

ADDENDUM NO. 1
TO
BIDDING AND CONTRACT
REQUIREMENTS AND SPECIFICATIONS
FOR THE
WATER TRANSMISSION MAIN VALVE IMPROVEMENT PROJECT VALVE
IMPROVEMENTS PROJECT
WP PROJECT NO. 14202

12/22/2023



PREPARED BY:
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WATER TRANSMISSION MAIN VALVE IMPROVEMENT PROJECT

ADDENDUM NO. 1

WP PROJECT NO. 14202

As a point of clarification, it should be understood that the Contract Documents govern all aspects of the project. Discussions held during the Pre-Bid Conference or over phone or email are informal and informational only. All official changes to the Contract Documents are made only by addenda. The following changes and additional information are hereby made a part of the Contract Documents:

A mandatory pre-bid conference was held on December 18, 2023, at 10:00 am at the Madbury Water Treatment Plant. As part of the pre-bid meeting, attendees participated in a site walk at the project sites in Durham and Newington. The attendance sign-in sheet and meeting notes are attached to this addendum.

SPECIFICATIONS

1. **DELETE** Bid Schedule in its entirety and **REPLACE** with the attached Bid Schedule (pages 13 and 14 of Section A).
2. **ADD** the following to Specification Section 01150.1.9:
Item No. 17 – Uniformed Police Officers for Traffic Control
 - A. Method of Measurement: Allowance to be included and carried in the bid schedule.
 - B. Basis of Payment:
 1. The payment shall cover the cost charged to the Contractor by the Durham Police Department for providing Uniformed Police Officers for traffic control, only in areas required by the Engineer, Police Department and/or DOT. Excluded from this payment are any costs associated with traffic control, including flaggers, where the Engineer, Police Department and/or DOT do not specifically require the use of Uniformed Police Officers.
 2. Payment for this item shall be based on invoices presented by the Police Department to the Contractor for the work. No mark-up will be added by the Contractor to the invoice.

Items No. 18 – Traffic Regulation and Control (Flaggers)

- A. Method of Measurement: Flaggers for Traffic Control will be paid for on an hourly basis as approved by the Engineer daily, by classification of work being performed, as stated in the bid schedule.
- B. Basis of Payment:
 1. The payment shall be full compensation for furnishing flaggers for traffic control to the satisfaction of the Owner and Engineer. The payment shall be on an hourly basis per flagger controlling traffic through the work zone,

and payment shall be based on hours worked on location. Standby and break time will not be measured for payment.

2. Payment under this item will be made for full-time dedicated flaggers only. Part-time flaggers will not be considered adequate. Payment will only be made if the traffic control effort is satisfactory to the Owner and Engineer. The Contractor will be notified if the daily effort is not satisfactory, so improvements can be made in order that the Contractor may receive full payment under this item. The Owner reserves the right to make partial payment or no payment under this item if traffic control is not to the Owner's satisfaction.
3. **DELETE** the word "aerial" from Specification Section 01380.1.1.A.3.
4. **DELETE** "Construction record photographs shall be taken by a professional photographer acceptable to the Engineer." from Specification Section 01380.1.2.B.
5. **DELETE** "Aerial photographs shall be taken by a professional photographer acceptable to the Engineer." from Specification Section 01380.1.2.C.
6. **ADD** attached Shoreland Permit by Notification No. 2023-03235 to Appendix C.

DRAWINGS

1. Drawing C-7, **DELETE**, "TEMPORARY ACCESS TO TOWN OF DURHAM PROJECT (IF REQUIRED) NOT IN THIS CONTRACT". The Town of Durham project has been completed.

QUESTIONS AND ANSWERS

Questions Received During the Bidding Period

1. Q: Requesting items be added for flaggers and uniformed officers due to unknown requirements on Durham temporary access.
A: Items for flaggers and uniformed officers have been added to the Bid Schedule. Please see attached revised Bid Schedule and additions to Measurement & Payment included in this addendum.
2. Q: 12" x 12" x 12' long timber mats are a custom product that will be expensive and have a long lead time for the required quantity. Will 8" x 8" x 16' long timber mats be permissible?
A: Yes, 8"x8"x16' long timbers mats are permissible. Mats shall not exceed 16' width at wetland crossings.
3. Q: If 16' long timber mats are allowed, please specify if they will be measured for the full width or only for the designed 12' road width.

- A: For timber mats less than or equal to 16', the actual width of the installed mats will be used for payment. Mats exceeding 16' width will be measured for payment as maximum 16' width.*
4. Q: Please clarify what is required for temporary trail relocations.
A: Trail relocations includes furnishing and installing temporary construction barrier fencing and furnishing and installing temporary signs to direct park users to the temporary trail adjacent to the timber mat access road. Temporary construction barrier can be 4-foot plastic snow fence or temporary chain link fence. The dashed lines indicating the limits of the relocated trails on the Drawings are intended to show the anticipated temporary route pedestrians will use. There is no proposed work within the limits of the relocated trails.
5. Q: Requesting an allowance for site photography. Aerial and professional photography are above and beyond the usual construction requirements.
A: Delete all references to aerial photographs and photographs taken by a professional photographer in Section 01380. Contractor shall be responsible for collecting record photographs that are of sufficient quality that the progress of the work is satisfactorily documented.
6. Q: Will replacement topsoil require screening, or will the tilling and harrowing be sufficient?
A: Replacement topsoil on 180 Piscataqua shall be screened. Tilling and harrowing replacement topsoil on Wagon Hill and Fox Point will be acceptable provided processing the existing topsoil provides a smooth and uniform surface equal to or better than the existing field surface.
7. Q: Will an engineer's field trailer be required for this project?
A: An engineer's field trailer is not required for this project.
8. Q: Requesting the engineers estimated cost.
A: The engineer's opinion of construction cost is \$1,400,000.

END OF ADDENDUM NO. 1

Attachments Follow:

- A. Pre-Bid Conference Meeting Minutes.
- B. Pre-Bid Conference Sign-In Sheet.
- C. Bid Schedule
- D. NHDES Shoreland Permit by Notification No. 2023-03235

Date: **12/18/2023**

Project Name: **Water Transmission Main Valve Improvements, Durham/Newington, NH City of Portsmouth, NH**

Document: **Agenda**

The following are meeting minutes for the pre-bid conference held at the City of Portsmouth Water Treatment Facility in Madbury on December 18, 2023. These minutes are based on the pre-bid conference agenda distributed at the meeting and information presented at the meeting is detailed in italics.

1.1 Identifications:

Meeting lead by Wright-Pierce Project Manager, Darrin Lary, PE.

Owner: Name: City of Portsmouth
Address: City Hall, 1 Junkins Avenue, Portsmouth, NH 03801
Department of Public Works, 680 Peverly Hill Road, Portsmouth, NH 03801
Contacts: Brian Goetz
Director of Water: 603-766-1420
Resources: bfgoetz@cityofportsmouth.com

Water Supply Operations Manager: Albert Pratt, PE
603-520-0622
anpratt@cityofportsmouth.com

Engineer: Name: Wright-Pierce
Address: 230 Commerce Way, Suite 302, Portsmouth, NH 03801
Contacts: Darrin D. Lary, PE
Project Manager: 207-798-3761
Darrin.lary@wright-pierce.com

Permitting: Britt Eckstrom, PE
603-570-7126
Britt.eckstrom@wright-pierce.com

1.2 Objectives:

- A. The purpose of the Pre-Bid Conference is to answer questions from potential bidders relating to the contract documents.
- B. This Pre-Bid Conference is mandatory; prospective Bidders shall sign the attendance sheet if they want their bid to be accepted. This attendance sheet will be attached to the next issued addenda. *A non-mandatory site walk at each project location was conducted immediately after the Conference.*
- C. It is extremely important to note that bids must be based solely on information contained in the contract documents, including any addenda. Nothing stated in this meeting modifies the contract documents unless it is followed up in the context of an Addendum to the contract documents. Oral statements may not be relied upon and will not be binding or legally effective.

- 1.3 There have been no addenda issued to date for this project. An addendum is expected to follow this meeting.
- 1.4 The location of this project is one either side of an existing drinking water transmission main crossing of Little Bay between Wagon Hill Farm in Durham and Fox Point in Newington, NH within an existing pipeline easement. The work is summarized in Section 01010 of the specifications.
- 1.5 The Valve Improvement project is part of a future project expected to be funded in part by grants/loans through Congressional Directed Spending (CDS) which is in part funded by the US EPA. All work on the Valve Improvement project must be performed in accordance with Federal and State Law, and the requirements of the funding agency. Requirements related to CDS funding include: Build America Buy America, Davis-Bacon Wage Rates, American Iron and Steel and DBE/MBE/WBE goals. Refer to Division 0.
- 1.6 Bids shall be submitted in accordance with the Instructions to Bidders and shall include the following attachments:
 - A. Confirmation of all addenda (Contractor is responsible for ensuring that all addenda have been reviewed.)
 - B. Completed Bid Form
 - C. Bid Security (5% of total bid in the form of a bid bond or certified bank check)
 - D. DBE Subcontractor Performance Forms #NHDES-W-09-058 (Formerly EPA Form 6100-3) (submit one per DBE subcontractor)
 - E. DBE Subcontractor Utilization Form #NHDES-W-09-059 (Formerly EPA Form 6100-4)
 - F. Bidder's American Iron and Steel Acknowledgement (Public Law 113-76)
 - G. Bidder's Build America, Buy America (BABA) Acknowledgement (Public Law 117-58)
- 1.7 Bid Opening:
 - A. General Contractor bid opening is scheduled for Tuesday, January 9, 2024, at 2:00 pm local time.
 - B. Sealed bids will be received at City of Portsmouth Finance Department, 1 Junkins Ave, Portsmouth, NH 03801. **Bids will be publicly opened and read aloud.**
 - C. Bids will only be accepted from those General Contractors who have attended the mandatory pre-bid meeting.
- 1.8 The Bid Form includes 16 Bid Items. All Bid Items must be included in the Bid. The Basis for Award is the Total Base Bid.
- 1.9 The contract, if awarded, will be awarded to the lowest responsible bidder within 60 days of the Bid Opening. The Owner has the right to refuse any and all bids. Notice of Intent to Award will be sent to the low bidder following review of the Contractor's bids, qualifications, and banking standings. Performance and Payment Bonds, Insurance Certificates and Agreement must be submitted for approval within 10 days after the Notice of Award is issued. The Owner, within 10 days of receipt of acceptable Performance Bond, Payment Bond and Agreement signed by the party to whom the agreement was awarded, shall sign the Agreement and return to such party an executed duplicate of the Agreement. Notice to Proceed will be issued within 10 days of the execution of Agreement by Owner.
- 1.10 Contractor shall be responsible for obtaining all necessary construction permits (building, plumbing, electrical, etc.).
- 1.11 Bidders wishing to complete any additional site visits and/or subsurface exploration(s) should coordinate with the City of Portsmouth:

- A. Albert Pratt, PE., Water Supply Operations Manager, mobile: 603-520-0622, email anpratt@cityofportsmouth.com
- 1.12 Bidders should familiarize themselves with coordination requirements. Refer to Section 00800-SC-8.01 and Section 01050.
- A. City of Portsmouth
 - B. Town of Newington
 - C. Town of Durham
 - D. Unitil
 - E. Eversource
 - F. Consolidated Communications
- 1.13 Bidders should familiarize themselves with the project scope and sequencing requirements. General restrictions related to construction sequencing are discussed in Section 01010 – Summary of Work, Section 01050 – Coordination, and Section 01150 – Measurement and Payment. A construction-sequencing plan must be prepared by the Contractor for review and approval of the Owner and Engineer. The Contractor must maintain the operation of the existing pipeline at all times during construction. *Compliance with this criteria is very important.*
- 1.14 Engineer is providing at least one full-time Resident Project Representative during construction.
- 1.15 Owner is paying for material testing. Refer to Section 01400. A materials testing firm has not yet been selected.
- 1.16 Contractor is responsible for layout of all work within the delineated easement areas. *The Engineer will coordinate with a licensed surveyor to make out the corners on the easement. It is critical that all work be conducted within the easement limits.*
- 1.17 The location and limits of all staging areas, on-site work, and storage areas shall be reviewed/coordinated with, and acceptable to, the Owner and Engineer.
- 1.18 Contract Time: Completion time for the project will be calculated as calendar days from the date specified in the “Notice to Proceed” as follows:
- A. 90 calendar days for substantial completion.
 - B. 120 calendar days for final completion
- 1.19 Submittals – Refer to Section 01340
- A. All submittals shall be electronic pdfs submitted to the Engineer via email/FTP.
- 1.20 Permits – Permits to be obtained by the Contractor are identified in General Conditions Item 60. Permits obtained by the Owner are included as appendices or will be provided by addendum. Contractors shall familiarize themselves with all permit conditions detailed in the issued permits.
- A. Permits in Appendix C:
 - 1. NHDES Standard Dredge and Fill Wetlands Permit No. 2020-02959
 - 2. NHDES Shoreland Permit – **PENDING** to be included in Addendum 1
 - 3. NHDOT Driveway Permit 06-133-259
 - B. Any revisions to the Contract Documents required due to revised permit condition requirements will

be included by addendum or negotiated with the selected Contractor after bid award.

- 1.21 Project access agreements for Durham and Newington
 - A. The City of Portsmouth is in final negotiations with the Town of Durham for project access at Wagon Hill Farm in Durham. Any revisions to the Contract Documents required due to revised access requirements will be included by addendum or negotiated with the selected Contractor after bid award.
 - B. For 180 Piscataqua, all work will be performed within the acquired permanent and temporary pipeline easement. Easement corners will be located by the Engineer. At no time will any work be allowed outside the easement limits.
 - C. All work in the Town of Newington will be completed within the existing pipeline easement. Easement corners will be located by the Engineer. At no time will any work be allowed outside the easement limits.
- 1.22 Davis-Bacon wages
 - A. Heavy wages are applicable (Rates issued 09/22/2023 are provided in Special Conditions)
 - B. Work to be completed in Rockingham and Strafford County. Different wage rates for each county.
- 1.23 Questions – Cutoff date for questions is December 28, 2023 (7 days prior to bid opening). Any required Addendum shall be issued no later than January 2, 2024 (5 working days prior to bid opening). All questions shall be directed to the City of Portsmouth purchasing department.
- 1.24 Discussion and Site Tour

Discussion after the Pre-Bid Conference Agenda completed:

- 1. *This project is a first step toward completion of the subaqueous water main replacement project which is anticipated to be re-bid this spring.*
- 2. AIS/BABA compliant Insertion valves are not available.
A waiver will be sought for required construction materials that are not available in AIS/BABA compliant form.
- 3. *Test pits are called for on the plans to determine the location of pipe joints and confirm compatibility with insertion valves.*
- 4. Is there enough room for tapping sleeve and valve installation within easement?
The current easements are anticipated to provide enough room for installation of the tapping sleeve and valve installation. A temporary construction easement on the Durham side provides additional space for construction. On the Newington side, the easement is much wider at the proposed location for the tapping sleeve. Easement limits are shown on the plans.

WATER TRANSMISSION MAIN VALVE IMPROVEMENTS – CITY OF PORTSMOUTH, PORTSMOUTH, NH
 PRE-BID CONFERENCE SIGN-IN-SHEET
 BIDS DUE DATE/ TIME: 01/09/2024, AT: 2:00 PM

Name	Organization Name	Phone Number	Email
Adam Squatrito	Albanese P&S	617-647-6817	asquatrito@albaneseds.com
Jason deWilt	SUR Construction	603.817.8580	jdeWilt@surconstruction.com
Zackary Prevost	DeFelice CORP	603 582 2817	zprevost@defelicecorp.com
Edward Dishong	N. Granese & Sons	978 815 0860 603	edishong@ngranese.com
Sean Campbell	UTS	603-759-4088	undergroundtesting@uts.com
Craig Hayward	Wright-Pierce	207-949-2264	craig.hayward@wright-pierce.com
STEVEN GRANESK	N. GRANESK & SONS	617.590.7095	N. GRANESK & SONS
Darrin Lary	Wright Pierce	207-798-3761	darrin.lary@wright-pierce.com
BRITT ECKSTROM	WRIGHT-PIERCE	603.570.7126	britt.eckstrom@wright-pierce.com
Al Pratt	CITY OF PORTSMOUTH	603-520-0622	alpratt@cityofportsmouth.com

Please print legibly.

BID SCHEDULE

BASE BID

Item No.	Qty	Unit	Brief Description of Item with Unit Bid Price in Words	Unit Bid In Figures	Amount In Figures
1	1	LS	Mobilization & Demobilization The sum of \$ _____	\$ _____	\$ _____
			Per Lump Sum		
2	1	LS	Stormwater Pollution Prevention Plan The sum of \$ _____	\$ _____	\$ _____
			Per Lump Sum		
3*	100	HR	Monitoring SWPPP and Sediment Controls The sum of \$ _____	\$ _____	\$ _____
			Per Hour		
4	1	LS	Erosion Controls The sum of \$ _____	\$ _____	\$ _____
			Per Lump Sum		
5	1	LS	Site Preparation The sum of \$ _____	\$ _____	\$ _____
			Per Lump Sum		
6*	200	CY	Furnish and Install Screened Stone The sum of \$ _____	\$ _____	\$ _____
			Per Cubic Yard		
7*	6,000	SY	Furnish and Install Timber Mats The sum of \$ _____	\$ _____	\$ _____
			Per Square Yard		
8*	4	MO	Maintain Timber Mats The sum of \$ _____	\$ _____	\$ _____
			Per Month		
9*	6,000	SY	Removal of Timber Mats The sum of \$ _____	\$ _____	\$ _____
			Per Square Yard		
10*	120	LF	Furnish and Install Temp. 12-inch HDPE Culvert The sum of \$ _____	\$ _____	\$ _____
			Per Linear Foot		
11*	8	EA	Test Pits The sum of \$ _____	\$ _____	\$ _____
			Per Each		

Item No.	Qty	Unit	Brief Description of Item with Unit Bid Price in Words	Unit Bid In Figures	Amount In Figures
12	1	EA	6-inch Water Service Tap for Wagon Hill The sum of \$ _____ _____	\$ _____	\$ _____
			Per Each		
13	4	EA	20-inch Insertion Valve The sum of \$ _____ _____	\$ _____	\$ _____
			Per Each		
14	2	EA	20-inch Tapping Sleeve and Valve The sum of \$ _____ _____	\$ _____	\$ _____
			Per Each		
15*	26,000	SY	Turf Establishment with Till, Harrow, Mulch & Tackifiers The sum of \$ _____ _____	\$ _____	\$ _____
			Per Square Yard		
16	1	LS	Site Restoration The sum of \$ _____ _____	\$ _____	\$ _____
			Per Lump Sum		
17	1	AL	Uniformed Police Officers for Traffic Control The sum of \$ _____ _____	\$10,000.00	\$10,000.00
			Allowance		
18	300	HR	Traffic Regulation and Control (Flaggers) The sum of \$ _____ _____	\$ _____	\$ _____
			Per Hour		

* Indeterminate quantities assumed for comparison of bids. Quantities are not guaranteed. Payment will be based on actual quantities installed/constructed.

Total Base Bid (Sum of Items 1 through 18) \$ _____

Sum of _____

Total Base Bid (Sum of Items 1 through 18) in Words Above

Determination of the low Bidder shall be based on the lowest Total Base Bid cost. See Specification Sections 01150 Measurement and Payment for a complete description of the Bid Items 1 through 18.

The BIDDER hereby certifies, by checking the boxes below, that the following documents are included with this bid proposal:	
<input type="checkbox"/>	DBE Subcontractor Utilization Form NHDES Form #NHDES-W-09-059 (Formerly EPA Form 6100-4).
<input type="checkbox"/>	DBE Subcontractor Performance Forms NHDES-09-NHDES-W-09-058 (Formerly EPA Form 6100-3) Submit one form for each DBE subcontractor.
<input type="checkbox"/>	Bidder's American Iron and Steel acknowledgement.
<input type="checkbox"/>	Bidder's Build America, Buy America acknowledgement.

All of these forms are in the SRF Federal Provisions: Section D of the front-end documents.



**SHORELAND PERMIT BY NOTIFICATION (PBN)
NOTIFICATION FORM**
Water Division/Land Resources Management
Shoreland Program
Check the Status of your PBN



RSA/Rule: RSA 483-B/Env-Wq 1400

	Administrative Use Only	<input checked="" type="checkbox"/> PBN Accepted, Expires: 12/18/2028	Reviewer's Initials: MF
		<input type="checkbox"/> PBN Rejected	Admin's Initials:
		File No.: 2023-03235	Amount: 400-
		Check No.: 224 718	

This form requests authorization to excavate, fill, or construct new structures within the protected shoreland, which is 250 feet landward of the reference line of public waters, as regulated under RSA 483-B. Refer to the cover sheet to determine your eligibility to use this form in lieu of the standard Shoreland Permit Application. **Please note:** Notification packages missing required components will be rejected and the fee will not be returned.

SECTION 1 - PROPERTY OWNER (RSA 483-B:5-b; Env-Wq 1406.17)			
LAST NAME, FIRST NAME, M.I.: City of Portsmouth			
MAILING ADDRESS: 680 Peverly Hill Road	TOWN/ CITY: Portsmouth	STATE: NH	ZIP CODE: 03801
PHONE: 6036107304	EMAIL: bfgoetz@cityofportsmouth.com		
SECTION 2 - PROJECT LOCATION (RSA 483-B:5-b; Env-Wq 1406.17)			
ADDRESS: 180 Piscataqua Road, Durham / Fox Point, Newington	TOWN/ CITY: Durham, Newington	STATE: NH	ZIP CODE: 03824
WATERBODY NAME: Little Bay	TAX MAP/ LOT: Durham: 216-14 /Newington: 1-1		
SECTION 3 - CONTRACTOR OR AGENT (Env-Wq 1406.17)			
LAST NAME, FIRST NAME, M.I.: Eckstrom, Britt			
MAILING ADDRESS: 230 Commerce Way Suite 302	TOWN/ CITY: Portsmouth	STATE: NH	ZIP CODE: 03801
PHONE: 6035707126	EMAIL: britt.eckstrom@wright-pierce.com		
SECTION 4 - PROJECT DESCRIPTION (Env-Wq 1406.17)			
Provide a brief description of the proposed project including square footage of impacts and dimensions of new structures.			
The proposed project involves installing four new insertion valves on the City of Portsmouth's drinking water transmission main that cross Little Bay from Durham to Newington. 21,120 sq ft of temporary impacts within the protected shoreland are proposed for access road construction and excavation to install the valves. Permanent impacts are not proposed.			

TOTAL SQUARE FEET OF IMPACT: 21,120 TOTAL SQUARE FEET OF NET CHANGE IN IMPERVIOUS AREA: 0

Total impact area is determined by the sum of all areas disturbed by excavation, fill, and construction. Examples include, but are not limited to: constructing new driveways, constructing new structures, removing or replacing structure foundations, grading, and installing a new septic system or well.

SECTION 5 - PBN CRITERIA (RSA 483-B:5-b; Env-Wq 1406.05)

Check one of the following project type criteria.

- 1. This project impacts less than 1,500 square feet in total, with a net increase in impervious area, if any, of no more than 900 square feet. *PBN Impact Limit: 1,500 square feet/ Fee: \$400.*
- 2. This project is proposed for the purpose of stormwater management improvements, erosion control, or environmental restoration or enhancement. *PBN Impact Limit: None/ Fee: \$200.*
- 3. The project is for the maintenance, repair, and improvement of public utilities, public roads, and public access facilities. *PBN Impact Limit: None/ Fee: \$400.*
- 4. The project consists of geotechnical borings, test wells, drinking water wells or is a site remediation project and meets the requirements of Env-Wq 1406.05. *PBN Impact Limit: None / Fee: \$400.*

SECTION 6 - FEE (RSA 483-B:5-b; Env-Wq 1406.16)

Consult Section 5 to determine fee. Make checks and money orders payable to "Treasurer - State of NH". Undated checks **cannot** be accepted. TOTAL FEE: \$400

SECTION 7 - PHOTOS (RSA 483-B:5-b; Env-Wq 1406.16)

- Dated photographs of each area proposed to be impacted are required for all projects.

SECTION 8 - PLAN REQUIREMENTS (RSA 483-B:5-b; Env-Wq 1406.16)

Check YES or NO to all statements, and review the applicable plan requirements. If your plans do not include the information that is required, your notification will be rejected.

<input checked="" type="checkbox"/> YES	Required for all projects: A clear and detailed plan of work depicting, at a minimum, all impact areas, the <u>reference line</u> , and property lines. Plans that are not to scale must show all relevant dimensions and distances from the reference line and dimensions.	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	This project proposes an increase in <u>impervious</u> (i.e. non-permeable) area. Plans must include the dimensions and locations of all existing and proposed impervious surfaces on the lot that are within 250 feet of the reference line. Decks are typically considered impervious.	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	< 20%	This project proposes an increase in impervious area, and the total post-construction impervious area on the lot within 250 feet of the reference line will not exceed 20%.
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	20 – 30%	This project proposes an increase in impervious area such that the total impervious area of the lot within 250 feet of the reference line will be greater than 20% but less than 30%. Plans must include a <u>stormwater management system</u> that will infiltrate increased stormwater runoff from development per <u>RSA 483-B:9, V(g)(2)</u> and in accordance with <u>Env-Wq 1500</u> .
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	> 30%	This project proposes an increase in impervious area such that the total impervious area on the lot within 250 feet of the reference line will be greater than 30%. Plans must include a <u>stormwater management system</u> designed and certified by a professional engineer to account for all new development, and plans must demonstrate how the vegetation point score is met per <u>RSA 483-B:9, V(g)(1,3)</u> .
<input type="checkbox"/> YES	This project proposes impacts within 50 feet of the reference line. Plans and photos must show each area of the	

<input checked="" type="checkbox"/> NO	<u>waterfront buffer</u> that will be impacted, including groundcover, and calculate the tree and sapling point scores in accordance with the <u>Vegetation Management Fact Sheet</u> .
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	This project proposes impacts between 50 and 150 feet of the reference line. Plans must depict the 25% area of the woodland buffer to be designated and maintained as natural woodland. See the <u>Vegetation Management Fact Sheet</u> .
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	This project proposes to install or expand an <u>accessory structure</u> , such as a patio or shed, within 50 feet of the reference line. All plans <i>must</i> demonstrate that the height, size, and setback limitations for accessory structures will be met. These limitations are described within the <u>Accessory Structure Fact Sheet</u> . The <u>shoreland frontage</u> on this lot is: linear feet. <input checked="" type="checkbox"/> N/A – There is no direct frontage on this lot.
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	This project proposes a pervious (i.e. permeable) surface technology. Plans must include the location and type of the surface and a cross-section depicting the construction method, materials, and specifications as to how this surface will be maintained as a pervious technology. The notification must also include a maintenance plan describing how the surfaces will be maintained pervious.

SECTION 9 - CONDITIONS (Env-Wq 1406.20; RSA 483-B:9, V, (d))

Initial each of the required conditions below.

- BFG 1. Erosion and siltation control measures shall: be installed prior to the start of work; be maintained throughout the project; and remain in place until all disturbed surfaces are stabilized.
- BFG 2. Erosion and siltation controls shall be appropriate to the size and nature of the project and to the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to wetlands or surface waters.
- BFG 3. No person undertaking any activity in the protected shoreland shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards established in Env-Ws 1700 or successor rules in Env-Wq 1700.
- BFG 4. Any fill used shall be clean sand, gravel, rock, or other suitable material.
- BFG 5. For any project where mechanized equipment will be used, orange construction fence shall: be installed prior to the start of work at the limits of the temporary impact area as shown on the plans approved as part of a permit or accepted as part of the permit by notification; be maintained throughout the project; and remain in place until all mechanized equipment has been removed from the site.

SECTION 10 - CERTIFICATIONS (Env-Wq 1406.18)

Initial each of the required certifications below.

- BFG 1. The property owner shall sign the notification form below.
- BFG 2. The signature(s) shall constitute certification that: the information provided is true, complete, and not misleading to the knowledge and belief of the signer; the signer understands that any permit by notification obtained based on false, incomplete, or misleading information is not valid; the project as proposed complies with the minimum standards established in RSA 483-B:9, V and will be constructed in strict accordance with the proposal; the signer accepts the responsibility for understanding and maintaining compliance with RSA 483-B and these rules; the signer understands that an accepted shoreland permit by notification shall not exempt the work proposed from other state, local, or federal approvals; the signer understands that incomplete notifications shall be rejected and the notification fee shall not be returned; and the signer is subject to the applicable penalties in RSA 641, *Falsification In Official Matters*.
- BFG 3. The signature of the property owner certifies that the property owner has authorized the agent to act on the property owner's behalf for purposes of the notification. (Not Applicable)

SECTION 11 - REQUIRED SIGNATURE (RSA 483-B:5-b; Env-Wq 1406.18)

SIGNATURE (OWNER): <i>Brian Goetz</i>	PRINT NAME LEGIBLY: Brian F. Goetz	DATE: 11/29/2023
SIGNATURE (AGENT, IF APPLICABLE): <i>Britt Eckstrom</i>	PRINT NAME LEGIBLY: Britt Eckstrom	DATE: 11/29/2023