

**STATE OF NEW HAMPSHIRE
INTER-DEPARTMENT COMMUNICATION**

DATE: October 20, 2021

FROM: Andrew O'Sullivan
Wetlands Program Manager

AT (OFFICE): Department of
Transportation

SUBJECT: Shoreland Permit Amendment
Hinsdale –Brattleboro, 12210C
NHDES File 2020-02589

Bureau of
Environment

TO: Darlene Forst
NH Department of Environmental Services
Wetlands Bureau Shoreland Program
29 Hazen Drive
Concord, NH 03302-0095

Forwarded herewith is the Shoreland Permit Amendment package for the subject NHDOT project. The project is located on NH Route 119 in the Town of Hinsdale, NH. The proposed work consists of the construction of a new bridge to carry NH Route 119 over the Connecticut River.

Changes in impacts to shoreland jurisdiction are associated with the realignment of the trestle for accessing pier #7.

The shoreland impacts are within NH DOT Right-of-Way and permanent easements.

Erosion and siltation controls will be installed prior to the start of work and will be maintained throughout the project, and will remain in place until all disturbed areas have been stabilized.

A payment voucher has been processed for this amendment (Voucher #660122) in the amount of \$610.20 for a change in impacts of 3,051 SF.

If and when this application meets with the approval of the Bureau, please send the permit directly to Andrew O'Sullivan, Wetlands Program Manager, Bureau of Environment.

AMO:amo
Enclosures

cc:
BOE Original
Town of Hinsdale
Connecticut River Wantastiquet Local Advisory Committee

S:\\Environment\\Projects\\Hinsdale\\12210C\\Wetlands\\shoreland amendment distribution-10182021.doc

STATE OF NEW HAMPSHIRE
INTER-DEPARTMENT COMMUNICATION

DATE: October 14, 2021

FROM: Anthony L. King, PE **AT (OFFICE):** Bureau of Highway Design
Senior Design Engineer

SUBJECT: HINSDALE-BRATTLEBORE 12210C
Shoreland Permit Amendment
Contractor access trestle

TO: Darlene Forst **THRU:** Andrew O’Sullivan
Shoreland Program, Wetlands Program Manager
NHDES

MEMORANDUM

The Shoreland plans are amended with the following changes:

The Contractor’s planned bridge construction access trestle (Fig. 1) has a slightly different orientation in the trestle connection to the Hinsdale Connecticut River shoreline in comparison the trestle location developed for the environmental impact permit plans. Additional impacts for this change are included in the amended plans (Fig. 2, A→). In addition, the Contractor is proposing a small trestle to access the Hinsdale shoreline pier (Pier 7) which removes one of the anticipated fingers (accessing Pier 7) from the access trestle location developed during the project design. (the entire area between the nearby drainage outfall and the bridge work which the Contractor’s Pier 7 access partly covers has been included in the amended plans)(Fig. 2, B→).

Two small areas between the slope work and the Shoreland Plan reference lines which were omitted are included in the amended plans (Fig. 2, C→ and D→).

The area under the bridge where no impact is planned but allows a less cramped access to Pier 7 for the Contractor has been included in the amended plans (Fig. 2 E→).

The Bureau of Construction has requested a straight line connecting two slope work areas instead of the currently shown angular line adjacent to Existing NH 119 and has been included in the amended plans (Fig. 2, F→).

The amendment to the Shoreland Plans increases the impacts in the Ref to WB50 area from 8,359 sf to 10,184 sf ($\Delta=+1,825$ sf), and in the WB50 to NWB150 area from 41,611 sf to 42,837 sf ($\Delta=+1,226$ sf). The total impacts increase from 76,360 sf to 79,411 sf ($\Delta=+3,051$ sf). This will increase the permit fee from \$15,672 to \$16,282.20 (+\$610.20)

The pre and post construction impervious surfaces are unchanged.

The Natural Woodland areas within the 50' – 150' from reference line are unchanged.

cc: D. Scott; T Zanes; K. Benedict (NHDES)

ALK/alk

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SHRLND IMPCT Rev1 10132021T.DOC

LEGEND

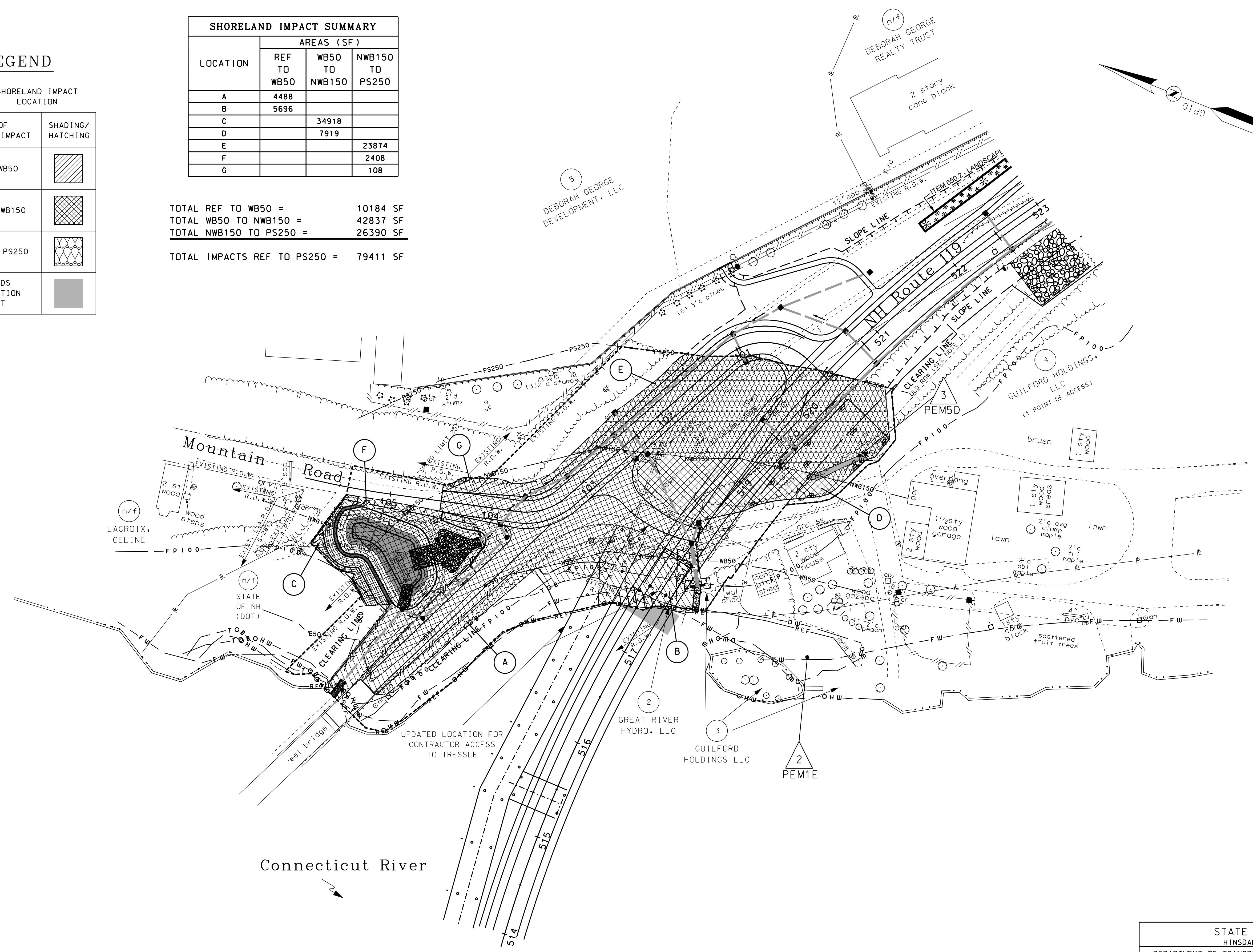
(X) SHORELAND IMPACT LOCATION	
TYPE OF SHORELAND IMPACT	SHADING/HATCHING
REF TO WB50	
WB50 TO NWB150	
NWB150 TO PS250	
WETLANDS JURISDICTION IMPACT	

LOCATION	AREAS (SF)		
	REF TO WB50	WB50 TO NWB150	NWB150 TO PS250
A	4488		
B	5696		
C		34918	
D		7919	
E			23874
F			2408
G			108

TOTAL REF TO WB50 = 10184 SF
 TOTAL WB50 TO NWB150 = 42837 SF
 TOTAL NWB150 TO PS250 = 26390 SF
 TOTAL IMPACTS REF TO PS250 = 79411 SF

SDR PROCESSED	DATE	05/2019
NEW DESIGN	TWC	DATE
SHEET CHECKED	ALK	DATE
AS BUILT DETAILS		DATE

REVISIONS AFTER PROPOSAL	STATION	DESCRIPTION



STATE OF NEW HAMPSHIRE HINSDALE NH - BRATTLEBORO VT			
DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN			
SHORELAND IMPACT PLANS			
DGN	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
12210Cshorelandrev1	12210C	1	1



**AMENDMENT REQUEST FORM
FOR A WETLANDS APPLICATION OR PERMIT
Water Division/Land Resources Management
Wetlands Bureau**



RSA/Rule: RSA 482-A:3, XIV(e)/ Env-Wt 311.13; Env-Wt 314.07

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

Any request for an amendment to a wetlands application or permit must be submitted to the Department on this form. An applicant may request an amendment to a pending permit application or an existing permit, provided the proposed change does not constitute a **“significant amendment.”** A **“significant amendment”** means an amendment which changes the proposed or previously approved acreage of the permitted fill or dredge area by 20 percent or more, includes a prime wetland, or elevates the project’s impact classification. This meaning of "significant amendment" shall not apply to an application amendment that is in response to a request from the Department (RSA 482-A:3, XIV(e)).

SECTION 1 - REQUESTED AMENDMENT TYPE AND AMENDMENT CRITERIA

Does the proposed change constitute a “significant amendment” as provided in RSA 482-A:3, XIV(e) and described above? Yes No

If you answered “yes” to the previous question, then you cannot request an amendment using this form and must file a new permit application.

AMENDMENT TO PENDING PERMIT APPLICATION, NHDES FILE NUMBER: [] (proceed to Section 2)

AMENDMENT TO EXISTING PERMIT NUMBER: 202002589 (proceed to Section 3)

SECTION 2 - AMENDMENT TO A PENDING PERMIT APPLICATION

Not applicable

To request an amendment to a pending permit application, the applicant must:

- Submit the information required by Env-Wt 311.03, showing the changes prior to the Department’s issuance of a final decision on the application, including but not limited to, a revised set of plans and revised application fees for any additional square footage of impacts calculated pursuant to RSA 482-A:3, I(b) or (c) as applicable, and
- Provide notice to each person to whom notice of the original application was sent prior to filing the amended application with the Department (Env-Wt 311.13).

By checking this box, you confirm that you have provided all information required pursuant to Env-Wt 311.03 to the Department and provided the required notice(s) as described above.

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

NHDES Wetlands Bureau, PO Box 95, Concord, NH 03303-0095

www.des.nh.gov

SECTION 3 - AMENDMENT TO AN EXISTING PERMIT

Not applicable

To request an amendment to an existing permit, the permittee must:

- Submit the information required and filed with the original permit application, including but not limited to a revised set of plans, and revised application fees for any additional square footage of impacts calculated pursuant to RSA 482-A:3, I(b) or (c) as applicable, and
- Provide notice to all who received notice of the original application prior to filing the amended application with the Department (Env-Wt 314.07).

By checking this box, you confirm that you have provided all necessary information to the Department and provided the required notice(s) as described above.

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SHORELAND PERMIT APPLICATION
 Water Division/ Land Resources Management
 Shoreland Program
Check the Status of your Application



RSA/Rule: RSA 483-B, Env-Wq 1400 *Shoreland Amendment - NHDES File # 2020-02569*

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

This is an application for a permit to excavate, fill, construct new structures, or remove structures within the protected shoreland as regulated under RSA 483-B.

SECTION 1 - PROJECT DESCRIPTION (Env-Wq 1406.07)			
Provide a concise description of the proposed project: The proposed project involves the construction of a new bridge on a new alignment that will carry NH Route 119 over the Connecticut River in Hinsdale, NH and Brattleboro, VT. The new bridge will be located approximately 1000' south of the existing bridges. The existing bridge structures will be closed to vehicle traffic but will be maintained as a pedestrian crossing. The closure of the existing bridges to motorized vehicles will eliminate access to the informal boat launch located on the island. For Boat Ramp information see Hinsdale-Brattleboro 12210C Boat Ramp Application			
SECTION 2 - PROJECT LOCATION (Env-Wq 1406.07)			
ADDRESS: NH Route 119	TOWN/CITY: Hinsdale	STATE: NH	ZIP CODE: 03451
WATERBODY NAME: Connecticut River		TAX MAP/ BLOCK/LOT NUMBER : ROW	
SECTION 3 - PROPERTY OWNER & DEED INFORMATION (Env-Wq 1406.07)			
The legal name of each property owner must be as it appears on the deed of record. If the owner is a trust or a company, then the name of the trust or company should be written as the owner's name.			
LAST NAME, FIRST NAME, M.I: NH Department of Transportation (contact person: Andrew O'Sullivan, Wetlands Program Manager)			
MAILING ADDRESS: 7 Hazen Drive	TOWN/CITY: Concord	STATE: NH	ZIP CODE: 03302
PHONE: 603-271-3226	EMAIL (if available): Andrew.O'Sullivan@dot.nh.gov		
REGISTRY OF DEED COUNTY _____, BOOK NUMBER _____, PAGE NUMBER _____			
SECTION 4 - APPLICANT (DESIRED PERMIT HOLDER), IF DIFFERENT THAN OWNER (Env-Wq 1406.07)			
If the applicant is a trust or a company, then the name of the trust or company should be written as the applicant's name. If the applicant is the owner, leave blank and check the following box: <input checked="" type="checkbox"/> .			
LAST NAME, FIRST NAME, M.I: _____			
MAILING ADDRESS: _____	TOWN/CITY: _____	STATE: _____	ZIP CODE: _____

shoreland@des.nh.gov or (603) 271-2147
 NHDES Shoreland Program, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095
<http://www.des.nh.gov>

PHONE: [REDACTED]		EMAIL (if available): [REDACTED]	
SECTION 5 - CONTRACTOR OR AGENT (OPTIONAL)			
LAST NAME, FIRST NAME, M.I.: [REDACTED]			
ADDRESS: [REDACTED]		TOWN/CITY: [REDACTED]	STATE: [REDACTED] ZIP CODE: [REDACTED]
PHONE: [REDACTED]		EMAIL (if available): [REDACTED]	
SECTION 6 - CRITERIA (Env-Wq 1406.07)			
Please check at least one of the following criteria:			
<input checked="" type="checkbox"/> This shoreland permit application requires neither a proposal to make the property more nearly conforming nor a request for a waiver of a minimum standard.			
<input type="checkbox"/> This shoreland permit application includes a proposal to make the structures and/or the property <u>more nearly conforming</u> in accordance with RSA 483-B:11.			
<input type="checkbox"/> This shoreland permit application includes a <u>request for a waiver</u> of the following minimum standard(s): RSA 483-B:9, V [REDACTED].			
SECTION 7 - RELATED NHDES LAND RESOURCES MANAGEMENT PERMIT APPLICATIONS ASSOCIATED WITH THIS PROJECT (Env-Wq 1406.14)			
Please indicate if any of the following permits are required and, if required, the status of the application.			
Permit Type	Permit Required	File Number	Permit Application Status
Alteration of Terrain Permit per RSA 485-A:17	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	[REDACTED]	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Individual Sewerage Disposal per RSA 485-A:29	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	[REDACTED]	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Subdivision Approval per RSA 485-A:29	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	[REDACTED]	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Wetlands Permit per RSA 482-A	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	2019-03774	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
SECTION 8 - REFERENCE LINE ELEVATION (Env-Wq 1406.07)			
Required for projects located on the protected shoreland of lakes or ponds. The reference line elevations for most lakes, ponds, and artificial impoundments greater than 10 acres in size are listed in the Consolidated List of Waterbodies Subject to the Shoreland Water Quality Protection Act. Please see RSA 483-B:4, XVII for the definition of reference line.			
REFERENCE LINE ELEVATION: 220 feet above sea level.			
SECTION 9 - APPLICATION FEE & SUBMITTAL (RSA 483-B:5-b, I, (b))			
A non-refundable permit application fee of \$200 plus \$0.20 per total square feet of impact for restoration of water quality improvement projects, or \$400 plus \$0.20 per total square feet of impact for all other projects is required at the time the application is submitted. Please mail or hand deliver this application and all required attachments to the NHDES Wetlands Bureau, PO Box 95, Concord, NH 03302-0095. Missing information will delay processing your application and may result in denial of a shoreland permit application. Please make checks payable to the Treasurer, State of NH.			

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

NHDES Shoreland Program, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

<http://www.des.nh.gov>

SECTION 10 - CALCULATING THE TOTAL IMPACT AREA AND PERMIT APPLICATION FEE (RSA 483-B:5-b, I, (b))		
Total impact area is calculated by determining the sum of all areas disturbed by regrading, excavating, filling, construction, or structure removal. Impacts often include, but are not limited to: constructing new driveways, constructing new structures, areas disturbed when installing septic systems and foundations, creating temporary access roads to drill a new well, and regrading associated with landscaping activities.		
TOTAL AREA IMPACTED WITHIN THE PROTECTED SHORELAND = 79,411 (+3,051 SF) (A) square feet		
<ul style="list-style-type: none"> • For restoration of water quality improvement projects: Multiply line (A) by \$0.20 and add \$200. [(A) × \$0.20 + \$200] =\$ Permit fee • For all other projects: Multiply line (A) by \$0.20 and add \$400. [(A) × \$0.20 + \$400] =\$ 16,282.20 (+\$610.20) Permit fee 		
SECTION 11 - REQUIRED CERTIFICATIONS (Env-Wq 1406.08; Env-Wq 1406.10(a))		
By initialing within the blank before each of the following statements, and signing below, you are certifying that:		
Initials: A.O.	The information provided is true, complete, and not misleading to the knowledge and belief of the signer.	
Initials: A.O.	I understand that: <ul style="list-style-type: none"> • Any permit or waiver granted based on false, incomplete, or misleading information shall be subject to revocation. • I am subject to the applicable penalties in RSA 641, Falsification in Official Matters. And • Obtaining a shoreland permit shall not exempt the work proposed from other state, local, or federal approvals. 	
Initials: A.O.	I have notified the municipality or municipalities in which the proposed impacts are located and provided them with a complete copy of the application and all supporting materials via certified mail, in accordance with Env-Wq 1406.13.	
Initials: A.O.	I have notified all abutters ¹ of the proposed impacts via certified mail, in accordance with Env-Wq 1406.13.	
Initials: A.O.	<input checked="" type="checkbox"/> This project is within ¼ mile of a designated river and I have notified the Local River Management Advisory Committee (LAC) by providing the LAC with a copy of the complete application, including all supporting materials, via certified mail, in accordance with Env-Wq 1406.13. <input type="checkbox"/> This project is not within ¼ mile of a designated river.	
Initials: 	For any project proposing that the impervious area be at least 15% but not more than 20% within the protected shoreland, I certify that the impervious area is not more than 20%. <input type="checkbox"/> N/A	
SECTION 12 - REQUIRED SIGNATURES (Env-Wq 1406.08)		
Both the property owner and applicant must sign the application.		
SIGNATURE (OWNER): 	PRINT NAME LEGIBLY: A. O'Sullivan NHDOT-30E	DATE: 10/25/2021
SIGNATURE (APPLICANT, IF DIFFERENT FROM OWNER): 	PRINT NAME LEGIBLY: 	DATE:

¹ "Abutter" means any person who owns property that is immediately contiguous to the property on which the proposed work will take place, or who owns flowage rights on such property. The term does not include those properties separated by a public road or more than ¼ mile from the limits of the proposed work. If contiguous properties are owned by the person who is proposing the work, then the term includes the person owning the next contiguous property, subject to the ¼ mile limitation.

SHORELAND APPLICATION WORKSHEET

This worksheet *must* be submitted to the NHDES Wetlands Bureau with every Shoreland Permit Application. **A separate shoreland application worksheet must be submitted for each individual lot of record where impacts are proposed.**

For the purposes of this worksheet, “**pre-construction**” impervious surface area² means all human made impervious surfaces³ currently present within the protected shoreland of a lot, whether to be removed or to remain after the project is completed. “**Post-construction**” impervious area means all impervious surfaces that will exist within the protected shoreland of a lot upon completion of the project, including both new and any remaining pre-construction impervious surfaces. All answers shall be given in square feet.

Calculating the Impervious Area of a Lot

CALCULATING THE IMPERVIOUS AREA OF A LOT WITHIN 250 FEET OF THE REFERENCE LINE (Env-Wq 1406.11)			
	STRUCTURE DESCRIPTION	PRE-CONSTRUCTION IMPERVIOUS AREAS	POST-CONSTRUCTION IMPERVIOUS AREAS
PRIMARY STRUCTURE(S) House and all <u>attached</u> decks and porches.	NH 119/Mountain Road	24,937 FT ²	30,426 FT ²
ACCESSORY STRUCTURES All other impervious surfaces excluding lawn furniture, well heads, and fences. Common accessory structures include, but are not limited to: driveways, walkways, patios, and sheds.	[REDACTED]	[REDACTED] FT ²	[REDACTED] FT ²
	[REDACTED]	[REDACTED] FT ²	[REDACTED] FT ²
	[REDACTED]	[REDACTED] FT ²	[REDACTED] FT ²
	[REDACTED]	[REDACTED] FT ²	[REDACTED] FT ²
	[REDACTED]	[REDACTED] FT ²	[REDACTED] FT ²
	[REDACTED]	[REDACTED] FT ²	[REDACTED] FT ²
TOTAL:		(A) 24,937 FT ²	(B) 30,426 FT ²
Area of the lot located within 250 feet of reference line:			(C) 106,951 FT ²
Percentage of lot covered by pre-construction impervious area within 250 feet of the reference line: <i>[divide (A) by (C) x 100]</i>			(D) 23.3 %
Percentage of lot to be covered by post-construction impervious area within 250 feet of the reference line upon completion of the project: <i>[divide (B) by (C) x 100]</i>			(E) 28.4 %

² “**Impervious surface area**” as defined in Env-Wq 1402.13 means, for purposes of the impervious surface limitation specified in RSA 483-B:9, V(g), the sum total of the footprint of each impervious surface that is located within the protected shoreland.

³ “**Impervious Surface**” as defined in RSA 483-B:4, VII-b means any modified surface that cannot effectively absorb or infiltrate water. Examples of impervious surfaces include, but are not limited to, roofs, and unless designed to effectively absorb or infiltrate water, decks, patios, and paved, gravel, or crushed stone driveways, parking areas, and walkways.

Stormwater Management Requirements

THE IMPERVIOUS AREA THRESHOLDS (RSA 483-B:9, V(g))
<input type="checkbox"/> A net decrease or no net increase in impervious area is proposed (If line E is less than or equal to line D).
<input type="checkbox"/> The percentage of post-construction impervious area (line E) is less than or equal to 20%. This project does not require a stormwater management plan and does not require a plan demonstrating that each waterfront buffer grid segment at least meets the minimum required tree and sapling point score.
<input checked="" type="checkbox"/> A net increase in impervious area is proposed and the percentage of post-construction impervious area (line E) is greater than 20%, but less than 30%. This project requires a stormwater management but, does not require a plan demonstrating that each waterfront buffer grid segment at least meets the minimum required tree and sapling point score. <i>See details on the Application Checklist</i>
<input type="checkbox"/> A net increase in impervious area is proposed and the percentage of post-construction impervious area (line E) is greater than 30%. This project requires a stormwater management plan designed and certified by a professional engineer and requires plans demonstrating that each waterfront buffer grid segment meets at least the minimum required tree and sapling point score. <i>See details on the Application Checklist</i>

Natural Woodland Area Requirement

DETERMINING THE AREA TO REMAIN AS NATURAL WOODLAND	
Total area of the lot between 50 feet and 150 feet of the reference line within which the vegetation currently exists as natural woodland ⁴ (see definition below).	(F) 11,939 FT ²
Total area of the lot between 50 feet and 150 feet from the reference line.	(G) 47,678 FT ²
At least 25% of area (G) must remain in as natural woodland. $[0.25 \times G]$	(H) 11920 FT ²
Place the lesser of area (F) and calculation (H) on this line. In order to remain compliant with the natural woodland area requirement , this is the minimum area that must remain as natural woodland between 50 feet and 150 feet from the reference line. This area must be represented on all plans and this area, exclusive of existing lawn, must remain in an unaltered state ⁵ .	(I) 11920 FT ²
Name of person who prepared this worksheet: Tony King P.E.	
Name and date of the plan this worksheet is based upon: 12210CShorelandrev1	

⁴ **“Natural Woodland”** means a forested area consisting of various species of trees, saplings, shrubs, and ground covers in any combination and at any stage of growth (483-B:4, XI).

⁵ **“Unaltered State”** means native vegetation allowed to grow without cutting, limbing, trimming, pruning, mowing, or other similar activities except as needed for renewal or to maintain or improve plant health (483-B:4, XXIV-b).

Keep this checklist for your reference; do not submit with your application.

Shoreland Permit Amendment NHDES # 2020-02589

APPLICATION CHECKLIST

Unless specified, all items listed below are required. Failure to provide the required items will delay a decision on your project and may result in the denial of your application. Please reference statute RSA 483-B, the Shoreland Water Quality Protection Act (SWQPA) and administrative rules Env-Wq 1400 et seq. of the SWQPA available online at www.des.nh.gov. This checklist is for your guidance only. Please submit the required items but do not submit this checklist to NHDES.

Required Attachments for All Projects (Env-Wt 1406.06, Env-Wq 1406.07; Env-Wq 1406.12; Env-Wq 1406.13)

- Application fee required by RSA 483-B:5-b, I(b).
- A copy of the recorded deed of the current property owner.
- A copy of the US Geological Survey map with the property and project located.
- Photographs which clearly show the existing site conditions within the protected shoreland, including the area within 50 feet of all proposed impacts.
- A copy of the tax map showing the location and lot number of the proposed project.
- A list of names and mailing addresses, as well as tax map and lot numbers, of all abutters. Public infrastructure projects such as public roads, public utility lines, and associated structures and facilities, including public water access facilities, are not required to notify abutters (RSA-483-B:5-b, IV(a)).
- Certified mail receipts verifying that the governing body of the municipality in which the project will be located, the Local River Management Advisory Committee (LAC), if the project is within ¼ mile of a Designated River under RSA 483:15, and all abutters have been notified, as applicable (RSA-483-B:5-b, IV(a)).
- A copy of the NH Natural Heritage Bureau (NHB) Report for the subject property indicating that the project has been screened for species of concern.
- If the applicant is not the property owner and is not the authorized agent of the property owner for purposes of the application, documentation supporting the applicant's right to engage in the proposed activity on the property, for example a long-term lease or purchase-and-sale agreement.
- Plans and additional information, as described below.

Plans (Format)

- Plans shall have a left margin of 2 inches; the remaining margins shall be at least 1 inch (Env-Wq 1406.11(b)).
- Plans which are drawn to scale shall be shown using a scale of not more than 20 feet to one inch, except that if the lot cannot be shown on a 1:20 scale, it shall be shown on a larger scale on a separate sheet (Env-Wq 1406.11(c)).
- Fold oversized plans to 8.5 x 11 inches (Env-Wq 1406.11(d)).

Plans (Details)

The following information must be shown on all plans (Env-Wq 1406.09; Env-Wq 1406.10):

- An overview plan of the property within 250 feet of the reference line that shows the approximate location of all property lines, easements, and rights-of-way, clearly labeled.
- The scale, if any, used on the plan, or if the plan is not to scale, the complete dimensions of all features.
- A north-pointing arrow, indicating orientation.

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- A legend that clearly indicates all symbols, line types, and shadings.
- The reference line, the primary building line (i.e., the 50-foot primary structure setback line), the limits of the woodland buffer, and the protected shoreland.
- All other applicable local and state setbacks.
- The dimensions and locations of all existing structures, impervious areas, disturbed areas, and all other relevant features necessary to clearly define existing conditions.
- The dimensions and locations of all proposed structures, impervious areas, and all other relevant features necessary to clearly define the proposed project.
- A delineation of all existing and proposed cleared areas, such as, lawns, fields, paths, gardens, and beaches.
- The dimensions, locations, and descriptions of all proposed temporary impacts associated with completion of the project.
- The locations of all areas between 50 feet and 150 feet of the reference line that will remain as **natural woodland (as determined on *Line (I)* of the shoreland application worksheet)**.
- Proposed methods of erosion and siltation controls indicated graphically and labeled, or otherwise annotated as needed for clarity, as specified by Env-Wq 1404.
- If the topography is to be permanently altered, the existing and proposed topography, including a reference elevation.
- A plan of any planting(s) proposed in the waterfront buffer, showing the proposed location(s) and scientific names or common names of proposed species.
- If applicable, the location of an existing or proposed 6-foot-wide foot path to the waterbody or temporary access path, as allowed by RSA 483-B:9, V(a)(2)(D)(viii) and (ix).
- The date of plan and the preparer's name.

Required Additional Information

1. Projects Within the Waterfront Buffer (RSA 483-B:9, V(a)(2)(D); Env-Wq 1405.03; Env-Wq 1406.10)

- A plan delineating each waterfront buffer grid segment that will be impacted by the project.
- The location and diameter of all trees and saplings, at least up to that which is sufficient to meet the minimum point requirement specified in RSA 483-B:9, V(a)(2)(D) within each grid segment to be impacted.
- A designation of the trees and/or saplings to be cut during the project, if any, including:
 - The diameter of all trees and saplings at 4½ feet from the ground.
 - The names of the existing species, using either scientific names or common names.
- For any project proposing new or modification to the footprint of accessory structures within the waterfront buffer, provide the shoreland frontage of the lot, which is required to determine compliance with Env-Wq 1405.03.

2. Subdivision Projects and Projects Requiring New Septic Systems (RSA 483-B:9)

- Location and description of any on-site or proposed septic system including approval number, if known, to provide evidence of compliance with RSA 483-B:9, V(c).
- For subdivisions only: shoreland frontage of the lot, to provide evidence of compliance with RSA 483-B:9, V(e) & (f).

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NHDES Shoreland Program, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095

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3. Projects Involving an Increase in Impervious Area (Env-Wq 1404.02; Env-Wq 1406.10; RSA 483-B:9 V (g))

Projects that propose a **net increase** in impervious area may be required to incorporate a stormwater management plan and enhance the waterfront buffer with additional vegetation:

- For projects that propose a net increase in impervious area and the percentage of post-construction impervious area will be greater than 20%, but less than 30% (**as determined on *Line (E)* of the shoreland application worksheet**) within the protected shoreland, as specified in RSA 483-B:9 V (g)(2), please provide:
 - Plans for a stormwater management system that will infiltrate increased stormwater from development in accordance with Env-Wq 1500.
- For projects that propose a net increase in impervious area and the percentage of post-construction impervious area will be greater than 30% (**as determined on *Line (E)* of the shoreland application worksheet**) within the protected shoreland, as specified in RSA 483-B:9 V (g) (1) and (3), please provide:
 - Plans for a stormwater management system that is designed and certified by a professional engineer. Such system design shall demonstrate that the post-development volume and peak flow rate based on the 10-year, 24-hour storm event, shall not exceed the pre-development volume and peak flow rate for flow off the property within the protected shoreland.
 - Evidence that each grid segment of the waterfront buffer at least meets the minimum required tree and sapling point score and/ or a planting plan in accordance with PART Env-Wq 1413, with the locations and species of all native plantings proposed to at least bring each deficient grid segment up to the required minimum point score. An explanation of how to score grid segments and a native species planting list is available in the NHDES fact sheet: "Vegetation Management for Water Quality".

4. Pervious Technology Use (Env-Wq 1406.10)

For any project that proposes the use of pervious surface technologies such as pervious asphalt or porous concrete, or to maintain existing pervious surfaces, please provide:

- A plan with the dimensions and locations of all proposed pervious surfaces.
- A cross-section of each type of pervious surface that shows the construction method and details. And
- Specifications indicating how the pervious technologies will be installed and maintained.

5. Nonconforming Structures in accordance with RSA 483-B:11 (Env-Wq 1408.05)

- For projects that propose expansions of non-conforming primary structures, please provide a completed [More Nearly Conforming Request Form](#) or your own request explaining how the project meets the requirements of RSA 483-B:11 and Env-Wq 1408.05.

6. Waiver from the Minimum Standards (Env-Wq 1406.10; Env-Wq 1409)

- For projects that request a waiver from the minimum standards of RSA 483-B:9, please provide a completed [Request Waiver from the Minimum Standards Request Form](#) or your own request explaining how the project meets the requirements of RSA 483-B:9,V(i) and PART Env-Wq 1409.01.

7. Waiver from the Rules (Env-Wq 1413)

- For projects that request a waiver from the rules (Env-Wq 1400 et seq.), please provide a completed [Request Waiver from the Shoreland Rules Form](#) or your own request explaining how the project meets the requirements of PART Env-Wq 1413.

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

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**REQUEST WAIVER OF
SHORELAND PROTECTION RULE(S)**
Water Division/ Land Resources Management
Shoreland Program
[Check the Status of your Application](#)



RSA/ Rule: RSA 483-B/ Env-Wq 1413

Any individual may request a waiver of any rule within Env-Wq 1400 in writing on the grounds that they would be adversely affected by strict compliance with rules and that strict adherence to the rules would not be in the best interest of the public or the environment. This form may be used to request such a waiver. Please submit this request with your Shoreland Permit Application, or as soon thereafter as the need for the rule waiver is identified by the applicant or the department. Note that no rule waiver will be granted if the effect of the waiver would be to waive or modify a statutory requirement (Env-Wq 1413.04). *Shoreland App/Amendment NHDES File# 2020-02589*

SECTION 1 - PROPERTY OWNER (Env-Wq 1413.03(a)(1)a)			
If the owner is a trust or a company, then the name of the trust or company should be written as the owner's name.			
LAST NAME, FIRST NAME, M.I.: NH Department of Transportation (contact: Andrew O'Sullivan, Wetlands Program Manager)			
MAILING ADDRESS: 7 Hazen drive	TOWN/CITY: Concord	STATE: NH	ZIP CODE: 03302
PHONE: 603-271-3226	EMAIL (if available): Andrew.O'Sullivan@dot.nh.gov		
SECTION 2 - APPLICANT (DESIRED PERMIT HOLDER), IF DIFFERENT THAN OWNER (Env-Wq 1413.03(a)(1)b)			
If the applicant is a trust or a company, then the name of the trust or company should be written as the applicant's name. If the applicant is the owner, leave blank and check the following box: <input type="checkbox"/> .			
LAST NAME, FIRST NAME, M.I.: []			
MAILING ADDRESS: []	TOWN/CITY: []	STATE: []	ZIP CODE: []
PHONE: []	EMAIL (if available): []		
SECTION 3 - PROJECT LOCATION (Env-Wq 1413.03(a)(2))			
If the project location is the same as the owner's address, leave blank and check the following box: <input type="checkbox"/> .			
If the project location is the same as the applicant's address, leave blank and check the following box: <input type="checkbox"/> .			
ADDRESS: NH Route 119	TOWN/CITY: Hinsdale	STATE: NH	ZIP CODE: .0345
TAX MAP /LOT NUMBER : ROW			



SECTION 4 - RULE(S) REQUESTED TO BE WAIVED (Env-Wq 1413.03(a)(3))
<p>Env-Wq RSA 483-B, V RSA 483-B:9V (b)(2)(A)</p>
SECTION 5 - EXPLANATIONS (Env-Wq 1413.03)
<p>Explain why a rule waiver is being requested, including an explanation of the adverse operational and economic consequences of complying with the rule(s) (Env-Wq 1413.03(a)(4)).</p> <p>On a given lot, at least 25 percent of the woodland buffer area located between 50 feet and 150 feet from the reference line cannot be maintained as natural woodland. The project purpose is to create a public road and bridge for the public that is safe and accessible. Strict compliance with the minimum standard would provide no material benefit to the public for it's intended use. Storm water treatment has been incorporated into the design.</p>
<p>If applicable, explain the alternative standard or requirement that is proposed to be substituted for the requirement in the rule(s), including written documentation and/or data to support the alternative (Env-Wq 1413.03(a)(5)).</p>
<p>Explain why granting the rule waiver(s) will not result in an adverse effect to the environment or natural resources of the state, public health, or public safety (Env-Wq 1413.03(a)(6)) when compared to the result of strict adherence to the rule to be waived.</p> <p>Public utility lines and associated structures and facilities, public roads, and public water access facilities including boat ramps shall be permitted by the commissioner as necessary and consistent with the purposes of this chapter and other state law. This project was designed to have the least amount of impact on the environment while accomplishing it's intended use.</p>
<p>Explain why the applicant believes that having the rule waiver(s) granted will not result in an impact on abutting properties that is more significant than that which would result from complying with the rule (Env-Wq 1413.03(a)(6)).</p> <p>The project design is as reduced in property impacts as practicle.</p>

Explain how granting the request is consistent with the intent and purpose of the rule being waived and/ or how strict compliance with the rule will provide no benefit to the public and will cause an operational or economic hardship to the applicant (Env-Wq 1413.03(a)(6)).

The roadway, bridge and associated slopework has been designed with the least amount of impacts for meeting it's intended use and safe construction.

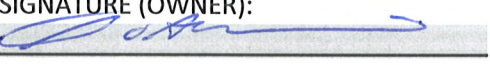
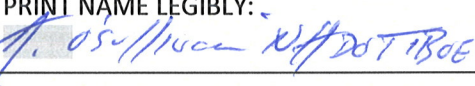




SECTION 6 - REQUIRED CERTIFICATIONS (Env-Wq 1406.08; Env-Wq 1406.10(a))

By initialing within the blank before each of the following statements, and signing below, you are certifying that:

Initials: 	The information provided is true, complete, and not misleading to the knowledge and belief of the signer.
Initials: 	The signer understands that: <ul style="list-style-type: none"> Any waiver granted based on false, incomplete, or misleading information shall be subject to revocation; and The signer is subject to the applicable penalties in RSA 641, <i>Falsification In Official Matters</i>.

SECTION 7 - REQUIRED SIGNATURES (Env-Wq 1413.03(b))

Both the property owner and the requestor (person requesting the rule waiver), if other than the property owner, shall sign the request.

SIGNATURE (OWNER): 	PRINT NAME LEGIBLY: 	DATE: 
SIGNATURE (REQUESTOR, IF DIFFERENT FROM OWNER): 	PRINT NAME LEGIBLY: 	DATE: 

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Advisory Subcommittee**

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