The State of New Hampshire
Department of Environmental Services

Robert R. Scott, Commissioner

91

October 7, 2024

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

REQUESTED ACTION

Approve Rebecca J. Burbank 2014 Trust's request to perform the following work on Lake Winnipesaukee in Alton pursuant to NH Department of Environmental Services (NHDES) Wetlands Bureau permit #2024-01150, and in accordance with RSA 482-A:3. No comments were submitted by the Alton Conservation Commission regarding the project as proposed.

Reconfigure and extend the easternmost breakwater to 43 feet in length in a dog-leg configuration resulting in an overall footprint reduction of 85 square feet, replace the 4 foot x 35 foot 6 inch cantilevered pier with a 4 foot x 30 foot cantilevered pier connected to a 6 foot x 8 foot landing, repair the 27 foot long west breakwater and 7 fender piles with bumper boards, and install two seasonal personal watercraft lifts and a piling supported boatlift on an average of 203 feet of frontage along Lake Winnipesaukee on Treasure Island in Alton.

NHDES imposed the following conditions as part of this approval:

1. In accordance with Env-Wt 307.16, all work shall be done in accordance with the revised plans, revision dated July 12, 2024, by Watermark Marine Construction as received by the NH Department of Environmental Services (NHDES) on July 12, 2024.
2. This permit shall not be effective until it has been recorded in the Belknap County Registry of Deeds and a copy of the recorded permit has been provided to the department as required pursuant to RSA 482-A:3, and Env-Wt 314.02.
3. In accordance with Env-Wt 512.04(d), the sides and top of the breakwater shall have irregular surfaces to diffuse wave activity.
4. In accordance with Env-Wt 512.05(c), any rocks stockpiled in jurisdictional areas shall be removed as soon as practicable; and in every case, by the conclusion of construction of the breakwater.
5. All seasonal structures, including watercraft lifts, shall be removed for the non-boating season as required per Env-Wt 513.22.
6. Only those structures shown on the approved plans shall be installed or constructed along this frontage as required per Env-Wt 513.22, (a).
7. All portions of the new and reconfigured docking structures, including the breakwater toe-of-slope, shall be located at least 20 feet from the abutting property lines and no watercraft shall be secured to the docking facility such that it crosses over the imaginary extension of the property lines over the surface water as required by RSA 482-A:3, XIII.
8. Owners of permanent docking structures which are not maintained so as to be structurally sound and usable for their intended purpose shall remove those docking structures in accordance with Env-Wt 513.22(c), to prevent hazards to public safety, navigation, and recreation.

9. The owner understands and accepts that should these docking structures be found to have an unreasonable impact on the ability of abutting owners to use and enjoy their properties or the public's right to navigation, passage, and use of the resource for commerce and recreation the structures shall be subject to removal pursuant to RSA 482-A:1, RSA 482-A:11, II, and Env-Wt 513.03(a).
10. All development activities associated with any project shall be conducted in compliance with applicable requirements of RSA 483-B and Env-Wq 1400 during and after construction as required pursuant to RSA 483-B:3.
11. Work authorized shall be carried out in accordance with Env-Wt 307 such that appropriate turbidity controls are in place to protect water quality, that no turbidity escapes the immediate dredge area, and that appropriate turbidity controls shall remain until suspended particles have settled and water at the work site has returned to normal clarity.
12. All construction-related debris shall be placed outside of those areas subject to RSA 482-A or RSA-483-B unless a permit for the deposition of materials within those areas has been obtained as required per RSA 482-A:3 or RSA 483-B:5-b respectively.
13. Pursuant to RSA 482-A:14, RSA 482-A:14-b, and RSA 482-A:14-c, NHDES is authorized to take appropriate compliance actions should it be determined that, based upon additional information which becomes available, any of the structures depicted as "existing" on the plans submitted by or on behalf of the permittee were not previously permitted or grandfathered.

EXPLANATION

NHDES approved this project on August 21, 2024. NHDES supported its decision with the following findings:

1. This is a major impact project per Administrative Rule Env-Wt 513.24(c)(3), the dock is proposed adjacent to or attached to a breakwater.
2. The applicant has an average of 203 feet of frontage along Lake Winnipesaukee.
3. A maximum of 3 slips may be permitted on this frontage per Rule Env-Wt 513.12, Frontage Requirements for Private and Non-commercial Docking Structures.
4. The proposed docking facilities will provide 3 slips as defined per RSA 482-A:2, VIII, and therefore meets Rule Env-Wt 513.12.
5. The NHDES finds that because the project is not of significant public interest and will not significantly impair the resources of Lake Winnipesaukee a public hearing under RSA 482-A:8 is not required.
6. No concerns were received from abutters nor the local Conservation Commission related to the project.
7. The NHDES finds that the project as proposed and conditioned meets the requirements of RSA 482-A and the Wetlands Program Code of Administrative Rules Chapters Env-Wt 100 - 900. No waivers of RSA 482-A or the Wetlands Program Code of Administrative Rules Chapters Env-Wt 100 - 900 were requested or approved under this permit action.

NHDES Wetlands Bureau permit #2024-01150 application documents are enclosed for review by the Governor and the Executive Council in consideration of this request and in accordance with RSA 482-A:3, II(a), as it is a major project located in New Hampshire public waters.

We respectfully request your approval of this item.

Robert R. Scott
Commissioner

NHDES-W-06-012 NHDES WETLAND's COPY

STANDARD DREDGE AND FILL WETLANDS PERMIT APPLICATION

Water Division/Land Resources Management
Wetlands Bureau

Check the Status of your Application

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

APPLICANT'S NAME: Rebecca J Burbank 2014 Trust **TOWN NAME:** Alton

RECEIVED Administrative APR 08 2024 Only NHDES LAND RESOURCES MANAGEMENT	Administrative Use Only	Administrative Use Only	File No.: 2024-01150
			Check No.: 4609
			Amount: 1185.60
			Initials:

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

SECTION 1 - REQUIRED PLANNING FOR ALL PROJECTS (Env-Wt 306.05; RSA 482-A:3, I(d)(2))

Please use the Wetland Permit Planning Tool (WPPT), the Natural Heritage Bureau (NHB) DataCheck Tool, the Aquatic Restoration Mapper, or other sources to assist in identifying key features such as: priority resource areas (PRAs), protected species or habitats, coastal areas, designated rivers, or designated prime wetlands.

Has the required planning been completed?	☒ Yes ☐ No
Does the property contain a PRA? If yes, provide the following information:	☐ Yes ☒ No
• Does the project qualify for an Impact Classification Adjustment (e.g. NH Fish and Game Department (NHF&G) and NHB agreement for a classification downgrade) or a Project-Type Exception (e.g. Maintenance or Statutory Permit-by-Notification (SPN) project)? See Env-Wt 407.02 and Env-Wt 407.04.	☐ Yes ☒ No
• Protected species or habitat? o If yes, species or habitat name(s): o NHB Project ID #: **NHB24-1301**	☐ Yes ☒ No
• Bog?	☐ Yes ☒ No
• Floodplain wetland contiguous to a tier 3 or higher watercourse?	☐ Yes ☒ No
• Designated prime wetland or duly-established 100-foot buffer?	☐ Yes ☒ No
• Sand dune, tidal wetland, tidal water, or undeveloped tidal buffer zone?	☐ Yes ☒ No
Is the property within a Designated River corridor? If yes, provide the following information: • Name of Local River Management Advisory Committee (LAC): • A copy of the application was sent to the LAC on Month: Day: Year:	☐ Yes ☒ No

For dredging projects, is the subject property contaminated? • If yes, list contaminant:	☐ Yes ☒ No
Is there potential to impact impaired waters, class A waters, or outstanding resource waters?	☐ Yes ☒ No
For stream crossing projects, provide watershed size (see WPPT or Stream Stats):	

SECTION 2 - PROJECT DESCRIPTION (Env-Wt 311.04(l))

Provide a brief description of the project and the purpose of the project, outlining the scope of work to be performed and whether impacts are temporary or permanent. DO NOT reply "See attached"; please use the space provided below.

Repair or replace an existing +/- 27ft western rock breakwater with attached five (5) bumper pilings and boards in-kind with no change in size location or configuration. Repair or replace an existing irregularly shaped lead-on attached to the boathouse supported by two pilings in-kind with no change in size location or configuration. Permanently remove 4ft x 35ft-6in piling dock connected to the lead-on. Proposed reconfiguration of the existing rock breakwater to the east using existing rock on site and hauling in +/-50 CY of rock to form a +/- 48 LF curved breakwater with an attached +/- 4ft x 30ft cantilevered dock and accessed by a 6ft x 8ft landing. Lastly, retain one existing seasonal boatlift inside the boathouse and proposed single seasonal boatlift and two seasonal PWC lifts adjacent to the dockage.

No work proposed to the existing boathouse and decks attached to the house under this request.

SECTION 3 - PROJECT LOCATION

Separate wetland permit applications must be submitted for each municipality within which wetland impacts occur.

ADDRESS: **2 Treasure Island**

TOWN/CITY: **Alton**

TAX MAP/BLOCK/LOT/UNIT: **074-008-000**

US GEOLOGICAL SURVEY (USGS) TOPO MAP WATERBODY NAME: **Lake Winnipesaukee**
☐ N/A

(Optional) LATITUDE/LONGITUDE in decimal degrees (to five decimal places): **43.55218° North**
71.28239° West

SECTION 4 - APPLICANT (DESIRED PERMIT HOLDER) INFORMATION (Env-Wt 311.04(a)) If the applicant is a trust or a company, then complete with the trust or company information.		
NAME: **Rebecca J Burbank 2014 Trust, Trustee: Rebecca J Burbank**		
MAILING ADDRESS: [redacted]		
TOWN/CITY: [redacted]	STATE: [redacted]	ZIP CODE: [redacted]
EMAIL ADDRESS: **N/A**		
FAX: **N/A**	PHONE: **N/A**	
ELECTRONIC COMMUNICATION: By initialing here **N/A**, I hereby authorize NHDES to communicate all matters relative to this application electronically.		
SECTION 5 - AUTHORIZED AGENT INFORMATION (Env-Wt 311.04(c)) ☐ N/A		
NAME: **Ian Aldcroft**		
COMPANY NAME: **Watermark Marine Construction**		
MAILING ADDRESS: **1218 Union Avenue**		
TOWN/CITY: **Laconia**	STATE: **NH**	ZIP CODE: **03246**
EMAIL ADDRESS: **iea@watermarkmarine.com**		
FAX: **N/A**	PHONE: **603-293-4000**	
ELECTRONIC COMMUNICATION: By initialing here **IEA**, I hereby authorize NHDES to communicate all matters relative to this application electronically.		
SECTION 6 - PROPERTY OWNER INFORMATION (IF DIFFERENT THAN APPLICANT) (Env-Wt 311.04(b)) If the owner is a trust or a company, then complete with the trust or company information. ☒ Same as applicant		
NAME: **Rebecca J Burbank 2014 Trust, Trustee: Rebecca J Burbank**		
MAILING ADDRESS: [redacted]		
TOWN/CITY: [redacted]	STATE: [redacted]	ZIP CODE: [redacted]
EMAIL ADDRESS: **N/A**		
FAX: **N/A**	PHONE: **N/A**	
ELECTRONIC COMMUNICATION: By initialing here **N/A**, I hereby authorize NHDES to communicate all matters relative to this application electronically.		

SECTION 7 - RESOURCE-SPECIFIC CRITERIA ESTABLISHED IN Env-Wt 400, Env-Wt 500, Env-Wt 600, Env-Wt 700, OR Env-Wt 900 HAVE BEEN MET (Env-Wt 313.01(a)(3))

Describe how the resource-specific criteria have been met for each chapter listed above (please attach information about stream crossings, coastal resources, prime wetlands, or non-tidal wetlands and surface waters):

There are currently no resource-specific criteria established in chapter Env-Wt 500. There are no resource-specific criteria to meet with regards to the installation of dredging, permanent docks, boathouses, permanent boatlifts, seasonal docks, seasonal PWC lifts, seasonal boatlifts and seasonal canopies.

This project proposes no work involving stream crossings, coastal resources or prime wetlands.

SECTION 8 - AVOIDANCE AND MINIMIZATION

Impacts within wetland jurisdiction must be avoided to the maximum extent practicable (Env-Wt 313.03(a)).* Any project with unavoidable jurisdictional impacts must then be minimized as described in the Wetlands Best Management Practice Techniques For Avoidance and Minimization and the Wetlands Permitting: Avoidance, Minimization and Mitigation Fact Sheet. For minor or major projects, a functional assessment of all wetlands on the project site is required (Env-Wt 311.03(b)(10)).*

Please refer to the application checklist to ensure you have attached all documents related to avoidance and minimization, as well as functional assessment (where applicable). Use the Avoidance and Minimization Checklist, the Avoidance and Minimization Narrative, or your own avoidance and minimization narrative.

**See Env-Wt 311.03(b)(6) and Env-Wt 311.03(b)(10) for shoreline structure exemptions.*

SECTION 9 - MITIGATION REQUIREMENT (Env-Wt 311.02)

If unavoidable jurisdictional impacts require mitigation, a mitigation pre-application meeting must occur at least 30 days but not more than 90 days prior to submitting this Standard Dredge and Fill Permit Application.

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

(☒ N/A - Mitigation is not required)

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

Confirm that you have submitted a compensatory mitigation proposal that meets the requirements of Env-Wt 800 for all permanent unavoidable impacts that will remain after avoidance and minimization techniques have been exercised to the maximum extent practicable: ☐ I confirm submittal.

(☒ N/A – Compensatory mitigation is not required)

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

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

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

For perennial streams/rivers, the linear footage of impact is calculated by summing the lengths of disturbances to the channel and banks.

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

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

JURISDICTIONAL AREA		PERMANENT			TEMPORARY		
		SF	LF	ATF	SF	LF	ATF
Wetlands	Forested Wetland			☐			☐
	Scrub-shrub Wetland			☐			☐
	Emergent Wetland			☐			☐
	Wet Meadow			☐			☐
	Vernal Pool			☐			☐
	Designated Prime Wetland			☐			☐
	Duly-established 100-foot Prime Wetland Buffer			☐			☐
Surface Water	Intermittent / Ephemeral Stream			☐			☐
	Perennial Stream or River			☐			☐
	Lake / Pond	174		☐			☐
	Docking - Lake / Pond	179		☐			☐
	Docking - River			☐			☐
Banks	Bank - Intermittent Stream			☐			☐
	Bank - Perennial Stream / River			☐			☐
	Bank / Shoreline - Lake / Pond			☐			☐
Tidal	Tidal Waters			☐			☐
	Tidal Marsh			☐			☐
	Sand Dune			☐			☐
	Undeveloped Tidal Buffer Zone (TBZ)			☐			☐
	Previously-developed TBZ			☐			☐
	Docking - Tidal Water			☐			☐
TOTAL		179/174					

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

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

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

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

Permanent and temporary (non-docking):	174 SF	× $0.40 =	$ 69.60
Seasonal docking structure:	0 SF	× $2.00 =	$ 0.00
Permanent docking structure:	179 SF	× $4.00 =	$ 716.00
Projects proposing shoreline structures (including docks) add $400 =			$ 400.00
		Total =	$ 1,185.60
The application fee for minor or major impact is the above calculated total or $400, whichever is greater =			$ 1,185.60

SECTION 13 - PROJECT CLASSIFICATION (Env-Wt 306.05)

Indicate the project classification.

☐ Minimum Impact Project	☐ Minor Project	☒ Major Project

SECTION 14 - REQUIRED CERTIFICATIONS (Env-Wt 311.11)

Initial each box below to certify:

Initials:	To the best of the signer's knowledge and belief, all required notifications have been provided.
Initials:	The information submitted on or with the application is true, complete, and not misleading to the best of the signer's knowledge and belief.
Initials:	The signer understands that: • The submission of false, incomplete, or misleading information constitutes grounds for NHDES to: 1. Deny the application. 2. Revoke any approval that is granted based on the information. 3. If the signer is a certified wetland scientist, licensed surveyor, or professional engineer licensed to practice in New Hampshire, refer the matter to the joint board of licensure and certification established by RSA 310-A:1. • The signer is subject to the penalties specified in New Hampshire law for falsification in official matters, currently RSA 641. • The signature shall constitute authorization for the municipal conservation commission and the Department to inspect the site of the proposed project, except for minimum impact forestry SPN projects and minimum impact trail projects, where the signature shall authorize only the Department to inspect the site pursuant to RSA 482-A:6, II.
Initials:	If the applicant is not the owner of the property, each property owner signature shall constitute certification by the signer that he or she is aware of the application being filed and does not object to the filing.

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

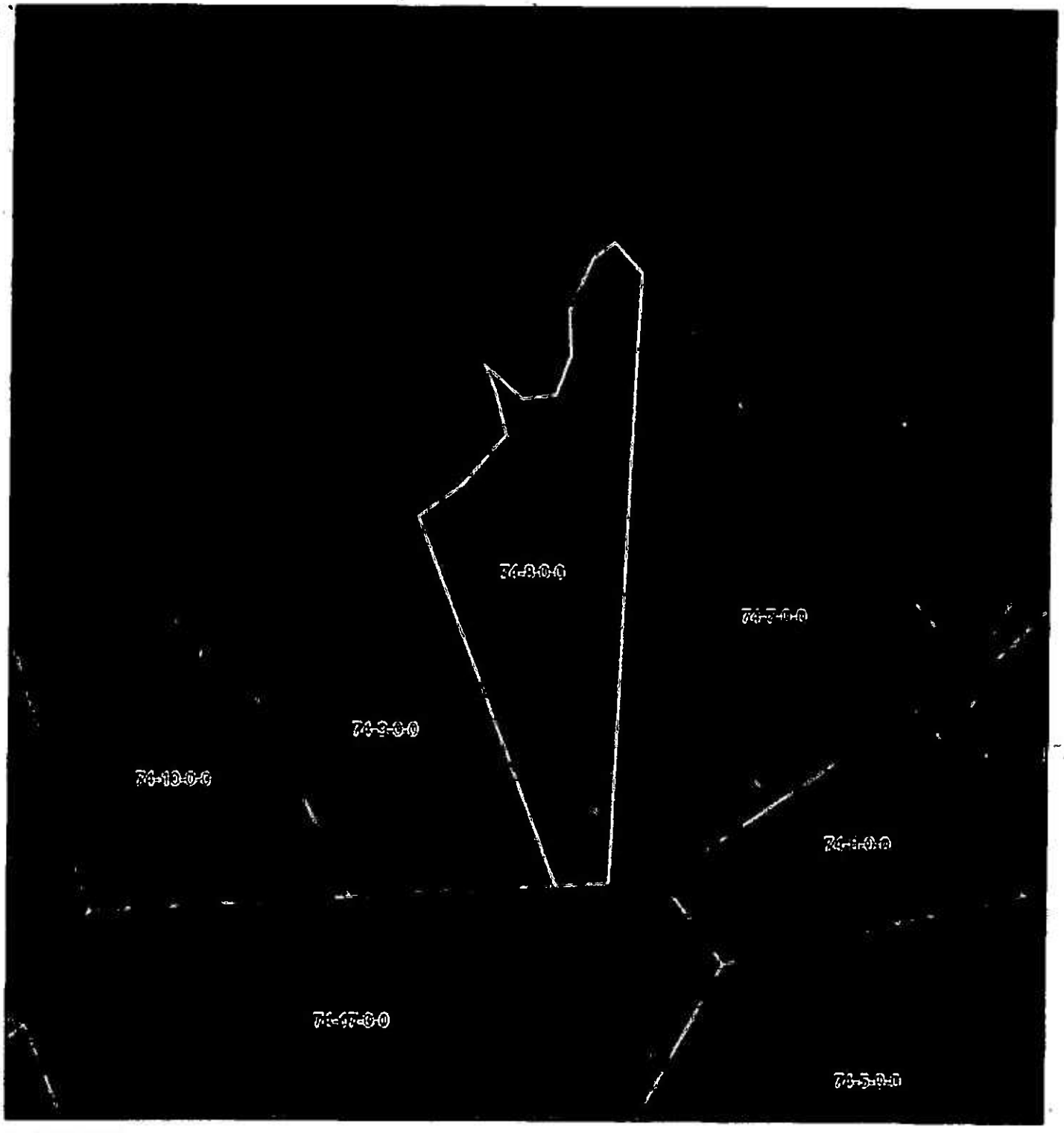
SIGNATURE (OWNER):	PRINT NAME LEGIBLY: Timothy S Burbank	DATE: 4/24/24
SIGNATURE (APPLICANT, IF DIFFERENT FROM OWNER):	PRINT NAME LEGIBLY:	DATE:
SIGNATURE (AGENT, IF APPLICABLE):	PRINT NAME LEGIBLY: Ian Aldcroft	DATE: 4/24/24

SECTION 16 - TOWN / CITY CLERK SIGNATURE (Env-Wt 311.04(f))

As required by RSA 482-A:3, I(a)(1), I hereby certify that the applicant has filed four application forms, four detailed plans, and four USGS location maps with the town/city indicated below.

TOWN/CITY CLERK SIGNATURE: Melissa A Ingham Deputy	PRINT NAME LEGIBLY: Melissa A Ingham
TOWN/CITY: Alton	DATE: 4/24/24

Rebecca J Burbank 2014 Trust Property



April 23, 2024

parcels

tboundary

1:1,128

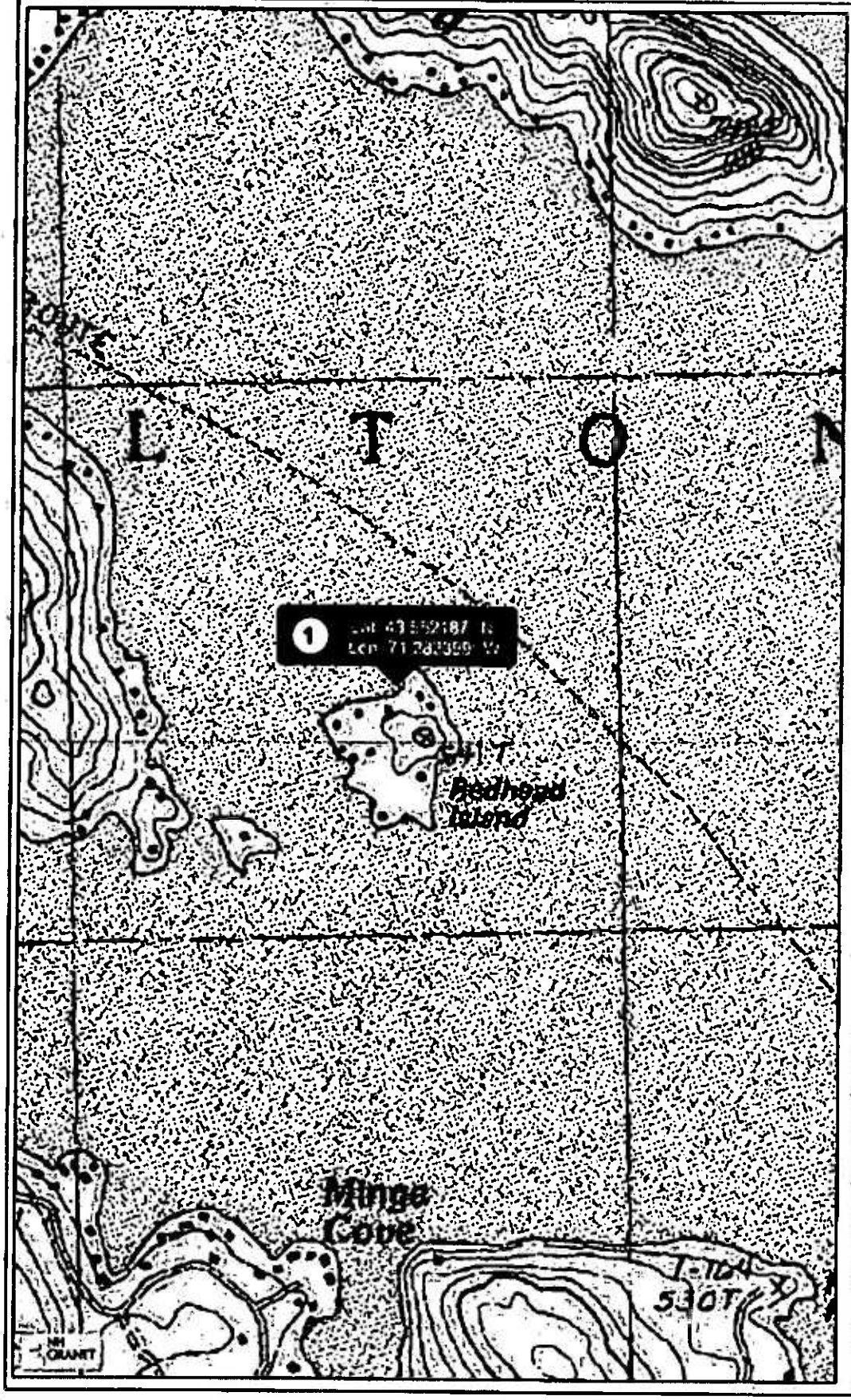
0 0.01 0.01 0.02 mi

0 0.01 0.02 0.04 km

Maxar, Microsoft

Town of Alton- FOR PLANNING PURPOSES ONLY
Neither the Town nor Corson GIS Solutions accept any liability for the systems completeness or accuracy.

Rebecca J Burbank 2014 Trust Property



Legend

- State
- County
- City/Town

Map Scale

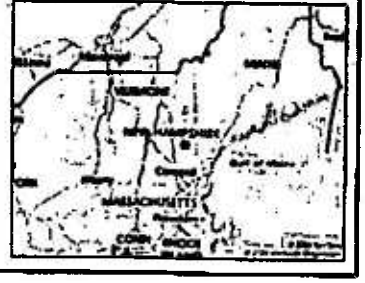
1: 10,000

© NH GRANIT, www.granit.unh.edu

Map Generated: 4/23/2024

Notes

Rebecca J Burbank 2014 Trust
2 Treasure Island, Alton
TM/L #074-008-000
Geographic Coordinates:
Latitude: 43.55218° N
Longitude: 71.28239° W



New Hampshire Natural Heritage Bureau
NHB DataCheck Results Letter

To: Ian Aldcroft
1218 Union Avenue
Laconia, NH 03246

From: NH Natural Heritage Bureau

Date: 4/23/2024 (This letter is valid through 4/23/2025)

Re: Review by NH Natural Heritage Bureau of request dated 4/23/2024

Permit Types: Alton
General Permit
Standard Dredge & Fill - Major

NHB ID: NHB24-1301

Applicant: Ian Aldcroft

Location: Alton
Tax Map: 074, Tax Lot: 008-000
Address: 2 Treasure Island

Proj. Description: Repair or replace an existing +/- 27ft western rock breakwater with attached five (5) bumper pilings and boards in-kind with no change in size location or configuration. Repair or replace an existing irregularly shaped lead-on attached to the boathouse supported by two pilings in-kind with no change in size location or configuration. Permanently remove 4ft x 35ft-6in piling dock connected to the lead-on. Proposed reconfiguration of the existing rock breakwater to the east using existing rock on site and hauling in +/-50 CY of rock to form a +/- 48 LF curved breakwater with an attached +/- 4ft x 30ft cantilevered dock and accessed by a 6ft x 8ft landing. Lastly, retain one existing seasonal boatlift inside the boathouse and proposed single seasonal boatlift and two seasonal PWC lifts.

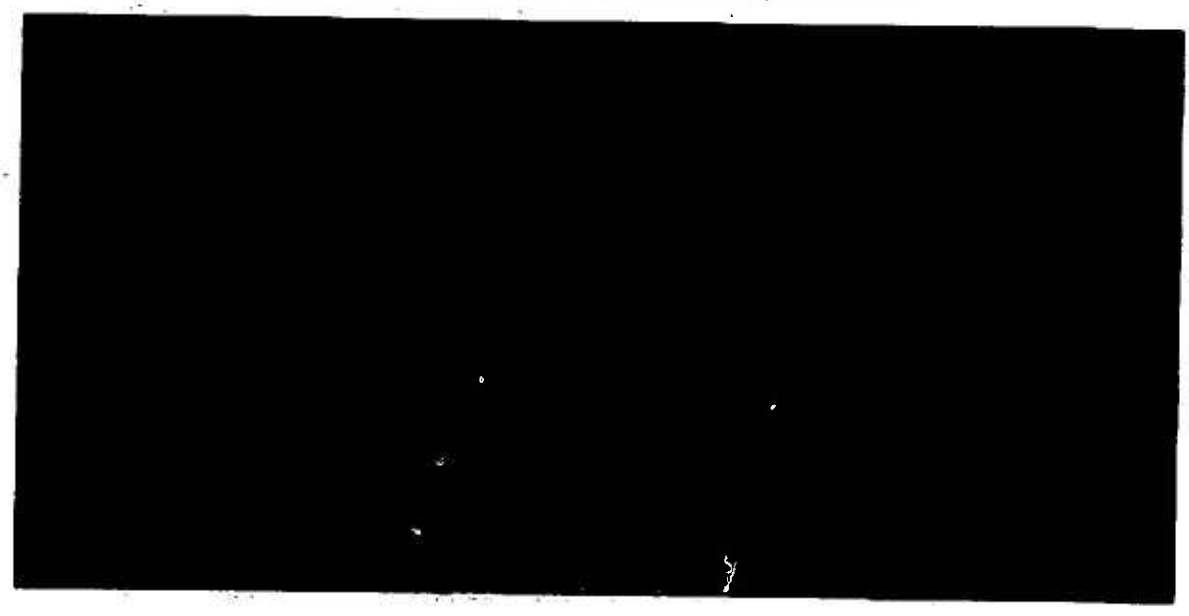
The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded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

Based on the information submitted, no further consultation with the NH Fish and Game Department pursuant to Fis 1004 is required.

New Hampshire Natural Heritage Bureau
NHB DataCheck Results Letter

MAP OF PROJECT BOUNDARIES FOR: NHB24-1301



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

DNCR/NHB
172 Pembroke Rd.
Concord NH 03301

Abutter List

TM/L: #074-008-000

Rebecca J Burbank 2014 Trust
Trustee: Rebecca J Burbank
[redacted]

#074-009-000

Bernard & Nancy Anderson
[redacted]

#074-007-000

Lee Apgar
[redacted]

7022 2410 0002 1310 8836

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- ☐ Return Receipt (electronic) $
- ☐ Certified Mail Restricted Delivery $
- ☐ Adult Signature Required $
- ☐ Adult Signature Restricted Delivery $

Postage
$

Total Postage and Fees
$

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Street and Apt. No.

City, State

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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APR 2 2024
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- ☐ Return Receipt (electronic) $
- ☐ Certified Mail Restricted Delivery $
- ☐ Adult Signature Required $
- ☐ Adult Signature Restricted Delivery $

Postage
$

Total Postage and Fees
$

Sent To Bernard & Nancy Anderson

Street and Apt. No.

City, State

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Postmark Here
APR 25 2024
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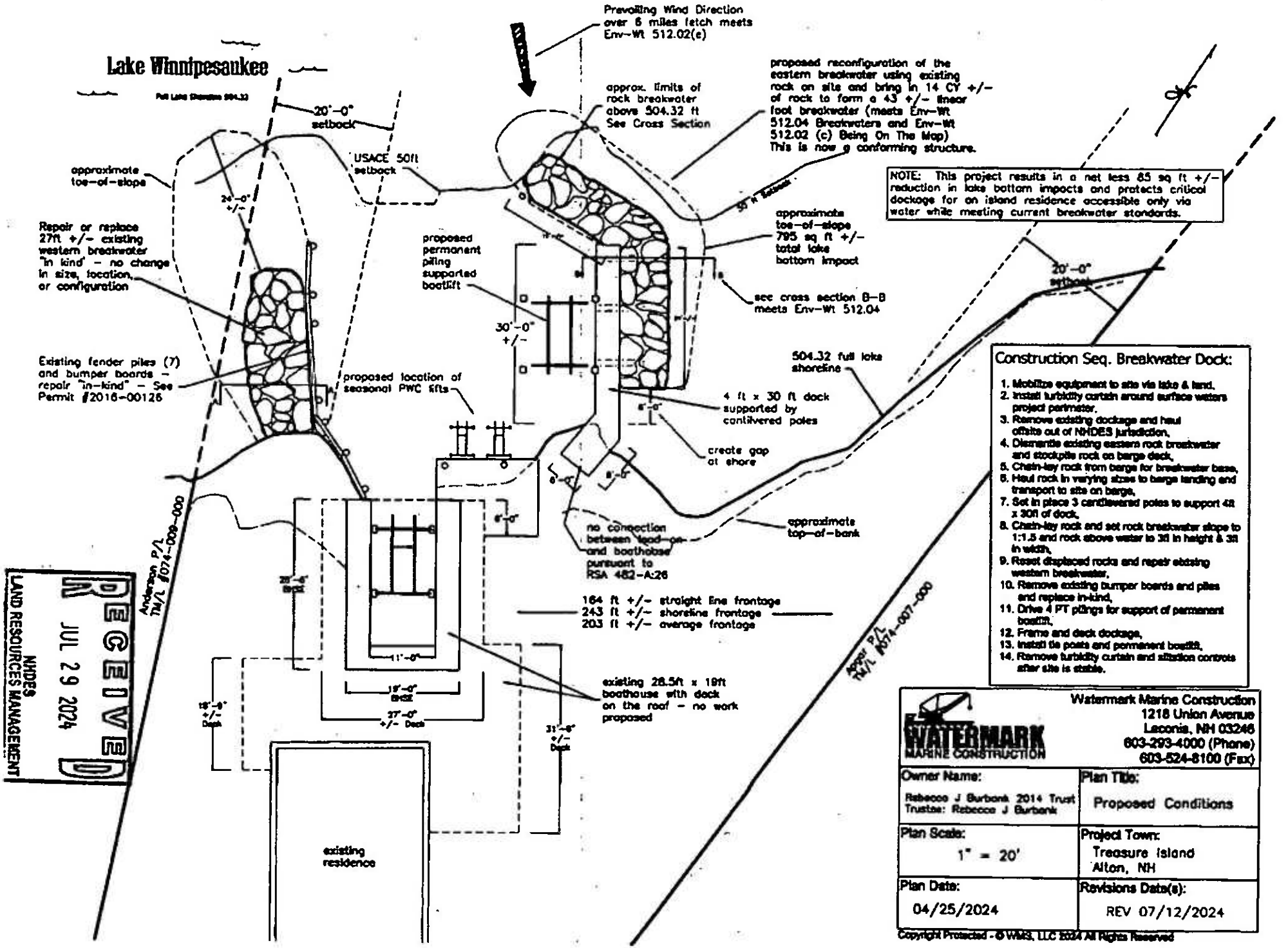
Lake Winnipesaukee
Full Lake Elevation 504.32
Prevailing Wind Direction over 6 miles fetch meets Env-Wt 512.02(e)
approx. limits of rock breakwater above 504.32 ft See Cross Section
proposed reconfiguration of the eastern breakwater using existing rock on site and bring in 14 CY +/- of rock to form a 43 +/- linear foot breakwater (meets Env-Wt 512.04 Breakwaters and Env-Wt 512.02 (c) Being On The Map) This is now a conforming structure.
20'-0" setback
USACE 50ft setback
approximate toe-of-slope
24'-0" +/-
Repair or replace 27ft +/- existing western breakwater "in kind" - no change in size, location, or configuration
proposed permanent piling supported boatlift
30'-0" +/-
approximate toe-of-slope 795 sq ft +/- total lake bottom impact
see cross section B-B meets Env-Wt 512.04
Existing fender piles (7) and bumper boards - repair "in-kind" - See Permit #2016-00126
proposed location of seasonal PWC lifts
504.32 full lake shoreline
4 ft x 30 ft dock supported by cantilevered poles
create gap at shore
approximate top-of-bank
no connection between "land-on-and boathouse pursuant to RSA 482-A:26
164 ft +/- straight line frontage
243 ft +/- shoreline frontage
203 ft +/- average frontage
existing 28.5ft x 19ft boathouse with deck on the roof - no work proposed
Anderson P/L TM/L #074-009-000
Agger P/L TM/L #074-007-000
11'-0"
19'-0" BHSE
27'-0" +/- Deck
19'-0" +/- Deck
31'-6" +/- Deck
existing residence
NOTE: This project results in a net less 85 sq ft +/- reduction in lake bottom impacts and protects critical dockage for an island residence accessible only via water while meeting current breakwater standards.
Construction Seq. Breakwater Dock:
1. Mobilize equipment to site via lake & land.
2. Install turbidity curtain around surface waters project perimeter.
3. Remove existing dockage and haul offsite out of NHDES jurisdiction.
4. Dismantle existing eastern rock breakwater and stockpile rock on barge deck.
5. Chain-lay rock from barge for breakwater base.
6. Haul rock in varying sizes to barge landing and transport to site on barge.
7. Set in place 3 cantilevered poles to support 4ft x 30ft of dock.
8. Chain-lay rock and set rock breakwater slope to 1:1.5 and rock above water to 3ft in height & 3ft in width.
9. Reset displaced rocks and repair existing western breakwater.
10. Remove existing bumper boards and piles and replace in-kind.
11. Drive 4 PT pilings for support of permanent boatlift.
12. Frame and deck dockage.
13. Install tie posts and permanent boatlift.
14. Remove turbidity curtain and siltation controls after site is stable.
WATERMARK MARINE CONSTRUCTION
Watermark Marine Construction
1218 Union Avenue
Laconia, NH 03246
603-293-4000 (Phone)
603-524-8100 (Fax)
Owner Name: Rebecca J Burbank 2014 Trust Trustee: Rebecca J Burbank
Plan Title: Proposed Conditions
Plan Scale: 1" = 20'
Project Town: Treasure Island Alton, NH
Plan Date: 04/25/2024
Revisions Date(s): REV 07/12/2024
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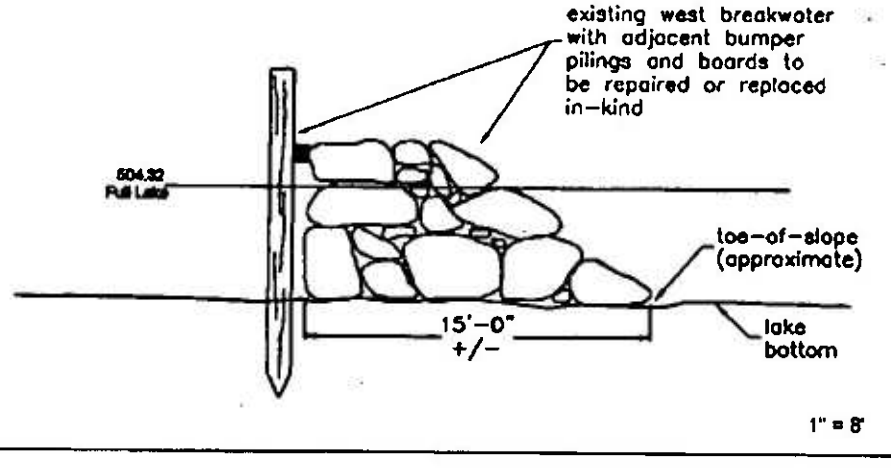
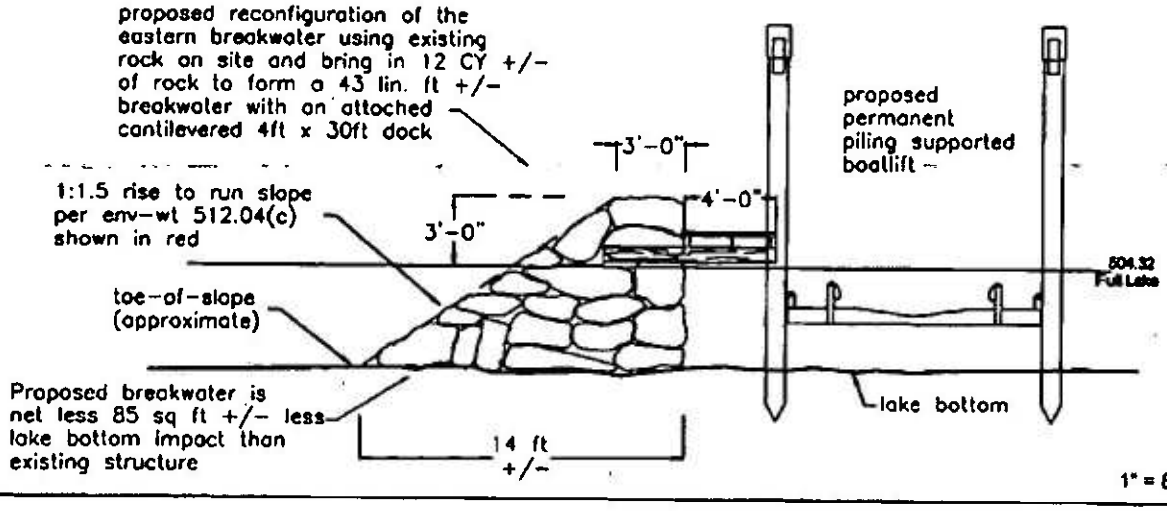
JUL 29 2024
NHDES
LAND RESOURCES MANAGEMENT

Western Breakwater Cross Section A-A:



Eastern Breakwater Cross Section B-B:



Construction Materials List:

1. Natural rock of varying dimensions,
2. Pressure Treated (PT) pilings,
3. Pressure Treated (PT) lumber of varying dimensions,
5. Galvanized hardware & fasteners.

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Owner Name: Rebecca J Burbank 2014 Trust Trustee: Rebecca J Burbank	Plan Title: Cross Sections
Plan Scale: 1" = 20'.	Project Town: Treasure Island Alton, NH
Plan Date: 04/25/2024	Revisions Date(s): REV 07/12/2024

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