

JONES & BEACH ENGINEERS INC.

85 Portsmouth Avenue, PO Box 219, Stratham, NH 03885
603.772.4746 - JonesandBeach.com

January 5, 2021

NHDES Wetland Bureau
Attn. Reviewer
P.O. Box 95
Concord, N.H. 03302-0095

**Re: Standard Dredge & Fill Wetlands Application
Scribner Road, Fremont, NH
Tax Map 1, Lot 82
JBE Project No. 19175.1**

Dear Reviewer,

Jones & Beach Engineers, Inc., respectfully submits a Standard Dredge & Fill Wetlands Application for the above-mentioned property. The intent of this project is to construct a 1,000 +/- roadway cul-de-sac in support of a proposed 8-lot single-family subdivision. Roadway construction requires permanent wetland impact of 1,279 S.F. through a wet-meadow wetland. Proposed wetland impact is designed to expand upon the existing woods road to minimize the proposed impact. Project includes the installation of a 30" culvert at the location of the wetland crossing to maintain hydraulic conductivity.

The following items are provided in support of this Wetlands Application:

1. Completed Application Package
2. Check in the amount of \$511.60 for review fees.
3. Full-size plans, sheets C1A, C1B, C3, & C3B
4. Half-size plan set.

Please feel free to contact me by email at bgier@jonesandbeach.com with any questions or comments during your review.

Very truly yours,
JONES & BEACH ENGINEERS, INC.



Barry W. Gier, P.E.
Vice President

NHDES STANDARD DREDGE & FILL
WETLANDS APPLICATION

FOR

Haus Emily, LLC
Scribner Road
Fremont, NH

PREPARED BY:

JONES & BEACH ENGINEERS, INC.
85 PORTSMOUTH AVENUE
PO BOX 219
STRATHAM, NH 03885
(603) 772-4746
October 27, 2020
JBE PROJECT NO. 19175.1

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Avoidance and Minimization Written Narrative – NHDES-W-06-089

Avoidance and Minimization Checklist – NHDES-W-06-050

Attachment A: - NHDES-W-06-013

Tax Maps

Abutter Notice, List, and Certified Receipts

Impacts Checklist with the following attachments:

- Highest Ranked Wildlife Habitat By Ecological Condition Maps

Plans

- 24 sheet Plan Set, “Violette Estates”, as prepared by Jones & Beach Engineers



**STANDARD DREDGE AND FILL
WETLANDS PERMIT APPLICATION**
Water Division/Land Resources Management
Wetlands Bureau
Check the Status of your Application



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

APPLICANT'S NAME: Haus Emily, LLC

TOWN NAME: Fremont

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

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))

Please use the Wetland Permit Planning Tool (WPPT), the Natural Heritage Bureau (NHB) DataCheck Tool, the Aquatic Restoration Mapper, 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.

Has the required planning been completed?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Does the property contain a PRA? If yes, provide the following information:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> Does the project qualify for an Impact Classification Adjustment (e.g. NH Fish and Game Department (NHF&G) and NHB agreement for a classification downgrade) or a Project-Type Exception (e.g. Maintenance or Statutory Permit-by-Notification (SPN) project)? See Env-Wt 407.02 and Env-Wt 407.04. 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> Protected species or habitat? <ul style="list-style-type: none"> <input type="checkbox"/> If yes, species or habitat name(s): <input type="checkbox"/> NHB Project ID #: 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> Bog? 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> Floodplain wetland contiguous to a tier 3 or higher watercourse? 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> Designated prime wetland or duly-established 100-foot buffer? 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<ul style="list-style-type: none"> Sand dune, tidal wetland, tidal water, or undeveloped tidal buffer zone? 	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is the property within a Designated River corridor? If yes, provide the following information:	<input type="checkbox"/> Yes <input checked="" 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 Month: Day: Year: 	

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For dredging projects, is the subject property contaminated? • If yes, list contaminant:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is there potential to impact impaired waters, class A waters, or outstanding resource waters?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
For stream crossing projects, provide watershed size (see <u>WPPT</u> or Stream Stats): N/A	
SECTION 2 - PROJECT DESCRIPTION (Env-Wt 311.04(i)) Provide a brief description of the project and the purpose of the project, outlining the scope of work to be performed and whether impacts are temporary or permanent. DO NOT reply "See attached"; please use the space provided below.	
<p>The intent of this project is to construct a 1,000' +/- roadway cul-de-sac in support of a proposed 8-lot single-family subdivision. Roadway construction requires permanent wetland impact of 1,279 S.F. through a wet-meadow wetland. Proposed wetland impact is designed to expand upon the existing woods road to minimize the proposed impact. Project includes the installation of a 30" culvert at the location of the wetland crossing to maintain hydraulic conductivity.</p>	
SECTION 3 - PROJECT LOCATION Separate wetland permit applications must be submitted for each municipality within which wetland impacts occur.	
ADDRESS: Scribner Road	
TOWN/CITY: Fremont	
TAX MAP/BLOCK/LOT/UNIT: Map 1/ Lot 82	
US GEOLOGICAL SURVEY (USGS) TOPO MAP WATERBODY NAME: <input type="checkbox"/> N/A	
(Optional) LATITUDE/LONGITUDE in decimal degrees (to five decimal places):	
	° North
	° West

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

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SECTION 4 - APPLICANT (DESIRED PERMIT HOLDER) INFORMATION (Env-Wt 311.04(a))

If the applicant is a trust or a company, then complete with the trust or company information.

NAME: Haus Emily, LLC

MAILING ADDRESS: 56 Westville Road #4

TOWN/CITY: Plaistow

STATE: NH

ZIP CODE: 03865

EMAIL ADDRESS:

FAX:

PHONE: 603-765-8995

ELECTRONIC COMMUNICATION: By initialing here: BWG, I hereby authorize NHDES to communicate all matters relative to this application electronically.

SECTION 5 - AUTHORIZED AGENT INFORMATION (Env-Wt 311.04(c))☐ N/A

LAST NAME, FIRST NAME, M.I.: Gier, Barry W., P.E.

COMPANY NAME: Jones & Beach Engineers, Inc.

MAILING ADDRESS: PO Box 219

TOWN/CITY: Stratham

STATE: NH

ZIP CODE: 03885

EMAIL ADDRESS: bgier@jonesandbeach.com

FAX:

PHONE: 603-772-4746

ELECTRONIC COMMUNICATION: By initialing here BWG, 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))

If the owner is a trust or a company, then complete with the trust or company information.

☐ Same as applicant

NAME: Heritage Farm Trust

MAILING ADDRESS: PO Box 212

TOWN/CITY: Newfields

STATE: NH

ZIP CODE: 03856

EMAIL ADDRESS:

FAX:

PHONE: 603-918-2746

ELECTRONIC COMMUNICATION: By initialing here BWG, I hereby authorize NHDES to communicate all matters relative to this application electronically.

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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):

Project wetlands were delineated by West Environmental. See attached "Resource - Specific Criteria" Sheet.

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)

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.

Mitigation Pre-Application Meeting Date: Month: Day: Year:

☒ N/A - Mitigation is not required

SECTION 10 - THE PROJECT MEETS COMPENSATORY MITIGATION REQUIREMENTS (Env-Wt 313.01(a)(1)c)

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 confirm submittal.

☒ N/A - Compensatory mitigation is not required

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

For each jurisdictional area that will be/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; i.e., work was started or completed without a permit).

For intermittent and ephemeral streams, the linear footage of impact is 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, the linear footage of impact is calculated by summing the lengths of disturbances to the channel and banks.

Permanent impacts are impacts that will remain after the project is complete (e.g., changes in grade or surface materials).

Temporary impacts are impacts not intended to remain (and will be restored to pre-construction conditions) after the project is completed.

JURISDICTIONAL AREA		PERMANENT			TEMPORARY		
		SF	LF	ATF	SF	LF	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	1,279		<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		1,279					

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

☐ **MINIMUM IMPACT FEE:** Flat fee of \$400.

☐ **NON-ENFORCEMENT RELATED, PUBLICLY-FUNDED AND SUPERVISED RESTORATION PROJECTS, REGARDLESS OF IMPACT CLASSIFICATION:** Flat fee of \$400 (refer to RSA 482-A:3, 1(c) for restrictions).

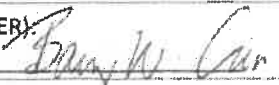
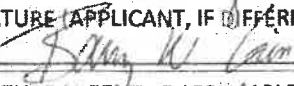

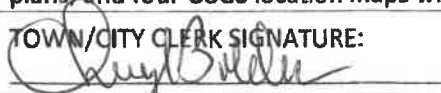
☐ **MINOR OR MAJOR IMPACT FEE:** Calculate using the table below:

Permanent and temporary (non-docking):	1,279 SF	× \$0.40 =	\$ 511.60
Seasonal docking structure:	SF	× \$2.00 =	\$
Permanent docking structure:	SF	× \$4.00 =	\$
Projects proposing shoreline structures (including docks) add \$400 =			\$
Total =			\$ 511.60

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The application fee for minor or major impact is the above calculated total or \$400, whichever is greater = \$ 511.60		
SECTION 13 - PROJECT CLASSIFICATION (Env-Wt 306.05) Indicate the project classification.		
<input type="checkbox"/> Minimum Impact Project	<input checked="" type="checkbox"/> Minor Project	<input type="checkbox"/> Major Project
SECTION 14 - REQUIRED CERTIFICATIONS (Env-Wt 311.11) Initial each box below to certify:		
Initials: BWG	To the best of the signer's knowledge and belief, all required notifications have been provided.	
Initials: BWG	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: BWG	The signer understands that: <ul style="list-style-type: none"> The submission of false, incomplete, or misleading information constitutes grounds for NHDES to: <ol style="list-style-type: none"> Deny the application. Revoke any approval that is granted based on the information. If the signer is a certified wetland scientist, licensed surveyor, or professional engineer licensed to practice in New Hampshire, refer the matter to the joint board of licensure and certification established by RSA 310-A:1. The signer is subject to the penalties specified in New Hampshire law for falsification in official matters, currently RSA 641. The signature shall constitute authorization for the municipal conservation commission and the Department to inspect the site of the proposed project, except for minimum impact forestry SPN projects and minimum impact trail projects, where the signature shall authorize only the Department to inspect the site pursuant to RSA 482-A:6, II. 	
Initials: BWG	If the applicant is not the owner of the property, each property owner 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: Barry W. Gier for Haus Emily, LLC	DATE: 10/27/20
SIGNATURE (APPLICANT, IF DIFFERENT FROM OWNER): 	PRINT NAME LEGIBLY: Barry W. Gier for Heritage Farm Trust	DATE: 10/27/20
SIGNATURE (AGENT, IF APPLICABLE): 	PRINT NAME LEGIBLY: Barry W. Gier	DATE: 10/27/20
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 filed four application forms, four detailed plans, and four USGS location maps with the town/city indicated below.		
TOWN/CITY CLERK SIGNATURE: 	PRINT NAME LEGIBLY: Cheryl Bolden	

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

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TOWN/CITY: Fremont

DATE:

DIRECTIONS FOR TOWN/CITY CLERK:

Per RSA 482-A:3, I(a)(1)

1. IMMEDIATELY sign the original application form and four copies in the signature space provided above.
2. Return the signed original application form and attachments to the applicant so that the applicant may submit the application form and attachments to NHDES by mail or hand delivery.
3. IMMEDIATELY distribute a copy of the application with one complete set of attachments to each of the following bodies: the municipal Conservation Commission, the local governing body (Board of Selectmen or Town/City Council), and the Planning Board.
4. Retain one copy of the application form and one complete set of attachments and make them reasonably accessible for public review.

DIRECTIONS FOR APPLICANT:

Submit the original permit application form bearing the signature of the Town/City Clerk, additional materials, and the application fee to NHDES by mail or hand delivery at the address at the bottom of this page. Make check or money order payable to "Treasurer – State of NH".

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Keep this checklist for your reference; do not submit 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, Fill and Dredge in Wetlands, and the Wetland Rules Env-Wt 100-900.

- ☐ The 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)). Make check or money order payable to "Treasurer – State of NH".
- ☐ The 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 - Permittee Responsible Mitigation Project Worksheet, 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 2 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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SECTION 7: Resource-Specific Criteria:

Env-WT 524.04

- (a). The proposed project complies with all the applicable requirements of Env-Wt 400, Env-Wt 700, Env-Wt800, Env-Wt 900 ,and other applicable project-specific criteria.
- (b.) No wetlands or surface waters are utilized for stormwater or water quality treatment.
- (c.) No private or public water drinking water supplies or source water protection areas are located in the vicinity of the wetland impacts. Appropriate setbacks to said areas are maintained for the proposed project. There are no fisheries in the project area.
- (d.) The area of the proposed impact is currently hydrologically disconnected from the adjacent wetland area. The proposed project will reconnect the wetland areas.
- (e.) The impacted wetland is a shallow wet-meadow. No fishery spawning, feeding, or cover habitat or fish passage exists.
- (f.) The impacted wetland areas are currently disconnected. The proposed project will reconnect the wetland areas. This project will not impact the wetland-dependent wildlife habitat.

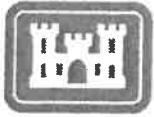
Env-Wt 600: The proposed wetland impact is not located in a Coastal Lane or Tidal water/wetland.

Env-Wt 700: The proposed wetland impact is not located in a Prime Wetland.

Env-Wt 900: The proposed wetland impact is not located within a stream.

SECTION 8: Avoidance and Minimization:

See Avoidance and Minimization Checklist



**US Army Corps
of Engineers®**
New England District

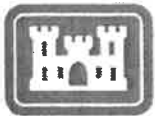
Appendix B

**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.



**US Army Corps
of Engineers®**
New England District

**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.*		
2. Wetlands	Yes	No
2.1 Are there are streams, brooks, rivers, ponds, or lakes within 200 feet of any proposed work?		
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 <u>Natural Community Systems of New Hampshire</u> also contains specific information about the natural communities found in NH.		
2.3 If wetland crossings are proposed, are they adequately designed to maintain hydrology, sediment transport & wildlife passage?		
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.)		
2.5 The overall project site is more than 40 acres?		
2.6 What is the area of the previously filled wetlands?		
2.7 What is the area of the proposed fill in wetlands?		
2.8 What is the % of previously and proposed fill in wetlands to the overall project site?		
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		

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. 		
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)?		
3.4 Does the project propose more than a 10-lot residential subdivision, or a commercial or industrial development?		
3.5 Are stream crossings designed in accordance with the GC 21?		
4. Flooding/Floodplain Values	Yes	No
4.1 Is the proposed project within the 100-year floodplain of an adjacent river or stream?		
4.2 If 4.1 is yes, will compensatory flood storage be provided if the project results in a loss of flood storage?		
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**		

*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.

Letter of Authorization

Haus Emily, LLC, 56 Westville Road #4, Plaistow, NH 03865, applicant of property located in Fremont, NH, known as Tax Map 1, Lot 82, do hereby authorize Jones & Beach Engineers, Inc., PO Box 219, Stratham, NH, to act on my behalf concerning the previously-mentioned property. The parcel is located on Scribner Road in Fremont, NH.

I hereby appoint Jones & Beach Engineers, Inc., as my agent to act on my behalf in the review process, to include any required signatures.

Witness



Haus Emily, LLC

5-5-2020
Date

Letter of Authorization

I, Steve Bassett, PO Box 212, Newfields, NH 03856, developer of property located in Fremont, NH, known as Tax Map 1, Lot 82, do hereby authorize Jones & Beach Engineers, Inc., PO Box 219, Stratham, NH, to act on my behalf concerning the previously-mentioned property. The parcel is located on Scribner Road in Fremont, NH.

I hereby appoint Jones & Beach Engineers, Inc., as my agent to act on my behalf in the review process, to include any required signatures.

Cindy Spanhower
Witness

Steve Bassett
Steve Bassett

6-14-18
Date

JONES & BEACH
ENGINEERS INC.

JONES & BEACH ENGINEERS INC.

85 Portsmouth Avenue, PO Box 219, Stratham, NH 03885
603.772.4746 - JonesandBeach.com

October 27, 2020

N.H. Department of Environmental Services
Wetlands Bureau
29 Hazen Drive, P.O. Box 95
Concord, N.H. 03302-0095

**Re: Standard Dredge & Fill Wetlands Permit Application
Scribner Road, Fremont, NH
Tax Map 1, Lot 82
JBE Project No. 19175.1**

Dear Mr. Lewis,

On behalf the applicant, Haus Emily, LLC we are submitting a Standard Dredge & Fill Wetlands Permit Application to construct a roadway for access to the developable portion of the subject lot.

The intent of the project is to construct a 1,000'± roadway cul-de-sac in support of a proposed 8-lot single-family subdivision. Roadway construction requires permanent wetland impact of 1,279 sq.ft. through a wet-meadow wetland. Proposed wetland impact is designed to expand upon the existing woods road to minimize the proposed impact. Project includes the installation of a 30" diameter culvert at the location of the wetland crossing to maintain hydraulic connectivity.

This project has been designed to meet all requirements as set forth in Env-Wt 307 via the following design and plan notes:

- Erosion control features have been selected to prevent erosion at the wetland impact location.
- Erosion Control notes have been provided on sheet E1 of the plan set.
- Construction Sequence has been provided on sheet E1 of the plan set.
- Proposed impact does not occur in a fishery or breeding area.
- Note regarding invasive species is included in the Erosion Control notes, sheet E1.
- No rare, threatened, or endangered species have been noted to be within the project vicinity by NHB.
- Proposed impacts are located greater than 10' from the property line.

Applicant has met with and discussed this project with the Fremont Conservation Commission. No comments were received from the Conservation Commission.

No comments have been received from any federal agency in relation to this project.

Please feel free to contact me by email at bjgier@jonesandbeach.com with any questions or comments during your review.

Very truly yours,
JONES & BEACH ENGINEERS, INC.

A handwritten signature in dark ink, appearing to read "Barry W. Gier". The signature is fluid and cursive, with a large initial "B" and a stylized "G".

Barry W. Gier, PE
Vice-President

cc: Emily Haus, LLC (Application package sent via email)
Town of Fremont (Application package dropped off)

WEST ENVIRONMENTAL INC.



48 Stevens Hill Road, Nottingham, NH 03290
603-734-4298 ♦ mark@westenv.net

Barry Gier, P.E., Vice President
Jones & Beach Engineers, Inc.
85 Portsmouth Avenue
PO Box 219
Stratham, NH 03885

December 15, 2020

RE: Heritage Farm Trust Subdivision Fremont, NH

SUBJ: Wetland Assessment Report

Dear Barry:

West Environmental, Inc. (WEI) prepared this report to document the Wetland Delineation, Classification and Functional Assessment of wetlands associated with a proposed eight Lot subdivision off Scribner Road in Fremont. Field work was conducted in the Summer and Fall of 2018 and this assessment was conducted based on field and office research.

Photo documentation of each wetland is attached. This only evaluates Wetland 1 a wet meadow associated with an intermittent drainage that will have impact associated with the expansion of an existing farm road wetland crossing. The remainder of the wetlands on site are protected within open space of have protected setbacks with houses greater than 100 feet from them.

Wetland Delineation

The wetlands were delineated according to the following standards:

- **US Army Corps of Engineers Wetlands Delineation Manual, Technical Report Y-87-1 (January, 1987).**
- **Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region (October 2012).**
- **New England Hydric Soils Technical Committee's "Field Indicators for Identifying Hydric Soils in New England", Version 4, 2017,**
- **Northcentral and Northeast 2016 Regional Wetland Plant List, Version 3.3, 2016**
- **Code of Administrative Rules. Wetlands Board, State of New Hampshire (Current).**

We evaluated soil probes, evidence of wetland hydrology and plant communities to determine the edge of wetland.

Wetland Classification

The wetlands were classified according to Cowardin System of Classification 1979. This wetland is classified as PEM1Ed Palustrine Emergent Persistent seasonally flooded/saturated ditched.

Wetland Functional Assessment

The Wetland Assessment was prepared by Mark West NH Certified Wetland Scientist. We have completed a wetland evaluation and attached the Wetlands Functional Assessment Worksheets. The wetland was evaluated according to Env-WT 311.10. The Function and Values evaluated include:

Ecological integrity
Educational Potential
Fish and Aquatic Life Habitat
Flood Storage
Groundwater Recharge
Noteworthiness
Nutrient Trapping/Retention/Transformation
Production Export
Scenic Quality
Sediment Trapping - Principal
Shoreline Anchoring - Principal
Uniqueness/Heritage
Water-based Recreation
Wetland-dependent Wildlife Habitat – Principal

Narrative

This wetland is 0.35 acres in size and has a 34-acre watershed most of which is on site. We have attached the following documents to support this assessment:

1. Overall Grading and Drainage Plan prepared by Jones and Beach Engineers
2. Aerial Photo Map of site
3. Photos of Wetland 1 and proposed crossing location
4. Wetland Functional Assessment Worksheet
5. Ecological Integrity form

This wetland is part of a hayfield and has historic ditching of the stream channel. It is dominated by grasses and includes forage species (red clover, timothy, reed-canary grass) as well as sedges, rushes and sensitive fern. Sediment Trapping, Shoreline Anchoring and Wildlife Habitat are the principal functions of this wetland.

Wildlife Species Observed: song sparrow, red-tailed hawk, meadow vole, blue jay

Avoidance and Minimization

The proposed road layout follows the location of the existing farm road crossing to avoid a new crossing and minimize wetland impact filling on either side of the existing road. The total wetland impact is 1,279 SF. Plans showing the fill cross-section and culvert are included in the plan set.

There are no other wetland impacts associated with this project and a total of 13.02 acres of open space is included in the subdivision design.

This completes our report and we hope that it meets your needs. Please call our office if you have any questions or require additional information.

Sincerely,
West Environmental, Inc.

A handwritten signature in dark ink, appearing to read 'Mark C. West', with a long, sweeping horizontal line extending to the right.

Mark C. West,
NH Certified Wetland Scientist #10

Cc: Town of Fremont
New Hampshire Department of Environmental Services

SCRIBNER ROAD - AERIAL



Legend

- Polygons
- Additional lines
- ◆ Attributes for additional lines
- State
- County
- City/Town

Map Scale
1: 4,905



© NH GRANIT, www.granit.unh.edu
Map Generated: 9/1/2020

Notes





1. Looking west at the existing culverted driveway crossing of Wetland 1..



2. Looking north at the downstream portion of Wetland 1.



3. Looking east across the upstream portion of Wetland 1.



WETLANDS FUNCTIONAL ASSESSMENT WORKSHEET

Water Division/Land Resource Management
Wetlands Bureau



RSA/Rule: RSA 482-A / Env-Wt 311.03(b)(10); Env-Wt 311.10

As required by Env-Wt 311.03(b)(10), an application for a standard permit for minor and major projects must include a functional assessment of all wetlands on the project site as specified in Env-Wt 311.10. This worksheet will help you compile data for the functional assessment needed to meet federal (US Army Corps of Engineers (USACE); if applicable) and NHDES requirements. Additional requirements are needed for projects in tidal area; please refer to the Coastal Area Worksheet for more information.

Both a desktop review and a field examination are needed to accurately determine surrounding land use, hydrology, hydroperiod, hydric soils, vegetation, structural complexity of wetland classes, hydrologic connections between wetlands or stream systems or wetland complex, position in the landscape, and physical characteristics of wetlands and associated surface waters. The results of the evaluation are to be used to select the location of the proposed project having the least impact to wetland functions and values (Env-Wt 311.10). This worksheet can be used in conjunction with the Written Narrative (NHDES-W-06-089) or Avoidance and Minimization Checklist (NHDES-W-06-050) to address Env-Wt 313.03 (Avoidance and Minimization). If more than one wetland/ stream resource is identified, multiple worksheets can be attached with the application. All wetland, vernal pools, and stream identification (ID) numbers are to be displayed and located on the wetlands delineation of the subject property.

SECTION 1 - LOCATION (USACE HIGHWAY METHODOLOGY)

ADJACENT LAND USE: *hayfield and residential*

CONTIGUOUS UNDEVELOPED BUFFER ZONE PRESENT? ☒ Yes ☐ No *Fields a few houses*

DISTANCE TO NEAREST ROADWAY OR OTHER DEVELOPMENT (in feet): *200' to road + existing driveway*

SECTION 2 - DELINEATION (USACE HIGHWAY METHODOLOGY; Env-Wt 311.10)

CERTIFIED WETLAND SCIENTIST (if in a non-tidal area) or QUALIFIED COASTAL PROFESSIONAL (if in a tidal area) who prepared this assessment: *Mark C. West NHCWS # 10*

DATE(S) OF SITE VISIT(S): *10/8/18
7/6/18*

DELINEATION PER ENV-WT 406 COMPLETED? ☒ Yes ☐ No

CONFIRM THAT THE EVALUATION IS BASED ON:

- ☒ Office and
☒ Field examination.

METHOD USED FOR FUNCTIONAL ASSESSMENT (check one and fill in field if "other"):

- ☒ USACE Highway Methodology.
☐ Other scientifically supported method (enter name/ title):

SECTION 3 - WETLAND RESOURCE SUMMARY (USACE HIGHWAY METHODOLOGY; Env-Wt 311.10)

WETLAND ID: *1*

LOCATION: (LAT/ LONG) */*

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

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

www.des.nh.gov

FUNCTIONS/ VALUES	SUITABILITY (Y/N)	RATIONALE (Reference #)	PRINCIPAL FUNCTION/VALUE? (Y/N)	IMPORTANT NOTES
1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	wet meadow associated with intermittent stream invasive grasses + existing crossing	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	relatively undisturbed. landscape but exosivis and invasives reduce integrity
2	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No access No open water. wet meadow No qualifications present.
3	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	4-17 ditched.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Seasonal flow in ditch very limited and does not support fish!
4	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2, 4, 7, 9, 13, 15 upper portion 18.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Minimal flood storage due to slope and ditching
5	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	1, 7, 15	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No aquifer present. sloping wetland.
6	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Natural Heritage has no records.
7	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3, 7, 8, 9	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ditched wet meadow drainage. no vegetation time.
8	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	3, 5, 7,	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	hay field
9	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	12	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No access. wetland similar to the rest of the field.
10	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	3, 4, 6, 7, 8, 10, 16	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Furbia present but ditching reduces sediment trapping
11	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2, 4, 6, 7, 9, 12, 15.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	primary Furbia of this wetland.
12	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7,	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Lacks Qualifications
13	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No	No water just a farm ditch.
14	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4, 5, 6, 7, 13, 17,	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Field habitat for raptors.

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

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

www.des.nh.gov

WETLAND AREA: 0.46 acres.	DOMINANT WETLAND SYSTEMS PRESENT: 1
HOW MANY TRIBUTARIES CONTRIBUTE TO THE WETLAND? 1 but No Stream is present.	COWARDIN CLASS: PEMIED wet meadow ditched.
IS THE WETLAND A SEPARATE HYDRAULIC SYSTEM? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No if not, where does the wetland lie in the drainage basin? high	IS WETLAND PART OF: <input type="checkbox"/> A wildlife corridor, or <input type="checkbox"/> A Habitat island? part of a hay field
IS WETLAND IN A 100-YEAR FLOODPLAIN? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	IS WETLAND HUMAN-MADE? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No but previously ditched.
ARE ANY WETLANDS PART OF A STREAM OR OPEN-WATER SYSTEM? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ARE VERNAL POOLS PRESENT? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (If yes, complete the Vernal Pool Table)
PROPOSED WETLAND IMPACT TYPE: Fill adjacent existing culvert.	ARE ANY PUBLIC OR PRIVATE WELLS DOWNSTREAM/DOWNGRADIENT? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	PROPOSED WETLAND IMPACT AREA: 1,279 SF

SECTION 4 - WETLANDS FUNCTIONS AND VALUES* (USACE HIGHWAY METHODOLOGY; Env-Wt 311.10)

The following table can be used to compile data on wetlands functions and values. The reference numbers indicated in the "Functions/ Values" column refer to the following functions and values:

1. Ecological Integrity (from RSA 482-A:2, XI)
2. Educational Potential (from USACE Highway Methodology: Educational/Scientific Value)
3. Fish & Aquatic Life Habitat (from USACE Highway Methodology: Fish & Shellfish Habitat)
4. Flood Storage (from USACE Highway Methodology: Floodflow Alteration)
5. Groundwater Recharge (from USACE Highway Methodology: Groundwater Recharge/Discharge)
6. Noteworthiness (from USACE Highway Methodology: Threatened or Endangered Species Habitat)
7. Nutrient Trapping/Retention & Transformation (from USACE Highway Methodology: Nutrient removal)
8. Production Export (Nutrient) (from USACE Highway Methodology)
9. Scenic Quality (from USACE Highway Methodology: Visual Quality/Aesthetics)
10. Sediment Trapping (from USACE Highway Methodology: Sediment /Toxicant Retention)
11. Shoreline Anchoring (from USACE Highway Methodology: Sediment/Shoreline Stabilization)
12. Uniqueness/Heritage (from USACE Highway Methodology)
13. Wetland-based Recreation (from USACE Highway Methodology: Recreation)
14. Wetland-dependent Wildlife Habitat (from USACE Highway Methodology: Wildlife Habitat)

First, determine if a wetland is suitable for particular function and value ("Suitability" column) and indicate the rationale behind your determination ("Rationale" column). Please use the rationale reference numbers listed in Appendix A of USACE "The Highway Methodology Workbook Supplement". Second, indicate which functions and values are principal (Principal Function/value?" column). As described in The Highway Methodology Workbook Supplement, "functions and values can be principal if they are an important physical component of a wetland ecosystem (function only) and/or are considered of special value to society, from a local, regional, and/or national perspective". "Important Notes" are to include characteristics the evaluator used to determine the principal function and value of the wetland.

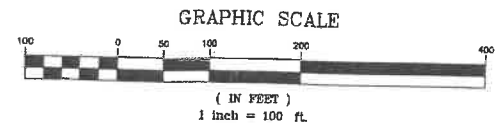
irm@des.nh.gov or (603) 271-2147

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

www.des.nh.gov

A	B	C	D	E	F	G	H
1 Wetland name/code	1		Date Evaluated:	11/30/2020			
2 Wetland area (acres)	0.35		Evaluated by:	Mark West			
3 Watershed area (acres)	234						
4							
5							
6							
7	1. ECOLOGICAL INTEGRITY						
8	1. Land uses in watershed that degrade water quality?	Score	10	5	1	0	Notes
9	2. Fill in Wetland?	10.0	Less than 1%	1-3%	>10% of watershed with such land uses		
10	3. Agriculture in wetland?	1.0	Less than 5%	5-25%	>3%		
11	4. Logging activity in wetland?	10.0	Less than 1%	1-10%	>25%		
12	5. Human activity in wetland?	5.0	Low	Moderate	>10%		
13	6. Invasive plants in wetland?	1	<1%	1-5%	High		
14	7. Road/driveway/railroad crossings?	1.0	None	within 500 ft of wetland	>5%		
15	8. Human activity within 500 ft?	10.0	Little or None	evident in up to 25% of 500 ft zone	adjacent to or crossing wetland		
16	9. % impervious surface within 500 ft?	10.0	< 3%	3-10%	evident in more than 25% of 500 ft zone		
17	10. Structure regulating water flow?	1.0	None	Slight modification	>10%		
18							
19	Average Score - Ecological integrity		5.8				
20							

Do not enter data into cells highlighted in blue. These cells contain formulas that automatically carry data over from function to function, or total and average functional scores.



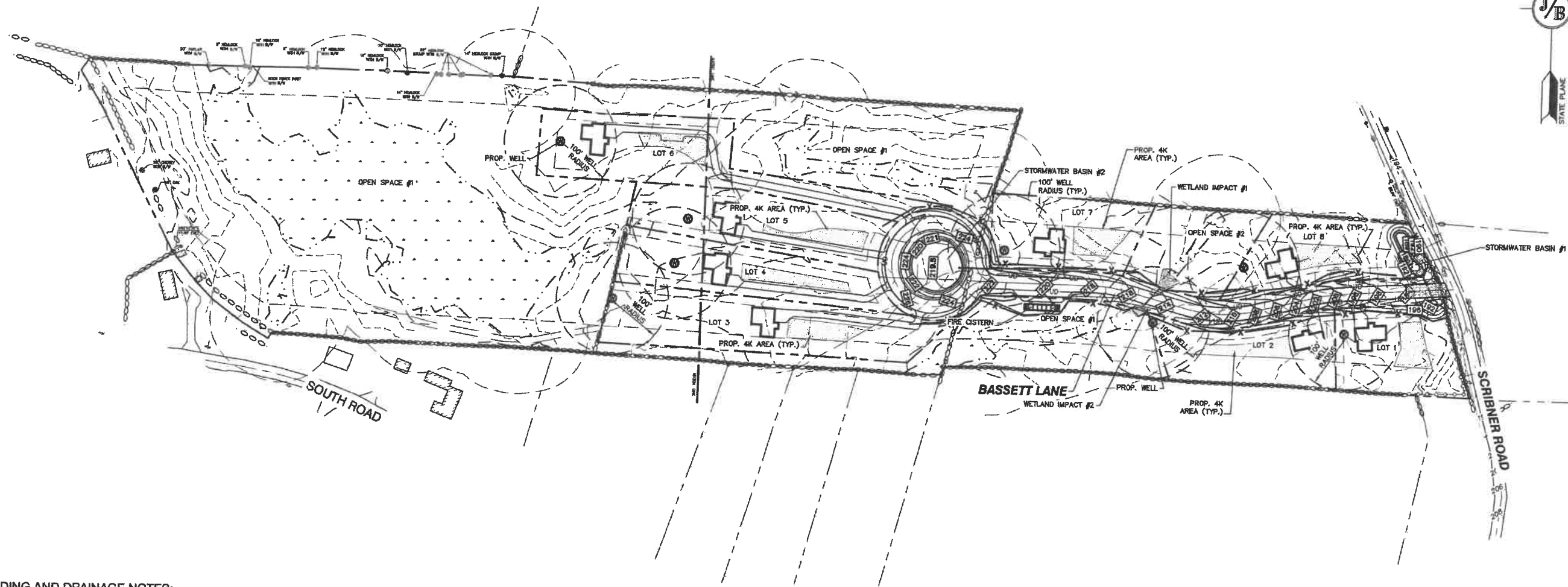
J/B

STATE PLANE

PROJECT PARCEL
TOWN OF FREMONT
TAX MAP 1, LOT B2

APPLICANT
HERITAGE FARM TRUST
STEPHEN L. BASSETT, TRUSTEE
PO BOX 212
NEWFIELDS, NH 03856

TOTAL LOT AREA
978,485± SQ. FT.
22.48± ACRES



GRADING AND DRAINAGE NOTES:

- UNDERGROUND FACILITIES, UTILITIES AND STRUCTURES HAVE BEEN PLOTTED FROM FIELD OBSERVATION AND THEIR LOCATION MUST BE CONSIDERED APPROXIMATE ONLY. NEITHER JONES & BEACH ENGINEERS, INC., NOR ANY OF THEIR EMPLOYEES TAKE RESPONSIBILITY FOR THE LOCATION OF ANY UNDERGROUND STRUCTURES AND/OR UTILITIES NOT SHOWN THAT MAY EXIST. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE ALL UNDERGROUND STRUCTURES AND/OR UTILITIES LOCATED PRIOR TO EXCAVATION WORK BY CALLING 888-DIG-SAFE (888-344-7233).
- VERTICAL DATUM: NAVD83. HORIZONTAL DATUM: NAD83 STATE PLANE.
- ALL BENCHMARKS AND TOPOGRAPHY SHOULD BE FIELD VERIFIED BY THE CONTRACTOR.
- SITE GRADING SHALL NOT PROCEED UNTIL EROSION CONTROL MEASURES HAVE BEEN INSTALLED. SEE CONSTRUCTION SEQUENCE ON SHEET E1.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS REQUIRED TO HAVE THE PROJECT'S LAND SURVEYOR STAKE OR FLAG CLEARING LIMITS. A MINIMUM OF 48 HOURS NOTICE IS REQUIRED.
- ALL SWALES AND DETENTION PONDS ARE TO BE STABILIZED PRIOR TO DIRECTING RUNOFF TO THEM.
- PROPOSED RIM ELEVATIONS OF DRAINAGE STRUCTURES ARE APPROXIMATE. FINAL ELEVATIONS ARE TO BE SET FLUSH WITH FINISH GRADES.
- ALL SWALES AND ANY SLOPES GREATER THAN 3:1 SHALL BE STABILIZED WITH NORTH AMERICAN GREEN S75 EROSION CONTROL BLANKETS (OR AN EQUIVALENT APPROVED IN WRITING BY THE ENGINEER), UNLESS OTHERWISE SPECIFIED.
- ALL DRAINAGE INTERIOR DIAMETERS (4" MIN) SHALL BE DETERMINED BY THE MANUFACTURER BASED ON THE PIPE CONFIGURATIONS SHOWN ON THESE PLANS. CATCH BASINS SHALL HAVE 3" DEEP SLUMPS WITH GREASE HOODS, UNLESS OTHERWISE NOTED.
- ALL DRAINAGE STRUCTURES SHALL BE PRECAST, UNLESS OTHERWISE SPECIFIED. SEE SHEET D1 FOR DRAINAGE DETAILS.
- ALL DRAINAGE STRUCTURES AND STORM SEWER PIPES SHALL MEET HEAVY DUTY TRAFFIC H20 LOADING AND SHALL BE INSTALLED ACCORDINGLY.
- ALL DRAINAGE PIPE SHALL BE NON-PERFORATED ADS N-12 OR APPROVED EQUAL.
- LAND DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED BY ALL GOVERNING AUTHORITIES. THE GENERAL CONTRACTOR SHALL STRICTLY ADHERE TO THE EPA SWPPP DURING CONSTRUCTION OPERATIONS.
- NO LAND CLEARING OR GRADING SHALL BEGIN UNTIL ALL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
- ALL EXPOSED AREAS SHALL BE SEEDED AS SPECIFIED WITHIN 3 DAYS OF FINAL GRADING.
- SHOULD CONSTRUCTION STOP FOR LONGER THAN 3 DAYS, THE SITE SHALL BE SEEDED AS SPECIFIED.
- MAINTAIN EROSION CONTROL MEASURES AFTER EACH RAIN EVENT OF 0.5" OR GREATER IN A 24 HOUR PERIOD AND AT LEAST ONCE A WEEK.
- THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE, AS THE GENERAL CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SEDIMENT FROM LEAVING THE SITE.
- CONSTRUCTION VEHICLES SHALL UTILIZE THE STABILIZED CONSTRUCTION ENTRANCE TO THE EXTENT POSSIBLE THROUGHOUT CONSTRUCTION.
- IF INSTALLATION OF STORM DRAINAGE SYSTEM SHOULD BE INTERRUPTED BY WEATHER OR NIGHTFALL, THE PIPE ENDS SHALL BE COVERED WITH FILTER FABRIC.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO TAKE WHATEVER MEANS NECESSARY TO ESTABLISH PERMANENT SOIL STABILIZATION.
- SEDIMENT SHALL BE REMOVED FROM ALL SEDIMENT BASINS BEFORE THEY ARE 25% FULL.
- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH PROJECT SPECIFICATIONS.
- ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED, IF DEEMED NECESSARY BY ON-SITE INSPECTION BY ENGINEER AND/OR REGULATORY OFFICIALS.
- SEE ALSO EROSION AND SEDIMENT CONTROL SPECIFICATIONS ON SHEET E1.
- PROPOSED WETLAND IMPACT:
IMPACT #1: 710 S.F.
IMPACT #2: 559 S.F.
TOTAL IMPACT: 1,279 S.F.
- CONTRACTOR TO REVIEW EXISTING CULVERT CONDITION WITH TOWN ENGINEER AND ROAD AGENT PRIOR TO CONSTRUCTION. EXISTING CULVERT TO BE CLEANED OR REPLACED AS REQUIRED.

F:\CADD\MASTER STANDARD\dwg\JB-LAYOUTS.dwg 3/12/2015 3:27:29 PM EDT

Design: BWG Draft: EJP Date: 11/23/20
Checked: BWG Scale: AS SHOWN Project No.: 19175.1
Drawing Name: 19175-PLAN.dwg

THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM JONES & BEACH ENGINEERS, INC. (JBE). ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO JBE.

REV.	DATE	REVISION	BY
2	12/10/20	REVISED PER PB COMMENTS	BWG
1	11/23/20	REVISED PER PB COMMENTS	BWG
0	9/25/20	ISSUED FOR REVIEW	ERE

Designed and Produced in NH
J/B Jones & Beach Engineers, Inc.
85 Portsmouth Ave. PO Box 219 Stratham, NH 03885
Civil Engineering Services
603-772-4746
FAX: 603-772-0227
E-MAIL: JBE@JONESANDBEACH.COM

Plan Name: **OVERAL GRADING AND DRAINAGE PLAN**
Project: **VIOLETTE ESTATES
FREMONT, NH**
Owner of Record: **HERITAGE FARM TRUST
PO BOX 212, NEWFIELDS, NH 03856**

DRAWING No.

C3

SHEET 11 OF 24
JBE PROJECT NO. 19175.1



**AVOIDANCE AND MINIMIZATION
WRITTEN NARRATIVE**
Water Division/Land Resources Management
Wetlands Bureau
Check the Status of your Application



RSA/ Rule: RSA 482-A/ Env-Wt 311.04(j); Env-Wt 311.07; Env-Wt 313.01(a)(1)b; Env-Wt 313.01(c)

APPLICANT'S NAME: Haus Emily, LLC

TOWN NAME: Fremont

An applicant for a standard permit shall submit with the permit application a written narrative that explains how all impacts to functions and values of all jurisdictional areas have been avoided and minimized to the maximum extent practicable. This attachment can be used to guide the narrative (attach additional pages if needed). Alternatively, the applicant may attach a completed Avoidance and Minimization Checklist (NHDES-W-06-050) to the permit application.

SECTION 1 - WATER ACCESS STRUCTURES (Env-Wt 311.07(b)(1))

Is the primary purpose of the proposed project to construct a water access structure?

No.

SECTION 2 - BUILDABLE LOT (Env-Wt 311.07(b)(1))

Does the proposed project require access through wetlands to reach a buildable lot or portion thereof?

Yes

SECTION 3 - AVAILABLE PROPERTY (Env-Wt 311.07(b)(2))*

For any project that proposes permanent impacts of more than one acre, or that proposes permanent impacts to a PRA, or both, are any other properties reasonably available to the applicant, whether already owned or controlled by the applicant or not, that 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?

**Except as provided in any project-specific criteria and except for NH Department of Transportation projects that qualify for a categorical exclusion under the National Environmental Policy Act.*

Proposed project does not impact more than 1 acre nor does it permanently impact a PRA.

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

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

www.des.nh.gov

SECTION 4 - ALTERNATIVES (Env-Wt 311.07(b)(3))

Could alternative designs or techniques, such as different layouts, different construction sequencing, or alternative technologies be used to avoid impacts to jurisdictional areas or their functions and values as described in the Wetlands Best Management Practice Techniques For Avoidance and Minimization?

No. Subject lot is a long narrow parcel that is bisected by a wetland finger near. The existing wetland finger prevents access to approximately 75% of the available upland on the parcel.

SECTION 5 - CONFORMANCE WITH Env-Wt 311.10(c) (Env-Wt 311.07(b)(4))**

How does the project conform to Env-Wt 311.10(c)?

***Except for projects solely limited to construction or modification of non-tidal shoreline structures only need to complete relevant sections of Attachment A.*

Proposed wetland impact is located at an existing farm crossing. The project will widen the farm crossing to allow vehicles to safely access the back 75% of the property uplands. Wetland finger where impact will occur currently has very low functions due to the seasonal nature of the stormwater runoff creating the wetland and the limited nature of the impact.



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.: **Haus Emily, LLC**

PROJECT STREET ADDRESS: **Scribner Road**

PROJECT TOWN: **Fremont**

TAX MAP/LOT NUMBER: **Map 1 / Lot 82**

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 checked="checked" type="checkbox"/> Yes <input type="checkbox"/> No
---------------------	---	--

If you answered "no" to this question, describe the purpose of the "non-access" project type you have proposed:



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

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

www.des.nh.gov

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 type="checkbox"/> Check <input checked="" 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 checked="" type="checkbox"/> Check <input 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 checked="" type="checkbox"/> Check <input 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 checked="" type="checkbox"/> Check <input 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 checked="" type="checkbox"/> Check <input type="checkbox"/> N/A
A/M BMPs	The project proposes bridges or spans instead of roads/driveways/trails with culverts.	<input checked="" type="checkbox"/> Check <input type="checkbox"/> N/A

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

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

www.des.nh.gov

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 checked="" type="checkbox"/> Check <input 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 checked="" type="checkbox"/> Check <input type="checkbox"/> N/A
Env-Wt 900	Stream crossings are sized to address hydraulic capacity and geomorphic compatibility.	<input checked="" type="checkbox"/> Check <input 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 checked="" type="checkbox"/> Check <input 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 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 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 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 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 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 type="checkbox"/> N/A

Please mail the completed form and required material to:

New Hampshire Division of Historical Resources
State Historic Preservation Office
Attention: Review & Compliance
19 Pillsbury Street, Concord, NH 03301-3570

RECEIVED

NOV 19 2020

DHR Use Only

R&C #

Log In Date

Response Date

Sent Date

12205
10/29/20
11/17/20
11/17/20

Request for Project Review by the New Hampshire Division of Historical Resources

NOV 20 2020

☒ This is a new submittal

☐ This is additional information relating to DHR Review & Compliance (R&C) #:

GENERAL PROJECT INFORMATION

Project Title Proposed Residential Subdivision

Project Location Scribner Rd

City/Town Fremont Tax Map 1 Lot # 82

NH State Plane - Feet Geographic Coordinates: Easting 1125573 Northing 171577
(See RPR Instructions and R&C FAQs for guidance.)

Lead Federal Agency and Contact (if applicable) n/a
(Agency providing funds, licenses, or permits)
Permit Type and Permit or Job Reference # n/a

State Agency and Contact (if applicable) AoT

Permit Type and Permit or Job Reference # Pending

APPLICANT INFORMATION

Applicant Name Densen Construction Inc, Attn: Gary Densen

Mailing Address 56 Westville Rd #4 Phone Number 603-765-8995

City Plaistow State NH Zip 03865 Email cdbuildersinc@comcast.net

CONTACT PERSON TO RECEIVE RESPONSE

Name/Company Emma Howard

Mailing Address PO Box 219 Phone Number 6037724746

City Stratham State NH Zip 03885 Email ehoward@jonesandbeach.com

This form is updated periodically. Please download the current form at www.nh.gov/nhdhr/review. Please refer to the Request for Project Review Instructions for direction on completing this form. Submit one copy of this project review form for each project for which review is requested. Include a self-addressed stamped envelope to expedite review response. Project submissions will not be accepted via facsimile or e-mail. This form is required. Review request form must be complete for review to begin. Incomplete forms will be sent back to the applicant without comment. Please be aware that this form may only initiate consultation. For some projects, additional information will be needed to complete the Section 106 review. All items and supporting documentation submitted with a review request, including photographs and publications, will be retained by the DHR as part of its review records. Items to be kept confidential should be clearly identified. For questions regarding the DHR review process and the DHR's role in it, please visit our website at: www.nh.gov/nhdhr/review or contact the R&C Specialist at marika.labash@dnr.nh.gov or 603.271.3558.

PROJECTS CANNOT BE PROCESSED WITHOUT THIS INFORMATION

Project Boundaries and Description

- ☒ Attach the Project Mapping using *EMMIT* or relevant portion of a 7.5' USGS Map. (See RPR Instructions and R&C FAQs for guidance.)
- ☒ Attach a detailed narrative description of the proposed project.
- ☒ Attach a site plan. The site plan should include the project boundaries and areas of proposed excavation.
- ☒ Attach photos of the project area (overview of project location and area adjacent to project location, and specific areas of proposed impacts and disturbances.) (Informative photo captions are requested.)
- ☒ A DHR records search must be conducted to identify properties within or adjacent to the project area. Provide records search results via EMMIT or in Table 1. (Blank table forms are available on the DHR website.)
EMMIT or in-house records search conducted on 10/28/2020.

Architecture

Are there any buildings, structures (bridges, walls, culverts, etc.) objects, districts or landscapes within the project area? ☒ Yes ☒ No
If no, skip to Archaeology section. If yes, submit all of the following information:

Approximate age(s): 1770-1982

- ☒ Photographs of *each* resource or streetscape located within the project area, with captions, along with a mapped photo key. (Digital photographs are accepted. All photographs must be clear, crisp and focused.)
- ☒ If the project involves rehabilitation, demolition, additions, or alterations to existing buildings or structures, provide additional photographs showing detailed project work locations. (i.e. Detail photo of windows if window replacement is proposed.)

Archaeology

Does the proposed undertaking involve ground-disturbing activity? ☒ Yes ☐ No
If yes, submit all of the following information:

- ☒ Description of current and previous land use and disturbances.
- ☒ Available information concerning known or suspected archaeological resources within the project area (such as cellar holes, wells, foundations, dams, etc.)

Please note that for many projects an architectural and/or archaeological survey or other additional information may be needed to complete the Section 106 process.

DHR Comment/Finding Recommendation *This Space for Division of Historical Resources Use Only*

- ☐ Insufficient information to initiate review. ☐ Additional information is needed in order to complete review.
- ☐ No Potential to cause Effects ☒ No Historic Properties Affected ☐ No Adverse Effect ☐ Adverse Effect

Comments:

Finding is for EPA purposes only.

If plans change or resources are discovered in the course of this project, you must contact the Division of Historical Resources as required by federal law and regulation.

Authorized Signature:

Neehi Mulla, DHR

Date:

11/17/2020



New Hampshire Natural Heritage Bureau

To: Emma Howard
PO Box 219
Stratham, NH 03885

Date: 9/23/2020

From: NH Natural Heritage Bureau

Re: Review by NH Natural Heritage Bureau of request dated 9/23/2020

VALID ONLY FOR NOTIFICATION OR MINIMUM EXPEDITED APPLICATIONS SUBMITTED TO
THE NHDES WETLANDS BUREAU

NHB File ID: NHB20-2911

Applicant: Emma Howard

Location: Tax Map(s)/Lot(s): Map 1, Lot 82
Fremont

Project Description: 8 Lot residential conventional subdivision

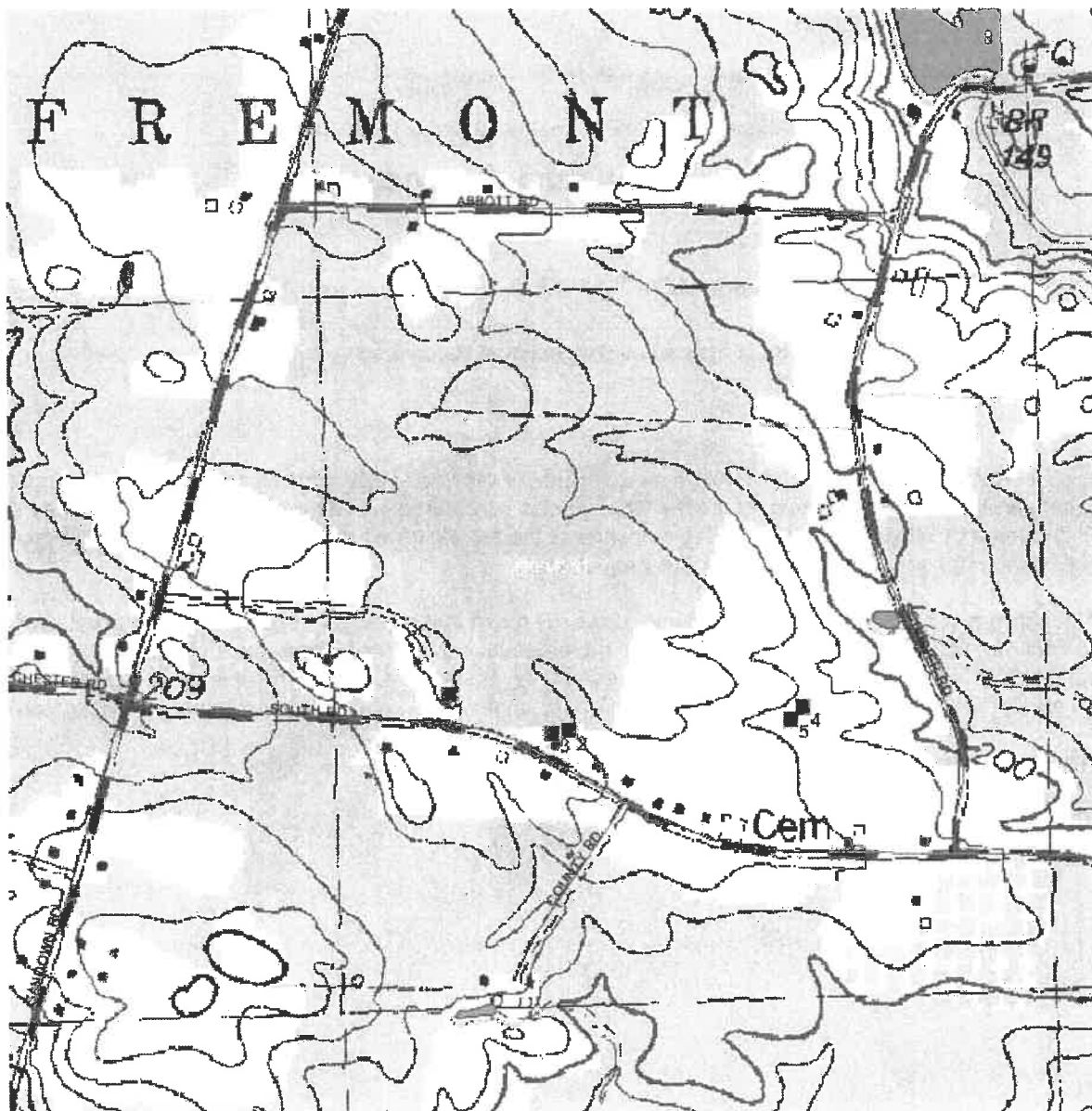
The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded occurrences for sensitive species near this project area.

A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

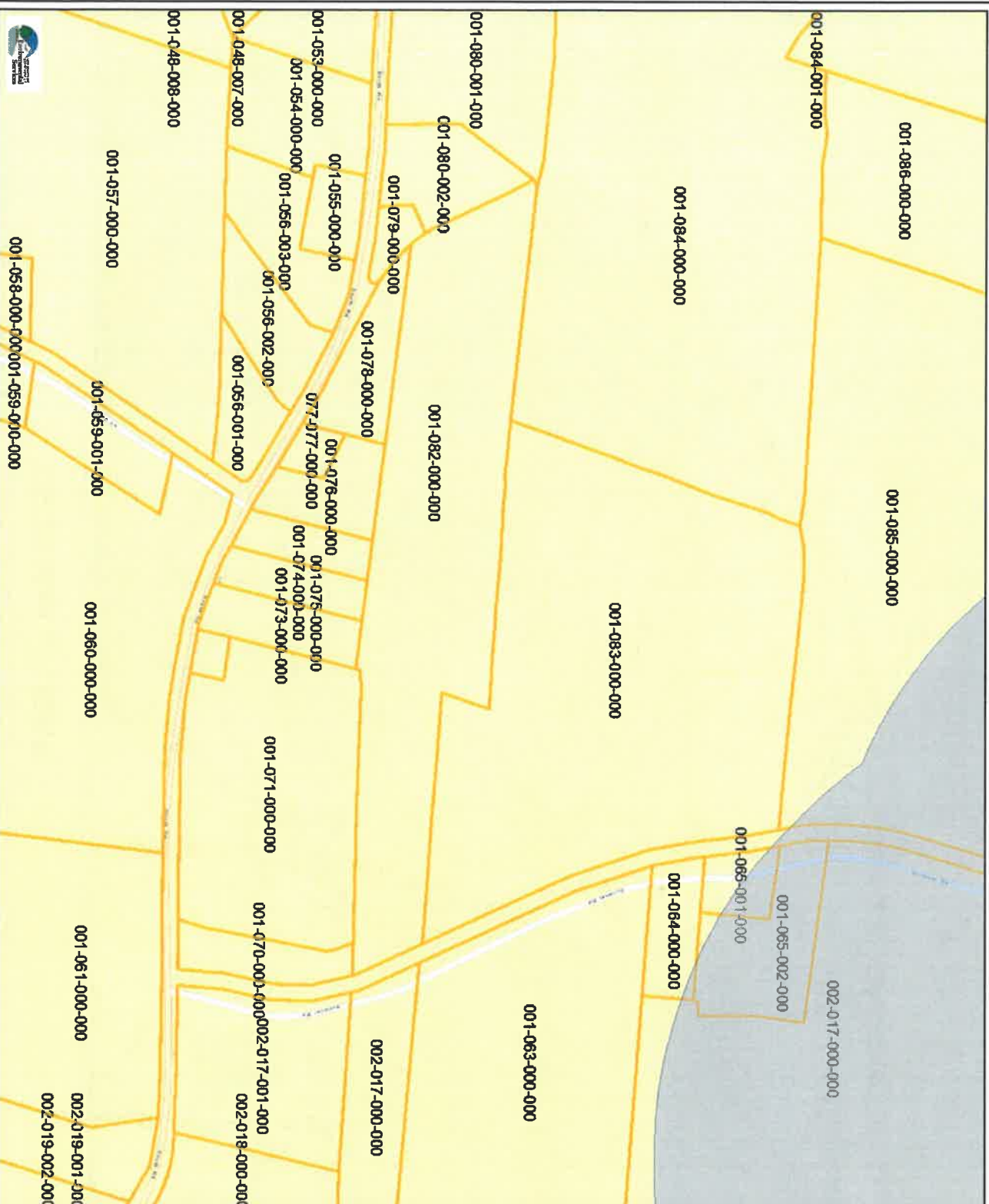
This report is valid through 9/22/2021.



MAP OF PROJECT BOUNDARIES FOR NHB FILE ID: NHB20-2911



Designated River Map



Legend

- Coastal and Great Bay Region
- Communities
- Designated Rivers Quarter Buffer
- Water Supply Intake Protect Areas
- All Lakes, with a Quarter Mile Buffer
- Surface Waters with Impaired 2016 with Quarter Mile Buffer
- Parcels - polygons
- Additional lines
- Attributes for additional lines

Map Scale

1: 5,000

© NH DES, <http://des.nh.gov>

Map Generated: 10/28/2020

Notes

USGS Map w/ LIDAR



Legend

Contour 2h 0108020201_s
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Map Scale
1: 4,905



© NH GRANIT, www.granit.unh.edu
Map Generated: 10/27/2020

Notes





Standing west of proposed impact, Looking East



Standing north of proposed impact, Looking South-east



Standing south-east of proposed impact -- Looking west



Standing south of proposed impact - Looking north-west



**AVOIDANCE AND MINIMIZATION
WRITTEN NARRATIVE**
Water Division/Land Resources Management
Wetlands Bureau
Check the Status of your Application



RSA/ Rule: RSA 482-A/ Env-Wt 311.04(j); Env-Wt 311.07; Env-Wt 313.01(a)(1)b; Env-Wt 313.01(c)

APPLICANT'S NAME: Haus Emily, LLC

TOWN NAME: Fremont

An applicant for a standard permit shall submit with the permit application a written narrative that explains how all impacts to functions and values of all jurisdictional areas have been avoided and minimized to the maximum extent practicable. This attachment can be used to guide the narrative (attach additional pages if needed). Alternatively, the applicant may attach a completed Avoidance and Minimization Checklist (NHDES-W-06-050) to the permit application.

SECTION 1 - WATER ACCESS STRUCTURES (Env-Wt 311.07(b)(1))

Is the primary purpose of the proposed project to construct a water access structure?

No.

SECTION 2 - BUILDABLE LOT (Env-Wt 311.07(b)(1))

Does the proposed project require access through wetlands to reach a buildable lot or portion thereof?

Yes

SECTION 3 - AVAILABLE PROPERTY (Env-Wt 311.07(b)(2))*

For any project that proposes permanent impacts of more than one acre, or that proposes permanent impacts to a PRA, or both, are any other properties reasonably available to the applicant, whether already owned or controlled by the applicant or not, that 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?

**Except as provided in any project-specific criteria and except for NH Department of Transportation projects that qualify for a categorical exclusion under the National Environmental Policy Act.*

Proposed project does not impact more than 1 acre nor does it permanently impact a PRA.

SECTION 4 - ALTERNATIVES (Env-Wt 311.07(b)(3))

Could alternative designs or techniques, such as different layouts, different construction sequencing, or alternative technologies be used to avoid impacts to jurisdictional areas or their functions and values as described in the Wetlands Best Management Practice Techniques For Avoidance and Minimization?

No. Subject lot is a long narrow parcel that is bisected by a wetland finger near. The existing wetland finger prevents access to approximately 75% of the available upland on the parcel.

SECTION 5 - CONFORMANCE WITH Env-Wt 311.10(c) (Env-Wt 311.07(b)(4))**

How does the project conform to Env-Wt 311.10(c)?

***Except for projects solely limited to construction or modification of non-tidal shoreline structures only need to complete relevant sections of Attachment A.*

Proposed wetland impact is located at an existing farm crossing. The project will widen the farm crossing to allow vehicles to safely access the back 75% of the property uplands. Wetland finger where impact will occur currently has very low functions due to the seasonal nature of the stormwater runoff creating the wetland and the limited nature of the impact.



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.: **Haus Emily, LLC**

PROJECT STREET ADDRESS: **Scribner Road**

PROJECT TOWN: **Fremont**

TAX MAP/LOT NUMBER: **Map 1 / Lot 82**

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.

☒ Yes ☐ No

If you answered "no" to this question, describe the purpose of the "non-access" project type you have proposed:

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

NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

www.des.nh.gov

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: SEE WETLAND FUNCTION AND VALUES ASSESSMENT COMPLETED BY MARK WEST (INCLUDED).

NAME OF CERTIFIED WETLAND SCIENTIST (FOR NON-TIDAL PROJECTS) OR QUALIFIED COASTAL PROFESSIONAL (FOR TIDAL PROJECTS) WHO COMPLETED THE ASSESSMENT: **MARK WEST**

DATE OF ASSESSMENT: **DECEMBER 2020**

Check this box to confirm that the application includes a NARRATIVE ON FUNCTIONAL ASSESSMENT: ☒ x

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:

Note: The Wetlands Functional Assessment worksheet can be used to compile the information needed to meet functional assessment requirements.

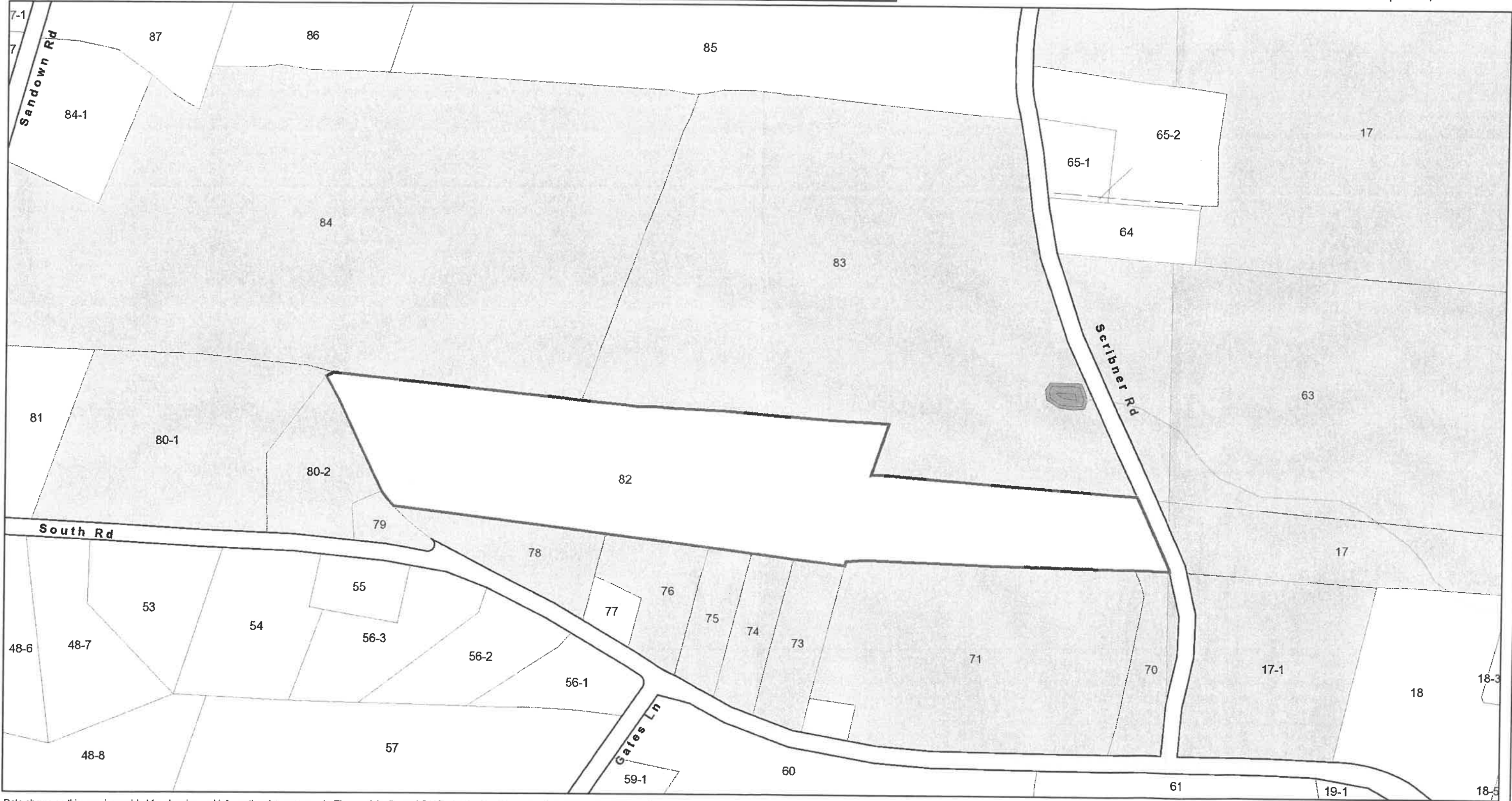


Fremont, NH

1 inch = 275 Feet



April 27, 2020



Data shown on this map is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this map.

JONES & BEACH ENGINEERS INC.

85 Portsmouth Avenue, PO Box 219, Stratham, NH 03885
603.772.4746 - JonesandBeach.com

January 5, 2021

**RE: NHDES Standard Dredge and Fill Wetlands Permit Application
Scribner Road, Fremont, NH
JBE Project No. 19175.1**

Dear Abutter:


On behalf of our client, Haus Emily, LLC, under RSA 482-A, we are required to notify you that we are applying for a Standard Dredge and Fill Wetlands Permit from the N.H. Department of Environmental Services (DES) Wetlands Bureau. This letter is to inform you, as an abutter to the above-referenced property, that an application will be filed with the DES Wetlands Bureau.

The project proposes to construct a 1,000+ ft roadway cul-de-sac in support of a new 8-lot single-family residential subdivision. The wetland application is required to expand the existing farm road wetland crossing. Total wetland impact is 1,279 sq.ft.

The application with plans that show the proposed project and wetland impacts will be available for viewing during normal business hours at the office of the Fremont City Clerk.

Please feel free to contact me by email at bgier@jonesandbeach.com with any questions or comments during your review.

Very truly yours,
JONES & BEACH ENGINEERS, INC.


Barry W. Gier, P.E.
Vice-President

BONAGURA, SUSAN J &
BONAGURA, MATTHEW T & TIM
298 SANDOWN ROAD
FREMONT, NH 03044

ROSSI, WILLIAM J & DIANE
207 SOUTH ROAD
FREMONT, NH 03044

COLE, JOHN M
618 CONTINENTAL DRIVE
DURHAM, NC 27712

SEVIGNY, GERARD L
201 SOUTH ROAD
FREMONT, NH 03044

CRANE TTEE, CYNTHIA E
GENEROUS TTEE, MARTIN P
CRANE-GENEROUS FAM REV TR
203 SCRIBNER ROAD
FREMONT, NH 03044

STANLEY REV TRUST, ELIZAB
STANLEY TRUSTEE, ELIZABET
167 SCRIBNER ROAD
FREMONT, NH 03044

DYER, JOHN DAVID &
COTTON, JANINA MARY
215 SOUTH ROAD
FREMONT, NH 03044

WEST 50% TIC, BRUCE R
WEST 50% TIC, WILFRED C
173 SOUTH ROAD
FREMONT, NH 03044

FERRARA, BARRY R & KIMBER
239 SOUTH ROAD
FREMONT, NH 03044

WOULFE JR, ROBERT A &
WOULFE, SUZANNE H
159 SOUTH ROAD
FREMONT, NH 03044

HOLMES JR, LEON F
HOLMES, LORI A
259 SOUTH ROAD
FREMONT, NH 03044

Jones & Beach Engineers
Attn: Barry Gier, PE
PO Box 219
Stratham, NH 03885

KARAMOURTOPOULOS, PETER J
KARAMOURTOPOULOS, AUDREY
125 SOUTH ROAD
FREMONT, NH 03044

Haus Emily, LLC
59 Westville Road, #4
Plaistow, NH 03865

KARCZ, JOHN A & LINDA J
277 SOUTH ROAD
FREMONT, NH 03044

MCKENZIE, DAVID J & SARAH
253 SOUTH ROAD
FREMONT, NH 03044

MURNANE, KEVIN P
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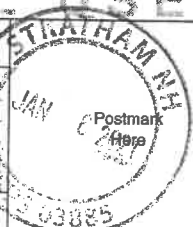
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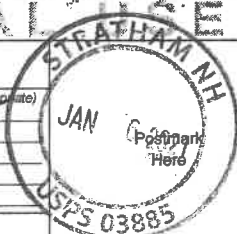
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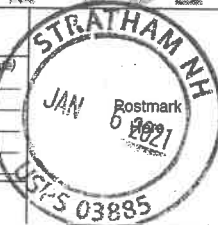
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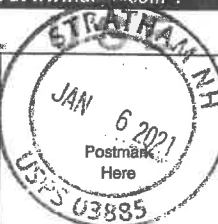
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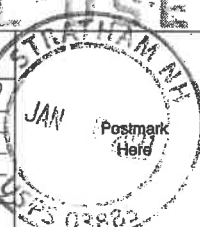
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BONAGURA, MATTHEW T & TIM
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CRANE TTEE, CYNTHIA E
GENEROUS TTEE, MARTIN P
CRANE-GENEROUS FAM REV TR
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COTTON, JANINA MARY
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KARAMOURTOPOULOS, PETER J
KARAMOURTOPOULOS, AUDREY
125 SOUTH ROAD
FREMONT, NH 03044

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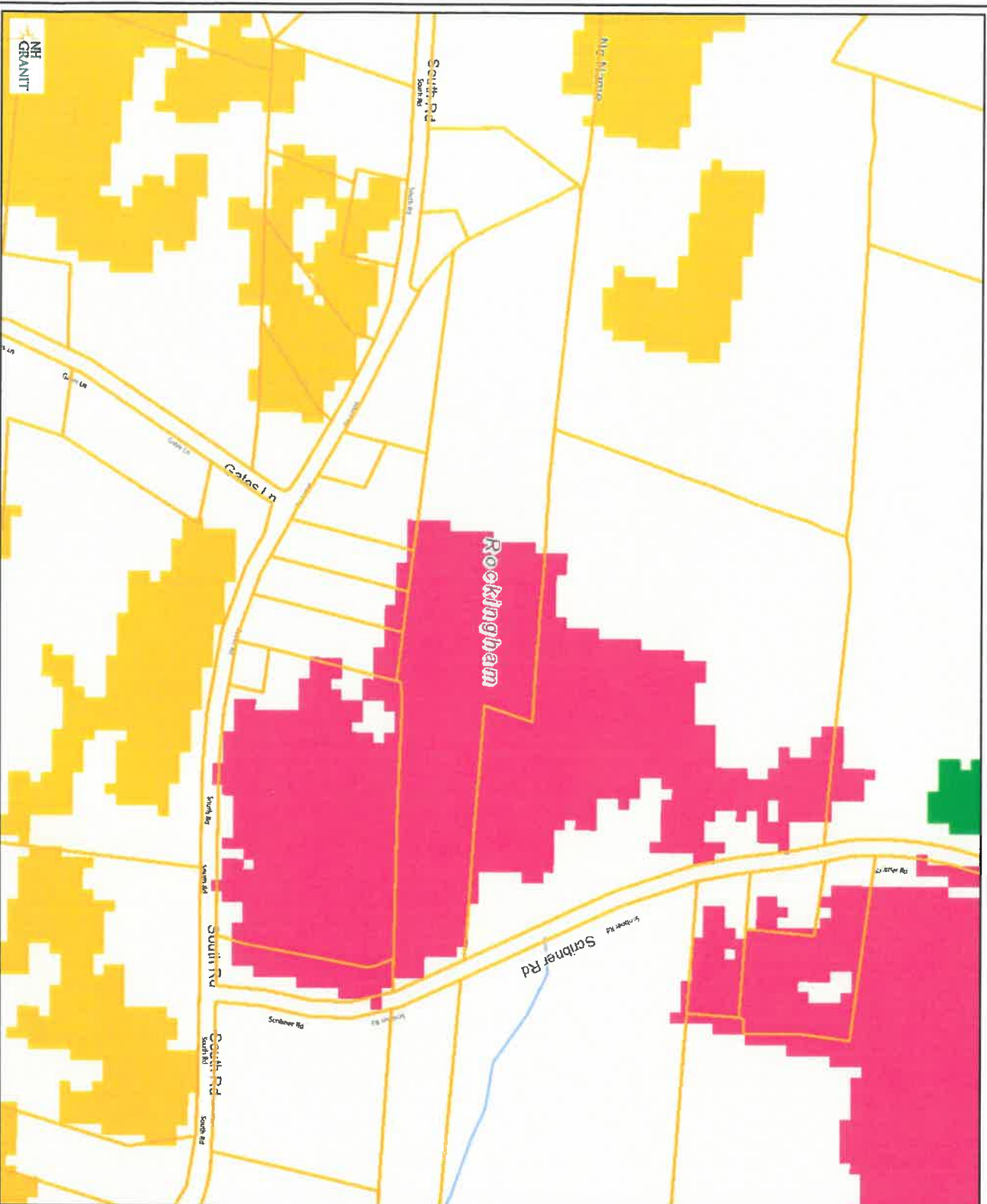
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277 SOUTH ROAD
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Highest Ranking Wildlife Areas



Legend

- Polygons
- State
- County
- City/Town
- WAP 2020: Highest Ranked Wildlife Habitat**
- 1 Highest Ranked Habitat in NH
- 2 Highest Ranked Habitat in Region
- 3 Supporting Landscape

Map Scale
1: 4,905



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Notes

