



The State of New Hampshire
Department of Environmental Services



Robert R. Scott, Commissioner

April 26, 2019

His Excellency, Governor Christopher T. Sununu
 and The Honorable Council
 State House
 Concord, NH 03301

REQUESTED ACTION

Approve The Great East Trust's request to perform the following work on Lake Winnepesaukee in Alton. File # 2018-03551. This project will not have significant impact on or adversely affect the values of Lake Winnepesaukee.

Remove an existing 430 square foot permanent U-shaped docking structure and 400 square foot breakwater, fill 675 square feet of lakebed to construct 42 linear feet of breakwater with a 4 foot x 53 foot cantilevered dock connected to an existing 30 foot x 34 foot dug-in boathouse, and construct two 6 foot x 30 foot crib piers connected by a 6 foot x 45 foot walkway in a U configuration extending from the east side of the existing boathouse on an average of 312 feet of frontage along Lake Winnepesaukee on the north side of Clay Point in Alton.

The New Hampshire Department of Environmental Services (NHDES) imposed the following conditions as part of this approval:

1. All work shall be in accordance with revised plans by Beckwith Builders, Inc., dated February 19, 2019 and received by the NHDES on February 20, 2019.
2. This permit is not valid and effective until it has been recorded with the appropriate county Registry of Deeds by the applicant. Prior to starting work under this permit, the permittee shall submit a copy of the recorded permit to the NHDES Wetlands Program by certified mail, return receipt requested.
3. All portions of the pre-existing breakwater will be completely removed or relocated to the temporary stockpile area prior to the construction of any new structure on the frontage.
4. All development activities associated with this project shall be conducted in compliance with applicable requirements of RSA 483-B and N.H. Code of Administrative Rules Env-Wq 1400 during and after construction.
5. Work shall be carried out in a time and manner to avoid disturbances to migratory waterfowl breeding and nesting areas.
6. Appropriate turbidity controls shall be installed prior to construction, shall be maintained during construction such that no turbidity escapes the immediate dredge area, and shall remain until suspended particles have settled and water at the work site has returned to normal clarity.
7. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
8. No person undertaking any activity shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards in RSA 485-A and Env-Wq 1700.
9. Any subdivision of the property frontage will require removal of a sufficient portion of the docking structures to comply with the dock size and density requirements in effect at the time of the subdivision.

10. Only those structures shown on the approved plans shall be installed or constructed along this frontage. All portions of the structures, including the breakwater toe of slope, shall be at least 20 feet from the abutting property lines or the imaginary extension of those lines into the water.
11. No portion of breakwater as measured at normal full lake (Elev. 504.32) shall extend more than 50 feet from normal full lake shoreline.
12. The breakwater shall not exceed 3 feet in height (Elev. 507.32) over the normal high water line (Elev. 504.32).
13. The width as measured at the top of the breakwater (Elev. 504.32) shall not exceed 3 feet.
14. Rocks may not remain stockpiled on the frontage for a period longer than 60 days. Rocks shall not be stockpiled with 20 feet of any property line or the extension of any property line over the water.
15. Photos showing that all construction materials have been removed from the temporary stockpile area shall be submitted to the NHDES Wetlands Bureau upon completion of the docking facility.
16. The breakwater shall have an irregular face to dissipate wave energy.
17. This facility is permitted with the condition that future maintenance dredging, if needed, shall not be permitted more frequently than once every 6 years, and that a new permit shall be required for each dredge activity.
18. The owner understands and accepts the risk that if this facility requires dredging to maintain a minimum slip depth of 3 feet more frequently than once every 6 years, or is shown to have an adverse impact on abutting frontages, it shall be subject to removal.

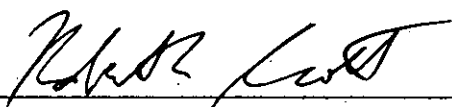
EXPLANATION

The NHDES approved this project on March 20, 2019. The NHDES supported its decision with the following findings:

1. This is a major impact project per Administrative Rule Env-Wt 303.02(d), construction a docking system adjacent or attached to a breakwater.
2. The construction of a breakwater to provide safe docking at this site is justified in accordance with Rule Env-Wt 402.07, Breakwaters.
3. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01.
4. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the NHDES' jurisdiction per Env-Wt 302.03.
5. The applicant has demonstrated by plan and example that each factor listed in Env-Wt 302.04(a) Requirements for Application Evaluation, has been considered in the design of the project.
6. The NHDES finds that because the project is not of significant public interest, and will not significantly impair the resources of Lake Winnepesaukee a public hearing under RSA 482-A:8 is not required.
7. The applicant has an average of 312 feet of shoreline frontage along Lake Winnepesaukee.
8. A maximum of 5 slips may be permitted on this frontage per Rule Env-Wt 402.13, Frontage Over 75'.
9. The proposed docking facility will provide 5 slips as defined per RSA 482-A:2, VIII and therefore meets Rule Env-Wt 402.13.

Application file documents are being forwarded to the Governor and the Executive Council in connection with their consideration of this matter pursuant to RSA 482-A:3,II.(a) as it is a major project in public waters of the state.

Respectfully submitted,



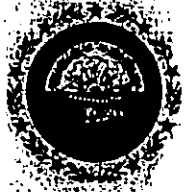
Robert R. Scott
Commissioner



WETLANDS PERMIT APPLICATION

Water Division/ Wetlands Bureau
Land Resources Management

Check the status of your application: www.des.nh.gov/onestop



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

<input type="checkbox"/> Category 1 Minimal Impact Only	<input type="checkbox"/> Category 2 Minimal Impact Only	<input type="checkbox"/> Category 3 Minimal Impact Only	FILING: <input type="checkbox"/> PENDING <input type="checkbox"/> CHECKING <input type="checkbox"/> APPROVED <input type="checkbox"/> DENIED
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1. REVIEW TIME: Indicate your Review Time below. To determine review time, refer to Guidance Document A for instructions.

Standard Review (Minimum, Minor or Major Impact)
 Expedited Review (Minimum Impact only)

2. MITIGATION REQUIREMENT:
If mitigation is required a Mitigation Pre-Application meeting must occur prior to submitting this Wetlands Permit Application. To determine if Mitigation is Required, please refer to the Determine if Mitigation is Required Frequently Asked Question.

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

N/A - Mitigation is not required

3. PROJECT LOCATION:
Separate wetland permit applications must be submitted for each municipality that wetland impacts occur within.

ADDRESS: **112 Hopewell Road** TOWN/CITY: **Alton**

TAX MAP: **21** BLOCK: _____ LOT: **5-2** UNIT: _____

USGS TOPO MAP WATERBODY NAME: **Lake Winnepesaukee** NA STREAM WATERSHED SIZE: NA

LOCATION COORDINATES (if known): **E:1101820.537 N:382354.181** Latitude/Longitude UTM State Plane

4. PROJECT DESCRIPTION:
Provide a brief description of the project outlining the scope of work. Attach additional sheets as needed to provide a detailed explanation of your project. DO NOT reply "See Attached" in the space provided below.

Construct a breakwater and docking system on a single-family residential lot with an average of 312 ft of shoreline frontage. Dock area proposed is 940SF, breakwater is 675 SF. Because of the required shoreline gap of 6 ft., and the shape of the shoreline at this location, the dock is proposed to extend further out into the water (53') than the 30 feet allowed for permanent docks. Remove existing breakwater and dock.

5. SHORELINE FRONTAGE:

NA This does not have shoreline frontage. **SHORELINE FRONTAGE: 312 FT**

Shoreline frontage is calculated by determining the average of the distances of the actual natural navigable shoreline frontage and a straight line drawn between the property lines, both of which are measured at the normal high water line.

6. RELATED NHDES LAND RESOURCES MANAGEMENT PERMIT APPLICATIONS ASSOCIATED WITH THIS PROJECT:
Please indicate if any of the following permit applications are required and, if required, the status of the application. To determine if other Land Resources Management Permits are required, refer to the Land Resources Management Web Page.

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	_____	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Individual Sewerage Disposal per RSA 485-A:2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	_____	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Subdivision Approval Per RSA 485-A	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	_____	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Shoreland Permit Per RSA 483-B	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	_____	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED

7. NATURAL HERITAGE BUREAU & DESIGNATED RIVERS:
See the Instructions & Required Attachments document for instructions to complete a & b below.

a. Natural Heritage Bureau File ID: **NHB 18 - 3579**

b. Designated River the project is in ¼ miles of: _____; and date a copy of the application was sent to the Local River Management Advisory Committee: Month: ___ Day: ___ Year: ___

N/A



WETLANDS PERMIT APPLICATION

Water Division / Wetlands Bureau
Land Resources Management

Check the status of your application: www.des.nh.gov/oneslop



SAVR10, RSA 483-B, ENR 100-900

COMPLETE

2018-05-31
11:37
34009

1. REVIEW TIME: Indicate your Review Time below. To determine review time, refer to Guidance Document A for instructions.

Standard Review (Minimum, Minor or Major Impact) Expedited Review (Minimum Impact only)

2. MITIGATION REQUIREMENTS:
If mitigation is required a Mitigation Pre-Application meeting must occur prior to submitting this Wetlands Permit Application. To determine if Mitigation is Required, please refer to the Determine if Mitigation is Required Frequently Asked Question.

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

N/A - Mitigation is not required

3. PROJECT LOCATION:
Separate wetland permit applications must be submitted for each municipality that wetland impacts occur within.

ADDRESS: **112 Hopewell Road** TOWN/CITY: **Alton**

TAX MAP: **21** BLOCK: LOT: **5-2** UNIT:

USGS TOPO MAP WATERBODY NAME: **Lake Winnepesaukee** NA STREAM WATERSHED SIZE: NA

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4. PROJECT DESCRIPTION:
Provide a brief description of the project outlining the scope of work. Attach additional sheets as needed to provide a detailed description of your project. DO NOT reply "See Attached" in the space provided below.

Construct a breakwater and cantilevered dock on a single-family residential lot with an average of 312 ft of shoreline frontage. Dock area proposed is 220 SF, breakwater is 700 SF. Because of the required shoreline gap of 6 ft, and the shape of the shoreline at this location, the dock is proposed to extend further out into the water (53') than the 30 feet allowed for permanent docks.

5. SHORELINE FRONTAGE:

NA This does not have shoreline frontage. SHORELINE FRONTAGE: **312 FT**

Shoreline frontage is calculated by determining the average of the distances of the actual natural navigable shoreline frontage and a straight line drawn between the property lines, both of which are measured at the normal high water line.

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Individual Sewerage Disposal per RSA 485-A:2	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	_____	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Subdivision Approval Per RSA 485-A	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	_____	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Shoreland Permit Per RSA 483-B	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	_____	<input type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED

7. NATURAL HERITAGE BUREAU & DESIGNATED RIVERS:
See the Instructions & Required Attachments document for instructions to complete a 7b below.

a. Natural Heritage Bureau File ID: **NHB 18 - 3578**

b. Designated River the project is in ¼ miles of: _____; and date a copy of the application was sent to the Local River Management Advisory Committee: Month: ___ Day: ___ Year: ___

N/A

8. APPLICANT INFORMATION (Desired permit holder)

LAST NAME, FIRST NAME, M.I.: **Hayes, Tanya, L**

TRUST / COMPANY NAME:

MAILING ADDRESS:

TOWN/CITY:

STATE:

ZIP CODE:

EMAIL or FAX:

PHONE:

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

9. PROPERTY OWNER INFORMATION (if different than applicant)

LAST NAME, FIRST NAME, M.I.:

TRUST / COMPANY NAME: **The Great East Trust
Tanya L. Hayes, Trustee**

MAILING ADDRESS: **same as above**

TOWN/CITY:

STATE:

ZIP CODE:

EMAIL or FAX:

PHONE:

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

10. AUTHORIZED AGENT INFORMATION

LAST NAME, FIRST NAME, M.I.: **Beckwith, Jason**

COMPANY NAME: **Beckwith Builders Inc.**

MAILING ADDRESS: **44 Libby Street**

TOWN/CITY: **Wolfeboro**

STATE: **NH**

ZIP CODE: **03894**

EMAIL or FAX: **jason@beckwithbuilders.com**

PHONE: **603-569-6829**

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

11. PROPERTY OWNER SIGNATURE

See the Instructions & Required Attachments document for clarification of the below statements

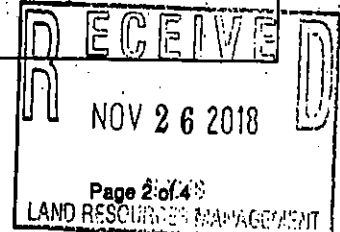
By signing the application, I am certifying that:

1. I authorize the applicant and/or agent indicated on this form to act in my behalf in the processing of this application, and to furnish upon request, supplemental information in support of this permit application.
2. I have reviewed and submitted information & attachments outlined in the instructions and Required Attachment document.
3. All abutters have been identified in accordance with RSA 482-A:3, I and Env-Wt 100-900.
4. I have read and provided the required information outlined in Env-Wt 302.04 for the applicable project type.
5. I have read and understand Env-Wt 302.03 and have chosen the least impacting alternative.
6. Any structure that I am proposing to repair/replace was either previously permitted by the Wetlands Bureau or would be considered grandfathered per Env-Wt 101.47.
7. I have submitted a Request for Project Review (RPR) Form (www.nh.gov/nhdhr/review) to the NH State Historic Preservation Officer (SHPO) at the NH Division of Historical Resources to identify the presence of historical/ archeological resources while coordinating with the lead federal agency for NHPA 106 compliance.
8. I authorize NHDES and the municipal conservation commission to inspect the site of the proposed project.
9. I have reviewed the information being submitted and that to the best of my knowledge the information is true and accurate.
10. I understand that the willful submission of falsified or misrepresented information to the New Hampshire Department of Environmental Services is a criminal act, which may result in legal action.
11. I am aware that the work I am proposing may require additional state, local or federal permits which I am responsible for obtaining.
12. The mailing addresses I have provided are up to date and appropriate for receipt of NHDES correspondence. NHDES will not forward returned mail.

Jason Beckwith
Property Owner Signature

Agent: *Jason Beckwith*
Print name legibly

11/21/2018
Date



MUNICIPAL SIGNATURES

12. CONSERVATION COMMISSION SIGNATURE

The signature below certifies that the municipal conservation commission has reviewed this application, and:

1. Waives its right to intervene per RSA 482-A:11
2. Believes that the application and submitted plans accurately represent the proposed project, and
3. Has no objection to permitting the proposed work.

<input type="checkbox"/>	Print name legibly	Date
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DIRECTIONS FOR CONSERVATION COMMISSION

1. Expedited review **ONLY** requires that the conservation commission's signature is obtained in the space above.
2. Expedited review requires the Conservation Commission signature be obtained **prior** to the submittal of the original application to the Town/City Clerk for signature.
3. The Conservation Commission may refuse to sign. If the Conservation Commission does not sign this statement for any reason, the application is not eligible for expedited review and the application will be reviewed in the standard review time frame.

13. TOWN/ CITY CLERK SIGNATURE

As required by Chapter 482-A:3 (amended 2014), 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.

<input type="checkbox"/>	Print name legibly	Town/City	Date
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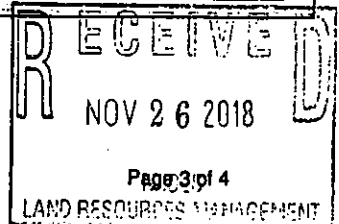
DIRECTIONS FOR TOWN/CITY CLERK

Per RSA 482-A:3(f)

1. For applications where "Expedited Review" is checked on page 1, if the Conservation Commission signature is not present, NHDES will accept the permit application, but it will NOT receive the expedited review time.
2. **IMMEDIATELY** sign the original application form and four copies in the signature space provided above.
3. 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.
4. **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; and
5. Retain one copy of the application form and one complete set of attachments and make them reasonably accessible for public review.

DIRECTIONS FOR APPLICANT:

1. Submit the single, 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.



14. IMPACT AREA		
For each jurisdictional area that will be/has been impacted, provide square feet and, if applicable, linear feet of impact.		
Permanent impacts (that will remain after the project is complete)		
Temporary impacts not intended to remain (and will be restored to pre-construction conditions) after the project is complete		
JURISDICTIONAL AREA	PERMANENT Sq. Ft. / Lin. Ft.	TEMPORARY Sq. Ft. / Lin. Ft.
Forested wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Scrub-shrub wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Emergent wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Wet meadow	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Intermittent stream	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Perennial Stream / River	/	/
Lake / Pond	/	/
Bank - Intermittent stream	/	/
Bank - Perennial stream / River	/	/
Bank - Lake / Pond	1780 /	1130 /
Tidal water	/	/
Salt marsh	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Sand dune	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Prime wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Prime wetland buffer	<input type="checkbox"/> ATF	<input checked="" type="checkbox"/> ATF
Undeveloped Tidal Buffer Zone (TBZ)	<input type="checkbox"/> ATF	<input checked="" type="checkbox"/> ATF
Previously-developed upland in TBZ	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Docking - Lake / Pond	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Docking - River	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Docking - Tidal Water	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Vernal Pool	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
TOTAL	920 /	300 /

15. APPLICATION FEE: See the Instructions & Required Attachments document for further instructions.

Minimum Impact Fee: Flat fee of \$ 200

Minor or Major Impact Fee: Calculate using the below table below

Permanent and Temporary (non-docking) _____ sq. ft. X \$0.20 = \$ _____

Temporary (seasonal) docking structure: 1130 sq. ft. X \$1.00 = \$ 1130 _____

Permanent docking structure: 1780 sq. ft. X \$2.00 = \$ 3560 _____

Projects proposing shoreline structures (including docks) add \$200 = \$ 200 _____

Total = \$ 4890 _____

The Application Fee is the above calculated Total or \$200, whichever is greater = \$ 4890 _____

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

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

www.des.nh.gov

14. IMPACT AREA		
For each jurisdictional area that will be or has been impacted, provide square (sq.) and, if applicable, linear (lin.) feet of impact.		
Permanent Impacts that will remain after the project is complete		
Temporary Impacts not intended to remain (and will be restored to pre-construction conditions) after the project is complete		
JURISDICTIONAL AREA	PERMANENT Sq. Ft. / Lin. Ft.	TEMPORARY Sq. Ft. / Lin. Ft.
Forested wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Scrub-shrub wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Emergent wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Wet meadow	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Intermittent stream	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Perennial Stream / River	/	/
Lake / Pond	/	/
Bank - Intermittent stream	/	/
Bank - Perennial stream / River	/	/
Bank - Lake / Pond	920 /	300 /
Tidal water	/	/
Salt marsh	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Sand dune	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Prime wetland	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Prime wetland buffer	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Undeveloped Tidal Buffer Zone (TBZ)	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Previously-developed upland in TBZ	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
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Docking - Tidal Water	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
Vernal Pool	<input type="checkbox"/> ATF	<input type="checkbox"/> ATF
TOTAL	920 /	300 /

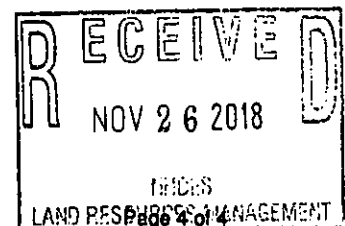
15. APPLICATION FEE: See the Instructions & Required Attachments document for further instruction.

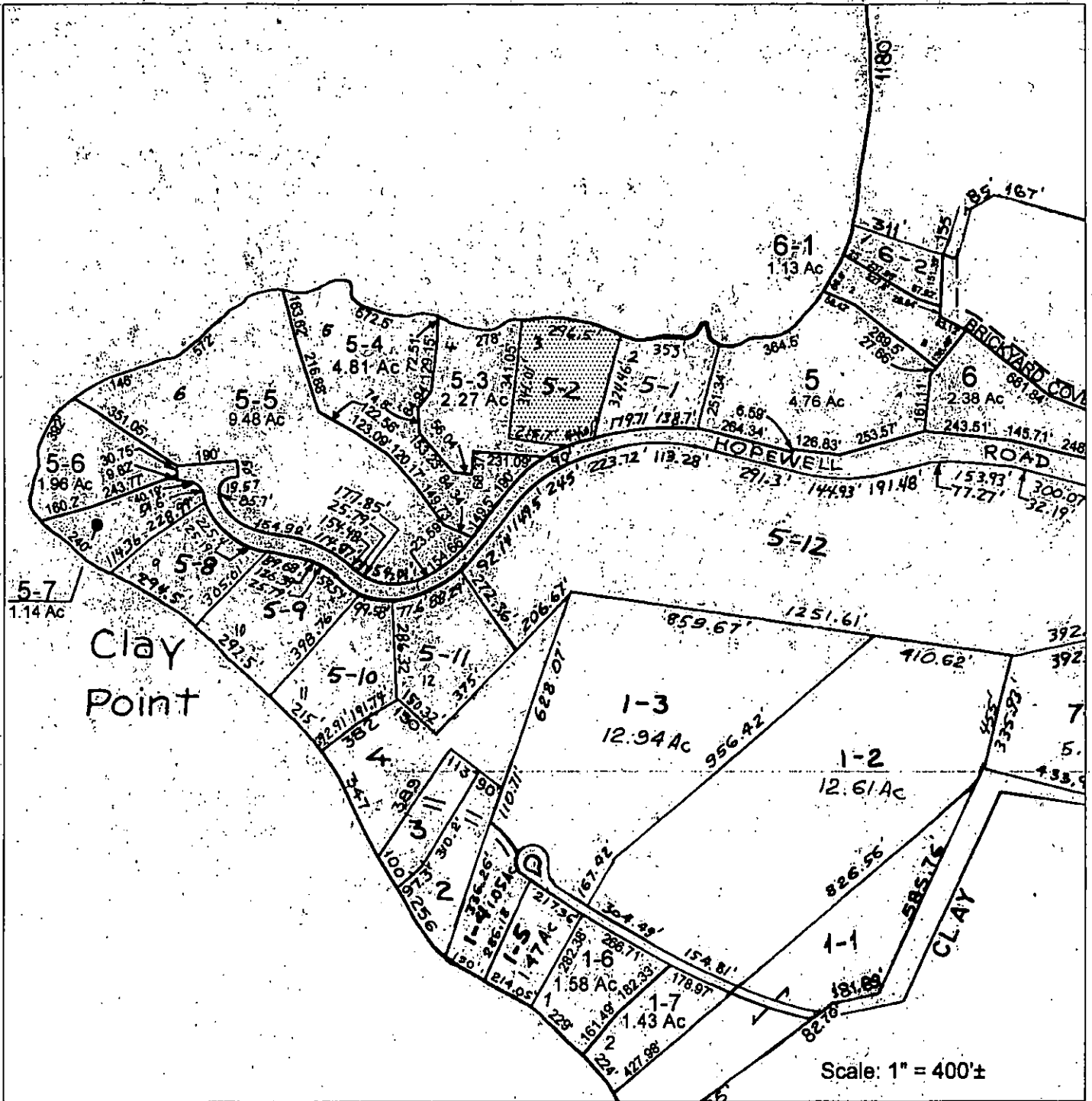
Minimum Impact Fee: Flat fee of \$ 200

Minor or Major Impact Fee: Calculate using the below table below

Permanent and Temporary (non-docking)	_____ sq. ft.	X \$0.20 =	\$ _____
Temporary (seasonal) docking structure:	300 sq. ft.	X \$1.00 =	\$ 300
Permanent docking structure:	920 sq. ft.	X \$2.00 =	\$ 1840
Projects proposing shoreline structures (including docks) add \$200 =			\$ 200
Total =			\$ 2340

The Application Fee is the above calculated Total or \$200, whichever is greater = **\$ 2340.00**





TAX MAP #21 Lot 5-2
 Hayes Property
 112 Hopewell Point Road
 Alton, NH

RECEIVED
 NOV 26 2018
 CLERK
 LAND RESOURCES MANAGEMENT



SITE

Scale: 1" = 2000'±

USGS MAP
 Hayes Property
 112 Hopewell Point Road
 Alton, NH

RECEIVED
 NOV 26 2018
 NHDES
 LAND RESOURCES MANAGEMENT



New Hampshire Natural Heritage Bureau

To: Jason Beckwith
44 Libby Street
Wolfeboro, NH 03894

Date: 11/19/2018

From: NH Natural Heritage Bureau

Re: Review by NH Natural Heritage Bureau of request dated 11/19/2018

NHB File ID: NHB18-3579

Applicant: Jason Beckwith

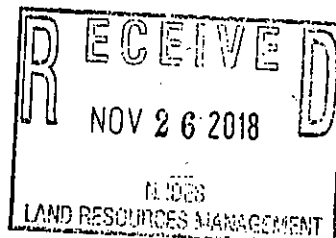
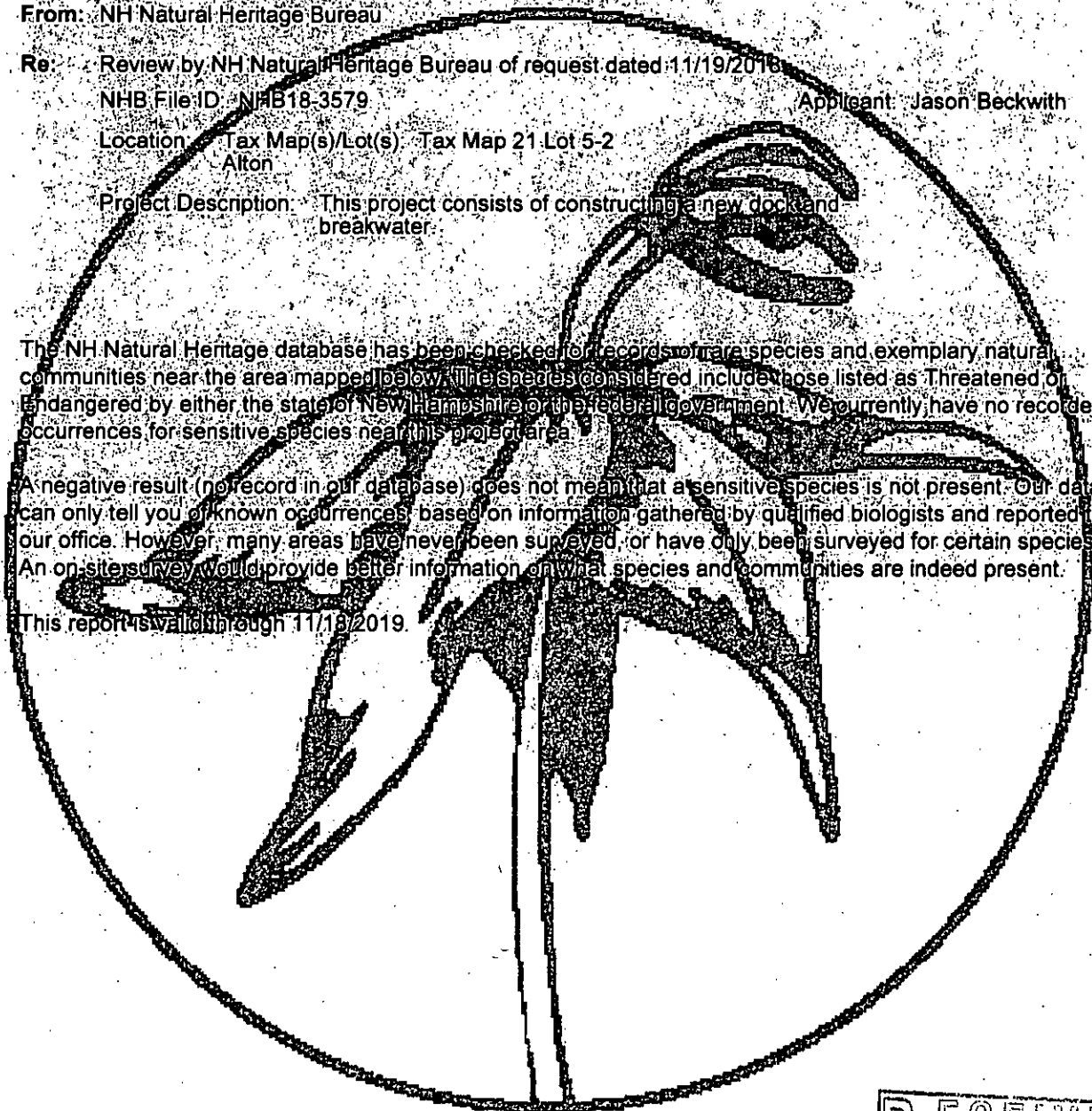
Location: Tax Map(s)/Lot(s): Tax Map 21 Lot 5-2
Alton

Project Description: This project consists of constructing a new dock and breakwater.

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.

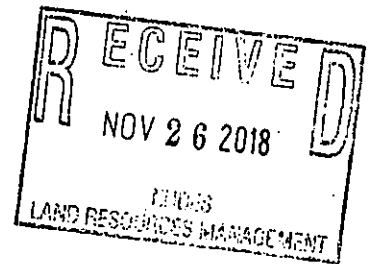
This report is valid through 11/19/2019.





New Hampshire Natural Heritage Bureau

MAP OF PROJECT BOUNDARIES FOR NHB FILE ID: NHB18-3579



Department of Resources and Economic Development
Division of Forests and Lands
(603) 271-2214 fax: 271-6488

DRED/NHB
172 Pembroke Road
Concord NH 03301



ABUTTERS LIST

Subject Parcel:

TM# 21 / 5-2 **The Great East Trust**
Tanya L. Hayes, Trustee
112 Hopewell Road
Alton, NH 03809

Mailing Address:

Abutters:

TM# 21 / 5-1 **J P LATCHAW JR MARITAL QTIP TR 1 1/4 INT**
LAURIE A LATCHAW 1995 REV TRUST 1/2 INT
J P LATCHAW JR 1995 REV TR 1/4

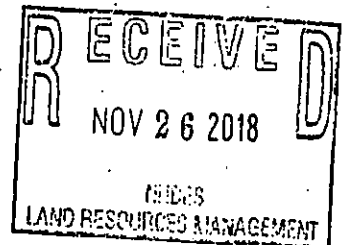
Mailing Address:

J P LATCHAW JR 1995 REV TR 1/4

TM# 213/1 **Bahre, Gary G.**

Hayes

Mailing Address:



BECKWITH BUILDERS, INC.
 Unique Builders in a Unique Environment



NOTES:

- This project consists of constructing a new breakwater & docking system and removing the existing breakwater and docking system.
- Property lines and boundary information as shown on this plan were determined by a field survey performed by James Association, Meredith, NH, in November 2015.
- The reference line equals lake full elevation of 504.32 (NHVD).
- Owner of Record Tax Map 21 Lot 5-2:
Tanya L. Hayes
4770 Maple Grove Drive
Fayetteville, AR 72784

Site Address: 112 Hopewell Road, Alton, NH
BCRD Book 3173 Page 0294

PERMANENT IMPACT AREAS:

Proposed cantilevered dock area = 250 SF
 Proposed breakwater area = 675 SF
 Proposed U-shaped crib dock area = 480 SF
 Proposed steps to access docks = 145 SF

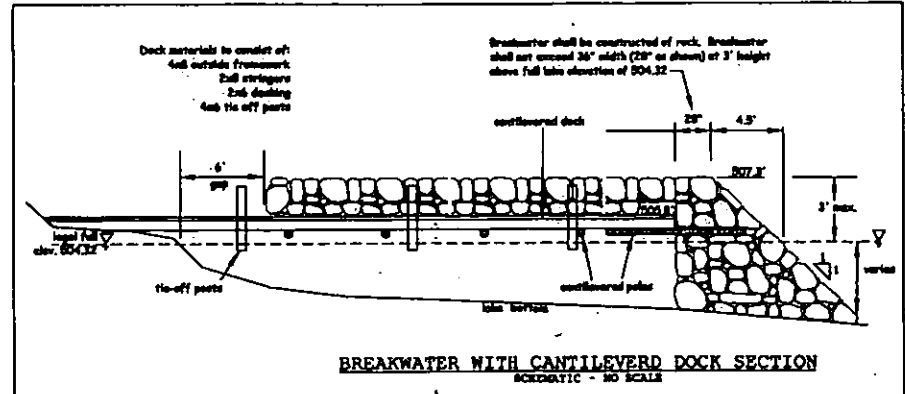
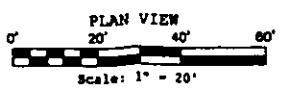
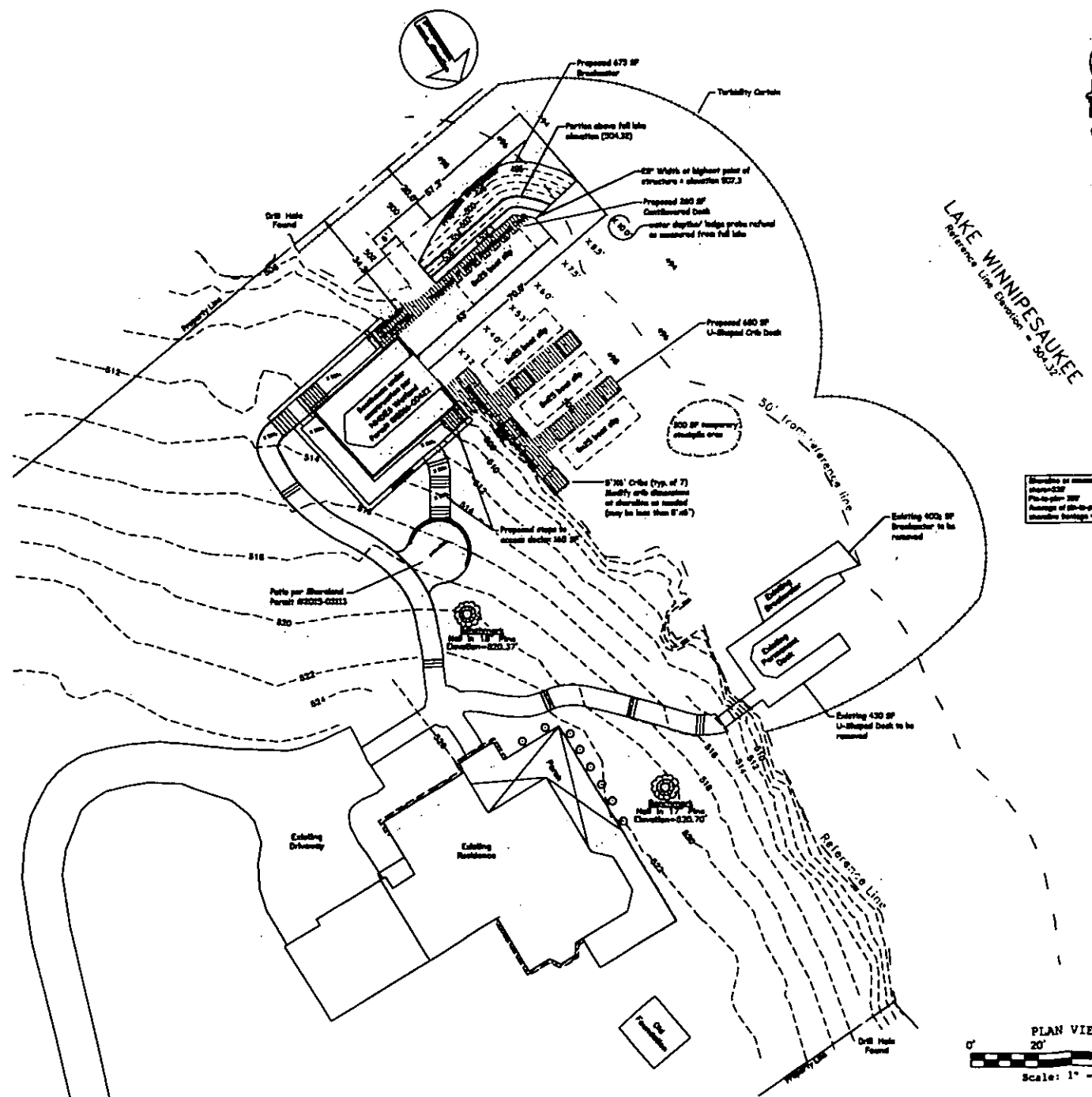
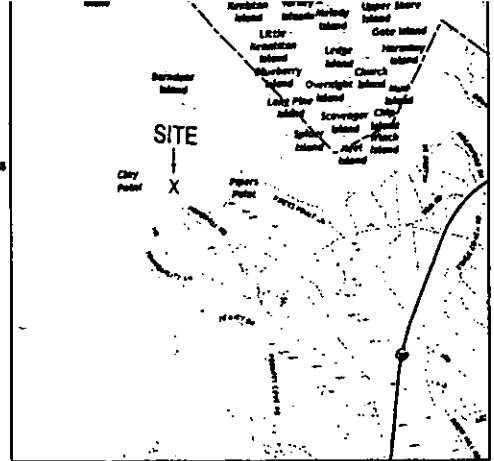
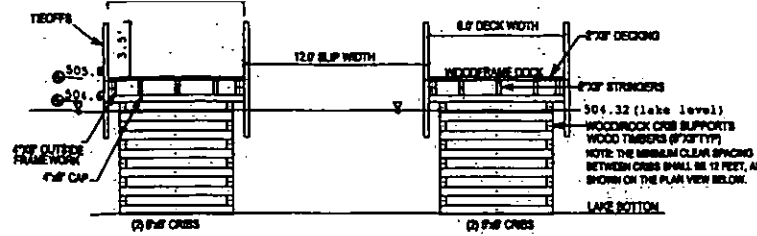
Total permanent impacts = 1790 SF

TEMPORARY IMPACT AREAS:

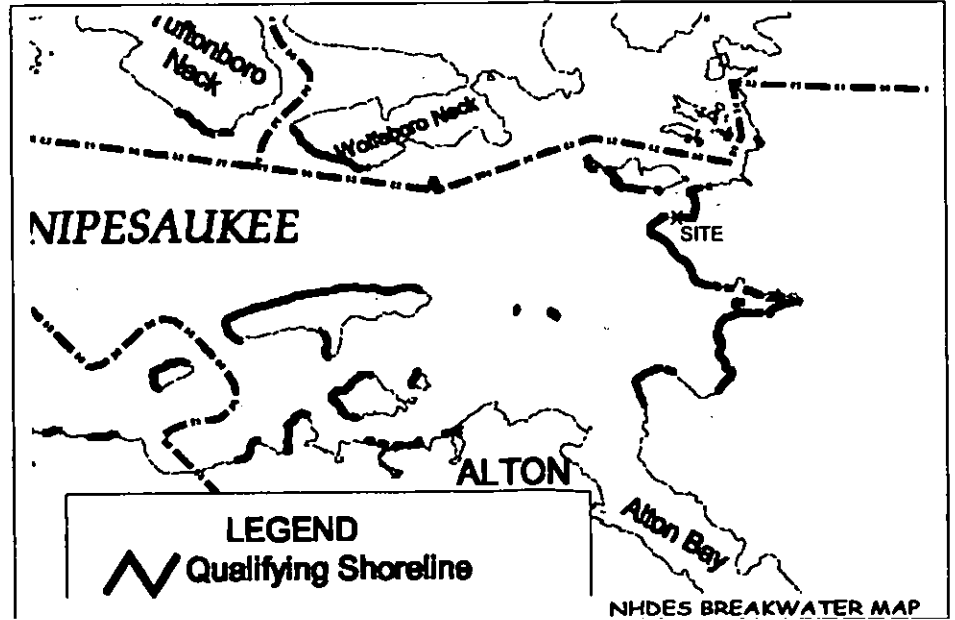
Temporary stockpile area = 300 SF
 Remove existing dock & breakwater = 830 SF
 Total temporary impacts = 1130 SF

LEGEND:

- proposed turbidity curtain
 - existing topographic contour
 - proposed topographic contour
 - BCRD
- Belknap County Registry of Deeds



- CONSTRUCTION SEQUENCE:**
- Install erosion controls (turbidity curtain and other methods as necessary; the Contractor is fully responsible for controlling erosion.)
 - Construct new breakwater & dock to lines and grades shown. Materials may be temporarily stockpiled in location shown.
 - Remove erosion controls once area is fully stabilized.



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DATE	REVISION

**PLAN FOR
 XENOS WELAKIM FRONT
 FOR
 PROPOSED BREAKWATER**

HAYES RESIDENCE
 112 Hopewell Road
 Alton, NH

TOWN TAX
 MAP NUMBER: 21 / 5-2

SCALE: AS NOTED

Revised 03-15-19 added
 U-shaped dock of breakwater,
 note to remove existing
 breakwater & docking system

November 20, 2018
 SUBDIVISION STATUS:
 LOT OF RECORD
 PRE 87

OWNER:
 The Great East Trust
 Tanya L. Hayes, Trustee
 4770 Maple Grove Drive
 Fayetteville, AR 72784

1
OF 1

SHEET NUMBER