



The State of New Hampshire  
**Department of Environmental Services**

Clark B. Freise, Assistant Commissioner



January 10, 2016

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

**REQUESTED ACTION**

Approve George W. Cook IV Trust and Ann Mariah Cook Trust requests to perform the following work on Lake Winnepesaukee, in Meredith. File # 2016-02149. This project will not have significant impact on or adversely affect the values of Lake Winnepesaukee.

Install a 4 ft. x 36 ft. seasonal pier accessed by a 4 ft. x 4 ft. walkway on an average of 2,888 ft. of frontage on Middle Beaver Island, on Lake Winnepesaukee, in Meredith.

The Department imposed the following conditions as part of this approval:

1. All work shall be in accordance with plans by George W. Cook IV as received by the NHDES on August 8, 2016.
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. No work shall be conducted on the existing boathouse, causeway, or kayak launch without first obtaining any additional approvals as may be required pursuant to RSA 482-A.
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 Common Loon 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 in place until suspended particles have settled and water at the work site has returned to normal clarity.
7. 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.
8. Only those structures shown on the approved plans shall be installed or constructed along this frontage.
9. No portion of the pier shall extend more than 36 ft. from the shoreline at full lake elevation (Elev. 504.32 ft.).
10. All seasonal structures shall be removed for the non-boating season.

[www.des.nh.gov](http://www.des.nh.gov)

29 Hazen Drive • PO Box 95 • Concord, NH 03302-0095  
(603) 271-3503 • TDD Access: Relay NH 1-800-735-2964

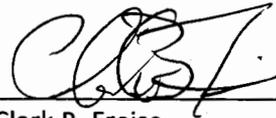
EXPLANATION

The DES Wetlands Bureau approved this project on December 11, 2016. DES supported its decision with the following findings:

1. This project is classified as a major project per Rule Env-Wt 303.02(d), construction of docking structures that will provide 5 or more total slips.
2. The applicant is sole owner of Middle Beaver Island which has an average of 2,888 ft. of frontage along Lake Winnepesaukee.
3. A maximum of 39 slips may be permitted on this frontage per Rule Env-Wt 402.13, Frontage Over 75 ft.
4. The proposed additional pier will result in docking facilities that will provide 5 slips as defined per RSA 482-A:2, VIII and, therefore, meets Rule Env-Wt 402.13.
5. The Department 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 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.

We respectfully submit this request for your consideration.



Clark B. Freise  
Assistant Commissioner



# WETLANDS PERMIT APPLICATION

Water Division/ Wetlands Bureau  
Land Resources Management

Check the status of your application: [www.des.nh.gov/onestop](http://www.des.nh.gov/onestop)



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

			File No: <u>2016-02149</u>
			Check No: <u>5084</u>
			Amount: <u>200-</u>
			Initials: <u>JBL</u>

**1. REVIEW TIME:**  
Indicate your Review Time below. Refer to Guidance Document A for instructions.

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

**2. PROJECT LOCATION:**  
Separate applications must be filed with each municipality that jurisdictional impacts will occur in:

ADDRESS: 2 MIDDLE BEAVER ISLAND      TOWN/CITY: MEREDITH

TAX MAP: I-13      BLOCK:      LOT: 4      UNIT:

USGS TOPO MAP WATERBODY NAME: LAKE WINNIPESAVILLE       NA      STREAM WATERSHED SIZE:  NA

LOCATION COORDINATES (If known): 429,102 NORTHING       Latitude/Longitude       UTM       State Plane  
1,044,596 EASTING

**3. 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.

INSTALLATION OF A ROLLING SECTIONAL SEASONAL DOCK. THREE SECTIONS MEASURING 12' X 4' AND A 4' X 4' TRANSITION PIER TO REACH THE SHORELINE

**4. SHORELINE FRONTAGE**

NA This lot has no shoreline frontage.      SHORELINE FRONTAGE: 4,381 FEET

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.

**5. RELATED PERMITS, ENFORCEMENT, EMERGENCY AUTHORIZATION, SHORELAND, ALTERATION OF TERRAIN, ETC...**

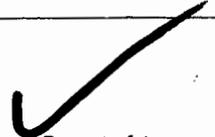
N/A

**6. 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 16-1499.

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: \_\_\_

NA



**7. APPLICANT INFORMATION (Desired permit holder)**

LAST NAME, FIRST NAME, M.I.: COOK, GEORGE, W

TRUST / COMPANY NAME: \_\_\_\_\_ MAILING ADDRESS: \_\_\_\_\_

TOWN/CITY: JEFFERSON STATE: NH ZIP CODE: 03583

EMAIL or FAX: \_\_\_\_\_ PHONE: \_\_\_\_\_

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

**8. PROPERTY OWNER INFORMATION (If different than applicant)**

LAST NAME, FIRST NAME, M.I.: COOK TRUST, GEORGE, W  
COOK TRUST, ANN, MARIAN

TRUST / COMPANY NAME: \_\_\_\_\_ MAILING ADDRESS: \_\_\_\_\_

TOWN/CITY: JEFFERSON STATE: NH ZIP CODE: 03583

EMAIL or FAX: \_\_\_\_\_ PHONE: \_\_\_\_\_

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

**9. AUTHORIZED AGENT INFORMATION**

LAST NAME, FIRST NAME, M.I.: \_\_\_\_\_ 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. 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](http://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

George W Cook \_\_\_\_\_ 5/15/16  
Property Owner Signature Print name legibly Date

## MUNICIPAL SIGNATURES

### 11. 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.

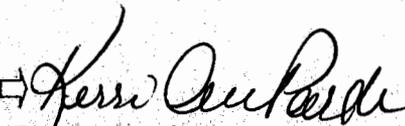
	ROBERT DAVIS <small>Print name legibly</small>	7/18/16 <small>Date</small>
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#### DIRECTIONS FOR CONSERVATION COMMISSION

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 reviewed in the standard review time frame.

### 12. 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.

	Keri A. PARKER <small>Print name legibly</small>	Meredith <small>Town/City</small>	7/18/2016 <small>Date</small>
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#### DIRECTIONS FOR TOWN/CITY CLERK:

Per RSA 482-A:3,1

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.

**13. 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	/ <input type="checkbox"/> ATF	/ <input type="checkbox"/> ATF
Lake / Pond	/ <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	/ 4 <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
<b>TOTAL</b>	/	/

**14. 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 = \$ \_\_\_\_\_

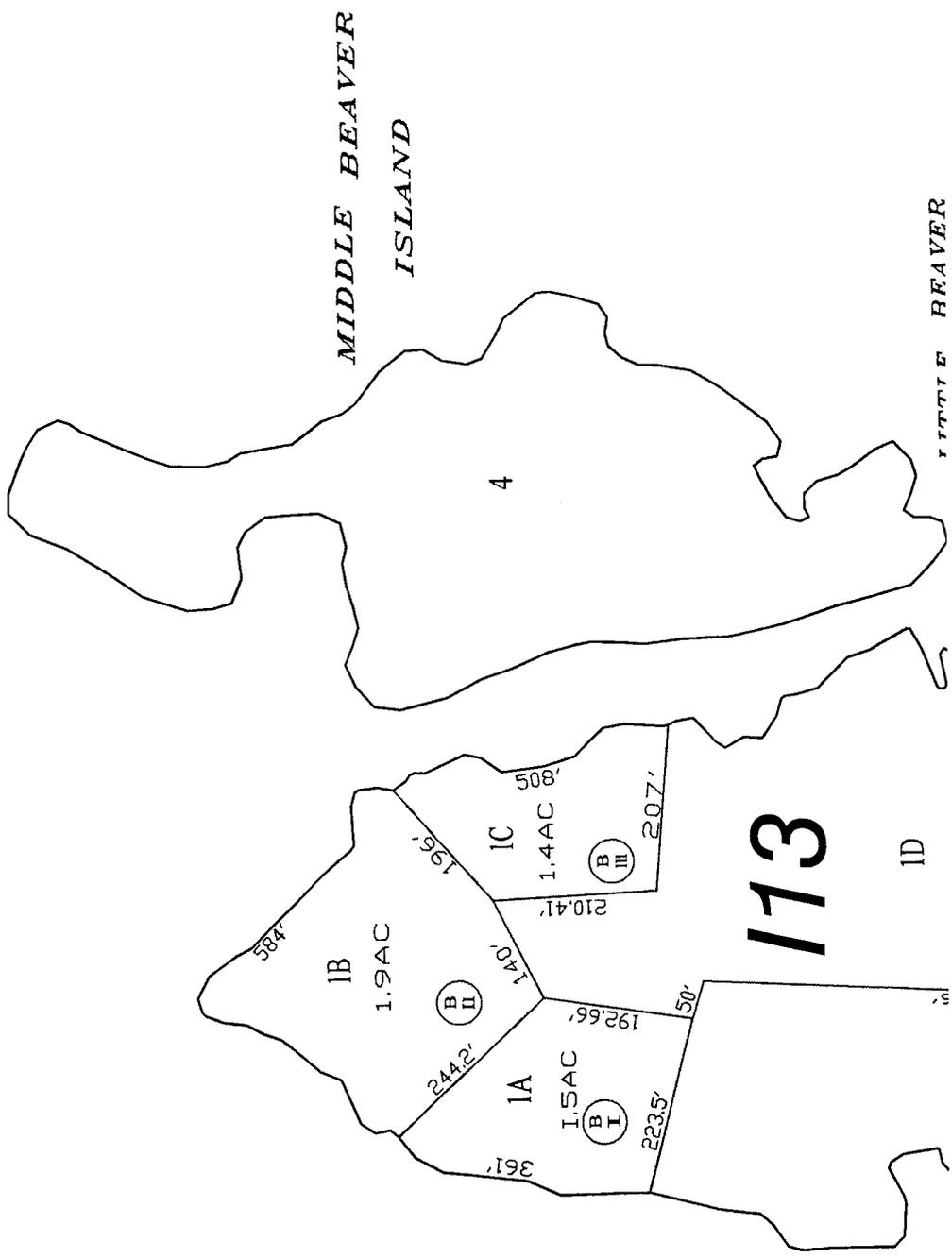
Temporary (seasonal) docking structure: \_\_\_\_\_ sq. ft. X \$1.00 = \$ \_\_\_\_\_

Permanent docking structure: \_\_\_\_\_ sq. ft. X \$2.00 = \$ \_\_\_\_\_

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

Total = \$ \_\_\_\_\_

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





0 ————— 0.75 Mi  
0 ————— 4000 Ft

Map provided by MyTopo.com

**Memo**



To: GEORGE COOK

[REDACTED]  
JEFFERSON, NH 03583

From: Amy Lamb, NH Natural Heritage Bureau

Date: 5/25/2016 (valid for one year from this date)

Re: Review by NH Natural Heritage Bureau

NHB File ID: NHB16-1499

Town: Meredith

Description: Installation of a new seasonal dock

cc: Kim Tuttle

Location: Tax Maps: I-13 /4

As requested, I have searched our database for records of rare species and exemplary natural communities, with the following results:

**Comments: Please contact NH Fish & Game to address wildlife concerns.**

**Vertebrate species**

Common Loon (*Gavia immer*)

State<sup>1</sup> Federal Notes

T --

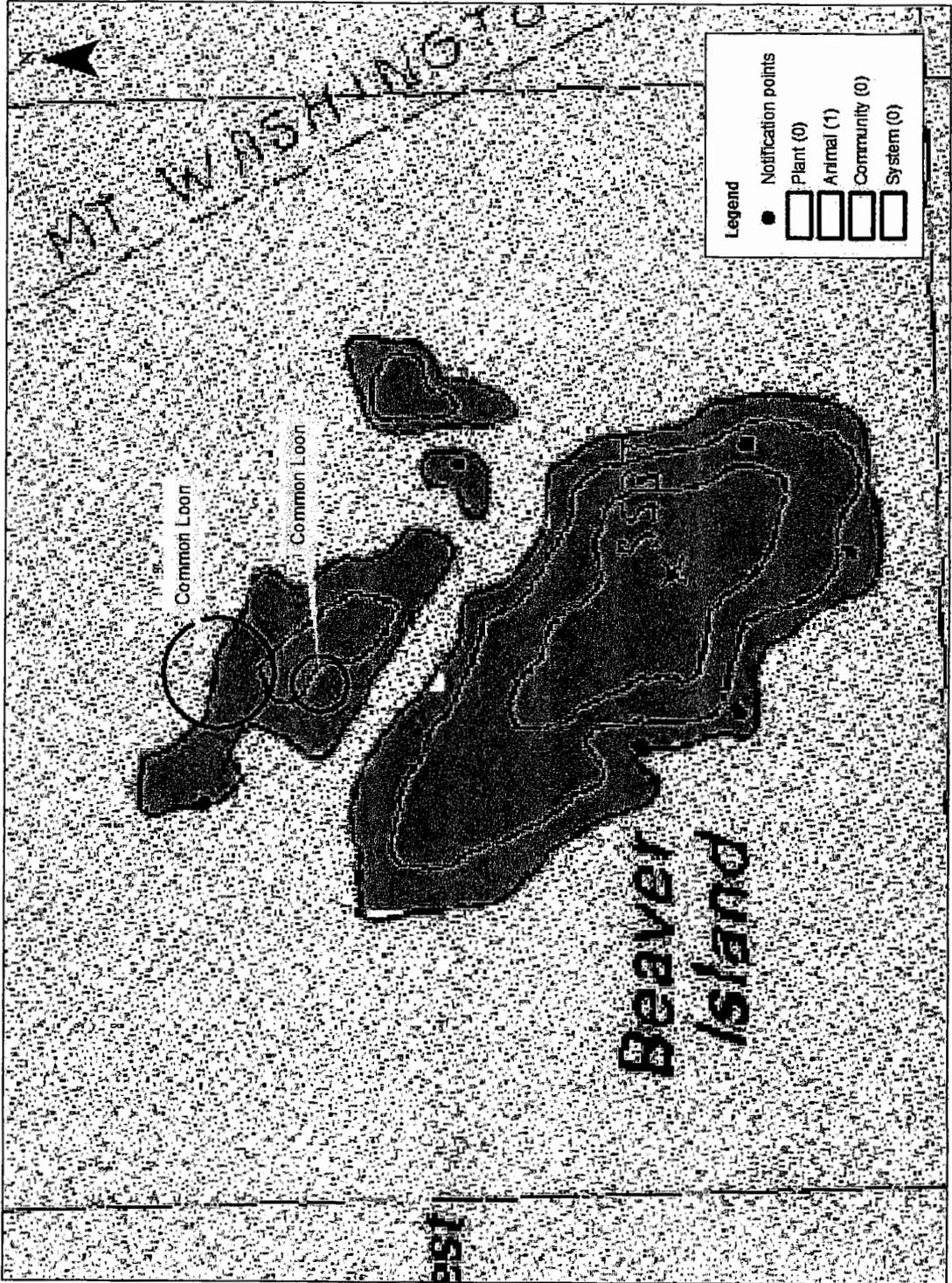
Contact the NH Fish & Game Dept (see below).

<sup>1</sup>Codes: "E" = Endangered, "T" = Threatened, "SC" = Special Concern, "--" = an exemplary natural community, or a rare species tracked by NH Natural Heritage that has not yet been added to the official state list. An asterisk (\*) indicates that the most recent report for that occurrence was more than 20 years ago.

Contact for all animal reviews: Kim Tuttle, NH F&G, (603) 271-6544.

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.

NHB16-1499



0 0.1 0.2 0.3 0.4 0.5 Miles

## New Hampshire Natural Heritage Bureau - Animal Record

### Common Loon (*Gavia immer*)

**Legal Status**

Federal: Not listed  
 State: Listed Threatened

**Conservation Status**

Global: Demonstrably widespread, abundant, and secure  
 State: Not ranked (need more information)

**Description at this Location**

Conservation Rank: Not ranked  
 Comments on Rank:

Detailed Description: 2010: 1 pair, no nest.2009: Nest 2: Nest and eggs present, no chicks hatched.2006: 1 pair, no nest.2005: Nest 1: pair, 1 hatched, 0 survived.2004: pair.2002: 1 adult.

General Area:

General Comments: LPC territory NHT0034.

Management

Comments:

**Location**

Survey Site Name: Winnipisaukee - Beaver Island  
 Managed By:

County: Belknap

Town(s): Meredith

Size: 2.4 acres

Elevation:

Precision: Within (but not necessarily restricted to) the area indicated on the map.

Directions:

**Dates documented**

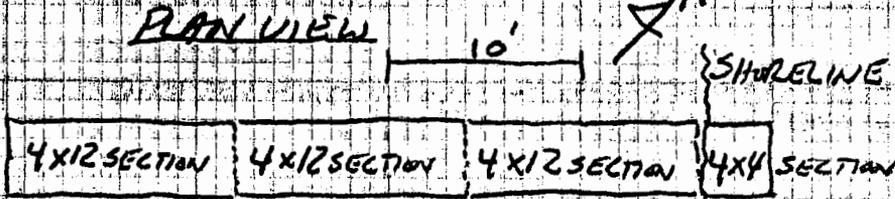
First reported: 2005-06-24

Last reported: 2009

The New Hampshire Fish & Game Department has jurisdiction over rare wildlife in New Hampshire. Please contact them at 11 Hazen Drive, Concord, NH 03301 or at (603) 271-2461.

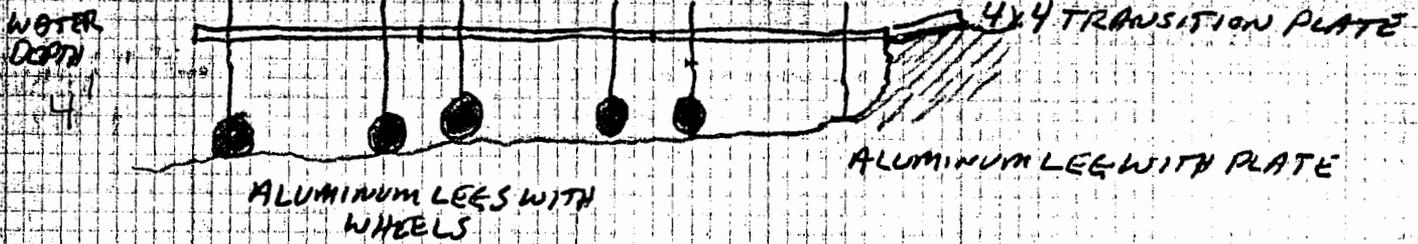
GEORGE W COOK - MIDDLE BEAVER ISLAND

① PROPOSED SEASONAL DOCK - FWM DOCK SECTIONS, ALUMINUM WITH REMOVABLE DECKING



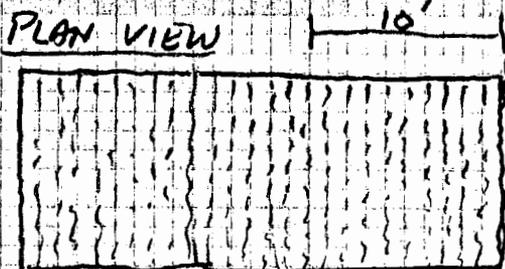
$36 \times 4 = 144$  sf of dock

SIDE VIEW - NOT TO SCALE TO SHOW DETAIL



② EXISTING STRUCTURES IN RELATION TO REFERENCE LINE

① KAYAK PLATFORM - CONSTRUCTED C. 1972



TIMBER CONSTRUCTION, WOOD DECK, ONE CRIB.

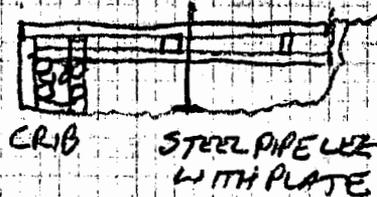
$25' \times 11' = 275$  sf over water

DEPTH OF WATER = 18"

HEIGHT ABOVE WATER = 6"

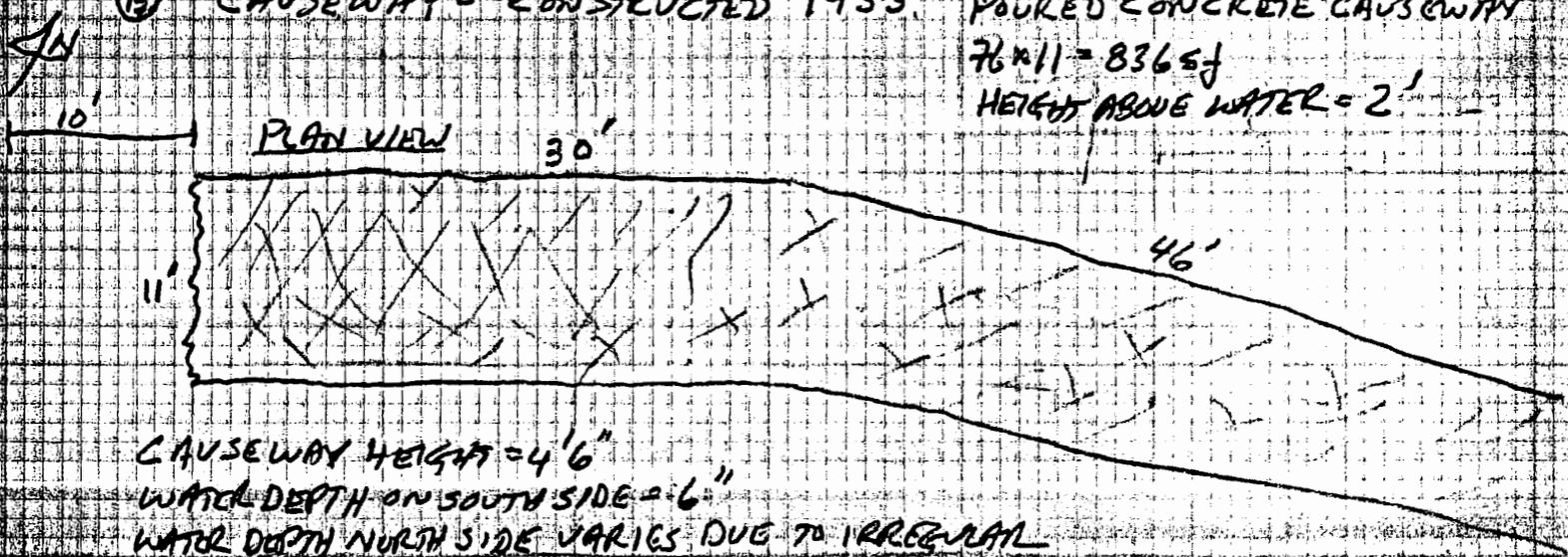
SIDE VIEW - NOT TO SCALE TO SHOW DETAIL

WATER DEPTH 18"



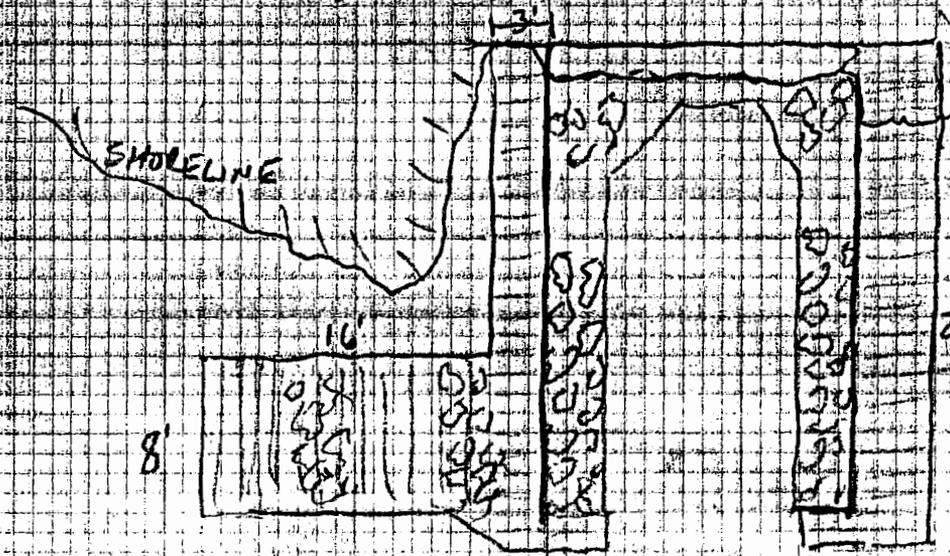
RECEIVED  
AUG 08 2016

② CAUSEWAY - CONSTRUCTED 1955. POURED CONCRETE CAUSEWAY  
 76x11 = 836 sf  
 HEIGHT ABOVE WATER = 2'

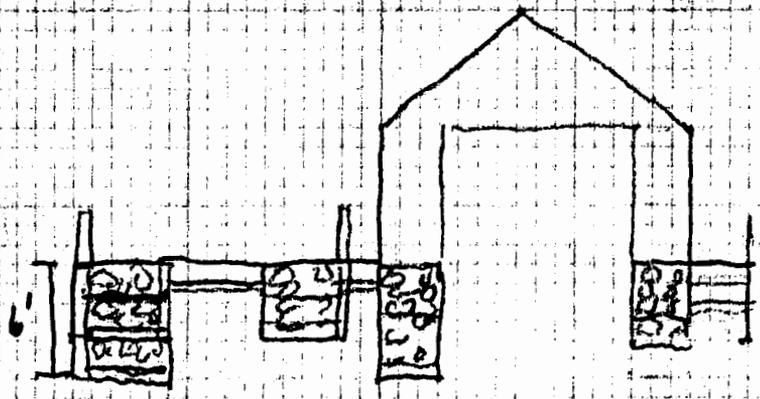
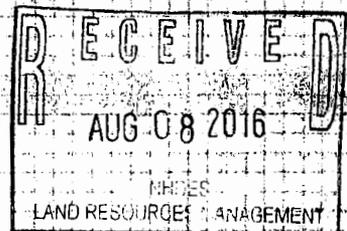


CAUSEWAY HEIGHT = 4'6"  
 WATER DEPTH ON SOUTH SIDE = 6"  
 WATER DEPTH NORTH SIDE VARIES DUE TO IRREGULAR  
 LAKE BOTTOM AND ROCKS - MINIMUM 6" MAXIMUM 30"

③ BOATHOUSE - CONSTRUCTED C. 1930  
 WOOD FRAME BOATHOUSE, WOOD DECKING  
 TIMBER/CRIB FOUNDATION INSIDE BOATHOUSE  
 AND UNDER WEST DOCKING



SHORELINE  
 BOATHOUSE 16'6" x 26'6"  
 = 437 sf  
 NORTH DOCK = 128 sf +  
 51 sf WALKWAY  
 27' WATER DEPTH = 6'  
 SOUTH DOCK = 96 sf over WATER  
 16 sf over LAND  
 WATER DEPTH 0-4' MAX.



DECK HEIGHT ABOVE WATER = 6"  
 [4' MAX, 0 AT SHORE]