



The State of New Hampshire
Department of Environmental Services

Robert R. Scott, Commissioner

AUG14'19 AM10:07 DAS



Handwritten initials/signature

August 13, 2019

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

REQUESTED ACTION

Approve Charles and Cheryl Chiarello's request to perform the following work on Lake Winnepesaukee in Alton. File # 2019-00751. This project will not have significant impact on or adversely affect the values of Lake Winnepesaukee.

Fill 400 square feet of lakebed with 52 cubic yards of stone in order to add 15 linear feet to an existing 35 foot breakwater with a 6 foot shoreline opening and a 4 foot x 30 foot cantilevered dock attached to an adjacent 6 foot x 30 foot piling dock by an 11 foot 11 inch x 3 foot walkway and accessed by a 4 foot x 10 foot walkway with an ice-cluster located 5 feet from the lakeward end of the piling pier on an average of 100 feet of frontage along Lake Winnepesaukee on Rattlesnake Island, 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 Ambrose Marine dated June 1, 2019 and received by the NH Department of Environmental Services (NHDES) on June 17, 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 development activities associated with this project shall be conducted in compliance with applicable requirements of RSA 483-B and NH Code of Administrative Rules Env-Wq 1400 during and after construction.
4. This permit does not authorize the removal of vegetation from areas within the waterfront buffer.
5. 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.
6. No portion of breakwater as measured at normal full lake (Elev. 504.32) shall extend more than 50 feet from normal full lake shoreline.
7. The breakwater shall not exceed 3 feet in height (Elev. 507.32) over the normal high water line (Elev. 504.32).
8. The width as measured at the top of the breakwater (Elev. 507.32) shall not exceed 3 feet.
9. 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.
10. 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.
11. 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.

www.des.nh.gov

29 Hazen Drive • PO Box 95 • Concord, NH 03302-0095

NHDES Main Line: (603) 271-3503 • Subsurface Fax: (603) 271-6683 • Wetlands Fax: (603) 271-6588

TDD Access: Relay NH 1 (800) 735-2964

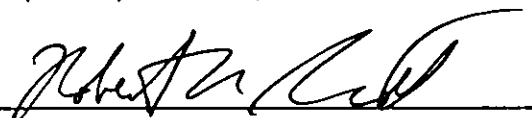
EXPLANATION

The NHDES approved this project on July 10, 2019. The NHDES supported its decision with the following findings:

1. This project is classified as a major project per Rule Env-Wt 303.02(j), construction of breakwater in public waters.
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 applicant has an average of 104 feet of shoreline frontage along Lake Winnepesaukee.
4. A maximum of 2 slips may be permitted on this frontage per Rule Env-Wt 402.13, Frontage Over 75'.
5. The proposed docking facility will provide 2 slips as defined per RSA 482-A:2, VIII and therefore meets Rule Env-Wt 402.13.
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.

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

COMPLETE

MAR 08 2019

MAR 08 2019

2019-00751

3000

0.500000

1.51

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 Questions.

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 within which wetland impacts occur.

ADDRESS: 832 Rattlesnake Island TOWN/CITY: Alton

TAX MAP: 76 BLOCK: LOT: 80 UNIT:

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

LOCATION COORDINATES (If known): 1084105.03 E 390190.46N
 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.

Add +/- 400 sf to an existing breakwater.

5. SHORELINE FRONTAGE:

N/A This does not have shoreline frontage. SHORELINE FRONTAGE: 104'

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 (Env-Wt 101.89).

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 Webpage.

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 19 - 0383

b. This project is within a Designated River corridor. The project is within ¼ mile of: _____; and date a copy of the application was sent to the Local River Management Advisory Committee: Month: ___ Day: ___ Year: ___
 N/A - This project is not within a Designated River corridor.

8. APPLICANT INFORMATION (Desired permit holder)

LAST NAME, FIRST NAME, M.I.: **Chiarello, Charles and Cheryl**

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: _____ 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.

10. AUTHORIZED AGENT INFORMATION

LAST NAME, FIRST NAME, M.I.: **Greer, Tobin** COMPANY NAME: **Ambrose Marine**

MAILING ADDRESS: **PO Box 1323**

TOWN/CITY: **Meredith** STATE: **NH** ZIP CODE: **03253**

EMAIL or FAX: **tobln@marinenh.com** PHONE: **603-707-7394**

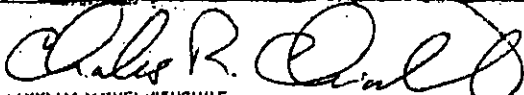
ELECTRONIC COMMUNICATION: By Initialing here: **TG**, I hereby authorize NHDES to communicate all matters relative to this application electronically.

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 National Historic Preservation Act (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 NHDES 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

 <small>Property Owner Signature</small>	Charles Chiarello <small>Print name legibly</small>	1 / 13 / 2019 <small>Date</small>
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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.

Print name legibly

Date

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.

 Deputy Town Clerk	Jennifer Collins Print name legibly	Alton Town/City	2/20/2019 Date
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DIRECTIONS FOR TOWN/CITY CLERK:

Per RSA 482-A:3:

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 completed.
Intermittent Streams: linear footage distance of disturbance is measured along the thread of the channel.
Perennial Streams/Rivers: the total linear footage distance is calculated by summing the lengths of disturbance to the channel and each bank.

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 channel	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Perennial Stream / River channel	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Lake / Pond	400 / <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Bank - Intermittent stream	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Bank - Perennial stream / River	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Bank - Lake / Pond	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Tidal water	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
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
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	/	/

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

Minimum Impact Fee: Flat fee of \$ 200

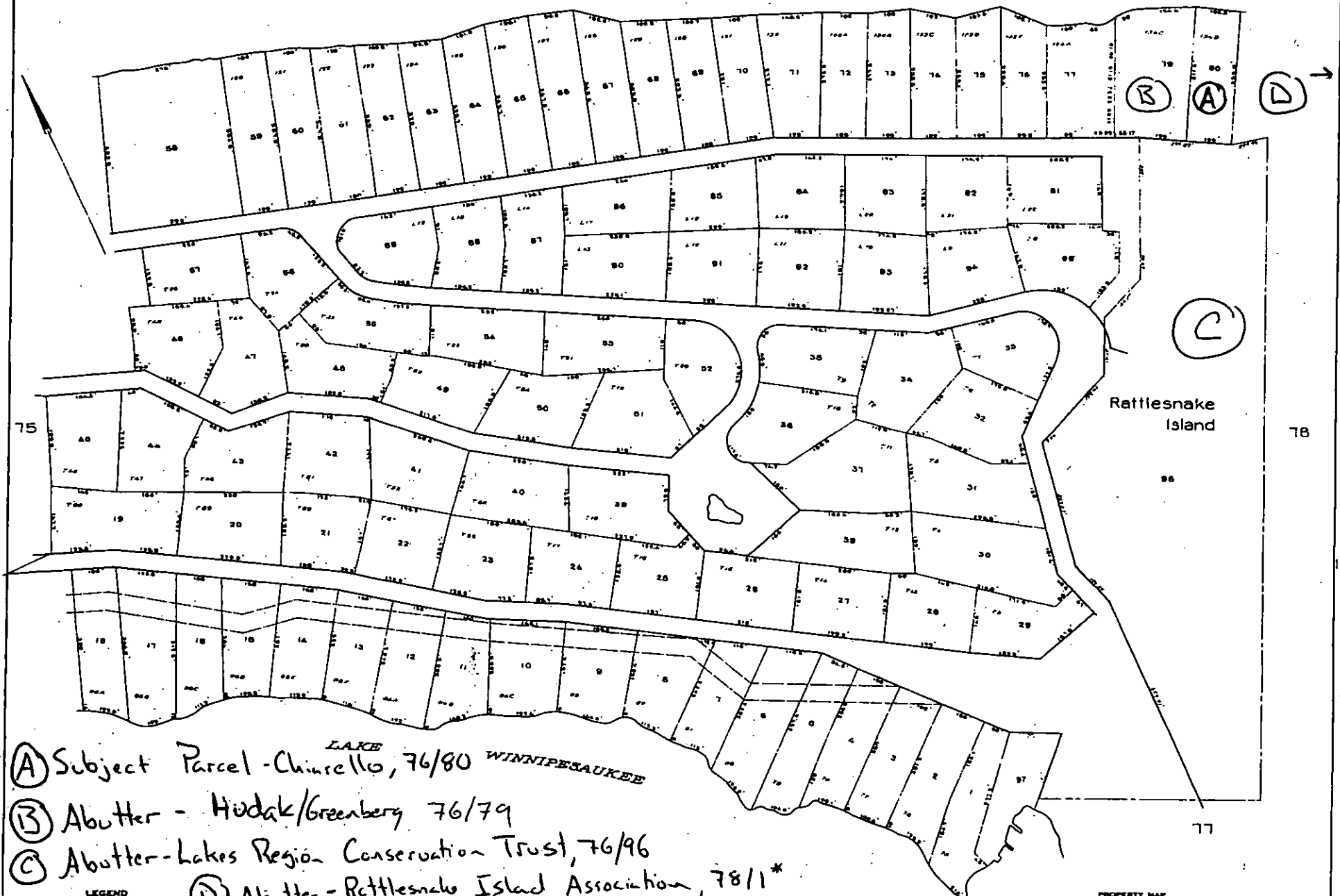
Minor or Major Impact Fee: Calculate using the below table below

Permanent and Temporary (non-docking)	400 sq. ft.	X \$0.20 =	\$ 80
Temporary (seasonal) docking structure:	sq. ft.	X \$1.00 =	\$
Permanent docking structure:	sq. ft.	X \$2.00 =	\$
Projects proposing shoreline structures (including docks) add \$200 =			\$
Total =			\$ 80
The Application Fee is the above calculated Total or \$200, whichever is greater =			\$ 200

Chiarello, 832 Rattlesnake Island, Alton TM 76/80

LAKE

WINNIPESAUKEE



- (A) Subject Parcel - Chiarello, 76/80
- (B) Abutter - Hudak/Greenberg 76/79
- (C) Abutter - Lakes Region Conservation Trust, 76/96
- (D) Abutter - Rattlesnake Island Association, 78/11*
(on adjacent map)

LEGEND

PARCEL NUMBERS 1
 ADJACENT MAPS 2
 MATCH LINE

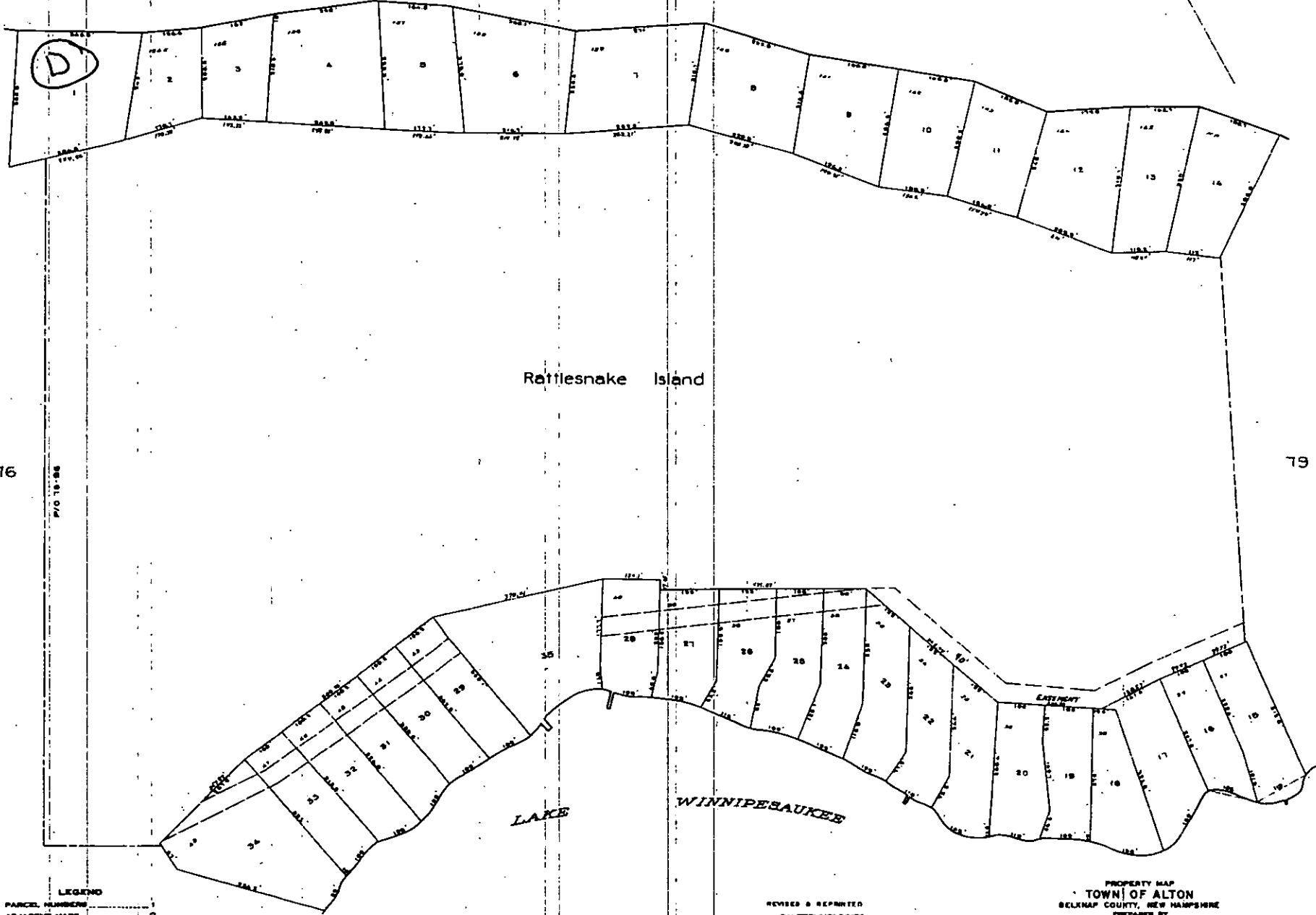
For Assessment Purposes
 Not to be used for Conservancy

REVISED & REPRINTED BY
 CM TECHNOLOGIES
 LITTLETON NH 03561

PROPERTY MAP
 TOWN OF ALTON
 BELKNAP COUNTY, NEW HAMPSHIRE
 PREPARED BY
 JAMES W. SEWALL COMPANY OLD TOWN, MAINE
 SCALE 1 INCH = 100 ± FEET

① Abutter - Rattlesnake Island Assoc., 78/1
(subject parcel on adjacent map)

WINNIPESAUKEE



Rattlesnake Island

76

79

LEGEND
PARCEL NUMBERS
ADJACENT MAPS
MATCH LINE

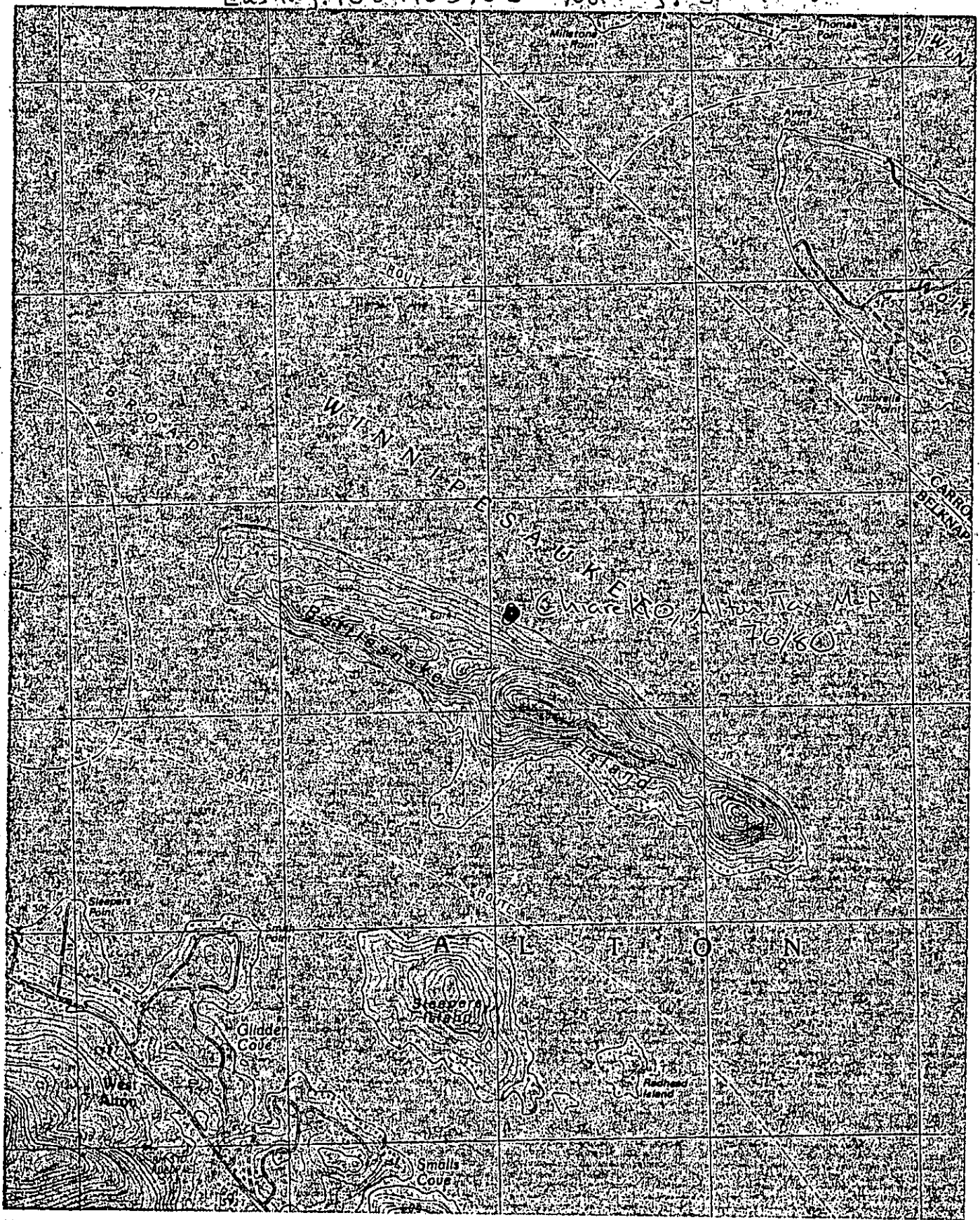
For Assessment Purposes
Not to be used for Conveyance

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BY TECHNOLOGIES
LITTLETON NH 03561

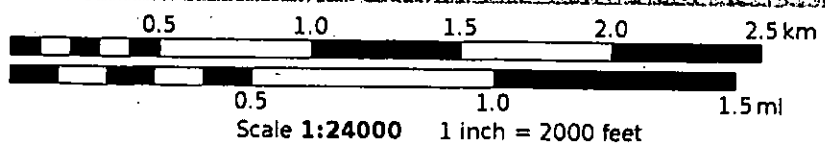
PROPERTY MAP
TOWN OF ALTON
BELKNAP COUNTY, NEW HAMPSHIRE
PREPARED BY
JAMES W. SEWALL COMPANY OLD TOWN, MAINE
SCALE 1 INCH = 100 FEET

Chart 110

Easting: 1084105.03 Northing: 390190.46



Mercator Projection
WGS84
USNG Zone 19TCJ
CalTopo





New Hampshire Natural Heritage Bureau

To: Tobin Greer
Box 1323
Meredith, NH 03253

Date: 1/30/2019

From: NH Natural Heritage Bureau

Re: Review by NH Natural Heritage Bureau of request dated 1/30/2019

NHB File ID: NHB19-0383

Applicant: Tobin Greer

Location: Tax Map(s)/Lot(s): 76/80
Alton

Project Description: Expand an existing breakwater to full legal limits.

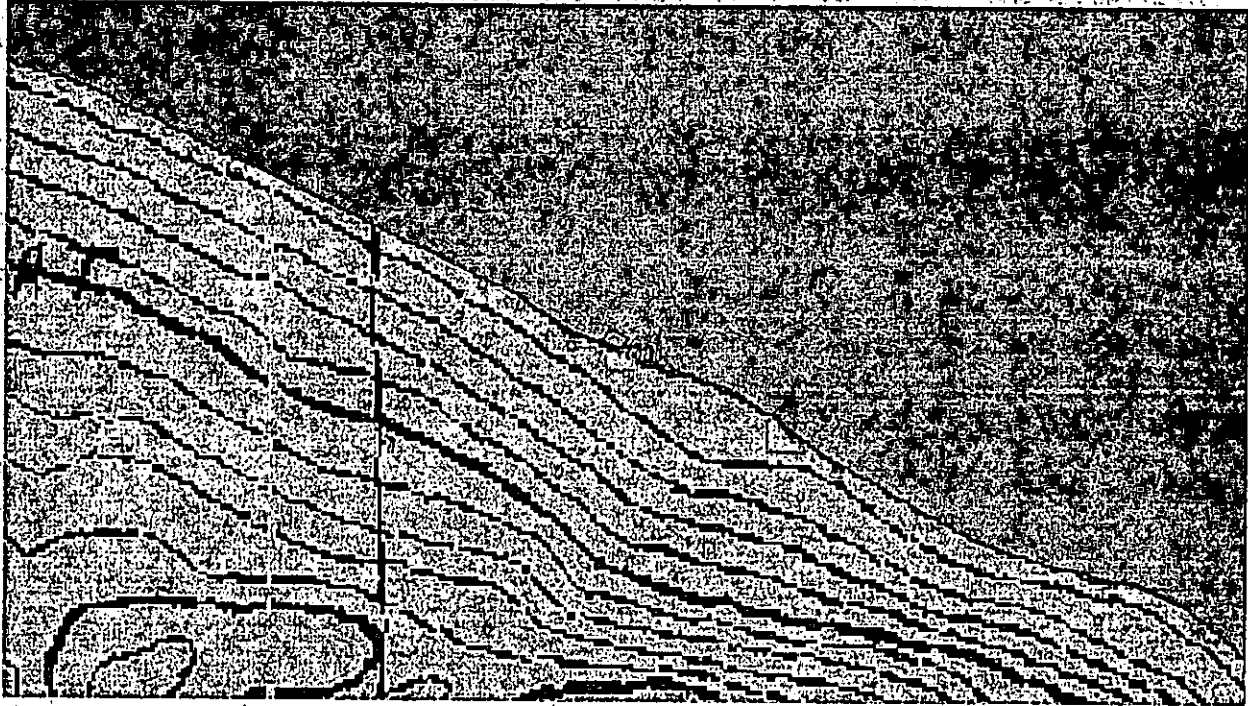
The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded 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 1/29/2020.



MAP OF PROJECT BOUNDARIES FOR NHB FILE ID: NHB19-0383



Ambrose Marine Construction

PO Box 1323

Meredith, NH 03253

603.279.4444

info@marinenh.com



Abutter List

Chiarello

Subject Property:

832 Rattlesnake Island, Alton Tax Map 76/80

Charles and Cheryl Chiarello

20 Fox Hollow

Avon, CT 06001

Abutters:

1) 838 Rattlesnake Island, Alton Tax Map 76/79

Andrew Hudak and Elissa Greenberg

2645 Longwood Drive

Wilmington, DE 19810

2) Unnumbered Rattlesnake Island, Alton Tax Map 76/96

Lakes Region Conservation Trust

PO Box 766

Center Harbor, NH 03226

3) Unnumbered Rattlesnake Island, Alton Tax Map 78/1

Rattlesnake Island Association

c/o Robert Moores

8 Robin Lane

Pepperell, MA 01463

**Proposed Conditions
Chiarello, 832 Rattlesnake Island
Alton Tax Map 76/80**

20' setback

20' setback

1"=20'

12x8' deck

+/-350 sf
perched
beach

A)
Avg. Frontage 104'
Pin-Pin 100'
By Shore 108'

504.32

504.32

Abutters:

A) Rattlesnake Is. Assoc.

Alton Tax Map 78/1

B) Hudak/Greenberg

Alton Tax Map 76/79



Winnepesaukee

504.32'

Easting 1084105.03

Northing 390190.46

Structures Proposed:

-440 sf additional breakwater
as allowed in 402.07

- add approx. 52 cy. of stone

Amended to show 2' contours of lake bed
in expanded area

Structures Existing:

-+/- 378 sf breakwater

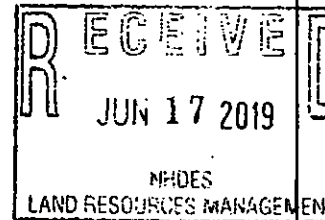
-6x30 piling dock

-4x30 cantilevered dock

-3-4.5x11'11" walkway

-6x13' walkway

-3 sf ice cluster



5'8" from toe at 501.32' to
full lake; varies at water
depth as shown by toe of
slope line and 504.32' on
breakwater

504.32

toe of slope

500.32'

500.32'

500.32'

Added
breakwater,
+/- 440 sf.

8'7" from
l.o.s. to
504.32'

498.32'

498.32'

498.32'

Ambrose Marine
12/27/2018
REV 6/1/19
Sheet 2 of 3