purposes.

(h) Purpose of Assessments. The assessments levied by the Maintenance Committee shall be used exclusively for the management, maintenance and care of certain portions of the Property, pursuant to Section 5 hereof.

(i) Amount of Annual Assessments. The annual assessment shall be in the same amount for each Lot. The Maintenance Committee shall, after consideration of its current costs and future needs, fix the annual assessments for each year, provided that it shall be an affirmative obligation of the Maintenance Committee, to fix such assessments at an amount sufficient to properly discharge its duties and obligations set forth herein with respect to the maintenance of portions of the Property.

(j) Special Assessments. In addition to the annual assessments authorized hereinabove, the Maintenance Committee may levy in any assessment year a special assessment, applicable to that year only, for the purpose of defraying, in whole or in part, an operating loss or the cost of any construction or unexpected repair or replacement to the portions of the Property for which the Maintenance Committee is responsible to provide maintenance, provided that any such assessment shall be authorized by the votes of Owners of a majority of the Lots subject to the respective assessment.

(k) Date of Commencement of Annual Assessments and Due Dates. The annual assessments for the year 1986 shall become due and payable on January 1, 1986. Thereafter, annual assessments shall become due and payable on the first day of February each year. The due date of any special assessment shall be fixed in the vote authorizing such assessment. The annual assessment for the year 1985 shall be prorated in the discretion of the Architectural Control Committee.

(l) Certificate of Payment. The Maintenance Committee, upon demand by an Owner liable for an assessment, shall furnish to such Owner a certificate in writing signed by a member of said Maintenance Committee, setting forth whether said assessment has been paid. Such certificate shall be conclusive evidence of payment of any assessment therein stated to have been paid.

(m) Effect of Non-Payment of Assessment. Any assessment which is not paid when due, (being the dates specified in Subsection (e) hereof), shall be deemed delinquent and shall, together with such interest thereon and costs of collection thereof as hereinafter provided, become a continuing lien on the Lot and appurtenant interests of the delinquent Owner, which shall bind such property in the hands of said Owner, his heirs, devisees, representatives and assigns. The personal obligation of the said Owner to pay such assessment, notwithstanding the continuing lien, shall remain his personal obligation and shall not pass to his successors in title unless expressly assumed by them.



HALEY WARD

PROJECT INFORMATION

Migliori Residence – 5 Curriers Cove, Portsmouth, NH 03801

Introduction

The applicants, Jill & Scott Migliori, propose site improvements at a residential lot within the City of Portsmouth. The parcel is identified as Lot 14 on Map 204 of the City of Portsmouth's tax maps.

The project site currently consists of a single-family residential structure, a paved driveway with vehicle turnaround, a connected garage and associated stone walking path exiting the garage, a retaining wall around the southern portion of the garage, a stone patio, an artificial putting green, a stone wall abutting the shoreline, a wooden residential pier and associated landscaping.

The proposed project consists of the installation of a deck on the northeastern side of the dwelling, the installation of a new stone walking path that encompasses the northern portion of the dwelling, the installation of a small grill/recreational area, the removal of existing impervious areas, site regrading, and a robust landscaping and planting plan.

The purpose of the project is to provide the applicants with a recreational area outside the boundary of the Flood Hazard Zone. The deck and grill area will be constructed at an elevation of at least 10' above sea level, which is two feet above the FEMA mapped AE Flood Hazard Zone (EL 8). The proposed site regrading will also increase the flood resilience of the property by raising the elevation of the existing developed and landscaped areas directly adjacent to the dwelling. The applicant further intends to limit development within the Flood Hazard Zone by removing existing impervious areas next to the shoreline such as the removal of a stone patio and sitting area. The applicant proposes additional flood protection through a robust planting plan, which proposes to drastically increase the vegetative capacity of the waterfront buffer to withstand flood waters and increase habitat connectivity. The applicant proposes the planting of 28 native shrubs, grasses, and perennials in an area which currently exists as mowed lawn (directly adjacent to the shoreline and abutting the residential pier), and additional planting of 273 plants consisting of trees, shrubs, ferns, grasses, and perennials directly adjacent to the house and replacing removed impervious areas.

Proposed Impacts and Permitting

The proposed project will include impacts within the 250' shoreland zone and the 100' tidal buffer zone (TBZ) of the Piscataqua River. Additionally, the City of Portsmouth has

Migliori Residence | 04.01.2026 | 5010600.3340



mapped this shoreline of the Piscataqua River as a Prime Wetland; therefore, impacts to the duly-established 100' Prime Wetland Buffer area also proposed.

Due to the presence of the prime wetland directly adjacent to the project site, the project proposes impacts to a Prime Resource Area (PRA). However, the project does not propose any direct impacts to wetlands or wildlife habitats. Data screening in accordance with Env-Wt 603.03 suggests that the site contains salt marsh habitat and mudflats below the highest observable tide line (HOTL), but lacks the presence of shellfish and eelgrass beds. In the provided DataCheck report (DCT26-0753), some endangered species may utilize this habitat such as marsh elder (*Iva frutescens*), Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchus*), and shortnose sturgeon (*Acipenser brevirostrum*). However, the project does not propose any impacts below the HOTL; therefore, impacts to these species are not anticipated and no further ecological review is not required pursuant to the findings of the report.

The project is categorized as a coastal project and therefore must meet the applicable submission standards outlined both within Env-Wt 300 and Env-Wt 600. Additionally, due to the proposed 100' Prime Wetland Buffer impacts, additional submission materials pursuant to both Env-Wt 700 and Env-Wt 800 are also required. Due to the project's categorization as a minor impact project with impacts to a PRA, a coastal functional assessment and a vulnerability assessment are included in this application. The project's footprint is located entirely above HOTL; therefore, water depth supporting information and impacts to navigation and passage as outlined in Env-Wt 603.08 and 603.09 are not applicable to this project and are not provided.

Shoreland Impacts: In total, the development is expected to result in 7,421 SF of temporary impacts and 1,523 SF of permanent impacts to the shoreland zone. The extent of the impact of the project does not allow the applicant to apply for a PBN; therefore, a full Shoreland permit application is required.

The total impervious area on the site will be increased as a result of the site improvements. A breakdown of the current and proposed impervious areas are supplied in this application on Sheet C101 of the included plan set. Although the total impervious area will increase on the lot, the applicant has proposed the removal of existing impervious areas to maintain a relatively small amount of impervious area within the shoreland zone. The projected impervious area is anticipated to cover 17.3% of the lot; therefore, stormwater management is not proposed for this project.

The project site contains forested areas both to the north and southeast of the existing development. The natural woodland buffer on the site totals approximately 26,726 SF, of which 12,890 SF is currently unaltered. The applicant proposes to retain at least 25% of the



natural woodland buffer as unaltered woodland. The area proposed to remain unaltered is shown on Sheet C104 of the provided plan set.

Tidal Buffer Zone Impacts: Of the proposed shoreland impacts, 5,305 SF of temporary impacts and 1,399 SF of permanent impacts are proposed within the TBZ. Due to the proposed cumulative impacts surpassing 3,000 SF, the applicant is required to submit a Standard Dredge and Fill Wetlands permit application.

The project site contains a PRA. All TBZ impacts are also considered direct impacts to the 100' Prime Wetland Buffer that encompasses this area of the Piscataqua River. As such, Env-Wt 700 and 800 requires that the applicant offsets these impacts through a compensatory mitigation plan that specifically requires on-site mitigation pursuant to Env-Wt 704.03(c). However, Env-Wt 706.01(b) allows the applicant to submit a waiver for activities within a 100' Prime Wetland Buffer. Due to the proposed project occurring entirely in previously-developed areas, a waiver is requested for the project and is included in this application.

Avoidance, Minimization, and Alternatives Analysis

Off-site alternatives: The proposed project does not have any off-site alternatives. The applicants do not own any other properties within the vicinity of the project site to meet the project's purpose.

On-site alternatives: Alternative layouts and designs were considered during the conceptualization of the project.

1. **No-action alternative:** The applicant considered the option of leaving the site as-is with the existing stone patios for a recreational area. However, the size of the patio is too small to accommodate guests. Additionally, the location and elevation of the patio makes the recreational area susceptible to flooding as it is located entirely within the Flood Hazard Zone. The purpose of the project is to also make the dwelling and overall property more resilient to flooding and sea level rise, which a no-action alternative would not accomplish.
2. **Alternative locations for the deck:** The applicants considered placing the deck on the north side of the dwelling to reduce TBZ impacts. However, this design was not chosen as the placement of the deck in this location would require more extensive site grading, additional soil disturbance, removal of an existing stone wall and generator pad, removal of mature trees within the shoreland zone, and would result in a greater overall impervious area. Additionally, the area north of the existing structure is comprised of several ledge outcroppings and shallow soils. The



current location of the deck is placed over existing disturbed areas including lawn and impervious patios. These areas will be removed during construction. We believe that the proposed deck in the proposed location provides a reasonable use and minimizes cumulative impacts to the shoreland zone and overall property.

3. **Reducing size of the deck:** The applicants considered reducing the size of the deck to further reduce impacts to the shoreland zone. However, the size of the deck has been chosen specifically to accommodate the recreational needs of a large family while allowing a general meeting area of all guests away from the Flood Hazard Zone and surrounding wetlands.

Avoidance and Minimization: Several measures were taken to minimize overall impacts to the shoreland zone, TBZ, and adjacent wetland areas. The proposed development is located entirely within previously-disturbed areas that currently consist of lawn and impervious areas (stone patios, putting greens, etc.). The applicants proposed to place the deck in an area that would require the removal of a significant amount of impervious areas, therefore redeveloping a disturbed space. Additional impervious areas are being removed as well to reduce the increase in total impervious areas within the shoreland zone, such as the removal of the putting green. Vegetation is not anticipated to be removed during the construction of the deck and associated development. Additionally, the applicants propose a robust planting/landscaping plan comprised of 300 individual plantings of trees, shrubs, grasses, ferns, and perennials to bolster the riparian area of the salt marsh directly adjacent to the project site. Planting beds will be incorporated directly next to the salt marsh where lawn currently exists which will improve wildlife habitat connectivity between the upland and intertidal area as well as improve wetland/embankment functions such shoreline/sediment stabilization.

Construction Sequencing

Construction is anticipated to begin upon receipt of all applicable local, state, and federal permits. Construction is anticipated to start in the late spring/early summer of 2026 and be completed before the winter of 2026.

The general construction sequence is as follows:

1. Install perimeter erosion and sedimentation control measures prior to disturbance.
2. Construct a stabilized construction entrance to reduce removal of debris and sediments off-site.
3. Remove all debris and brush in vicinity of project location.
4. Perform demolition/removal of impervious areas.
5. Bulldoze topsoil into stockpiles and circle with silt socks.
6. Install deck and stairs.



7. Construct site improvements.
8. Finish all planting/landscaping work.
9. Remove temporary stabilization measures upon final site stabilization.

Additional construction sequencing details can be seen on Sheet C501 of the provided site plan set.

Erosion and Sedimentation Control

The applicants propose the use of erosion and sedimentation control measures during all phases of project construction. Silt socks downgradient of all disturbed areas and above the coastal wetland are proposed to reduce the risk of sedimentation to the resource during site grading. All disturbed areas will be mulched and seeded and will be inspected frequently to ensure an 85% vegetation survival rate.

Additional erosion control details, including vegetation planting details, are provided on Sheet C501 of the provided site plan set.

Conservation Commission Comments and Response

To be determined.



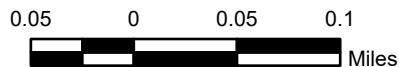
HALEY WARD

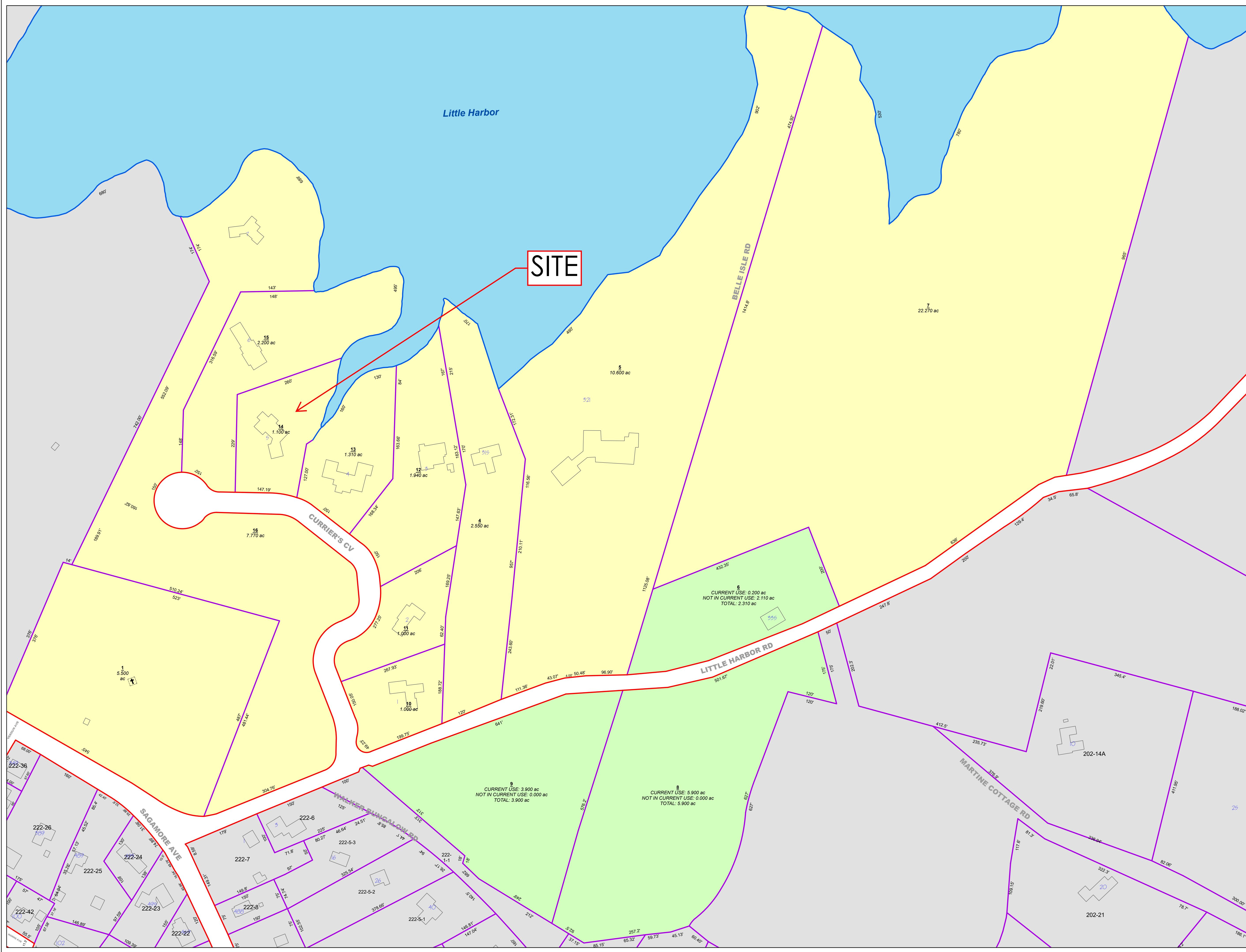
SITE LOCATION MAP

Migliori Residence - 5 Curriers Cove, Portsmouth, NH 03801

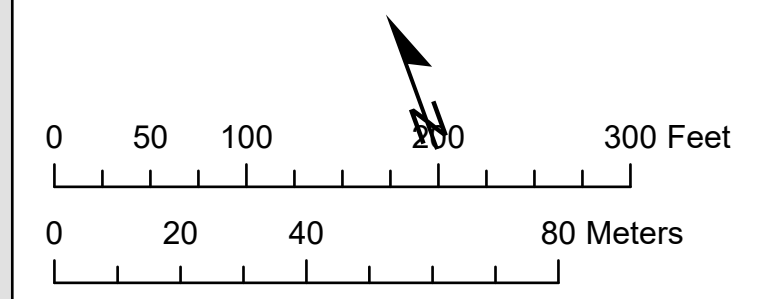


 Project Parcel

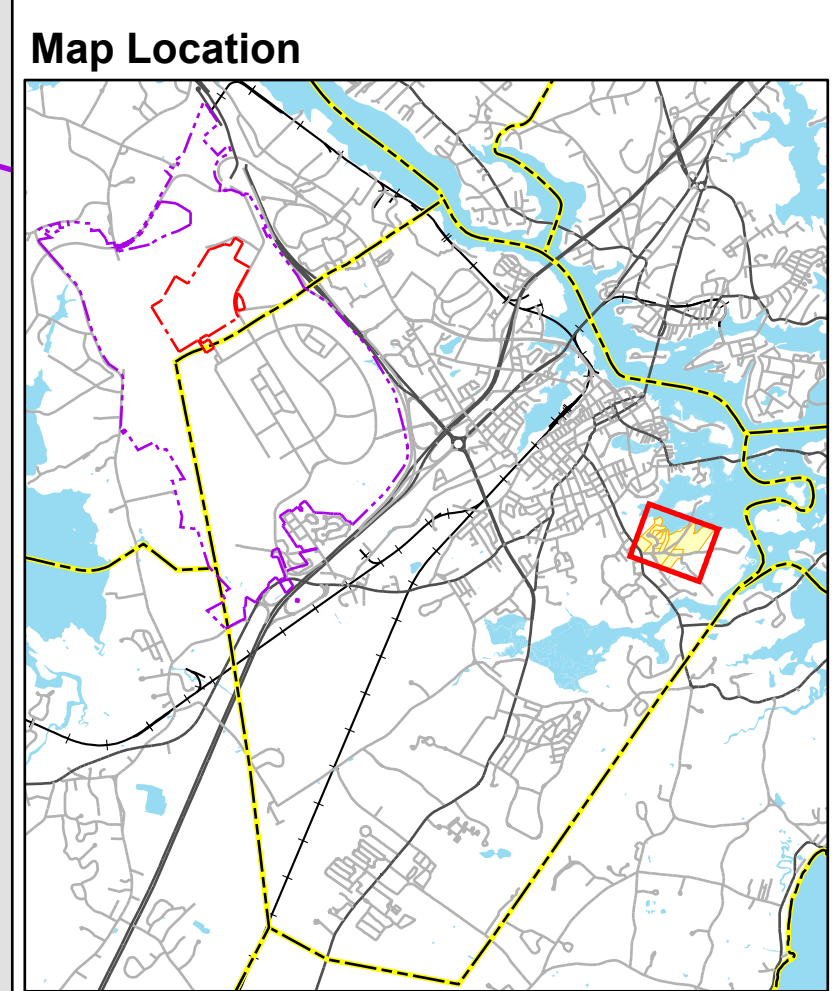
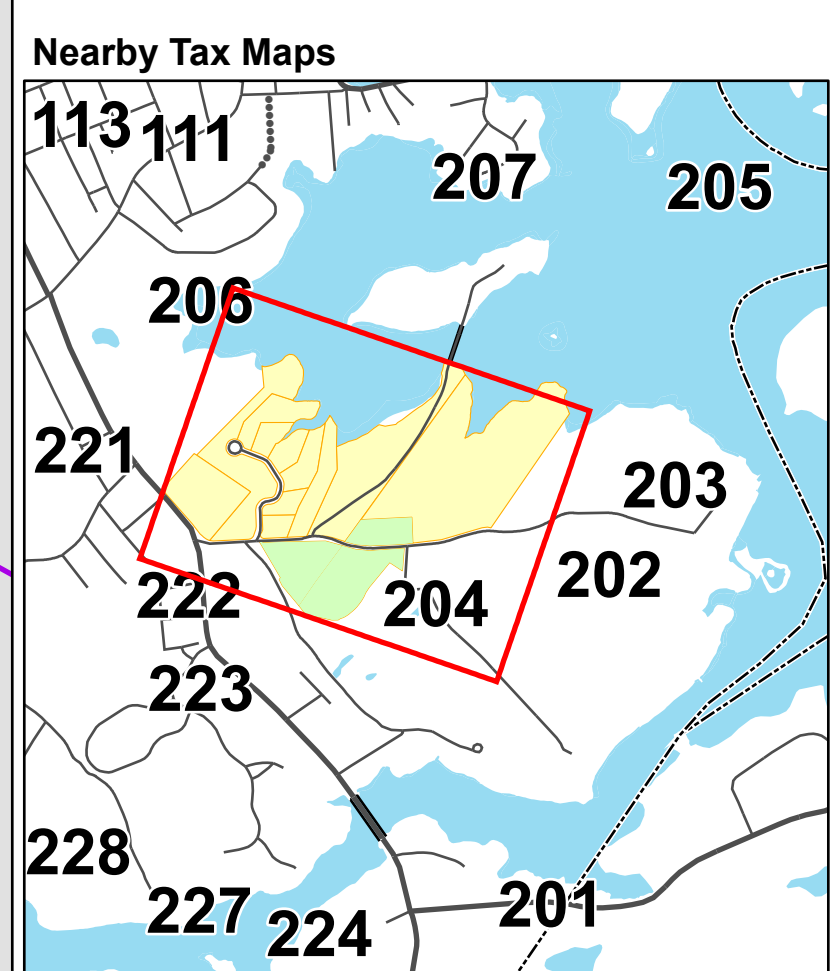




- Partial Legend**
 See the cover sheet for the complete legend.
- 7-5A** Lot or lot-unit number
 - 2.56 ac Parcel area in acres (ac) or square feet (sf)
 - 123 Address number
 - 233-137 Parcel number from a neighboring map
 - 68' Parcel line dimension
 - SIMS AVE Street name
 - Parcel/Parcel boundary
 - Parcel/ROW boundary
 - Water boundary
 - Structure (1994 data)
 - Parcel covered by this map
 - Parcel from a neighboring map (see other map for current status)



This map is for assessment purposes only. It is not intended for legal description or conveyance. Parcels are mapped as of April 1. Building footprints are 2006 data and may not represent current structures. Streets appearing on this map may be paper (unbuilt) streets. Lot numbers take precedence over address numbers. Address numbers shown on this map may not represent posted or legal addresses.



Portsmouth, New Hampshire
 2024
Tax Map 204



HALEY WARD

SITE PHOTOS

Migliori Residence - 5 Curriers Cove, Portsmouth, NH 03801

Photo No. 1	
Photo Date: 03/20/2026	
Site Location: 43°03'46.5"N 70°45'05.4"W	
Description: Stone patio proposed to be removed	
Photo By: KGF	

Photo No. 2	
Photo Date: 03/20/2026	
Site Location: 43°03'46.8"N 70°45'05.6"W	
Description: Proposed attachment point of deck on back of house	
Photo By: KGF	

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Photo No. 3	
Photo Date: 03/20/2026	
Site Location: 43°03'46.8"N 70°45'05.6"W	
Description: Proposed area of buffer plantings	
Photo By: KGF	

Photo No. 4	
Photo Date: 03/20/2026	
Site Location: 43°03'47.1"N 70°45'06.1"W	
Description: Putting green to be removed and replaced with landscaping	
Photo By: KGF	



Photo No. 5	
Photo Date: 03/20/2026	
Site Location: 43°03'47.1"N 70°45'06.1"W	
Description: Proposed location of stone path at north of residence	
Photo By: KGF	

Photo No. 6	
Photo Date: 03/20/2026	
Site Location: 43°03'45.8"N 70°45'05.9"W	
Description: Natural wooded buffer on southeastern end of property	
Photo By: KGF	



AVOIDANCE AND MINIMIZATION CHECKLIST

Water Division/Land Resources Management Wetlands Bureau



[Check the Status of your Application](#)

RSA/Rule: RSA 482-A/ Env-Wt 311.07(c)

This checklist can be used in lieu of the written narrative required by Env-Wt 311.07(a) to demonstrate compliance with requirements for Avoidance and Minimization (A/M), pursuant to RSA 482-A:1 and Env-Wt 311.07(c).

For the construction or modification of non-tidal shoreline structures over areas of surface waters without wetland vegetation, complete only Sections 1, 2, and 4 (or the applicable sections in [Attachment A: Minor and Major Projects \(NHDES-W-06-013\)](#)).

The following definitions and abbreviations apply to this worksheet:

- “A/M BMPs” stands for [Wetlands Best Management Practice Techniques for Avoidance and Minimization](#) dated 2019, published by the New England Interstate Water Pollution Control Commission (Env-Wt 102.18).
- “Practicable” means available and capable of being done after taking into consideration cost, existing technology, and logistics in light of overall project purposes (Env-Wt 103.62).

SECTION 1 - CONTACT/LOCATION INFORMATION		
APPLICANT LAST NAME, FIRST NAME, M.I.: Migliori, Jill & Scott		
PROJECT STREET ADDRESS: 5 Curriers Cove	PROJECT TOWN: Portsmouth	
TAX MAP/LOT NUMBER: 204/14		
SECTION 2 - PRIMARY PURPOSE OF THE PROJECT		
Env-Wt 311.07(b)(1)	Indicate whether the primary purpose of the project is to construct a water-access structure or requires access through wetlands to reach a buildable lot or the buildable portion thereof.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>If you answered “no” to this question, describe the purpose of the “non-access” project type you have proposed:</p> <p>The proposed project consists of the installation of a deck on the northeastern side of the dwelling, the installation of a new stone walking path that encompasses the northern portion of the dwelling, the installation of a small grill/recreational area, the removal of existing impervious areas, site regrading, and a robust landscaping and planting plan.</p> <p>The purpose of the project is to provide the applicants with a recreational area outside the boundary of the Flood Hazard Zone. The deck and grill area will be constructed at an elevation of at least 10’ above sea level, which is two feet above the FEMA mapped AE Flood Hazard Zone (EL 8). The proposed site regrading will also increase the flood resilience of the property by raising the elevation of the existing developed and landscaped areas directly adjacent to the dwelling. The applicant further intends to limit development with the Flood Hazard Zone by removing existing impervious areas next to the shoreline such as the removal of a stone patio and sitting area. The applicant proposes additional flood protection through a robust planting plan, which proposes to drastically increase the vegetative capacity of the waterfront buffer to withstand flood waters and increase habitat connectivity. The applicant proposes the planting of 28 native shrubs, grasses, and perennials in an area which currently exists as mowed lawn (directly adjacent to the shoreline and abutting the residential pier), and additional planting of 273 pla</p>		

irm@des.nh.gov or (603) 271-2147

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SECTION 3 - A/M PROJECT DESIGN TECHNIQUES		
Check the appropriate boxes below in order to demonstrate that these items have been considered in the planning of the project. Use N/A (not applicable) for each technique that is not applicable to your project.		
Env-Wt 311.07(b)(2)	For any project that proposes new permanent impacts of more than one acre or that proposes new permanent impacts to a Priority Resource Area (PRA), or both, whether any other properties reasonably available to the applicant, whether already owned or controlled by the applicant or not, could be used to achieve the project's purpose without altering the functions and values of any jurisdictional area, in particular wetlands, streams, and PRAs.	<input checked="" type="checkbox"/> Check <input type="checkbox"/> N/A
Env-Wt 311.07(b)(3)	Whether alternative designs or techniques, such as different layouts, construction sequencing, or alternative technologies could be used to avoid impacts to jurisdictional areas or their functions and values.	<input checked="" type="checkbox"/> Check <input type="checkbox"/> N/A
Env-Wt 311.07(b)(4) Env-Wt 311.10(c)(1) Env-Wt 311.10(c)(2)	The results of the functional assessment required by Env-Wt 311.03(b)(10) were used to select the location and design for the proposed project that has the least impact to wetland functions.	<input checked="" type="checkbox"/> Check <input type="checkbox"/> N/A
Env-Wt 311.07(b)(4) Env-Wt 311.10(c)(3)	Where impacts to wetland functions are unavoidable, the proposed impacts are limited to the wetlands with the least valuable functions on the site while avoiding and minimizing impacts to the wetlands with the highest and most valuable functions.	<input type="checkbox"/> Check <input checked="" type="checkbox"/> N/A
Env-Wt 313.01(c)(1) Env-Wt 313.01(c)(2) Env-Wt 313.03(b)(1)	No practicable alternative would reduce adverse impact on the area and environments under the department's jurisdiction and the project will not cause random or unnecessary destruction of wetlands.	<input checked="" type="checkbox"/> Check <input type="checkbox"/> N/A
Env-Wt 313.01(c)(3)	The project would not cause or contribute to the significant degradation of waters of the state or the loss of any PRAs.	<input checked="" type="checkbox"/> Check <input type="checkbox"/> N/A
Env-Wt 313.03(b)(3) Env-Wt 904.07(c)(8)	The project maintains hydrologic connectivity between adjacent wetlands or stream systems.	<input checked="" type="checkbox"/> Check <input type="checkbox"/> N/A
Env-Wt 311.10 A/M BMPs	Buildings and/or access are positioned away from high function wetlands or surface waters to avoid impact.	<input checked="" type="checkbox"/> Check <input type="checkbox"/> N/A
Env-Wt 311.10 A/M BMPs	The project clusters structures to avoid wetland impacts.	<input type="checkbox"/> Check <input checked="" type="checkbox"/> N/A
Env-Wt 311.10 A/M BMPs	The placement of roads and utility corridors avoids wetlands and their associated streams.	<input type="checkbox"/> Check <input checked="" type="checkbox"/> N/A
A/M BMPs	The width of access roads or driveways is reduced to avoid and minimize impacts. Pullouts are incorporated in the design as needed.	<input type="checkbox"/> Check <input checked="" type="checkbox"/> N/A
A/M BMPs	The project proposes bridges or spans instead of roads/driveways/trails with culverts.	<input type="checkbox"/> Check <input checked="" type="checkbox"/> N/A

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A/M BMPs	The project is designed to minimize the number and size of crossings, and crossings cross wetlands and/or streams at the narrowest point.	<input type="checkbox"/> Check <input checked="" type="checkbox"/> N/A
Env-Wt 500 Env-Wt 600 Env-Wt 900	Wetland and stream crossings include features that accommodate aquatic organism and wildlife passage.	<input type="checkbox"/> Check <input checked="" type="checkbox"/> N/A
Env-Wt 900	Stream crossings are sized to address hydraulic capacity and geomorphic compatibility.	<input type="checkbox"/> Check <input checked="" type="checkbox"/> N/A
A/M BMPs	Disturbed areas are used for crossings wherever practicable, including existing roadways, paths, or trails upgraded with new culverts or bridges.	<input type="checkbox"/> Check <input checked="" type="checkbox"/> N/A
SECTION 4 - NON-TIDAL SHORELINE STRUCTURES		
Env-Wt 313.03(c)(1)	The non-tidal shoreline structure has been designed to use the minimum construction surface area over surfaces waters necessary to meet the stated purpose of the structure.	<input type="checkbox"/> Check <input checked="" type="checkbox"/> N/A
Env-Wt 313.03(c)(2)	The type of construction proposed for the non-tidal shoreline structure is the least intrusive upon the public trust that will ensure safe navigation and docking on the frontage.	<input type="checkbox"/> Check <input checked="" type="checkbox"/> N/A
Env-Wt 313.03(c)(3)	The non-tidal shoreline structure has been designed to avoid and minimize impacts on the ability of abutting owners to use and enjoy their properties.	<input type="checkbox"/> Check <input checked="" type="checkbox"/> N/A
Env-Wt 313.03(c)(4)	The non-tidal shoreline structure has been designed to avoid and minimize impacts to the public's right to navigation, passage, and use of the resource for commerce and recreation.	<input type="checkbox"/> Check <input checked="" type="checkbox"/> N/A
Env-Wt 313.03(c)(5)	The non-tidal shoreline structure has been designed, located, and configured to avoid impacts to water quality, aquatic vegetation, and wildlife and finfish habitat.	<input type="checkbox"/> Check <input checked="" type="checkbox"/> N/A
Env-Wt 313.03(c)(6)	The non-tidal shoreline structure has been designed to avoid and minimize the removal of vegetation, the number of access points through wetlands or over the bank, and activities that may have an adverse effect on shoreline stability.	<input type="checkbox"/> Check <input checked="" type="checkbox"/> N/A



STANDARD DREDGE AND FILL
WETLANDS PERMIT APPLICATION
ATTACHMENT A: MINOR AND MAJOR PROJECTS



Water Division/Land Resources Management
Wetlands Bureau

[Check the Status of your Application](#)

RSA/ Rule: RSA 482-A/ Env-Wt 311.10; Env-Wt 313.01(a)(1); Env-Wt 313.03

APPLICANT'S NAME: Jill & Scott Migliori

TOWN NAME: Portsmouth

Attachment A is required for *all minor and major projects*, and must be completed *in addition* to the [Avoidance and Minimization Narrative](#) or [Checklist](#) that is required by Env-Wt 307.11.

For projects involving construction or modification of non-tidal shoreline structures over areas of surface waters having an absence of wetland vegetation, only Sections I.X through I.XV are required to be completed.

PART I: AVOIDANCE AND MINIMIZATION

In accordance with Env-Wt 313.03(a), the Department shall not approve any alteration of any jurisdictional area unless the applicant demonstrates that the potential impacts to jurisdictional areas have been avoided to the maximum extent practicable and that any unavoidable impacts have been minimized, as described in the [Wetlands Best Management Practice Techniques For Avoidance and Minimization](#).

SECTION I.I - ALTERNATIVES (Env-Wt 313.03(b)(1))

Describe how there is no practicable alternative that would have a less adverse impact on the area and environments under the Department's jurisdiction.

PLEASE REFER TO THE ATTACHED NARRATIVE.

SECTION I.II - MARSHES (Env-Wt 313.03(b)(2))

Describe how the project avoids and minimizes impacts to tidal marshes and non-tidal marshes where documented to provide sources of nutrients for finfish, crustacean, shellfish, and wildlife of significant value.

The project is located entirely in the upland within previously-developed area. No impacts to the freshwater wetland on site or the coastal marsh are proposed. The applicant proposes buffer plantings along the shoreline to increase habitat connectivity.

SECTION I.III - HYDROLOGIC CONNECTION (Env-Wt 313.03(b)(3))

Describe how the project maintains hydrologic connections between adjacent wetland or stream systems.

The application does not propose any impacts to wetland systems. No crossings, impervious areas, or any other form development with the potential to disrupt the hydrologic connection of wetlands on site are proposed.

SECTION I.IV - JURISDICTIONAL IMPACTS (Env-Wt 313.03(b)(4))

Describe how the project avoids and minimizes impacts to wetlands and other areas of jurisdiction under RSA 482-A, especially those in which there are exemplary natural communities, vernal pools, protected species and habitat, documented fisheries, and habitat and reproduction areas for species of concern, or any combination thereof.

The project site contains a freshwater wetland located in the southeastern portion of the parcel and a tidal wetland which abuts the site on the east. Site grading has been limited to areas outside the boundaries of these wetland systems with no proposed wetland impacts. The applicant intends to bolster the riparian area by planting additional shrubs and grasses, thus increasing the value of habitat and stabilization adjacent to the coastal system.

SECTION I.V - PUBLIC COMMERCE, NAVIGATION, OR RECREATION (Env-Wt 313.03(b)(5))

Describe how the project avoids and minimizes impacts that eliminate, depreciate or obstruct public commerce, navigation, or recreation.

The project does not propose any in-resource impacts. The proposed project is not anticipated to result in any change to public commerce, navigation, or recreation.

SECTION I.VI - FLOODPLAIN WETLANDS (Env-Wt 313.03(b)(6))

Describe how the project avoids and minimizes impacts to floodplain wetlands that provide flood storage.

The freshwater wetland to the southeast of the project site will not be impacted. No vegetation will be removed from this area nor will any site grading occur in this area.

SECTION I.VII - RIVERINE FORESTED WETLAND SYSTEMS AND SCRUB-SHRUB – MARSH COMPLEXES (Env-Wt 313.03(b)(7))

Describe how the project avoids and minimizes impacts to natural riverine forested wetland systems and scrub-shrub – marsh complexes of high ecological integrity.

A small forested floodplain exists on the southeastern portion of the parcel. The project proposes that this area is to be maintained as an unaltered natural wooded buffer and does not propose any removal of vegetation or site grading in this area.

SECTION I.VIII - DRINKING WATER SUPPLY AND GROUNDWATER AQUIFER LEVELS (Env-Wt 313.03(b)(8))

Describe how the project avoids and minimizes impacts to wetlands that would be detrimental to adjacent drinking water supply and groundwater aquifer levels.

All impacts are located upgradient of coastal and riparian freshwater wetland systems.

SECTION I.IX - STREAM CHANNELS (Env-Wt 313.03(b)(9))

Describe how the project avoids and minimizes adverse impacts to stream channels and the ability of such channels to handle runoff of waters.

No stream channels will be impacted as a result of the project.

SECTION I.X - SHORELINE STRUCTURES - CONSTRUCTION SURFACE AREA (Env-Wt 313.03(c)(1))

Describe how the project has been designed to use the minimum construction surface area over surface waters necessary to meet the stated purpose of the structures.

Does not apply - no structures are proposed over surface waters.

SECTION I.XI - SHORELINE STRUCTURES - LEAST INTRUSIVE UPON PUBLIC TRUST (Env-Wt 313.03(c)(2))

Describe how the type of construction proposed is the least intrusive upon the public trust that will ensure safe docking on the frontage.

Does not apply - no public trust in this area.

SECTION I.XII - SHORELINE STRUCTURES – ABUTTING PROPERTIES (Env-Wt 313.03(c)(3))

Describe how the structures have been designed to avoid and minimize impacts on ability of abutting owners to use and enjoy their properties.

Does not apply - no shoreline structures.

SECTION I.XIII - SHORELINE STRUCTURES – COMMERCE AND RECREATION (Env-Wt 313.03(c)(4))

Describe how the structures have been designed to avoid and minimize impacts to the public's right to navigation, passage, and use of the resource for commerce and recreation.

Does not apply - no shoreline structures and no in-resource work.

SECTION I.XIV - SHORELINE STRUCTURES – WATER QUALITY, AQUATIC VEGETATION, WILDLIFE AND FINFISH HABITAT (Env-Wt 313.03(c)(5))

Describe how the structures have been designed, located, and configured to avoid impacts to water quality, aquatic vegetation, and wildlife and finfish habitat.

N/A.

SECTION I.XV - SHORELINE STRUCTURES – VEGETATION REMOVAL, ACCESS POINTS, AND SHORELINE STABILITY (Env-Wt 313.03(c)(6))

Describe how the structures have been designed to avoid and minimize the removal of vegetation, the number of access points through wetlands or over the bank, and activities that may have an adverse effect on shoreline stability.

N/A

PART II: FUNCTIONAL ASSESSMENT	
REQUIREMENTS	Ensure that project meets the requirements of Env-Wt 311.10 regarding functional assessment (Env-Wt 311.04(j); Env-Wt 311.10).
FUNCTIONAL ASSESSMENT METHOD USED:	All wetlands on the site have been delineated using the Highway Methodology Workbook, Wetland Functions and Values: A Descriptive Approach. This method bases function and value determinations on the presence or absence of specific criteria for each of the 13 wetland functions and values. These criteria are assessed through direct field observations and a review of existing resource maps and databases.
NAME OF CERTIFIED WETLAND SCIENTIST (FOR NON-TIDAL PROJECTS) OR QUALIFIED COASTAL PROFESSIONAL (FOR TIDAL PROJECTS) WHO COMPLETED THE ASSESSMENT:	KEEGAN FEERO, PERMITTING SPECIALIST
DATE OF ASSESSMENT:	04/01/2026
Check this box to confirm that the application includes a NARRATIVE ON FUNCTIONAL ASSESSMENT:	<input checked="" type="checkbox"/>
For minor or major projects requiring a standard permit without mitigation, the applicant shall submit a wetland evaluation report that includes completed checklists and information demonstrating the RELATIVE FUNCTIONS AND VALUES OF EACH WETLAND EVALUATED. Check this box to confirm that the application includes this information, if applicable:	<input checked="" type="checkbox"/>
Note: The Wetlands Functional Assessment worksheet can be used to compile the information needed to meet functional assessment requirements.	



COASTAL RESOURCE WORKSHEET
Water Division/Land Resources Management
Wetlands Bureau



[Check the Status of your Application](#)

RSA/Rule: RSA 482-A/ Env-Wt 600

APPLICANT LAST NAME, FIRST NAME, M.I.: Migliori, Jill & Scott

This worksheet may be used to present the information required for projects in coastal areas, in addition to the information required for Lower-Scrutiny Approvals, Expedited Permits, and Standard Permits under Env-Wt 603.01.

Please refer to Env-Wt 605.03 for impacts requiring compensatory mitigation.

SECTION 1 - REQUIRED INFORMATION (Env-Wt 603.02; Env-Wt 603.06; Env-Wt 603.09)

The following information is required for projects in coastal areas.

Describe the purpose of the proposed project, including the overall goal of the project, the core project purpose consisting of a concise description of the facilities and work that could impact jurisdictional areas, and the intended project outcome. Specifically identify all natural resource assets in the area proposed to be impacted and include maps created through a data screening in accordance with Env-Wt 603.03 (refer to Section 2) and Env-Wt 603.04 (refer to Section 3) as attachments.

The purpose of the project is to provide the applicants with a recreational area outside the boundary of the Flood Hazard Zone. The deck and grill area will be constructed at an elevation of at least 10' above sea level, which is two feet above the FEMA mapped AE Flood Hazard Zone (EL 8). The proposed site regrading will also increase the flood resilience of the property by raising the elevation of the existing developed and landscaped areas directly adjacent to the dwelling. The applicant further intends to limit development with the Flood Hazard Zone by removing existing impervious areas next to the shoreline such as the removal of a stone patio and sitting area. The applicant proposes additional flood protection through a robust planting plan.

The project involves impacts to the shoreland zone, Tidal Buffer Zone, and a 100' Prime Wetland Buffer. The majority of temporary impacts consist of the planting of additional vegetation.

Applicable data screening maps have been attached to this application.

A prime wetlands waiver request for development in a developed tidal buffer zone is submitted alongside this application.

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For standard permit projects, provide:

- A Coastal Functional Assessment (CFA) report in accordance with Env-Wt 603.04 (refer to Section 3).
- A vulnerability assessment in accordance with Env-Wt 603.05 (refer to Section 4).

Explain all recommended methods and other considerations to protect the natural resource assets during and as a result of project construction in accordance with Env-Wt 311.07, Env-Wt 313, and Env-Wt 603.04.

A coastal functional assessment (CFA) and vulnerability assessment have been included in the application as the project is classified as a minor impact project due to the proximity of a high marsh below the HOTL and the amount of impact to the TBZ.

All development and construction access will occur from the upland. No crossings or disturbance of wetlands is required to install the proposed deck. Erosion and sedimentation control will be utilized downgradient of all disturbed areas and above all coastal salt marsh to minimize impacts from sedimentation during ground disturbance.

Provide a narrative showing how the project meets the standard conditions in Env-Wt 307 and the approval criteria in Env-Wt 313.01.

307.03, .04, .12 - The project will utilize erosion and sedimentation controls to prevent sediment leaving the site. These controls will be maintained through construction and removed following permanent site stabilization.

307.04 - Substantial earthwork or importation of materials which may contain seeds / propagules is not proposed.

307.06 - The project will not impact below HOTL where marsh elder occurs.

307.07 - Project will comply with RSA 483-B and has been designed to comply with env-Wq 1400. A shoreland application under separate cover will be submitted for the remaining development outside of the TBZ.

307.08, .09, .10 - The project does impact a prime wetland buffer; however, a waiver request will be submitted as all impact is within the developed TBZ.

307.13 - No portion of the development is within 10ft of any other properties.

307.16 - The contractor will be monitored to ensure compliance with the plans.

313 - Please refer to the attached functional assessment, vulnerability assessment, and plan set for compliance with Env-313.01.

Provide a project design narrative that includes the following:

- A discussion of how the proposed project:
 - Uses best management practices and standard conditions in Env-Wt 307;
 - Meets all avoidance and minimization requirements in Env-Wt 311.07 and Env-Wt 313.03;
 - Meets approval criteria in Env-Wt 313.01;
 - Meets evaluation criteria in Env-Wt 313.01(c);
 - Meets CFA requirements in Env-Wt 603.04; and
 - Considers sea-level rise and potential flooding evaluated pursuant to Env-Wt 603.05;
- A construction sequence, erosion/siltation control methods to be used, and a dewatering plan; and
- A discussion of how the completed project will be maintained and managed.

The project information narrative includes information regarding how the proposed project avoided/minimized impacts and meets approval/evaluation criteria in Env-Wt 313.01.

CFA and vulnerability assessments are included in the application.

Construction sequence notes and erosion/siltation control methods are outlined in the attached civil design plan set.

The deck will be maintained by the landowners. Planting beds will be monitored for 85% survival.

- Provide design plans that meet the requirements of Env-Wt 603.07 (refer to Section 5);
- Provide water depth supporting information required by Env-Wt 603.08 (refer to Section 6); and
- For any major project that proposes to construct a structure in tidal waters/wetlands or to extend an existing structure seaward, provide a statement from the Pease Development Authority Division of Ports and Harbors (DP&H) chief harbormaster, or designee, for the subject location relative to the proposed structure's impact on navigation. If the proposed structure might impede existing public passage along the subject shoreline on foot or by non-motorized watercraft, the applicant shall explain how the impediments have been minimized to the greatest extent practicable.

N/A

The project is sited entirely within the upland; therefore, water depth measurements are not provided in this application. No structures in tidal waters/wetlands are proposed.

HOTL elevation has been measured at 6'.

SECTION 2 - DATA SCREENING (Env-Wt 603.03, in addition to Env-Wt 306.05)

Please use the Wetland Permit Planning Tool, or any other database or source, to indicate the presence of:

- Existing salt marsh and salt marsh migration pathways;
- Eelgrass beds;
- Documented shellfish sites;
- Projected sea-level rise; and
- 100-year floodplain.

Conduct data screening as described to identify documented essential fish habitat, and tides and currents that may be impacted by the proposed project, by using the following links:

- [National Oceanic and Atmospheric Administration \(NOAA\) Tides & Currents](#); and
- [NOAA Essential Fish Habitat Mapper](#).
- Verify or correct the information collected from the data screenings by conducting an on-site assessment of the subject property in accordance with Env-Wt 406 and Env-Wt 603.04.

SECTION 3 - COASTAL FUNCTIONAL ASSESSMENT/ AVOIDANCE AND MINIMIZATION (Env-Wt 603.04; Env-Wt 605.01; Env-Wt 605.02; Env-Wt 605.03)

Projects in coastal areas shall:

- Not impair the navigation, recreation, or commerce of the general public; and
- Minimize alterations in prevailing currents.

An applicant for a permit for work in or adjacent to tidal waters/wetlands or the tidal buffer zone shall demonstrate that the following have been avoided or minimized as required by Env-Wt 313.04:

- Adverse impacts to beach or tidal flat sediment replenishment;
- Adverse impacts to the movement of sediments along a shore;
- Adverse impacts on a tidal wetland's ability to dissipate wave energy and storm surge; and
- Adverse impacts of project runoff on salinity levels in tidal environments.

For standard permit applications submitted for minor or major projects:

- Attach a CFA based on the data screening information and on-site evaluation required by Env-Wt 603.03. The CFA for tidal wetlands or tidal waters shall be:
 - Performed by a qualified coastal professional; and
 - Completed using one of the following methods:
 - a. The US Army Corps of Engineers (USACE) Highway Methodology Workbook, dated 1993, together with the USACE New England District *Highway Methodology Workbook Supplement*, dated 1999; or
 - b. An alternative scientifically-supported method with cited reference and the reasons for the alternative method substantiated.

For any project that would impact tidal wetlands, tidal waters, or associated sand dunes, the applicant shall:

- Use the results of the CFA to select the location of the proposed project having the least impact to tidal wetlands, tidal waters, or associated sand dunes;
- Design the proposed project to have the least impact to tidal wetlands, tidal waters, or associated sand dunes;
- Where impact to wetland and other coastal resource functions is unavoidable, limit the project impacts to the least valuable functions, avoiding and minimizing impact to the highest and most valuable functions; and
- Include on-site minimization measures and construction management practices to protect coastal resource areas.

Projects in coastal areas shall use results of this CFA to:

- Minimize adverse impacts to finfish, shellfish, crustacean, and wildlife;
- Minimize disturbances to groundwater and surface water flow;
- Avoid impacts that could adversely affect fish habitat, wildlife habitat, or both; and
- Avoid impacts that might cause erosion to shoreline properties.

SECTION 4 - VULNERABILITY ASSESSMENT (Env-Wt 603.05)

Refer to the New Hampshire Coastal Flood Risk Summary Part 1: Science and New Hampshire Coastal Flood Risk Summary Part II: Guidance for Using Scientific Projections or other best available science to:

Determine the time period over which the project is designed to serve.

Please refer to the attached vulnerability assessment.

Identify the project's relative risk tolerance to flooding and potential damage or loss likely to result from flooding to buildings, infrastructure, salt marshes, sand dunes and other valuable coastal resource areas.

Please refer to the attached vulnerability assessment.

Reference the projected sea-level rise (SLR) scenario that most closely matches the end of the project design life and the project's tolerance to risk or loss.

Please refer to the attached vulnerability assessment.

Identify areas of the proposed project site subject to flooding from SLR.

Please refer to the attached vulnerability assessment.

Identify areas currently located within the 100-year floodplain and subject to coastal flood risk.

Please refer to the attached vulnerability assessment.

Describe how the project design will consider and address the selected SLR scenario within the project design life, including in the design plans.

Please refer to the attached vulnerability assessment.

Where there are conflicts between the project's purpose and the vulnerability assessment results, schedule a pre-application meeting with the department to evaluate design alternatives, engineering approaches, and use of the best available science.

Pre-application meeting date held: **N/A**

SECTION 5 - DESIGN PLANS (Env-Wt 603.07, in addition to Env-Wt 311)

Submit design plans for the project in both plan and elevation views that clearly depict and identify all required elements.

The plan view shall depict the following:

- The engineering scale used, which shall be no larger than one inch equals 50 feet;
- The location of tidal datum lines depicted as lines with the associated elevation noted, based on North American Vertical Datum of 1988 (NAVD 88), derived from https://tidesandcurrents.noaa.gov/datum_options.html, as described in Section 6.
- An imaginary extension of property boundary lines into the waterbody and a 20-foot setback from those property line extensions;
- The location of all special aquatic sites at or within 100 feet of the subject property;
- Existing bank contours;
- The name and license number, if applicable, of each individual responsible for the plan, including:
 - a. The agent for tidal docking structures who determined elevations represented on plans; and
 - b. The qualified coastal professional who completed the CFA report and located the identified resources on the plan;
- The location and dimensions of all existing and proposed structures and landscape features on the property;
- Tidal datum(s) with associated elevations noted, based on NAVD 88; and
- Location of all special aquatic sites within 100-feet of the property.

The elevation view shall depict the following:

- The nature and slope of the shoreline;
- The location and dimensions of all proposed structures, including permanent piers, pilings, float stop structures, ramps, floats, and dolphins; and
- Water depths depicted as a line with associated elevation at highest observable tide, mean high tide, and mean low tide, and the date and tide height when the depths were measured. Refer to Section 6 for more instructions regarding water depth supporting information.

See specific design and plan requirements for certain types of coastal projects:

- Overwater structures (Env-Wt 606).
- Dredging activities (Env-Wt 607).
- Tidal beach maintenance (Env-Wt 608).
- Tidal shoreline stabilization (Env-Wt 609).
- Protected tidal zone (Env-Wt 610).
- Sand Dunes (Env-Wt 611).

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SECTION 6 - WATER DEPTH SUPPORTING INFORMATION REQUIRED (Env-Wt 603.08)

Using current predicted NOAA tidal datum for the location, and tying field measurements to NAVD 88, field observations of at least three tide events, including at least one minus tide event, shall be located to document the range of the tide in the proposed location showing the following levels:

- Mean lower low water;
- Mean low water;
- Mean high water;
- Mean tide level;
- Mean higher high water;
- Highest observable tide line; and
- Predicted sea-level rise as identified in the vulnerability assessment in Env-Wt 603.05.

The following data shall be presented in the application project narrative to support how water depths were determined:

- The date, time of day, and weather conditions when water depths were recorded; and
- The name and license number of the licensed land surveyor who conducted the field measurements.

For tidal stream crossing projects, provide:

- Water depth information to show how the tier 4 stream crossing is designed to meet Env-Wt 904.07(c) and (d).

For repair, rehabilitation or replacement of tier 4 stream crossings:

- Demonstrate how the requirements of Env-Wt 904.09 are met.

SECTION 7 - GENERAL CRITERIA FOR TIDAL BEACHES, TIDAL SHORELINE, AND SAND DUNES (Env-Wt 604.01)

Any person proposing a project in or on a tidal beach, tidal shoreline, or sand dune, or any combination thereof, shall evaluate the proposed project based on:

- The standard conditions in Env-Wt 307;
- The avoidance and minimization requirements in Env-Wt 311.07 and Env-Wt 313.03;
- The approval criteria in Env-Wt 313.01;
- The evaluation criteria in Env-Wt 313.05;
- The project specific criteria in Env-Wt 600;
- The CFA required by Env-Wt 603.04; and
- The vulnerability assessment required by Env-Wt 603.05.

New permanent impacts to sand dunes that provide coastal storm surge protection for protected species or habitat shall not be allowed except:

- To protect public safety; and
- Only if constructed by a state agency, coastal resiliency project, or for a federal homeland security project.

Projects in or on a tidal beach, tidal shoreline, or sand dune shall support integrated shoreline management that:

- Optimizes the natural function of the shoreline, including protection or restoration of habitat, water quality, and self-sustaining stability to flooding and storm surge; and
- Protects upland infrastructure from coastal hazards with a preference for living shorelines over hardened shoreline practices.

SECTION 8 - GENERAL CRITERIA FOR TIDAL BUFFER ZONES (Env-Wt 604.02)

The 100-foot statutory limit on the extent of the tidal buffer zone shall be measured horizontally. Any person proposing a project in or on an undeveloped tidal buffer zone shall evaluate the proposed project based on:

- The standard conditions in Env-Wt 307;
- The avoidance and minimization requirements in Env-Wt 311.07 and Env-Wt 313.03;
- The approval criteria in Env-Wt 313.01;
- The evaluation criteria in Env-Wt 313.05;
- The project specific criteria in Env-Wt 600;
- The CFA required by Env-Wt 603.04; and
- The vulnerability assessment required by Env-Wt 603.05.

Projects in or on a tidal buffer zone shall preserve the self-sustaining ability of the buffer area to:

- Provide habitat values;
- Protect tidal environments from potential sources of pollution;
- Provide stability of the coastal shoreline; and
- Maintain existing buffers intact where the lot has disturbed area defined under RSA 483-B:4, IV.

SECTION 9 - GENERAL CRITERIA FOR TIDAL WATERS/WETLANDS (Env-Wt 604.03)

Except as allowed under Env-Wt 606, permanent new impacts to tidal wetlands shall be allowed only to protect public safety or homeland security. Evaluation of impacts to tidal wetlands and tidal waters shall be based on:

- The standard conditions in Env-Wt 307;
- The avoidance and minimization requirements in Env-Wt 311.07 and Env-Wt 313.03;
- The approval criteria in Env-Wt 313.01;
- The evaluation criteria in Env-Wt 313.05;
- The project specific criteria in Env-Wt 600;
- The CFA required by Env-Wt 603.04; and
- The vulnerability assessment required by Env-Wt 603.05.

Projects in tidal surface waters or tidal wetlands shall:

- Optimize the natural function of the tidal wetland, including protection or restoration of habitat, water quality, and self-sustaining stability to storm surge;
- Be designed with a preference for living shorelines over hardened stabilization practices; and
- Be limited to public infrastructure or restoration projects that are in the interest of the general public, including a road, a bridge, energy infrastructure, or a project that addresses predicted sea-level rise and coastal flood risk.



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Appendix B

New Hampshire General Permits (GPs) Required Information and Corps Secondary Impacts Checklist

In order for the Corps of Engineers to properly evaluate your application, applicants must submit the following information along with the New Hampshire DES Wetlands Bureau application or permit notification forms. Some projects may require more information. For a more comprehensive checklist, go to <https://www.nae.usace.army.mil/Missions/Regulatory/> “Useful Documents, Forms and Publications” and then “Corps Application Form and Guidance.” Check with the Corps at (978) 318-8832 for project-specific requirements. For your convenience, this Appendix B is also attached to the State of New Hampshire DES Wetlands Bureau application and Permit by Notification forms.

All Projects:

- New Hampshire Department of Environmental Services (DES) Wetlands Permit Application.
- Request for Project Review Form by the New Hampshire Division of Historical Resources (DHR).
<https://www.nh.gov/nhdhr/review/rpr.htm>.
- Photographs of wetland/waterway to be impacted.
- Purpose of the project.
- Legible, reproducible plans no larger than 11”x17” with bar scale. Provide locus map and plan views of the entire property.
- Typical cross-section views of all wetland and waterway fill areas and wetland replication areas.
- In navigable waters, show mean low water (MLW) and mean high water (MHW) elevations. Show the high tide line (HTL) elevations when fill is involved. In other waters, show ordinary high water (OHW) elevation.
- On each plan, show the following for the project:
 - Vertical datum and the NAVD 1988 equivalent with the vertical units as U.S. feet. In coastal waters this may be mean higher high water (MHHW), mean high water (MHW), mean low water (MLW), mean lower low water (MLLW) or other tidal datum with the vertical units as U.S. feet. MLLW and MHHW are preferred. Provide the correction factor detailing how the vertical datum (e.g., MLLW) was derived using the latest National Tidal Datum Epoch for that area, typically 1983-2001.
 - Horizontal state plane coordinates in U.S. survey feet based on the Traverse Mercator Grid system for the State of New Hampshire (Zone 2800) NAD 83.
 - Project limits with existing and proposed conditions.
 - Limits of any Federal Navigation Project in the vicinity of the project area and horizontal State Plane Coordinates in U.S. survey feet for the limits of the proposed work closest to the Federal Navigation Project;
 - Volume, type, and source of fill material to be discharged into waters and wetlands, including the area(s) (in square feet or acres) of fill in wetlands, below the OHW in inland waters and below the HTL in coastal waters.
 - Delineation of all waterways and wetlands on the project site,;
- Use Federal delineation methods and include Corps wetland delineation data sheets (GC 2).
- For activities involving discharges of dredged or fill material into waters of the U.S., include a statement describing how impacts to waters of the U.S. are to be avoided and minimized, and either a statement describing how impacts to waters of the U.S. are to be compensated for (or a conceptual or detailed mitigation plan) or a statement explaining why compensatory mitigation should not be required for the proposed impacts. Please contact the Corps for guidance.



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**New Hampshire General Permits (GPs)
Appendix B - Corps Secondary Impacts Checklist
(for inland wetland/waterway fill projects in New Hampshire)**

1. Attach any explanations to this checklist. Lack of information could delay a Corps permit determination.
2. All references to “work” include all work associated with the project construction and operation. Work includes filling, clearing, flooding, draining, excavation, dozing, stumping, etc.
3. See GC 5, regarding single and complete projects.
4. Contact the Corps at (978) 318-8832 with any questions.

1. Impaired Waters	Yes	No
1.1 Will any work occur within 1 mile upstream in the watershed of an impaired water? See http://des.nh.gov/organization/divisions/water/wmb/section401/impaired_waters.htm to determine if there is an impaired water in the vicinity of your work area.*		X
2. Wetlands	Yes	No
2.1 Are there are streams, brooks, rivers, ponds, or lakes within 200 feet of any proposed work?	X	
2.2 Are there proposed impacts to SAS, special wetlands. Applicants may obtain information from the NH Department of Resources and Economic Development Natural Heritage Bureau (NHB) DataCheck Tool for information about resources located on the property at https://www2.des.state.nh.us/nhb_datacheck/ . The book Natural Community Systems of New Hampshire also contains specific information about the natural communities found in NH.		X
2.3 If wetland crossings are proposed, are they adequately designed to maintain hydrology, sediment transport & wildlife passage?		NA
2.4 Would the project remove part or all of a riparian buffer? (Riparian buffers are lands adjacent to streams where vegetation is strongly influenced by the presence of water. They are often thin lines of vegetation containing native grasses, flowers, shrubs and/or trees that line the stream banks. They are also called vegetated buffer zones.)		X
2.5 The overall project site is more than 40 acres?		X
2.6 What is the area of the previously filled wetlands?	0	
2.7 What is the area of the proposed fill in wetlands?	0	
2.8 What is the % of previously and proposed fill in wetlands to the overall project site?	0	
3. Wildlife	Yes	No
3.1 Has the NHB & USFWS determined that there are known occurrences of rare species, exemplary natural communities, Federal and State threatened and endangered species and habitat, in the vicinity of the proposed project? (All projects require an NHB ID number & a USFWS IPAC determination.) NHB DataCheck Tool: https://www2.des.state.nh.us/nhb_datacheck/ USFWS IPAC website: https://ecos.fws.gov/ipac/location/index	X	

3.2 Would work occur in any area identified as either “Highest Ranked Habitat in N.H.” or “Highest Ranked Habitat in Ecological Region”? (These areas are colored magenta and green, respectively, on NH Fish and Game’s map, “2010 Highest Ranked Wildlife Habitat by Ecological Condition.”) Map information can be found at: <ul style="list-style-type: none"> • PDF: https://wildlife.state.nh.us/wildlife/wap-high-rank.html. • Data Mapper: www.granit.unh.edu. • GIS: www.granit.unh.edu/data/downloadfreedata/category/databycategory.html. 	X	
3.3 Would the project impact more than 20 acres of an undeveloped land block (upland, wetland/waterway) on the entire project site and/or on an adjoining property(s)?		X
3.4 Does the project propose more than a 10-lot residential subdivision, or a commercial or industrial development?		X
3.5 Are stream crossings designed in accordance with the GC 21?		NA
4. Flooding/Floodplain Values	Yes	No
4.1 Is the proposed project within the 100-year floodplain of an adjacent river or stream?	X	
4.2 If 4.1 is yes, will compensatory flood storage be provided if the project results in a loss of flood storage?	X	
5. Historic/Archaeological Resources		
For a minimum, minor or major impact project - a copy of the Request for Project Review (RPR) Form (www.nh.gov/nhdhr/review) with your DES file number shall be sent to the NH Division of Historical Resources as required on Page 11 GC 8(d) of the GP document**		NA

*Although this checklist utilizes state information, its submittal to the Corps is a Federal requirement.

** If your project is not within Federal jurisdiction, coordination with NH DHR is not required under Federal law.

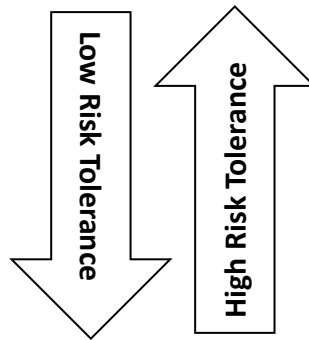
SECTION 10 – GUIDANCE

Your application must follow the New Hampshire Coastal Risk and Hazards Commission’s Guiding Principles or other best available science. Below are some of these guidance principles:

- Incorporate science-based coastal flood risk projections into planning;
- Apply risk tolerance* to assessment, planning, design, and construction;
- Protect natural resources and public access;
- Create a bold vision, start immediately, and respond incrementally and opportunistically as projected coastal flood risks increase over time; and
- Consider the full suite of actions including effectiveness and consequences of actions.

*Risk tolerance is a project’s willingness to accept a higher or lower probability of flooding impacts. The diagram below gives examples of project with lower and higher risk tolerance:

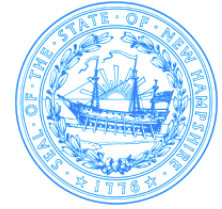
Critical infrastructures, historic sites, essential ecosystems, and high value assets typically have lower risk tolerance, and thus should be planned, designed, and constructed using higher coastal flood risk projections.



Sheds, pathways, and small docks typically have higher risk tolerance and thus may be planned, designed, and constructed using less protective coastal flood risk projections.



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES



Robert R. Scott, Commissioner

To: Keegan Feero, Haley Ward, Inc.
120 Main Street Suite 132
Saco, ME 04072
kfeero@haleyward.com

From: Ecological Review Section
New Hampshire Department of Environmental Services

cc: NHFG Review, David Simmons

Date: 03/27/2026 (valid until 03/27/2027)

Re: DataCheck Review by NHDES Ecological Review Section

Permits: NHDES - Shoreland Standard Permit, NHDES - Wetlands Standard Dredge & Fill

DCT ID: DCT26-0753

Town: Portsmouth
Location: 5 Curriers Cove

Project Description: The proposed project is the construction of a deck, walking paths, grill area, and site regrading. The project involves 1,523 SF of permanent impacts and 5,743 SF of temporary impacts to the shoreland zone, of which 94 SF of permanent impacts and 2,071 square feet of temporary impacts are within the waterfront buffer. 1,305 SF of permanent impacts and 2,367 SF of temporary impacts are proposed within the TBZ.

Next Steps for Applicants:

The New Hampshire Department of Environmental Services (NHDES) Ecological Review Section has reviewed the provided mapped project area against available records of protected species, Exemplary Natural Communities (ENCs), and critical habitat. Based on the project mapping and submitted information, protected species may be impacted by the proposed work activities. Please carefully read the comments and instructions below for next steps to avoid and minimize impacts.

Plant and Exemplary Natural

Community Comments: If no impacts are proposed to occur below the highest observable tide line, then there is no need for an ecological review for plants. If impacts are proposed to occur below the highest observable tide line, then an ecological review with NHDES is required, and a \$500 ecological review fee is NOT required. Please refer to the list below of plant species, protected pursuant to RSA 217-A, that could be impacted by the proposed project if there will be impacts below the highest observable tide line. To request an ecological review and receive conservation measures to avoid and minimize impacts, follow the instructions provided below.

Wildlife and Critical Habitat

Comments: As long as proper erosion and sediment controls are used and no work is proposed below the highest observable tide line, impacts to protected wildlife are not expected and no ecological review is needed.

www.des.nh.gov
29 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3503 • Fax: (603) 271-2867 • TDD Access: Relay NH 1-800-735-2964

Ecological Review Instructions

Pursuant to Env-C 804.01, ecological reviews are either required by rule or recommended to comply with RSA 212-A and 217-A. Pursuant to Env-C 804.02, required ecological reviews that meet certain criteria must pay a \$500 fee to request an ecological review.

Instructions regarding how to request an ecological review for plants and/or wildlife are provided below:

When is an Ecological Review for Plants and Exemplary Natural Communities Needed

If this letter includes records of protected plants and/or exemplary natural communities, you may request an Ecological Review from NHDES (see further instructions below).

If no plant or exemplary natural communities are included on this letter, no further plant review is needed.

When is an Ecological Review for Wildlife and Critical Habitat Needed

If this letter includes records of protected wildlife and/or critical habitat, please refer to one of the following next steps:

- a. If your project requires an NHDES permit, authorization, or approval you may request an Ecological Review from NHDES (see further instructions below).
- b. If your project **does not** need an NHDES permit, authorization, or approval, then no ecological review with NHDES is needed. Instead, you can request a review from the New Hampshire Fish and Game (NHFG) Nongame and Endangered species program. Contact NHFGreview@wildlife.nh.gov or 603-271-2461 to request a review with NHFG.

If no wildlife species or critical habitat are included on this letter, then no further wildlife review is needed.

How to Request an Ecological Review from NHDES

To request an ecological review, access and complete the [Ecological Review Request form](#) found at onlineforms.nh.gov.

Submit the completed form and all required attachments by email, mail, or hand delivery to:

New Hampshire Department of Environmental Services
Attn: Ecological Review Section
P.O. Box 95
29 Hazen Drive
Concord, NH 03302-0095
EcologicalReviews@des.nh.gov

For questions about requesting an ecological review, call 603-271-7972.

Federal Compliance

This letter does not constitute compliance with the federal Endangered Species Act (ESA). There may be federally listed species in New Hampshire that are impacted by your activity not included in this letter. For ESA compliance, please visit the US Fish and Wildlife Service's (USFWS) [Information for Planning and Consultation \(iPaC\) website](#) for an official list of federally listed species that may be present in your project area. If a federal agency is involved in your project through funding, permit or other authorization, coordinate your iPaC results with your point of contact at the agency for further ESA review. If there is no federal agency nexus to your project, and you determine through iPaC, habitat evaluations etc. that a project may cause take of a federally listed species, we recommend coordinating with the USFWS' New England Field Office (newengland@fws.gov or [603-223-2541](tel:603-223-2541)).

Ecological Review Database records:

The following species and habitats may be impacted by the proposed work activities. Please refer to this list when coordinating.

Plant species	State¹	Federal	Notes
marsh elder (<i>Iva frutescens</i>)	T	--	Threats are primarily alterations to the hydrology of the wetland, such as ditching or tidal restrictions that might affect the sheet flow of tidal waters across the intertidal flat, activities that eliminate plants, and increased input of nutrients and pollutants in storm runoff.

Vertebrate species	State¹	Federal	Notes
Atlantic Sturgeon (<i>Acipenser oxyrinchus oxyrinchus</i>)	T	T	Contact the NH Fish & Game Dept and the US Fish & Wildlife Service (see above).
Shortnose Sturgeon (<i>Acipenser brevirostrum</i>)	E	E	Contact the NH Fish & Game Dept and the US Fish & Wildlife Service (see above).

¹Codes: "E" = Endangered, "T" = Threatened, "SC" = Special Concern, "--" = an exemplary natural community, or a rare species tracked by NH Natural Heritage that has not yet been added to the official state list.

Disclaimer:

DataCheck Tool screening only includes occurrences of protected species and exemplary natural communities that have been documented and verified by state biologists and ecologists. This letter does not guarantee these are the only protected species and habitat present at this location, only that their presence has not been documented and verified by state biologists and ecologists. As many areas have never been surveyed, or have only been surveyed for certain species, on site surveys are the best way to determine the resources present on your site.

DCT26-0753



Legend

- City/Town
- Site bounds

www.des.nh.gov
29 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3503 • Fax: (603) 271-2867 • TDD Access: Relay NH 1-800-735-2964

EFH Mapper Report

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







Degrees, Minutes, Seconds: Latitude = 43° 3' 47" N, Longitude = 71° 14' 55" W
Decimal Degrees: Latitude = 43.063, Longitude = -70.751



























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

***** WARNING *****

Please note under "Life Stage(s) Found at Location" the category "ALL" indicates that all life stages of that species share the same map and are designated at the queried location.

EFH

Link	Data Caveats	Species/Management Unit	Lifestage(s) Found at Location	Management Council	FMP
		Atlantic Butterfish	Adult	Mid-Atlantic	Atlantic Mackerel, Squid,& Butterfish Amendment 11
		Atlantic Cod	Adult, Eggs, Larvae	New England	Amendment 14 to the Northeast Multispecies FMP
		Atlantic Herring	Adult, Juvenile, Larvae	New England	Amendment 3 to the Atlantic Herring FMP

Link	Data Caveats	Species/Management Unit	Lifestage(s) Found at Location	Management Council	FMP
		Atlantic Mackerel	Eggs, Juvenile, Larvae	Mid-Atlantic	Atlantic Mackerel, Squid,& Butterfish Amendment 11
		Atlantic Sea Scallop	ALL	New England	Amendment 14 to the Atlantic Sea Scallop FMP
		Atlantic Wolffish	ALL	New England	Amendment 14 to the Northeast Multispecies FMP
		Bluefish	Adult, Juvenile	Mid-Atlantic	Bluefish
		Little Skate	Adult, Juvenile	New England	Amendment 2 to the Northeast Skate Complex FMP
		Pollock	Eggs, Juvenile, Larvae	New England	Amendment 14 to the Northeast Multispecies FMP
		Red Hake	Adult, Eggs/Larvae/Juvenile	New England	Amendment 14 to the Northeast Multispecies FMP
		Smooth Skate	Juvenile	New England	Amendment 2 to the Northeast Skate Complex FMP
		Thorny Skate	Juvenile	New England	Amendment 2 to the Northeast Skate Complex FMP
		White Hake	Adult, Eggs, Juvenile	New England	Amendment 14 to the Northeast Multispecies FMP
		Windowpane Flounder	Adult, Eggs, Juvenile, Larvae	New England	Amendment 14 to the Northeast Multispecies FMP
		Winter Flounder	Eggs, Juvenile, Larvae/Adult	New England	Amendment 14 to the Northeast Multispecies FMP
		Winter Skate	Juvenile	New England	Amendment 2 to the Northeast Skate Complex FMP

Pacific Salmon EFH

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

Atlantic Salmon

No Atlantic Salmon 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 -->](#)**

All EFH species have been mapped for the Greater Atlantic region,

Atlantic Highly Migratory Species EFH,

Bigeye Sand Tiger Shark,

Bigeye Sixgill Shark,

Caribbean Sharpnose Shark,

Galapagos Shark,

Narrowtooth Shark,

Sevengill Shark,

Sixgill Shark,

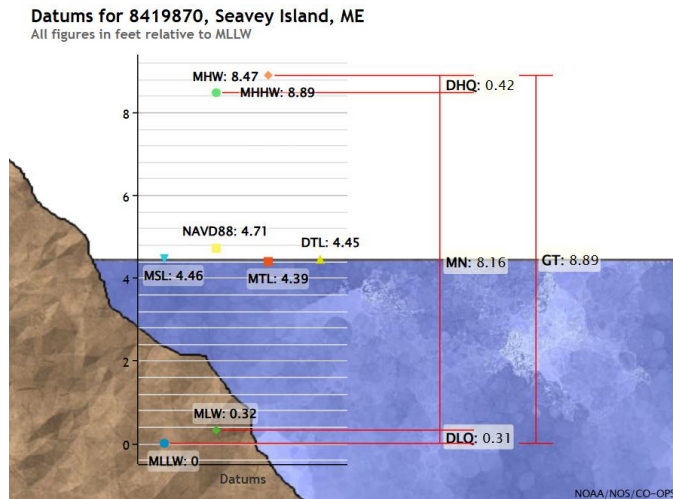
Smooth Hammerhead Shark,

Smalltail Shark



TIDE INFORMATION

Migliori Residence -5 Curriers Cove, Portsmouth, NH 03801



Elevations on Mean Lower Low Water

Station: 8419870, Seavey Island, ME

Status: Accepted (Dec 06 2021)

Units: Feet

Control Station: 8418150 Portland, ME

T.M.: 75

Epoch: 1983-2001

Datum: MLLW

Datum	Value	Description
MHHW	8.89	Mean Higher-High Water
MHW	8.47	Mean High Water
MTL	4.39	Mean Tide Level
MSL	4.46	Mean Sea Level
DTL	4.45	Mean Diurnal Tide Level
MLW	0.32	Mean Low Water
MLLW	0.00	Mean Lower-Low Water
NAVD88	4.71	North American Vertical Datum of 1988
STND	-2.27	Station Datum
GT	8.89	Great Diurnal Range
MN	8.16	Mean Range of Tide
DHQ	0.42	Mean Diurnal High Water Inequality
DLQ	0.31	Mean Diurnal Low Water Inequality
HWI	3.92	Greenwich High Water Interval (in hours)
LWI	10.04	Greenwich Low Water Interval (in hours)
Max Tide	13.07	Highest Observed Tide
Max Tide Date & Time	01/13/2024 22:18	Highest Observed Tide Date & Time
Min Tide	-3.27	Lowest Observed Tide
Min Tide Date & Time	11/30/1955 00:00	Lowest Observed Tide Date & Time
HAT	10.58	Highest Astronomical Tide
HAT Date & Time	05/19/2034 04:30	HAT Date and Time
LAT	-1.80	Lowest Astronomical Tide
LAT Date & Time	01/14/2036 23:00	LAT Date and Time

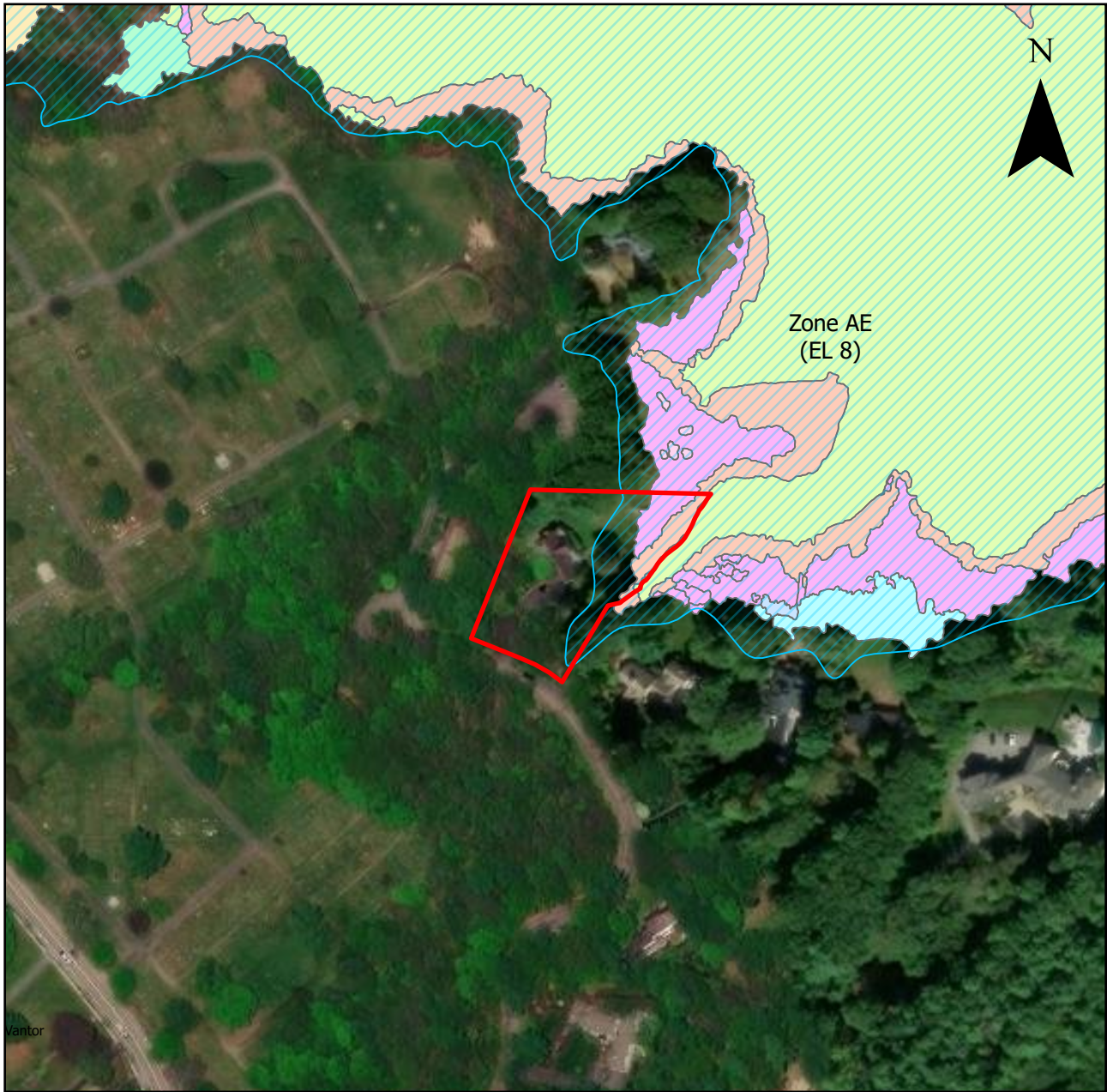
Migliori Residence | 04.03.2026 | 5010600.3340











HALEY WARD

Floodplain and Tidal Wetlands

Migliori Residence - 5 Curriers Cove, Portsmouth NH 03801

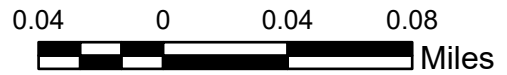


Wetland Type

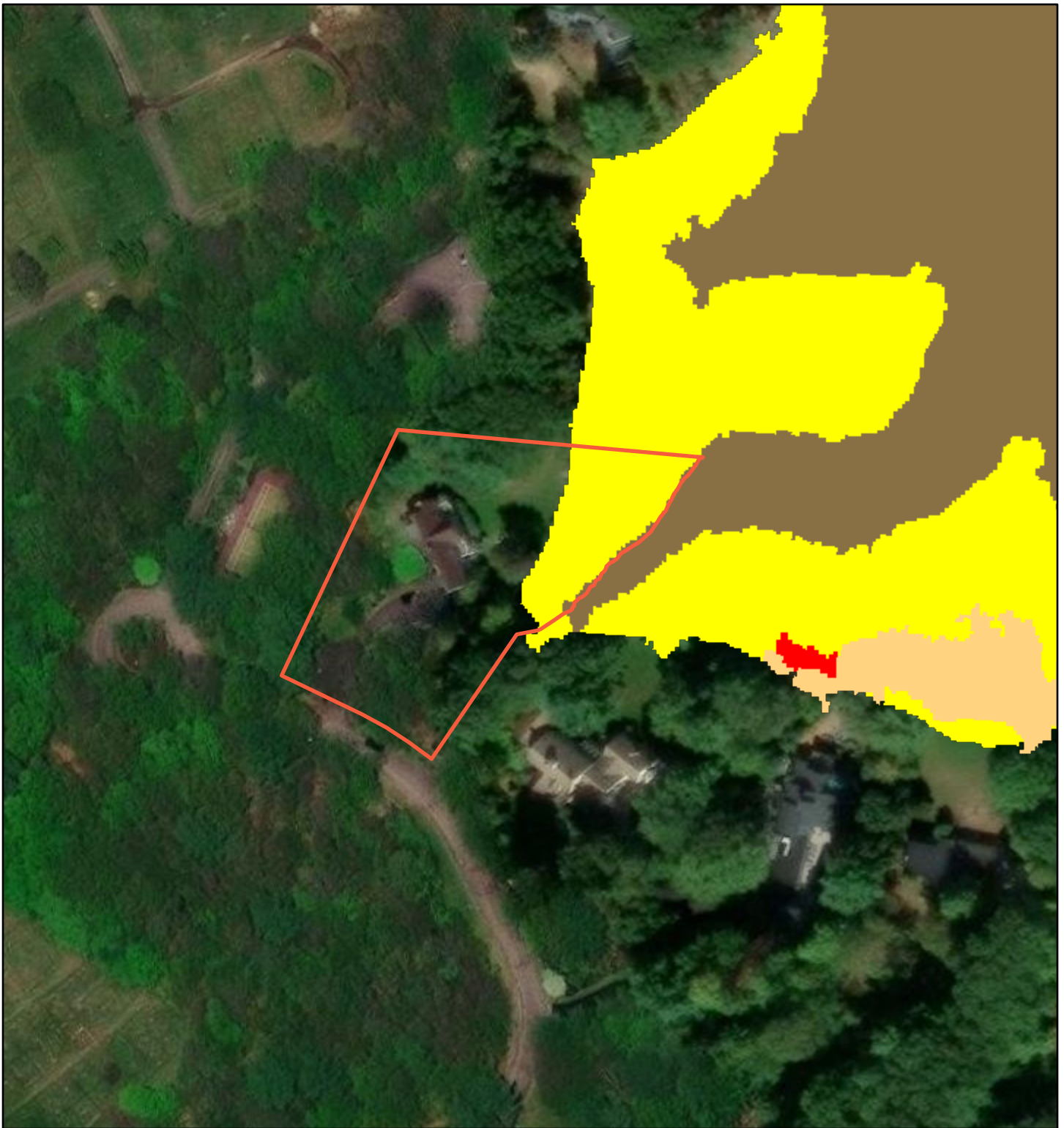
-  Brackish Marsh
-  High marsh
-  Low Marsh
-  Mudflat
-  Panne or Pool
-  Phragmites australis
-  Recently Flooded Forest
-  Terrestrial border

 Project Parcel






 Flood Hazard Zone



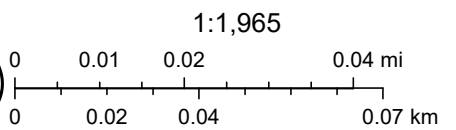
Marsh Migration - Initial Conditions



3/30/2026, 11:19:28 AM

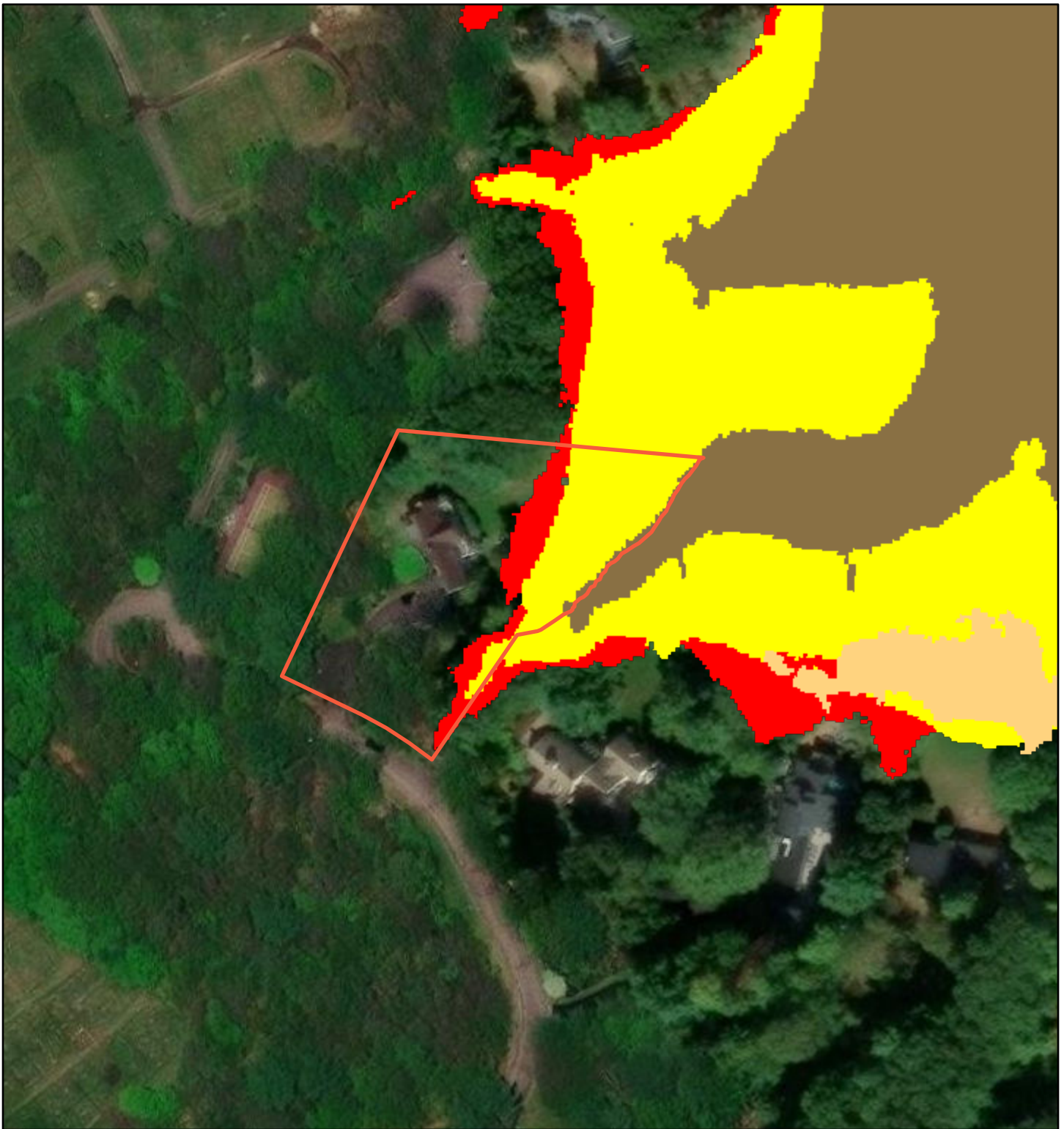
-  Project Parcel
- SLAMM 2022 - Initial Conditions
 -  Mud flat
 -  Salt marsh
 -  Tidal wetland
 -  Transitional salt marsh

World Imagery
Low Resolution 15m Imagery
High Resolution 60cm Imagery
High Resolution 30cm Imagery
Citations



Microsoft, Vantor

Marsh Migration - 0.3m 2050



3/30/2026, 11:22:14 AM

Project Parcel
SLAMM 2022 - 0.3-m SLR at Year 2050

- Mud flat
- Salt marsh
- Tidal wetland
- Transitional salt marsh

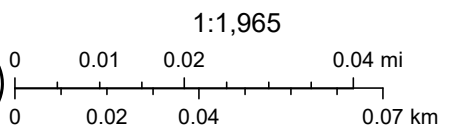
World Imagery

Low Resolution 15m Imagery

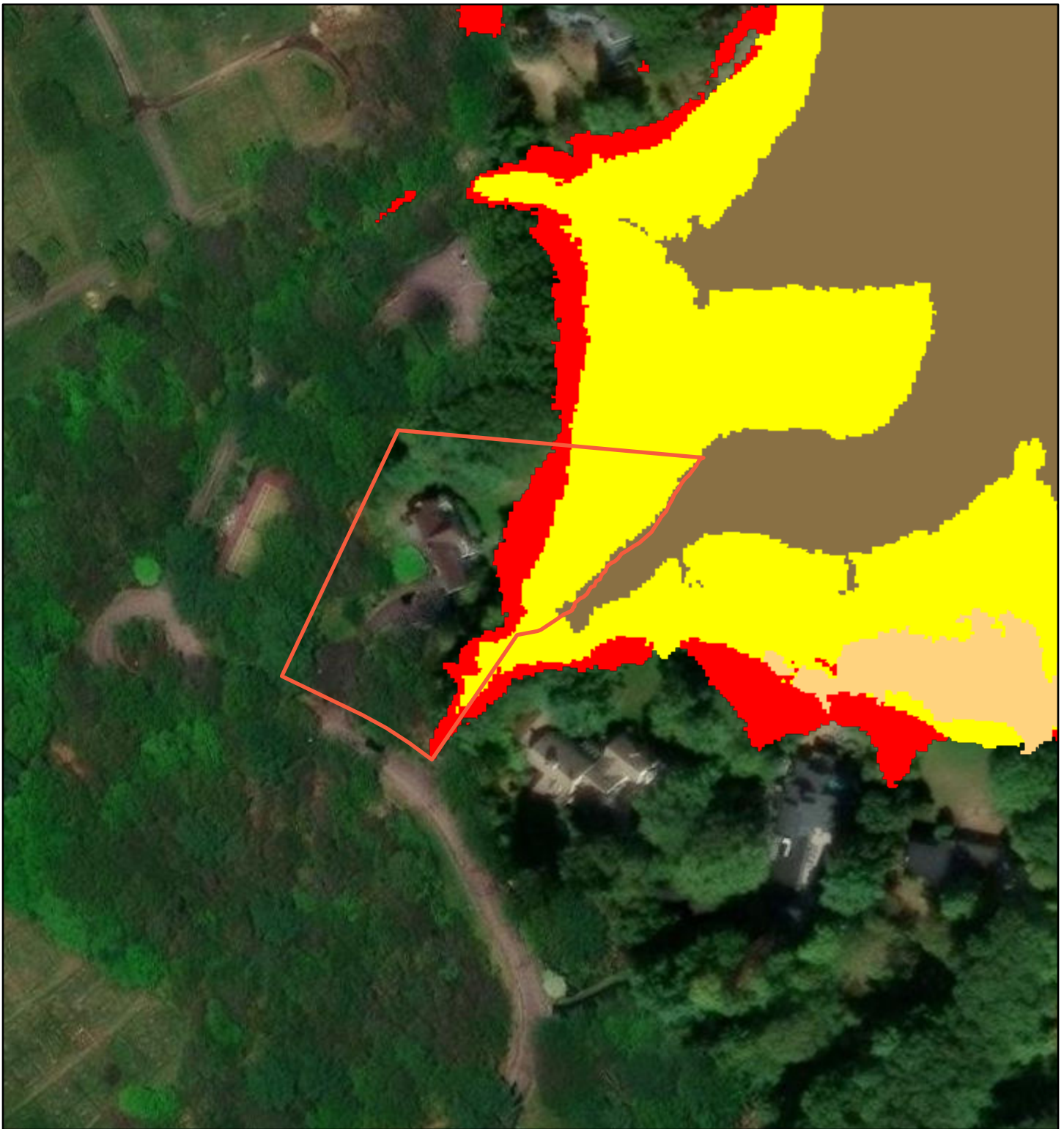
High Resolution 60cm Imagery

High Resolution 30cm Imagery Microsoft, Vantor

Citations




Marsh Migration - 0.5m 2050



3/30/2026, 11:25:11 AM

 Project Parcel

SLAMM 2022 - 0.5-m SLR at Year 2050

 Mud flat

 Salt marsh

 Tidal water

 Tidal wetland

 Transitional salt marsh

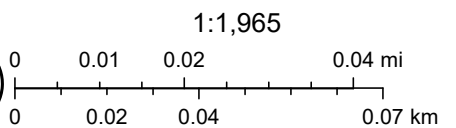
World Imagery

Low Resolution 15m Imagery

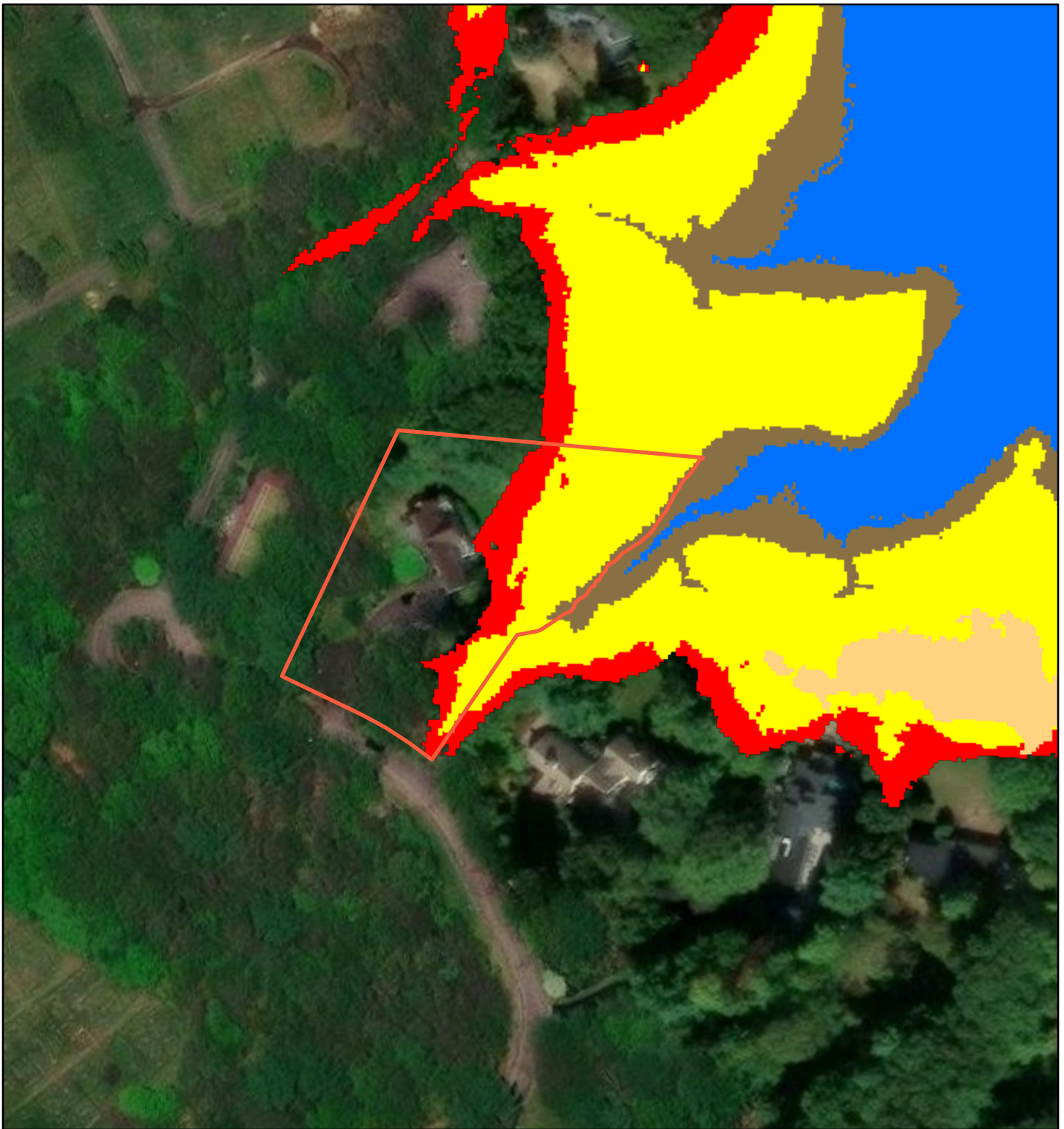
High Resolution 60cm Imagery Microsoft, Vantor

High Resolution 30cm Imagery

Citations




Marsh Migration - 0.75m 2100



3/30/2026, 11:28:40 AM

 Project Parcel


SLAMM 2022 - 0.75-m SLR at Year 2100

 Mud flat

 Salt marsh

 Tidal water

 Tidal wetland

 Transitional salt marsh

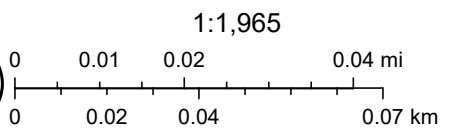
World Imagery

Low Resolution 15m Imagery

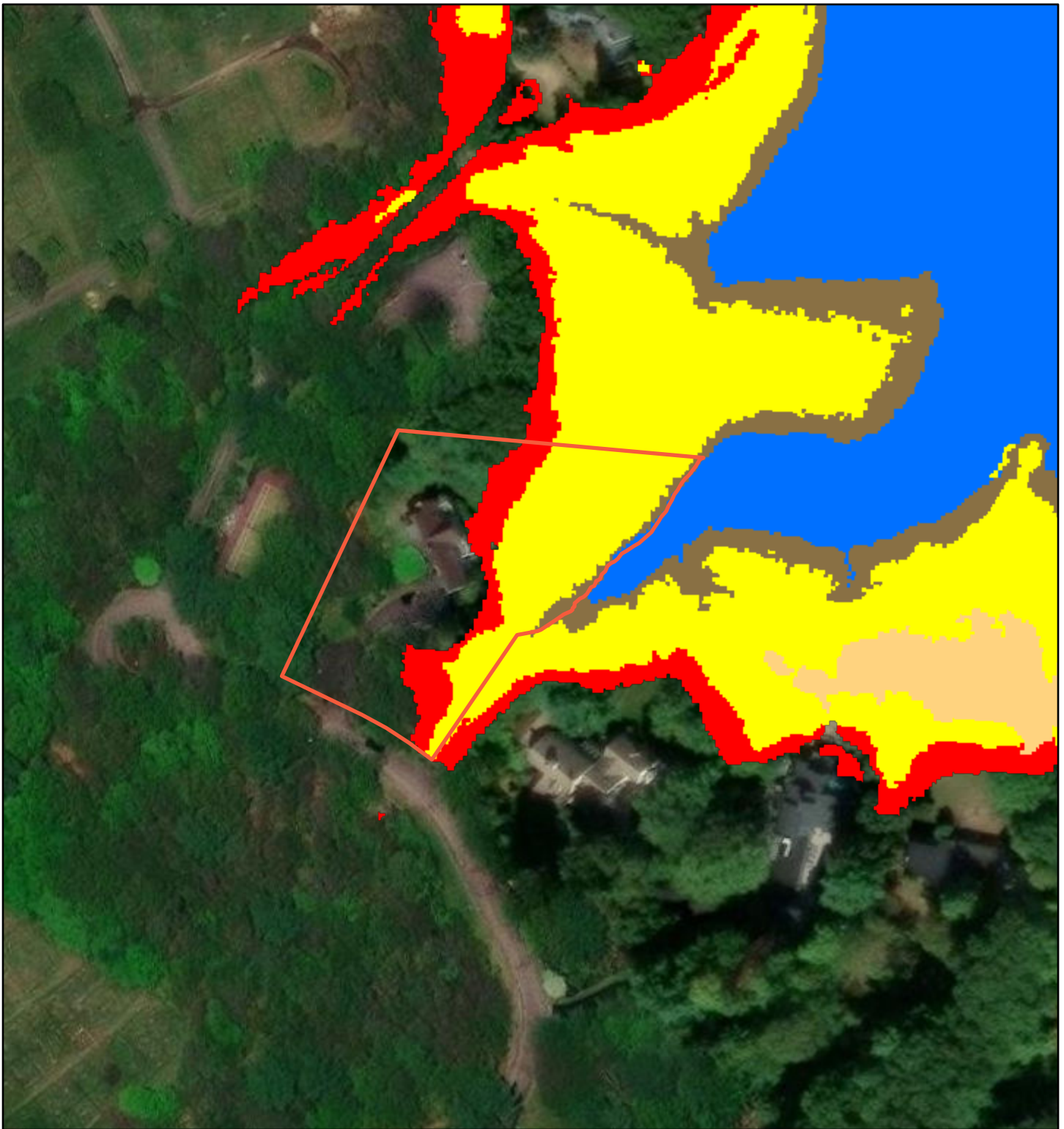
High Resolution 60cm Imagery Microsoft, Vantor

High Resolution 30cm Imagery

Citations




Marsh Migration - 1.2m 2100



3/30/2026, 11:30:33 AM


 Project Parcel


SLAMM 2022 - 1.2-m SLR at Year 2100

 Mud flat

 Salt marsh

 Tidal water

 Tidal wetland

 Transitional salt marsh

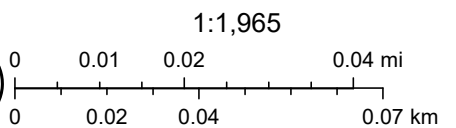
World Imagery

Low Resolution 15m Imagery

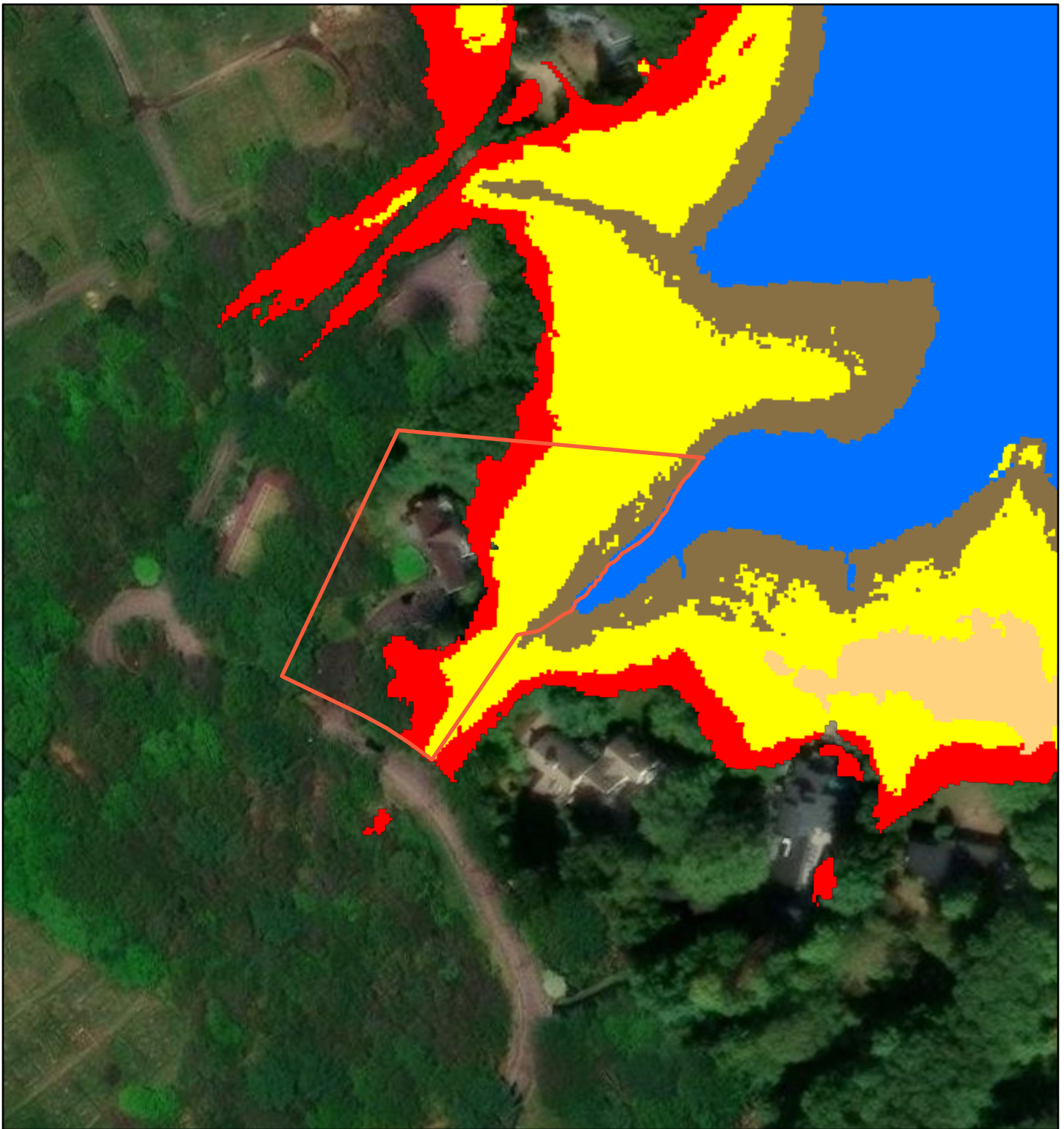
High Resolution 60cm Imagery Microsoft, Vantor

High Resolution 30cm Imagery

Citations




Marsh Migration - 1.5m 2100



3/30/2026, 11:33:18 AM


 Project Parcel

SLAMM 2022 - 1.5-m SLR at Year 2100

 Mud flat

 Salt marsh

 Tidal water

 Tidal wetland

 Transitional salt marsh

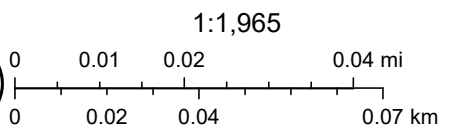
World Imagery

Low Resolution 15m Imagery

High Resolution 60cm Imagery Microsoft, Vantor

High Resolution 30cm Imagery

Citations





FUNCTIONS AND VALUES ASSESSMENT

Migliori Residence – 5 Curriers Cove, Portsmouth, NH 03801

INTRODUCTION

The applicant proposes to construct a new deck among other site improvements at 5 Curriers Cove, Portsmouth, NH 03801. The property is identified as Lot 14 on Map 204 of the City of Portsmouth's tax maps and is approximately 1.10 acres in size. As currently designed, the project proposes impacts to the shoreland zone and the Tidal Buffer Zone (TBZ).

The purpose of this report is to present the existing functions and values of the tidal wetlands and to assess any impacts the proposed project may have on their ability to continue to perform these functions and values. The tidal wetlands being impacted were assessed with consideration to their association with the Piscataqua River and the larger marine ecosystem and was not limited to the tidal wetlands immediately on-site.

METHODS

DATA COLLECTION

The tidal wetlands associated with this project area were identified and characterized through field surveys and review of existing information. Haley Ward Inc. (HW) conducted site visits in March and April, 2026 to characterize the tidal wetlands and collect the necessary information to complete a functions and values assessment. In addition, HW contacted the New Hampshire Natural Heritage Bureau (NHB) regarding existing information of documented rare species or natural communities within the vicinity of the project site.

WETLAND FUNCTIONS AND VALUES ASSESSMENT

HW assessed the ability of the tidal wetlands to provide certain functions and values and analyzed the potential effects the proposed project may have on their ability to continue to provide those functions and values. Wetland functions and values were assessed using the *Highway Methodology Workbook, Wetland Functions and Values: A Descriptive Approach*. This method bases function and value determinations on the presence or absence of specific criteria for each of the 13 wetland functions and values (see definitions below). These criteria are assessed through direct field observations and a review of existing resource maps and databases. As part of the evaluation, the most important functions and values associated with the on-site wetlands are identified. In addition, the ecological integrity of the wetlands is evaluated based on the existing levels of disturbance and the overall significance of the wetlands within the local watershed.



RESULTS

° **Groundwater Interchange (Recharge/Discharge)**

This function considers the potential for the project area wetlands to serve as groundwater recharge and/or discharge areas. It refers to the fundamental interaction between wetlands and aquifers, regardless of the size or importance of either.

Because there is no identified sand and gravel aquifer underlying the project area, and the wetlands are not underlain by sands or gravel, it is unlikely that significant groundwater recharge is occurring within the tidal wetlands.

° **Floodwater Alteration (Storage and Desynchronization)**

This function considers the effectiveness of the wetlands in reducing flood damage by attenuating and gradually releasing floodwaters for prolonged periods following precipitation and snow melt events.

The tidal wetlands associated with the project site lie directly adjacent to the Piscataqua River and the Atlantic Ocean. The tidal wetland and the Piscataqua River do receive floodwater from the surrounding watershed and connected waterways; therefore, this is a suitable function.

° **Fish and Shellfish Habitat**

This function considers the effectiveness of seasonally or permanently flooded areas within the subject wetlands for their ability to provide fish and shellfish habitat.

The tidal wetland does provide fish and shellfish habitat and is directly associated with the Piscataqua River and the Atlantic Ocean; therefore, fish and shellfish habitat is considered a principal function.

° **Sediment/Toxicant Retention**

This function reduces or prevents degradation of water quality. It relates to the effectiveness of the wetland to function as a trap for sediments, toxicants, or pathogens, and is generally related to factors such as the type of soils, the density of vegetation, and the position in the landscape.

In the vicinity of the project, the tidal wetland is primarily vegetated with emergent salt marsh vegetation and mudflats in the subtidal area. Sources of sediments or toxicants exist upstream of the wetland from the heavily developed, urban upland and accumulate in the bay; therefore, this is considered a principal function for the larger wetland complex.



° **Nutrient Removal/Retention/Transformation**

This wetland function relates to the effectiveness of the wetland to prevent or reduce the adverse effects of excess nutrients entering aquifers or surface waters such as ponds, lakes, streams, rivers, or estuaries.

As with sediment and toxicant retention, the greater tidal wetland contains dense vegetation and a significant source of sediments or toxicants; therefore, nutrient removal/retention/transformation is considered a principal function.

° **Production Export (Nutrient)**

This function relates to the effectiveness of the wetland to produce food or usable products for humans or other living organisms.

Production export is a wetland function that typically occurs in the form of nutrient or biomass transport via watercourses, foraging by wildlife species, and removal of timber and other natural products. Because the greater tidal wetland provides fish and wildlife habitat, commercial and recreational fisheries opportunities, and nutrients are transferred over several trophic levels in the marine ecosystem, this is a principal function.

° **Sediment/Shoreline Stabilization**

This function considers the effectiveness of a wetland to stabilize stream banks and shorelines against erosion, primarily through the presence of persistent, well-rooted vegetation.

Due to the tidal nature and wave action at this wetland; sediment/shoreline stabilization is considered a principal function.

° **Wildlife Habitat**

This function considers the effectiveness of the wetland to provide habitat for various types and populations of animals typically associated with wetlands and the wetland edge. Both resident and/or migrating species must be considered.

The greater tidal wetland provides a variety of coastal and marine habitats; therefore, wildlife habitat is a principal function.

° **Recreation (Consumptive and Non-Consumptive)**

This value considers the suitability of the wetland and associated watercourses to provide recreational opportunities such as hiking, canoeing, boating, fishing, hunting, and other active or passive recreational activities.

The greater tidal wetland provides a variety of consumptive and non-consumptive recreational opportunities including hunting, fishing and bird watching; therefore, recreation is considered to be a principal value.



° **Educational/Scientific Value**

This value considers the effectiveness of the wetland as a site for an “outdoor classroom” or as a location for scientific study or research.

The Piscataqua River and the associated tidal wetlands are part of a larger marine ecosystem with multiple areas of public access and spartina salt marshes, a heavily studied system, making this a principal value.

° **Uniqueness/Heritage**

This value relates to the effectiveness of the wetland or its associated water bodies to provide certain special values such as archaeological sites, unusual aesthetic quality, historical events, or unique plants, animals, or geologic features.

Tidal wetlands are unique to the seacoast area. Additionally, there are pre- and post-colonial historical components associated with the Piscataqua River and the surrounding areas making this a principal value.

° **Visual Quality/Aesthetics**

This value relates to the visual and aesthetic qualities of the wetland.

The Piscataqua River provides aesthetically pleasing views that are viewable from surrounding uplands as well as from the water, making this a principal value.

° **Endangered Species Habitat**

This value considers the suitability of the wetland to support threatened or endangered species.

An online inquiry with the NHB identified records of marsh elder (*Iva frutescens*), Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchus*), and shortnose sturgeon (*Acipenser brevirostrum*) in proximity to the proposed project area. Therefore, it is assumed these species may utilize this site given its proximity to the main channel of the Piscataqua River and the Atlantic Ocean. However, the site itself is not mapped as a critical habitat. Therefore, the wetland likely has the ability to function as an endangered species habitat but has not been identified as a principal function.

PROPOSED IMPACTS

This report is accompanying a New Hampshire Department of Environmental Services (NHDES) Minor Impact Wetland Permit Application request to permit 1,399 SF of permanent impacts and 5,305 SF of temporary impacts to the previously developed 100' Tidal Buffer Zone for the construction of a new deck on the northeastern side of the existing dwelling, the installation of a new stone walking path that encompasses the northern portion of the dwelling, the installation of a small grill/recreational area, the



removal of existing impervious areas, site regrading, and a robust landscaping and planting plan.

SUMMARY AND CONCLUSIONS

The jurisdictional tidal wetland is part of a large marine system and provides 11 principal functions and values when evaluated as a whole. These functions and values include: floodflow alteration, fish and shellfish habitat, production export, sediment/shoreline stabilization, nutrient removal/retention, sediment/toxicant retention, wildlife habitat, recreation, education/scientific value, uniqueness/heritage, and visual quality aesthetics. While the entire marine system provides these principal functions and values, the proposed impacts associated with the installation of the deck and associated development will impact only a small portion adjacent to the larger wetland and will not impact the wetland directly. Additionally, the application proposes to supplement the riparian area with additional woody shrub plantings that will increase habitat connectivity and improve functions such as sediment/shoreline stabilization and sediment/toxicant retention. Therefore, the proposed project will not have any effect on the wetland's ability to continue providing its principal functions.

The proposed impacts have been minimized to the greatest extent practicable, while allowing for a deck structure of sufficient size to create a recreational area for the applicant outside the area of the Flood Hazard Zone. The project will not contribute to additional storm water or pollution as the increase in impervious area is minimal and supplemented with significant plantings. It is anticipated that there will be no effect on any fish or wildlife species that currently use the site for food, cover, and/or habitat given the limit of impacts to previously developed areas, no removal of vegetation, and the significant planting proposed. The project will not impede tidal flow or alter hydrology, will not deter use by wildlife species that currently use the wetland area, and it will not impede any migratory fish movement.

Based on our assessment of the current functions and values, the proposed deck design, placement, and proposed buffer plantings; it is our belief that the proposed project will have no significant impact on the tidal wetlands or greater marine systems' ability to continue to provide their current functions and values.

Wetland Function-Value Evaluation Form

Total area of wetland _____ Human made? _____ Is wetland part of a wildlife corridor? _____ or a "habitat island"? _____

Adjacent land use _____ Distance to nearest roadway or other development _____

Dominant wetland systems present _____ Contiguous undeveloped buffer zone present _____

Is the wetland a separate hydraulic system? _____ If not, where does the wetland lie in the drainage basin? _____

How many tributaries contribute to the wetland? _____ Wildlife & vegetation diversity/abundance (see attached list)

Wetland I.D. _____

Latitude _____ Longitude _____

Prepared by: _____ Date _____

Wetland Impact:
Type _____ Area _____

Evaluation based on:
Office _____ Field _____

Corps manual wetland delineation completed? Y _____ N _____

Function/Value	Suitability Y / N	Rationale (Reference #)*	Principal Function(s)/Value(s)	Comments
 Groundwater Recharge/Discharge				
 Floodflow Alteration				
 Fish and Shellfish Habitat				
 Sediment/Toxicant Retention				
 Nutrient Removal				
 Production Export				
 Sediment/Shoreline Stabilization				
 Wildlife Habitat				
 Recreation				
 Educational/Scientific Value				
 Uniqueness/Heritage				
 Visual Quality/Aesthetics				
ES Endangered Species Habitat				
Other				

Notes:

* Refer to backup list of numbered considerations.



HALEY WARD

COASTAL VULNERABILITY ASSESSMENT

Migliori Residence – 5 Curriers Cove, Portsmouth, NH 03801

INTRODUCTION

This Coastal Vulnerability Assessment (CVA) is being provided in support of a New Hampshire Department of Environmental Services (NHDES) Wetland Permit Application for the construction of a deck and associated site improvements at 5 Curriers Cove, Portsmouth, NH 03801 (herein referred to as “project site”). The project site is a residential lot located on the south shore of the Piscataqua River with one existing structure and associated walkways, driveways, and landscaped areas. The surrounding land use is primarily residential and forested.

METHODS

In March and April, 2026, Keegan Feero, Permitting Specialist from Haley Ward, Inc. conducted a site visit to evaluate coastal characteristics of the project site. This CVA was completed utilizing the NH Coastal Flood Risk Science and Technical Advisory Panel (2019) New Hampshire Coastal Flood Risk Summary Part II: Guidance for Using Scientific Projections. Report Published by the University of New Hampshire (herein referred to as Guidance Document).

PART 1.1 – PROJECT TYPE

This project proposes the construction of a deck and associated site improvements on the residential lot to provide the applicants with a recreational area outside of the Flood Hazard Zone. For more details regarding construction and sequencing of the structure; please refer to the NH DES Wetlands Bureau Application attached NHDES Permit Plan – Sheet C501.

PART 1.2 – PROJECT LOCATION

The project location is 5 Curriers Cove, Tax Map 204, Lot 14 and consists of +/- 1.10 acres of upland. The project site abuts the Piscataqua River on a relatively protected cove. Access to the project site will be from Curriers Cove, with equipment operating from adjacent uplands.

PART 1.3 – TIMELINE FOR DESIRED USEFUL LIFE

This analysis will use 2100 for a timeframe, as the deck is intended to be a permanent fixture to the existing residence. The expected lifespan of a wooden deck can vary drastically, but a conservative estimate of 50 years will be chosen as it will likely be utilized and maintained by the applicants well into the future.

Migliori Residence | 04.03.2026 | 5010600.3340



2.1 – PROJECT RISK TOLERANCE

The proposed project is considered to have a high risk tolerance considering the deck has a relatively low cost, is attached to a house which can be relocated on the lot should flood waters become an issue, proposes little to no implications on public function and/or safety; and has no sensitivity to inundation given the purpose of the project is to increase the resilience of the residence/property to flooding.

2.2 – RISK TOLERANCE OF IMPORTANT ACCESS AND SERVICE AREAS

The risk tolerance of surrounding access and service areas is not applicable to this project, as the project occurs on a residential, private lot and is intended for private use; primary access of which would be from the residence.

3.1 – RELATIVE SEA LEVEL RISE SCENARIO (RSLs)

Based on Table 3 in the Guidance Document (see table below), the RSLs for this project (based on the previously determined high risk tolerance) is considered to be on the lower magnitude, and higher probability. The following table depicts the probable sea level rise from 2000 through 2150.

Table 3 from the Guidance Document:

Risk Tolerance	High	Medium	Low	Extremely Low
Example Project	Walking Trail *Deck Construction & Stone Revetment	Local Road Culvert	Wastewater Treatment Facility	Hospital
Timeframe	Manage to the following sea level rise (ft*) <i>Compared to the sea level in the year 2000</i>			
	Lower magnitude Higher probability	←————→		Higher magnitude Lower probability
2030	0.7	0.9	1.0	1.1
2050	1.3	1.6	2.0	2.3
2100	2.9	3.8	5.3	6.2
2150	4.6	6.4	9.9	11.7

*Added by Haley Ward, Inc. based on the application of the Guidance Document towards our project.

3.2 – RELATIVE SEA LEVEL RISE (RSLR) IMPACTS TO THE PROJECT EVALUATION

Estimates of Projected SLR's which depict the project site and projected water depth at high tide for 1 foot, 2 foot, 4 foot, 6 foot, and 8 foot sea level rise scenarios are attached. Relative to surrounding topography and considering the High-Risk Tolerance of this project; the projected RSLR is not expected to be a major consideration for this project. The 2.9ft RSLR estimate is being used for this project, and the overall site regrading to accommodate the City of Portsmouth's MHHW + 2ft structure elevation requirement



addresses any potential future flooding risk associated with the shoreland development. There are no restrictions on the project site or associated with the proposed project.

3.3 – OTHER FACTORS

Other factors were evaluated in conjunction with RSLR including surface water levels, groundwater levels, and current velocities - which will increase with sediment erosion and deposition. The project's position in the landscape was also considered relative to other infrastructure.

The Highest Observable Tide Line (HOTL) associated with the project site is located approximately at elevation 6. Considering a 2.9-foot RSLR in the year 2100, the resulting HOTL in the year 2100 will have an elevation of 8.9. The proposed deck will be placed at elevation 10. Additionally, the proposed deck will be supported by pilings that will withstand flood waters from extreme precipitation events well into the future. As such, the proposed deck structure will function as intended throughout its expected useful life.

4.1 – RSLR AND COASTAL STORMS

Due to the project site location being immediately adjacent to the Piscataqua River, it will be directly affected by RSLR and storm surge; however, these have been reviewed during engineering and design. The project site is located in a protected cove and does not have an open fetch. Wave action is typically diffuse in this area, meaning storm surge is not anticipated to influence the stability of the embankment in this area even considering sea level rise. Considering the high risk tolerance of this project, the relatively diffuse nature of the wave action in this location, and the protected nature of the cove, it is not anticipated that this project has a significant level of vulnerability to RSLR and coastal storms given the standard to which modern deck structures are constructed.

4.2 – OTHER FACTORS

Other factors such as surface water levels, groundwater levels, wind and current velocities have been considered. Considering the high risk tolerance of this project, it is not anticipated that this project has a significant level of vulnerability to groundwater levels, wind and current velocities given the standard to which modern deck structures are constructed.

5.1 – PROJECTED RSL-INDUCED GROUNDWATER RISE

Based on the Sea-Level Rise Mapper, there is projected groundwater rise associated with RSLR on the project site. Based on predictions by the New Hampshire Sea-Level Rise, Storm Surge, and Groundwater Rise Mapper managed by the New Hampshire Department of Environmental Services, the predicted groundwater rise in this area is expected to be approximately 1.2 – 2.2 feet by the year 2100 given an estimated increase of 4 feet in SLR (note the RSLR of 2.9 feet as identified in Table 3 above).



However, given the proposed site regrading and additional fill, groundwater rise is not anticipated to significantly affect the proposed deck structure.

5.2 – PROJECTED GROUNDWATER DEPTH AT THE PROJECT LOCATION

Projected groundwater depth on the subject site would likely rise with projected RSLR. The project site currently has a seasonal high water table depth of less than five feet which approaches the surface depending on proximity to the shoreline as the site slopes downwards from west to east. However, the proposed deck will be placed on an elevated portion of the lot directly adjacent to the existing structure and will be located 2 feet above MHHW. Therefore, groundwater depth at the project location is not anticipated to be an issue as the structure has been designed to accommodate RSLR.

6.1 – BEST AVAILABLE PRECIPITATION ESTIMATES

Please see the attached Extreme Precipitation Tables from the Northeast Regional Climate Center.

7.1 – CUMULATIVE COASTAL FLOOD RISK TO THE PROJECT

Based on the high risk tolerance of this project combined with all other factors including RSLR, coastal storms, RSLR-induced groundwater rise, extreme precipitation and/or freshwater flooding occurring together; this project is not considered to be at high risk from coastal flooding. The site is proposed to be regraded to accommodate a higher elevation for the structure to be installed.

7.2 – POSSIBLE ACTIONS TO MITIGATE COASTAL FLOOD RISK

Given the high-risk tolerance of the proposed project, it is not anticipated that it is necessary to mitigate for coastal flood risk beyond what has already been incorporated into the design plan for the proposed deck. The projected SLR scenario through 2100 is 2.9' and the proposed deck has been designed at an elevation to accommodate this expected increase in sea level rise considering the current HOTL which is at an elevation of 6.

Extreme Precipitation Tables

Northeast Regional Climate Center

Data represents point estimates calculated from partial duration series. All precipitation amounts are displayed in inches.

Metadata for Point	
Smoothing	Yes
State	New Hampshire
Location	New Hampshire, United States
Latitude	43.074 degrees North
Longitude	70.756 degrees West
Elevation	0 feet
Date/Time	Thu Apr 02 2026 19:24:12 GMT-0400 (Eastern Daylight Time)

24hr Storms:
 1yr = 2.66in * 1.15 = 3.06in
 2yr = 3.21in * 1.15 = 3.69in
 5yr = 4.07in * 1.15 = 4.68in
 10yr = 4.86in * 1.15 = 5.59in
 25yr = 6.17in * 1.15 = 7.10in
 50yr = 7.39in * 1.15 = 8.50in
 100yr = 8.85in * 1.15 = 10.18in

Extreme Precipitation Estimates

	5min	10min	15min	30min	60min	120min	1hr	2hr	3hr	6hr	12hr	24hr	48hr	1day	2day	4day	7day	10day		
1yr	0.26	0.40	0.50	0.65	0.81	1.04	0.70	0.98	1.21	1.56	2.03	2.66	2.92	1yr	2.35	2.81	3.22	3.94	4.55	1yr
2yr	0.32	0.50	0.62	0.82	1.02	1.30	0.88	1.18	1.52	1.94	2.49	3.21	3.57	2yr	2.84	3.43	3.94	4.68	5.33	2yr
5yr	0.37	0.58	0.73	0.98	1.25	1.61	1.08	1.47	1.89	2.43	3.14	4.07	4.58	5yr	3.60	4.40	5.04	5.94	6.70	5yr
10yr	0.41	0.65	0.82	1.12	1.45	1.89	1.25	1.73	2.23	2.89	3.75	4.86	5.53	10yr	4.31	5.32	6.09	7.11	7.98	10yr
25yr	0.48	0.76	0.97	1.34	1.78	2.34	1.53	2.14	2.78	3.63	4.74	6.17	7.10	25yr	5.46	6.83	7.81	9.03	10.05	25yr
50yr	0.54	0.86	1.10	1.54	2.08	2.76	1.79	2.53	3.29	4.33	5.67	7.39	8.58	50yr	6.54	8.25	9.43	10.81	11.97	50yr
100yr	0.60	0.97	1.25	1.77	2.42	3.26	2.09	2.98	3.91	5.16	6.77	8.85	10.38	100yr	7.83	9.98	11.39	12.96	14.27	100yr
200yr	0.68	1.10	1.43	2.05	2.83	3.84	2.44	3.52	4.62	6.14	8.08	10.60	12.55	200yr	9.38	12.06	13.76	15.55	17.01	200yr
500yr	0.80	1.32	1.72	2.49	3.49	4.78	3.01	4.39	5.78	7.72	10.22	13.47	16.14	500yr	11.92	15.52	17.68	19.78	21.48	500yr

Lower Confidence Limits

	5min	10min	15min	30min	60min	120min	1hr	2hr	3hr	6hr	12hr	24hr	48hr	1day	2day	4day	7day	10day		
1yr	0.23	0.36	0.44	0.59	0.72	0.88	0.63	0.86	0.93	1.33	1.69	2.24	2.49	1yr	1.98	2.39	2.87	3.19	3.90	1yr
2yr	0.31	0.49	0.60	0.81	1.00	1.19	0.86	1.16	1.37	1.82	2.34	3.06	3.45	2yr	2.71	3.32	3.82	4.55	5.09	2yr
5yr	0.35	0.54	0.67	0.92	1.17	1.40	1.01	1.37	1.61	2.12	2.73	3.78	4.19	5yr	3.35	4.03	4.72	5.53	6.24	5yr
10yr	0.39	0.59	0.73	1.03	1.33	1.60	1.14	1.56	1.80	2.39	3.05	4.37	4.85	10yr	3.87	4.67	5.43	6.41	7.19	10yr
25yr	0.44	0.67	0.83	1.19	1.56	1.90	1.35	1.86	2.10	2.75	3.53	4.73	5.88	25yr	4.19	5.65	6.64	7.78	8.67	25yr
50yr	0.48	0.73	0.91	1.31	1.76	2.17	1.52	2.12	2.35	3.06	3.92	5.35	6.78	50yr	4.73	6.52	7.71	9.03	10.00	50yr
100yr	0.54	0.81	1.01	1.46	2.01	2.47	1.73	2.41	2.62	3.40	4.33	6.02	7.82	100yr	5.32	7.52	8.95	10.49	11.55	100yr
200yr	0.59	0.89	1.13	1.63	2.27	2.81	1.96	2.75	2.93	3.77	4.77	6.75	9.02	200yr	5.97	8.68	10.38	12.20	13.35	200yr
500yr	0.68	1.02	1.31	1.90	2.71	3.36	2.33	3.28	3.41	4.30	5.43	7.86	10.89	500yr	6.95	10.47	12.63	14.92	16.17	500yr



Upper Confidence Limits

	5min	10min	15min	30min	60min	120min	1hr	2hr	3hr	6hr	12hr	24hr	48hr	1day	2day	4day	7day	10day		
1yr	0.28	0.44	0.54	0.72	0.89	1.08	0.77	1.06	1.26	1.74	2.20	2.98	3.17	1yr	2.64	3.05	3.58	4.37	5.04	1yr
2yr	0.34	0.52	0.64	0.87	1.07	1.27	0.92	1.24	1.48	1.96	2.52	3.42	3.71	2yr	3.03	3.56	4.09	4.84	5.63	2yr
5yr	0.40	0.62	0.77	1.05	1.34	1.62	1.15	1.59	1.89	2.54	3.25	4.34	4.97	5yr	3.84	4.78	5.38	6.38	7.16	5yr
10yr	0.47	0.72	0.89	1.25	1.61	1.98	1.39	1.93	2.28	3.11	3.96	5.34	6.21	10yr	4.72	5.97	6.83	7.85	8.76	10yr
25yr	0.58	0.88	1.09	1.56	2.05	2.57	1.77	2.52	2.96	4.08	5.16	7.76	8.36	25yr	6.87	8.04	9.17	10.35	11.42	25yr
50yr	0.67	1.02	1.27	1.83	2.47	3.13	2.13	3.06	3.60	5.01	6.34	9.71	10.48	50yr	8.59	10.08	11.48	12.74	13.98	50yr
100yr	0.79	1.20	1.50	2.16	2.97	3.82	2.56	3.73	4.38	6.17	7.79	12.15	13.14	100yr	10.75	12.63	14.36	15.72	17.11	100yr
200yr	0.93	1.39	1.77	2.56	3.57	4.66	3.08	4.56	5.35	7.60	9.57	15.23	16.48	200yr	13.48	15.85	18.00	19.38	20.94	200yr
500yr	1.15	1.71	2.20	3.20	4.55	6.06	3.93	5.92	6.94	10.05	12.62	20.58	22.27	500yr	18.21	21.41	24.26	25.55	27.37	500yr

Sea Level Rise - MHHW Current



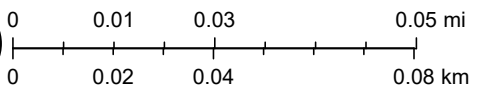
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-  Project Parcel
-  MHHW Baseline Extent
- World Imagery
- Low Resolution 15m Imagery

High Resolution 60cm Imagery

High Resolution 30cm Imagery

Citations



1:2,061

Microsoft, Vantor

Sea Level Rise - MHHW + 2ft



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 Project Parcel

 8 - 10

MHHW + 2-ft SLR

World Imagery

 0 - 2

Low Resolution 15m Imagery

 2 - 4

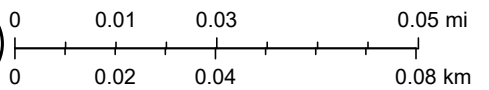
High Resolution 60cm Imagery

 4 - 6

High Resolution 30cm Imagery

 6 - 8

Citations















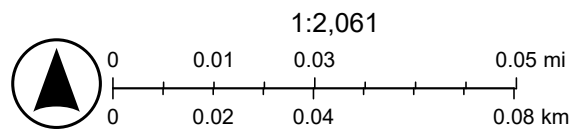
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Sea Level Rise - MHHW + 4ft



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- | | | | |
|--|----------------|---|------------------------------|
|  | Project Parcel |  | 10 + |
| MHHW + 4-ft SLR | | | |
|  | 0 - 2 |  | World Imagery |
|  | 2 - 4 |  | Low Resolution 15m Imagery |
|  | 4 - 6 |  | High Resolution 60cm Imagery |
|  | 6 - 8 |  | High Resolution 30cm Imagery |
|  | 8 - 10 |  | Citations |




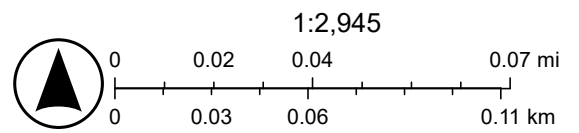
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Sea Level Rise - MHHW + 6ft



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- | | |
|---|--|
|  Project Parcel |  10 + |
| MHHW + 6-ft SLR | World Imagery |
|  0 - 2 | Low Resolution 15m Imagery |
|  2 - 4 | High Resolution 60cm Imagery |
|  4 - 6 | High Resolution 30cm Imagery |
|  6 - 8 | Citations |
|  8 - 10 | 60cm Resolution Metadata |




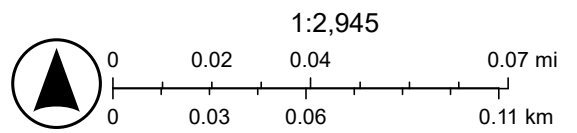
Microsoft, Vantor

Sea Level Rise - MHHW + 8ft



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- | | |
|---|--|
|  Project Parcel |  10 + |
| MHHW + 8-ft SLR | World Imagery |
|  0 - 2 | Low Resolution 15m Imagery |
|  2 - 4 | High Resolution 60cm Imagery |
|  4 - 6 | High Resolution 30cm Imagery |
|  6 - 8 | Citations |
|  8 - 10 | 60cm Resolution Metadata |



Microsoft, Vantor



**PRIME WETLAND WAIVER
FORESTRY & OTHER ACTIVITIES**
Water Division / Land Resources Management
Wetlands Bureau



RSA/Rule: RSA 482-A:11/ Env-Wt 706

**To be submitted to
DES with application**

APPLICANT LAST NAME, FIRST NAME, M.I.:

Administrative Use Only	Administrative Use Only	Administrative Use Only	File No.:
			Check No.:
			Amount:
			Initials:

As provided in RSA 482-A:11, IV(b)(1), to be eligible for the [Forestry Statutory Permit-by-Notification \(Forestry SPN\)](#), a property owner must obtain a waiver to perform any forest management work and related activities in the forested portion of a designated **prime wetland*** or **duly-established 100-foot buffer†** from the department. *For a waiver request for Forestry Activities within a designated prime wetland or duly-established 100-foot buffer, please complete Part I of this form.*

As provided in RSA 482-A:11, IV(c), a property owner may request a waiver from the department to perform work not addressed above within a portion of any **duly-established 100-foot buffer†** of a prime wetland on his or her property. Please note that waivers for such activities may only be requested for work within a duly-established 100-foot buffer, not for work within prime wetlands. *For a waiver request for Activities Other than Forest Management within a duly-established 100-foot buffer, please complete Part II of this form.*

A waiver request for work in a prime wetland or duly-established 100-foot buffer must be submitted to the department at the same time as a notification for an SPN or other application, as applicable.

*Prime Wetlands: Any contiguous areas falling within the jurisdictional definitions of RSA 482-A:2, X and RSA 482-A:4 that, because of their size, unspoiled character, fragile condition, or other relevant factors, make them of substantial significance (482-A:15, I-a).

†Duly-Established 100-foot Buffer: The buffer recognized in RSA 482-A:11, IV for prime wetlands designated on or after September 11, 2009 but before August 17, 2012 (Env-Wt 102.63).

PART I: WAIVER REQUEST FOR FORESTRY ACTIVITIES
SECTION 1 - REQUESTED WAIVER AND FILING FEE (Env-Wt 706.02(b)(3))
Check or money order for the applicable filing fee payable to "Treasurer – State of NH" (RSA 482-A:3, I(c)).
<input type="checkbox"/> \$200 for a project that would otherwise qualify for a Forestry SPN if it was not located in or near a designated prime wetland or duly-established 100-foot buffer. <input type="checkbox"/> \$500 for a minor impact project that does not otherwise qualify as minimum or major impact project. <input type="checkbox"/> \$1,250 for a major impact project classified regardless of prime wetlands designation.

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SECTION 2 - PROPOSED WORK (Env-Wt 706.02(b); RSA 482-A:11, IV(b)(1))

Provide a brief written description of the work to be performed.

SECTION 3 - PRIME WETLANDS VALUES (Env-Wt 706.02(b); RSA 482-A:11, IV(b)(1))

Provide a list of the prime wetlands values as identified by the municipality when the prime wetland or duly-established 100-foot buffer was designated. Demonstrate that the project will not create a significant net loss of these wetland values.

SECTION 4 - REQUIRED ATTACHMENTS (Env-Wt 706.02; RSA 482-A:11, IV(b)(1))

- A sketch of the property depicting the best approximate location of each prime wetlands/buffer in which work is proposed and the location of proposed work, including access roads.
- A copy of the notice of intent to cut, if applicable.
- Other information to demonstrate that there will be no significant net loss of wetland values identified by the municipality when the prime wetland/buffer was designated.

SECTION 5 - ADDITIONAL INSTRUCTIONS (Env-Wt 706.02; RSA 482-A:11, IV(b)(3))

- At the time the applicant submits the waiver request to the department, the applicant also shall submit, **via certified mail**, a copy of the waiver request and all supporting documentation to the local governing body, the planning board, if any, and the conservation commission, if any, of the municipalities in which any prime wetlands/buffers associated with the application are located.
- If a prime wetland/buffer associated with the application extends into an abutting property, the property owner requesting the waiver shall provide a copy of the waiver request and all supporting documentation to the owner of that abutting property. The applicant shall send the notice required **by certified mail**.

Please note:

- As provided in RSA 482-A:11, IV(b)(3), the department shall not issue a waiver for forestry activities prior to 14 days after receipt of the waiver request, provided however that a municipal conservation commission may request an extension on such waiver issuance, not to exceed 14 days, which the department shall grant if requested.

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- As provided by RSA 482-A:11, IV(b)(2), the department shall not issue a waiver unless the department determines that there will be no significant net loss of wetland values as identified by the local conservation commission/local governing authority or in RSA 482-A:1.
- If the department determines that the criteria for issuing a waiver are met, the waiver shall be issued as part of the Forestry SPN or permit, as applicable.
- If the department is unable to determine, based on the information submitted, that the proposed work will not cause a significant net loss of wetland values, the department shall notify the applicant of what additional information is needed and establish a deadline in consultation with the applicant for the submission of the additional information.
- If the department determines that the project would not cause a significant net loss of wetland values if certain conditions were met, the department shall place such conditions on the waiver as are necessary to protect the prime wetland resource.
- Any waiver issued shall be valid for the term of the permit or SPN with which it is associated, but may be extended.

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PART II: WAIVER REQUEST FOR ACTIVITIES OTHER THAN FOREST MANAGEMENT

SECTION 1 - REQUESTED WAIVER AND FILING FEE (Env-Wt 706.04(b)(5))

Check or money order for the applicable filing fee payable to "Treasurer – State of NH" (RSA 482-A:3, I(c)).

- \$200 for projects that would otherwise qualify as a minimum impact project if it was not located in a designated prime wetlands buffer.
- \$500 for a minor impact project that does not otherwise qualify as minimum or major impact project.
- \$1,250 for a major impact projects.

SECTION 2 - PROPOSED WORK (Env-Wt 706.04(b)(2))

Provide a written description of the work to be performed.

SECTION 3 - PRIME WETLANDS VALUES (Env-Wt 706.04(b))

Provide a list of the prime wetlands values identified by the municipality when the prime wetlands associated with the buffer was designated. Demonstrate that the project will not create a significant net loss of these wetland values.

SECTION 4 - REQUIRED ATTACHMENTS (Env-Wt 706.04)

- A sketch of the property depicting the best approximate location of the duly-established 100-foot buffer in which work is proposed and the location of proposed work, including access roads.
- Other information to demonstrate that there will be no significant net loss of wetland values identified by the municipality when the prime wetlands associated with the buffer was designated.

SECTION 5 - ADDITIONAL INSTRUCTIONS (Env-Wt 706.04; RSA 482-A:11, IV(c))

- At the time the applicant submits the waiver request to the department, the applicant also shall notify, **by certified mail**, the local governing body, the planning board, if any, and the conservation commission, if any, of the municipalities in which the waiver is being sought that the waiver is being requested.
- If the buffer associated with the application extends onto an abutting property, the property owner requesting the waiver shall provide notice that the waiver is being requested to the owner of that abutting property.

Please note:

- As provided in Env-Wt 706.05, the department shall not issue a waiver under Env-Wt 706.01(b) prior to 14 days after receipt of the waiver request, provided however that a municipal conservation commission may request an extension on such waiver issuance, not to exceed 14 days, which the department shall grant if and as requested.
- The department shall not issue a waiver unless the department determines that there will be no significant net loss of wetland values as identified by the local conservation commission/local governing authority and in RSA 482-A:1.
- If the department determines that the criteria for issuing a waiver are met, the waiver shall be issued as part of the SPN or permit, as applicable.
- If the department is unable to determine, based on the information submitted, that the proposed work will not cause a significant net loss of wetland values, the department shall notify the applicant of what additional information is needed and establish a deadline in consultation with the applicant for the submission of the additional information.
- If the department determines that the project would not cause a significant net loss of wetland values if certain conditions were met, the department shall place such conditions on the waiver as are necessary to protect the prime wetlands resource.
- Any waiver issued shall be valid for the term of the permit or SPN with which it is associated, but may be extended.

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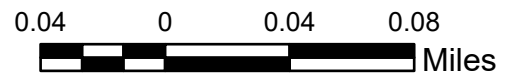
HALEY WARD

Prime Wetlands

Migliori Residence - 5 Curriers Cove, Portsmouth NH 03801



-  Project Parcel
-  Prime Wetlands
-  100' Prime Wetland Buffer



Abutter/Notice information
to be provided prior to
submittal to NH DES