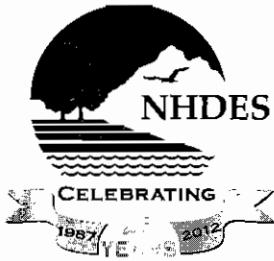


58
Beach

The State of New Hampshire
Department of Environmental Services

Thomas S. Burack, Commissioner



*Celebrating 25 Years of Protecting
 New Hampshire's Environment*

December 14, 2012

Her Excellency, Governor Margaret Wood Hassan
 and The Honorable Council
 State House
 Concord, NH 03301

REQUESTED ACTION

Approve L. Lakehouse LLC's request to perform the following work on Lake Winnepesaukee, in Meredith. File # 2012-01144. This project will not have significant impact on or adversely affect the values of Lake Winnepesaukee.

Dredge 60 cu. yds. from 1,393 sq. ft. of submerged lands to remove accumulated sediment from an existing dug-in boathouse and approach channel, install a dry hydrant intake within the boathouse, install stoplogs in the lakebed across the boathouse entrance and fill 143 sq. ft. to construct a 26 ft. groin to stabilize littoral sediment transport, and restore 900 sq. ft. of beach along 130 linear ft. of shoreline with 32 cu. yds. of the reclaimed sand on an average of 1,622 ft. of frontage along Lake Winnepesaukee.

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

1. All work shall be in accordance with plans by Waterfront Engineers, LLC dated or revised October 11, 2012, as received by the NH Department of Environmental Services (DES) on October 22, 2012.
2. This permit shall not be effective until it has been recorded with the Belknap County Registry of Deeds office by the Permittee. A copy of the recorded permit shall be submitted to the DES Wetlands Bureau prior to construction.
3. Any further alteration of areas on this property that are within the jurisdiction of the DES Wetlands Bureau will require a new application and further permitting by the Bureau.
4. Dewatering of work areas and dredged materials shall be discharged to sediment basins located in uplands and lined with sediment trapping logs or another acceptable sediment trapping liner.
5. All dredged material, with the exception of 32 cu. yds. of sand for beach restoration, shall be placed outside of the areas under the jurisdiction of the DES Wetlands Bureau.
6. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized.
7. 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.
8. This groin is permitted to correct alterations of littoral sediment transport the resulted from the boathouse construction allowed under prior DES permit# 1999-02285. Future maintenance dredging, if needed, shall not be permitted more frequently than once every 6 years and a new permit shall be required for each dredge activity.
9. The owner understands and accepts that if the construction of the groin fails to correct the alteration of littoral sediment transport caused by the construction of the dug-in boathouse the boathouse shall be subject to removal as required by the Specific Conditions of DES permit# 1999-02285.

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

10. No more than 32 cu. yds. of sand may be used to restore the beach area and all portions of the beach area shall be "in the dry" at the time of the restoration.
11. All sand used in the restoration shall be free of silts and fines.
12. This permit shall be used only once, and does not allow for annual beach replenishment.
13. All activities shall be in accordance with the Shoreland Water Quality Protection Act, RSA 483-B. The owner is responsible for obtaining any Shoreland Permit that may be required per RSA 483-B, for construction, excavation or fill that will occur within the Protected Shoreland.

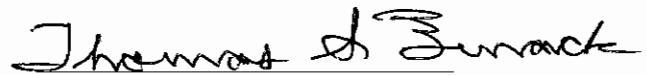
EXPLANATION

The DES Wetlands Bureau approved this project on November 9, 2012. DES supported its decision with the following findings:

1. This project is classified as a major project per Rule Wt 303.02(g), dredge of more than 20 cu. yds. of materials from public waters.
2. The need for the proposed impacts has been demonstrated by the applicant per Env-Wt 302.01.
3. The applicant has provided evidence which demonstrates that this proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction per Env-Wt 302.03.
4. The prior owner of this property supplied data to the Department as part of DES permit# 1999-02285 indicating that the boathouse construction should not have adverse impacts to the movement of currents or sediment along the shoreline.
5. The boathouse construction altered the littoral sediment transport along this section of shoreline resulting in the accumulation of sediment within the boathouse and the erosion of the shoreline to the south.
6. The new owners of the property have submitted evidence that the construction of the proposed groin will restore the normal littoral sediment transport along the affected shoreline.
7. Public hearing is waived with the finding that the project impacts shall restore impacts to the resources of Lake Winnepesaukee.

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.


Thomas S. Burack
Commissioner



THE STATE OF NEW HAMPSHIRE
 DEPARTMENT OF ENVIRONMENTAL SERVICES
 LAND RESOURCES MANAGEMENT
 WETLANDS BUREAU
 29 Hazen Drive, PO Box 95
 Concord, NH 03302-0095



Phone: (603) 271-2147 Fax: (603) 271-6588
 Website: <http://des.nh.gov/organization/divisions/water/wetlands/index.htm>
 Permit Application Status: <http://des.nh.gov/onestop/index.htm>

WETLANDS PERMIT APPLICATION

<p>COMPLETE MAY 9 2012</p>		<p>2012-01044 # 1969 # 818700 (30)</p>
---------------------------------------	--	--

1. REVIEW TIME AND IMPACT TYPE Use Attachment 'A' to determine review time and impact type.

Expedited Review, Minimum Impact Standard Review, Minimum Impact Standard Review, Minor or Major Impact

2. PROJECT LOCATION

ADDRESS: 60 Wagon Wheel Trail TOWN/CITY: Meredith

TAX MAP: U-18 BLOCK: LOT: 13 UNIT:

LOCATION COORDINATES: E1033312 N421087 (feet) Latitude/Longitude UTM State Plane

3. PROPERTY OWNER INFORMATION

NAME: L Lakehouse LLC

EMAIL or FAX: PHONE:

MAILING ADDRESS: [REDACTED]

TOWN/CITY: Riverside STATE: CT ZIP CODE: 06878

4. APPLICANT INFORMATION

NAME: L Lakehouse LLC

EMAIL or FAX: [REDACTED] PHONE: [REDACTED]

MAILING ADDRESS: [REDACTED]

TOWN/CITY: Riverside STATE: CT ZIP CODE: 06878

5. AGENT INFORMATION

NAME: Duncan Mellor, PE COMPANY NAME: Waterfront Engineers LLC

EMAIL or FAX: dmellor@waterfrontengineers.com PHONE: 603-772-3706

MAILING ADDRESS: 3 Linda Lane

TOWN/CITY: Stratham STATE: NH ZIP CODE: 03885

6. CHECK BOX TO INDICATE APPLICABLE PROJECT TYPES

- | | |
|--|--|
| <input checked="" type="checkbox"/> Excluding culverts and bridges, all work in the bed or bank of a lake/pond of which the property owner(s) listed on page 1 do NOT own the entire bed and banks of the lake/pond.

<input type="checkbox"/> Dock construction, maintenance, repair or replacement on a RIVER. | <input type="checkbox"/> Work in a wetland, stream, river (excluding docks on rivers), prime wetland, prime wetland buffer, tidal water, salt marsh, sand dune, tidal buffer zone or in a pond of which the entire bed and banks are owned by the property owner(s) listed on page 1.

<input type="checkbox"/> All culvert and bridge construction, maintenance, repair or replacement. |
|--|--|

7. PROJECT DESCRIPTION

. This project involves maintenance dredging and construction of a stone groin to resolve a sand transport problem at a pocket beach on the eastern shore of Meredith Bay in Meredith See attached project narrative for additional details.

NOV - 7 - 2012

8. INDICATE AREA OF PROPOSED IMPACTS FOR EACH RESOURCE

Resource:	Permanent Sq. FL	Permanent Lin. Ft.	Temporary Sq. FL	Temporary Lin. Ft.	After-the-fact Sq. FL	After-the-fact Lin. Ft.
Forested wetland		-		-		-
Scrub-shrub wetland		-		-		-
Emergent wetland		-		-		-
Wet meadow		-		-		-
Bog		-		-		-
Prime wetland		-		-		-
Prime wetland buffer		-		-		-
Docking structure		-		-		-
Tidal Buffer Zone		-		-		-
Tidal water		-		-		-
Salt Marsh		-		-		-
Sand dune		-		-		-
Intermittent Stream						
Perennial Stream						
River						
Lake	156	26	1435	42		
Pond						
Other						
Total	156	26	1435	42		

9-13. IF APPLICABLE, PROVIDE:

9. Cubic yards of proposed sand for beach replenishment:

10. Cubic yards of proposed dredge material for surface water dredge: **41**

11. Contributing watershed size(s) of impacted stream(s) and river(s) (acres or square miles):

12. U. S. Geological Survey Topographic Map Waterbody name: **Lake Winnepesaukee**

13. ONLY Required for docking structures	(a)	(b)	(a) + (b) / 2 =
	Straight line distance pin to pin (lin. ft.)	Actual natural navigable shoreline pin to pin (lin. ft.)	Shoreline Frontage (lin. ft.):

14. APPLICATION FEE:

Minimum Impact, Expedited Review Application: Flat fee of \$ 200

- OR -

Minimum, Minor or Major Impact, Standard Review Application: Complete calculation below

Total temporary and permanent impacts:	1591 sq. ft.	X \$0.20 =	318
Temporary Docking Structure:	sq. ft.	X \$1.00 =	
Permanent Docking Structure:	sq. ft.	X \$2.00 =	
Projects proposing shoreline structures add \$200 or NA =			200
Total =			518
The Application Fee is above calculated Total or \$200, whichever is greater =			518

15. INDICATE RELATED FILE / APPROVAL NO. AND STATUS:

Existing Wetlands Bureau file no. this application is replacing:

Wetlands Bureau enforcement (subject and abutting properties):

Wetlands Bureau emergency authorization (subject property):

Wetlands Bureau denials (subject and abutting properties):

Wetlands Bureau withdrawals (subject and abutting properties): - 7

Wetlands Bureau approvals (subject and abutting properties): **1999-903; 1999-02285**

Shoreland Program waiver or permit: **2011-01094**

Alteration of Terrain Bureau: **2011-0276**

Watershed Management Program:

Subsurface Systems Bureau:

Other NHDES Programs and Bureaus:

City/Town:

State Agencies:

Federal Agencies:

Link to all NHDES Programs, Bureaus and Units: <http://des.nh.gov/programs/index.htm>

16. THE SUBMITTED APPLICATION WILL BE RETURNED TO YOU IF THE FOLLOWING INFORMATION IS NOT PROVIDED:

- A. Attach application fee, check or money order payable to the NH DES Wetlands Bureau (RSA 482-A:3,I & Env-Wt 505.01(c))
- B. Applicant and Town Clerk signatures, numbers 19 and 23 on pages 5 and 6 of this form (Env-Wt 501.01(d)&(e) & 505.01(m)&(o))
- C. Narrative description of the proposed project, number 7 on page 2 of this form (Env-Wt 501.02(a) & 505.01(l))
- D. Documentation from Department of Resources and Economic Development's Natural Heritage Bureau (NHB) indicating that NHB has reviewed your project. Documentation can be obtained online at: <https://www2.des.state.nh.us/nhbdatacheck/> or by phone (603) 271-2215 x 323. Please attach the REQUIRED letter/memo and map provided by NHB.
- E. Attach a U. S. Geological Survey topographic map upon which the property lines and project limits have been outlined. The map must be at an unaltered scale of 1:24,000 or 1" = 2,000 feet (1:25,000 metric map). (Env-Wt 501.02(a)(4) & 505.01(g))
- F. Attach a legible copy or tracing of the tax map from the municipal office (Env-Wt 501.02(a)(1)& 505.01(e))
- G. Attach legible and labeled color photographs clearly depicting the jurisdictional areas to be impacted, the resource outside of impact area, any shoreline structures and culvert inlet/outlets (Env-Wt 501.02(a)(3) & 505.01(i))
- H. Attach overview, cross-section and profile plans as applicable (Env-Wt 501.02(a)(2) & 505.01(h))

17A. INFORMATION REQUIRED FOR COMPLETION OF TECHNICAL REVIEW FOR ALL PROJECTS:

- A. Is the project within a ¼ mile of a designated river? <http://des.nh.gov/organization/divisions/water/wmb/rivers/designriv.htm>
 - Y N. If yes: 1. Indicate river: _____
 - 2. As required by RSA 482-A:3,I(d)(2), I have notified the Local River Advisory Committee (<http://des.nh.gov/organization/divisions/water/wmb/rivers/lac/index.htm>) by sending a copy of the complete application and supporting materials via certified mail on: Day: ___ Month: ___ Year: ___
 - 3. Attach a copy of the certified mail receipt with your application submittal (RSA 482-A:3,I(d)(2))
- B. Attach a completed U.S. Army Corps of Engineers New Hampshire Programmatic General Permit (PGP) Appendix B – Required Information and Corps Secondary Impact Checklist (Attachment B).
- C. Does the project require compensatory mitigation pursuant to Env-Wt 302.03? Y N
If yes, attach materials outlined in AND a completed Mitigation Agreement Form (Env-Wt 501.02(a)(6) & 501.06)
Link: http://des.nh.gov/organization/commissioner/pip/forms/wetlands/documents/mitigation_form.doc
- D. Attach a copy or tracing of the town tax map showing the property of the applicant, the location of the proposed project on the property, and the location of properties of abutters with each lot labeled with the abutter's name(s) and mailing address(es); or a list of abutters' names and mailing addresses to cross-reference with the tax map (Env-Wt 501.02(a)(1)& 505.01(f)). Abutter Notification Exceptions see Env-Wt 501.01(c)
- E. Attach a construction sequence (Env-Wt 501.02(a)(5) & 505.01) - 7
- F. Is/are (a) waiver(s) to wetland rules being requested? Y N If yes, attach the waiver request(s) as outlined in Env-Wt 204
- G. All stream/river crossing projects, attach a response to Env-Wt 904.01, General Design Considerations (except single family residential access for Tier 1 and Tier 2 crossings pursuant to Env-Wt 303.04(z) & 901.03(e))
- H. If the applicant is not the property owner, attach a written letter of permission from the property owner granting the applicant permission to act on their behalf
- I. Will impacts occur within 20 feet of an abutting property line or imaginary extension thereof over surface water? Y N
If yes, attach the signed permission letter(s) from the affected abutters (Env-Wt 304.04). This letter must be notarized if your project is a boat docking facility (RSA 482-A:3-XIII(c))

17B. INFORMATION REQUIRED FOR COMPLETION OF TECHNICAL REVIEW FOR MINIMUM IMPACT PROJECTS:

- J. Refer to Attachment A: Determination for Project Impact Classification & Review Time, Section 2: Minimum Impact Project Requirements, and indicate the letter for the Minimum Impact rule that describes your project: **Env-Wt 303.04** ____
- K. Attach required pages from Attachment A: Determination for Project Impact Classification & Review Time, as instructed on the attachment.
- L. Attach a statement demonstrating need for the proposed project (Pursuant to Env-Wt 302.03)
- M. Attach a statement demonstrating that the proposal is the alternative with the least adverse impact to areas and environments under the department's jurisdiction in accordance with Env-Wt 302.03. (Env-Wt 505.01(d)&(y)).

17C. INFORMATION REQUIRED FOR COMPLETION OF TECHNICAL REVIEW FOR MINOR AND MAJOR IMPACT PROJECTS:


- N. Attach a response to questions outlined in Env-Wt 302.04(a)
- O. Attach a vernal pool survey and report (Env-Wt 302.04(a)) **not applicable, work in lake bed**
- P. If a wetland delineation is required, provide a NH Certified Wetland Scientist Stamp on attached plans (Env-Wt 301.01)

18. SEE LISTED WETLAND RULE(S) FOR APPLICABLE PROJECT TYPE(S) PLAN REQUIREMENTS:	
<input type="checkbox"/> Minimum	Env-Wt 505.01
<input type="checkbox"/> Minor and Major	Env-Wt 501.02
<input type="checkbox"/> Subdivision	Env-Wt 304.09(c)
<input type="checkbox"/> Vegetative & riprap bank stabilization (river, stream, lake, pond)	Env-Wt 404.03 & 404.04
<input type="checkbox"/> Retaining Walls	Env-Wt 404.05
<input type="checkbox"/> Shoreline	Env-Wt 501.02(c)
<input type="checkbox"/> Tidal	Env-Wt 501.02(b)
<input type="checkbox"/> Protected Shoreland (SWQP)	Env-Wt 501.02(d)
<input type="checkbox"/> New Tier 1 Stream Crossing (Exempt: Env-Wt 303.04(z))	Env-Wt 903.03(a) & 904.01
<input type="checkbox"/> Tier 1 stream crossing or replacement	Env-Wt 903.03(a) & 904.01
<input type="checkbox"/> New Tier 2 stream crossing (Exempt: Env-Wt 303.04(z))	Env-Wt 903.03(a), 904.01, 904.03 (e), 904.03(f)
<input type="checkbox"/> Tier 2 stream crossing repair or replacement	Env-Wt 903.03(a), 904.01, 904.03 (e), 904.03(f)
<input type="checkbox"/> All Tier 3 Stream Crossings	Env-Wt 903.03 (a) & (b) , 904.01, 904.04(d), 904.04(g), 904.05
Wetland Rules Link: http://des.nh.gov/organization/commissioner/legal/rules/documents/env-wt100-900.pdf	

19. APPLICANT AND AGENT SIGNATURES REQUIRED FOR ALL APPLICATIONS:

By signing the application, I am certifying that:

1. All abutters have been identified in accordance with RSA 482-A:3, I and Env-Wt 100-900.
2. I have read and provided the required information outlined in Env-Wt 302.04 for the applicable project type.
3. I have read and understand Env-Wt 302.03 and have chosen the least impacting alternative.
4. 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 101.44.
5. I have submitted a copy of the application materials to the NH State Historic Preservation Officer.
6. I authorize the municipal conservation commission to inspect the site of the proposed project.
7. I have reviewed the information being submitted and that to the best of my knowledge the information is true and accurate.
8. 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.
9. I am aware that the work I am proposing may require additional state, local or federal permits.
10. The mailing addresses I have provided are up to date and appropriate for receipt of DES correspondence. DES will not forward returned mail.

Signature of Applicant	Print name legibly	Date
	DUNCAN MELLOR, PE	5-2-12
Signature of Authorized Agent (if applicable)	Print name legibly	Date

20. ELECTRONIC COMMUNICATION:

By initialing here, I the applicant or authorized agent in accordance with RSA 482-A:3, XIV (b), hereby authorize DES to communicate all matters relative to this application electronically with the individual's email addresses provided on pg. 1 of the application:

DM

21. CONSERVATION COMMISSION SIGNATURE REQUIRED FOR EXPEDITED APPLICATIONS ONLY:

Expedited Applications ONLY require that the Conservation Commission signature is obtained prior to submitting the final application to the Town/City Clerk for signature and mailing to the NHDES Wetlands Bureau. *The Conservation Commission is not required to sign. If the Conservation Commission does not sign this statement for any reason, then the application is not eligible for expedited review and shall be reviewed in the standard review time.*

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.

Authorized Commission Signature

Print name legibly

Date

22. APPLICATION SUBMITTAL:

APPLICANT:

1. If sought, obtain the Conservation Commission's signature as outlined above on this page, no. 21;
2. Submit the original application form and materials, four copies, application fee check and any required municipal fees (authorized by RSA 482-A:3,1) to the town/city clerk.

TOWN/CITY CLERK:

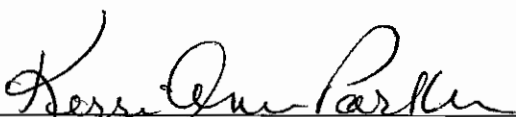
Per RSA 482-A:3,1(d):

1. Collect from the applicant the postal receipts demonstrating that all abutters and the Local Advisory Committee were sent proper notice;
2. Immediately sign the original application and four copies in the signature space provided on this pg. no. 23 below;
3. Retain one copy of the application form and all attachments that will remain with the town/city clerk and will be made reasonably accessible to the public;
4. Immediately distribute a copy of the application with attachments to the municipal Conservation Commission, the local governing body (Board of Selectmen or Town/City Council), and the Planning Board in accordance with RSA 482-A:3, 1; and
5. IMMEDIATELY send the original application materials and filing fee, by CERTIFIED MAIL to the NHDES Wetlands Bureau at the address indicated on the front of this application.

23. TOWN/CITY CLERK SIGNATURE REQUIRED FOR ALL APPLICATIONS

I hereby certify that the applicant has filed five application forms, five detailed plans, and five USGS location maps with the town/city indicated below. As required by Chapter 482-A:3 (amended 1991), and I have received and retained certified postal receipts (or copies) for all abutters identified by the applicant.


Town/City


Signature or Town/City Clerk

Kerri A. PARKER
Print name legibly

5/3/2012
Date

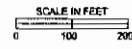
PROPERTY MAP
MEREDITH
 NEW HAMPSHIRE



LEGEND

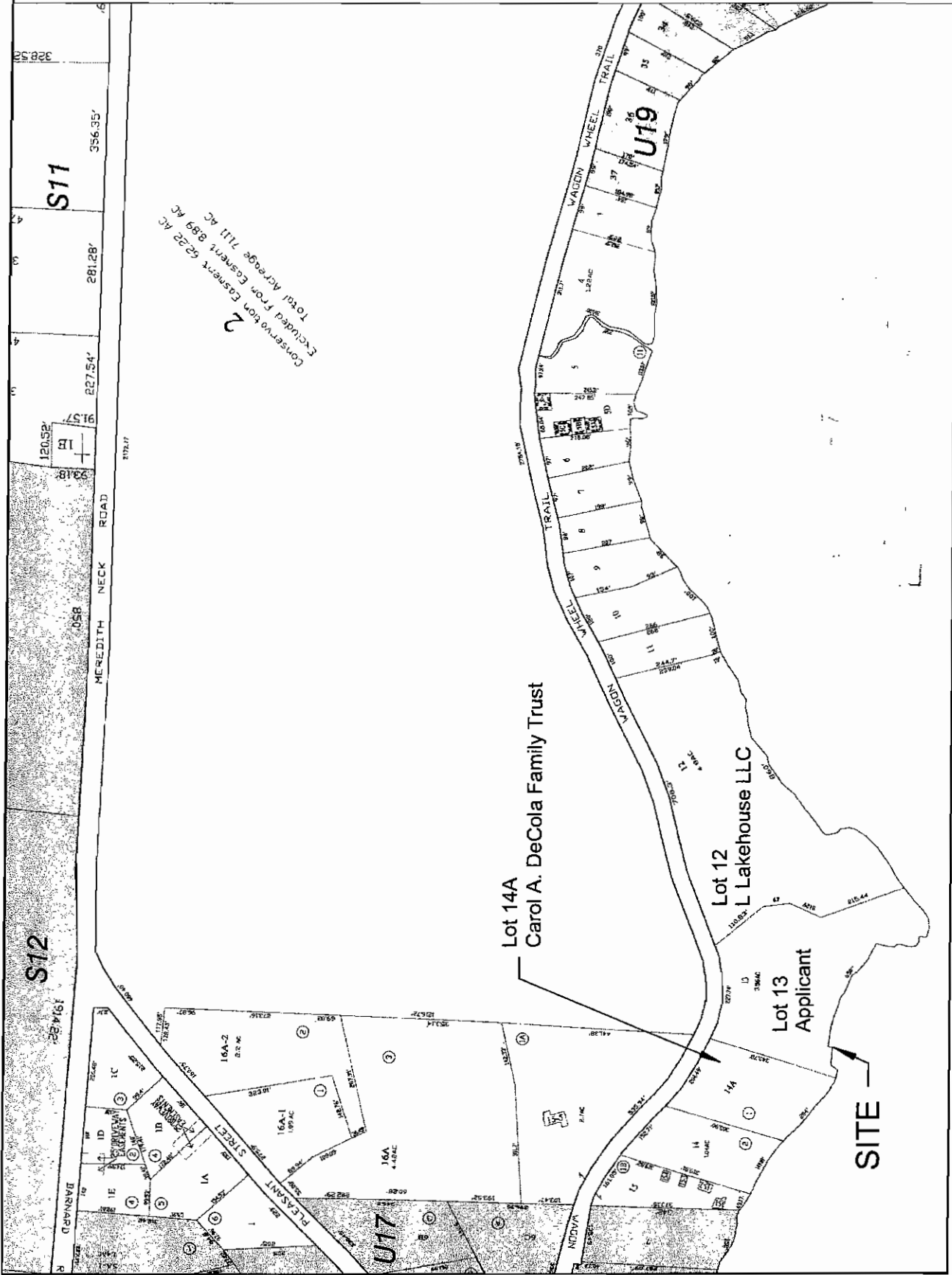
ADJUTING MAP No. **R17** 10' ENCLOSURE 10K
 PARCEL NUMBER **74** PROPERTY ACCESS
 SUBDIVISION LOT NO. ② 30' SETBACK
 STREET ADDRESS ③ 4' SETBACK

KEYWORD TO APRIL 2021
 ALL INFORMATION IS FOR INFORMATION ONLY
 NOT FOR FINANCIAL OR LEGAL PURPOSES



John E. O'Donnell & Associates
 632 Bald Hill Road
 New Gloucester, Maine 04260

U18





New Hampshire Natural Heritage Bureau

To: Duncan Mellor
3 Linda Lane
Stratham, NH 03885

Date: 4/19/2012

From: NH Natural Heritage Bureau

Re: Review by NH Natural Heritage Bureau of request dated 4/19/2012
NHB File ID: NHB12-0875

Applicant: Duncan Mellor

Location: Tax Map(s)/Lot(s): U-18, lot 13
Meredith

Project Description: install stone groin at existing excavated boathouse inlet
and maintenance dredge at boathouse

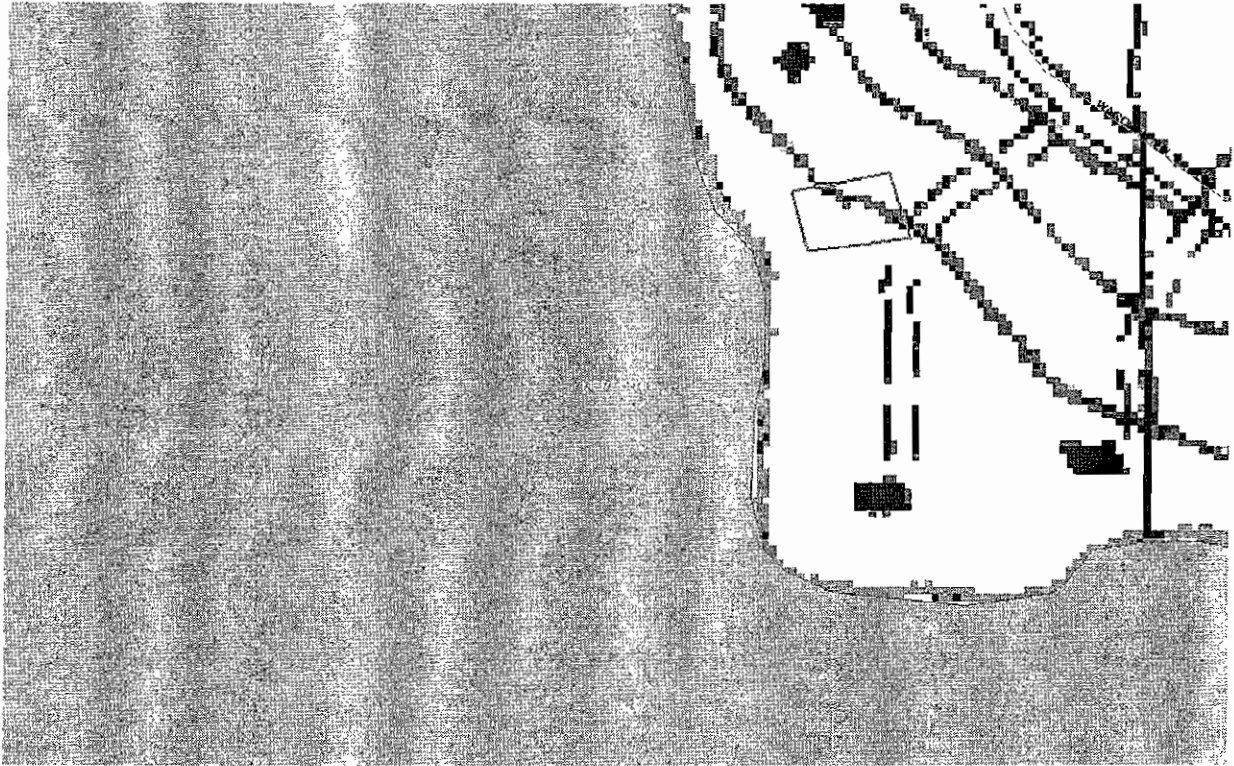
The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded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

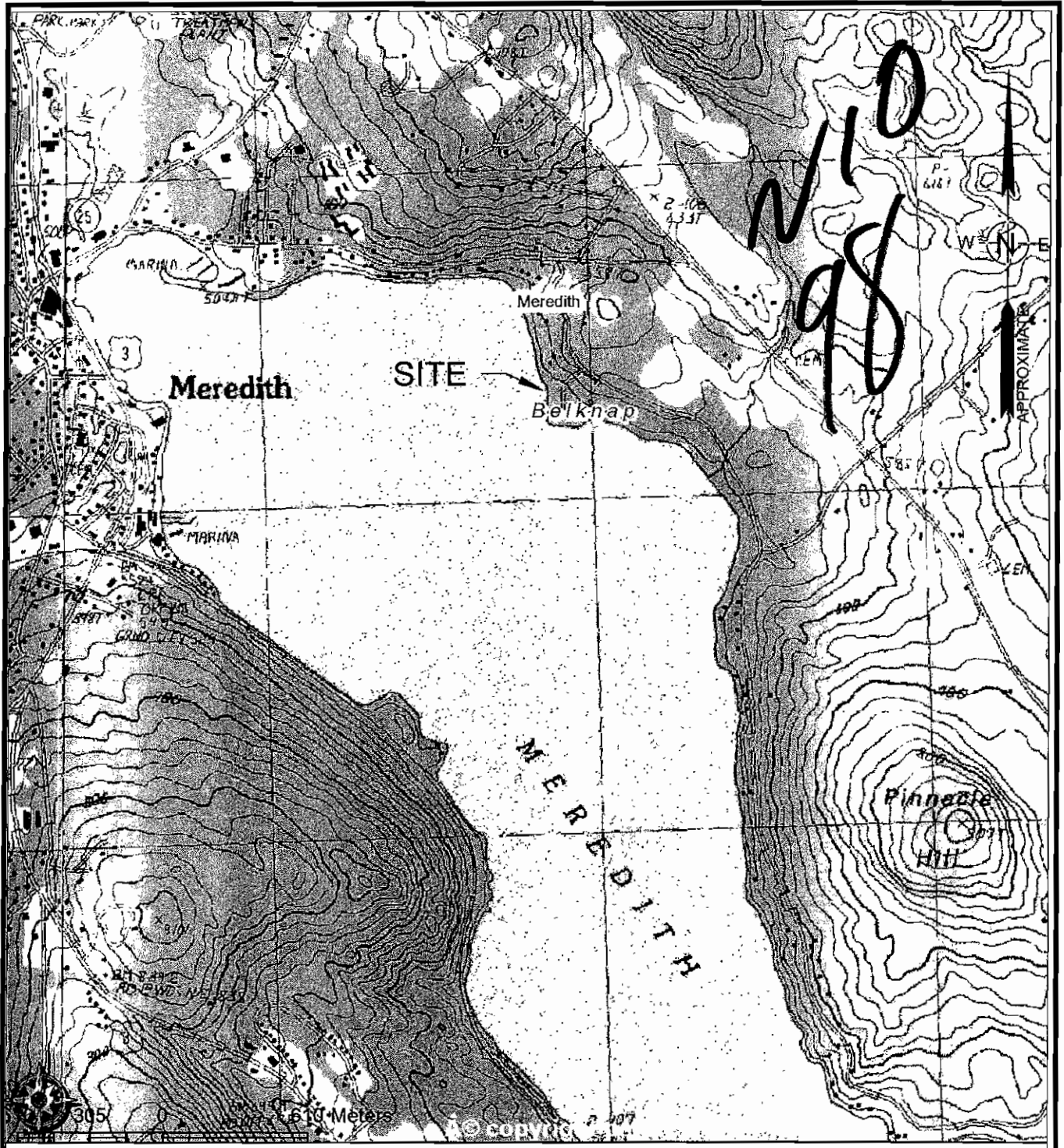
A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

This report is valid through 4/18/2013.

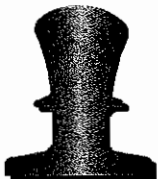


MAP OF PROJECT BOUNDARIES FOR NHB FILE ID: NHB12-0875





**WATERFRONT ENGINEERS
LLC**



3 LINDA LANE
STRATHAM, NH 03885
(603) 772-3706

www.waterfrontengineers.com

**GROIN & MAINTENANCE
DREDGING**

MEREDITH
NEW HAMPSHIRE
BELKNAP COUNTY
LAKE WINNIPESAUKEE

OWNER:
L LAKEHOUSE LLC

60 WAGON WHEEL TRAIL
MEREDITH, NH

APRIL 19, 2012

SHEET 1

DEPARTMENT OF ENVIRONMENTAL SERVICES
WETLANDS BUREAU
DREDGE & FILL PERMIT APPLICATION

L Lakehouse LLC
Tax Map U-18 Lot 13
Meredith, NH

Abutter's List

<u>Map</u>	<u>Lot</u>	<u>LotOwner</u>
Owner of Record:		
U-18	13	L Lakehouse, LLC c/o Pecora Brothers, Inc [REDACTED] Riverside, CT 06878

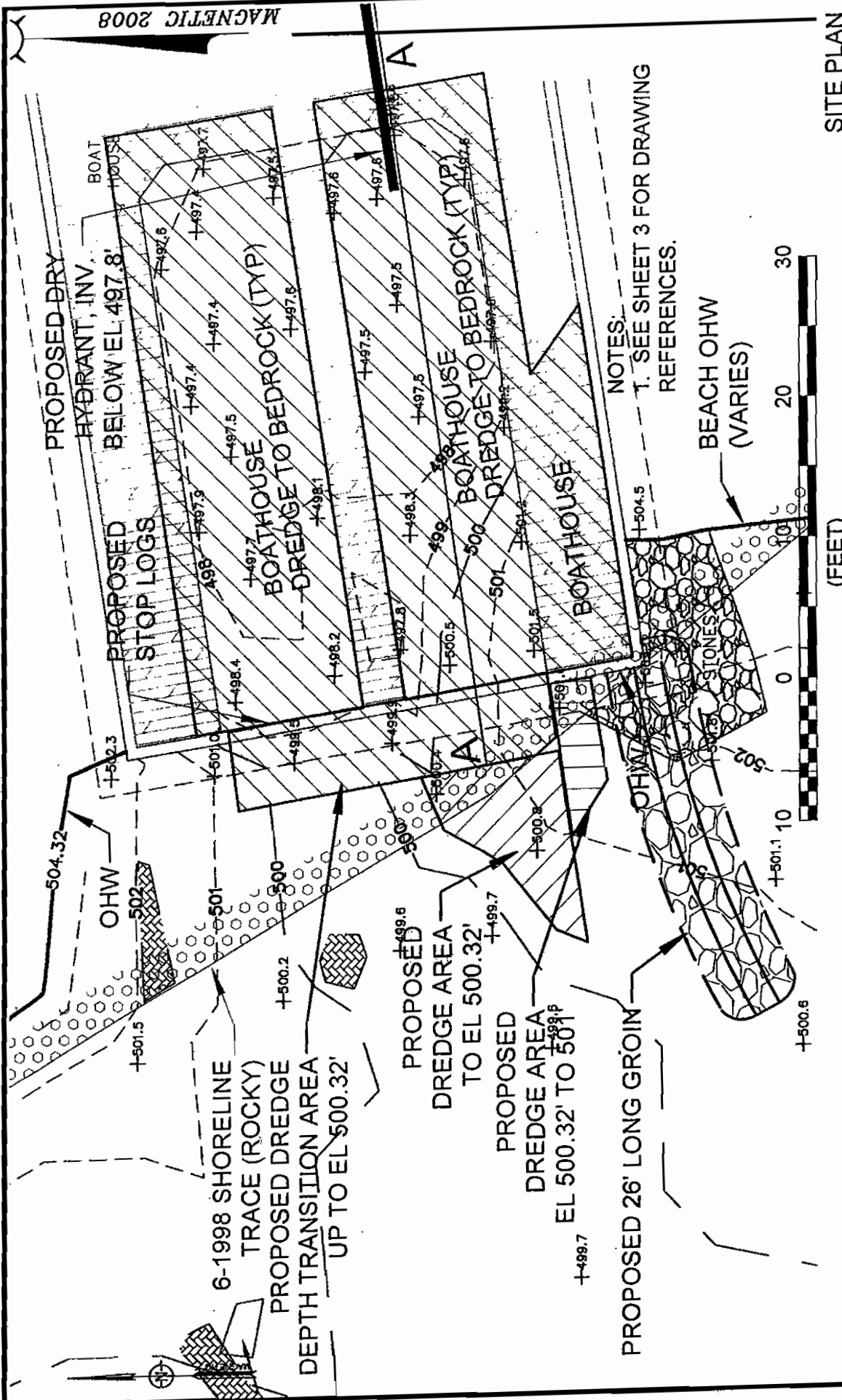
Agent: Duncan Mellor, PE
[REDACTED]
Stratham, NH 03885

Abutters:		
U-18	12	L Lakehouse, LLC c/o Pecora Brothers, Inc [REDACTED] Riverside, CT 06878

U-18	14A	Carol A. DeCola Family Trust [REDACTED] [REDACTED] Bedford, NH 03110
------	-----	---

4/25/2012

MA - 7



SITE PLAN

NOTES:
T. SEE SHEET 3 FOR DRAWING REFERENCES.

1. PROPOSED STOP LOGS ARE TWO STACKED 6X12 TIMBERS FASTENED AT THE BOTTOM OF ENTRANCES TO CONTROL SAND ENTRY BELOW EL 498.5'

2. DRY HYDRANT IS 8" DIA. SCREENED INTAKE PER FIRE PROT. REQMTS.

WATERFRONT ENGINEERS LLC

3 LINDA LANE
STRATHAM, NH 03885
(603) 772-3706
www.waterfrontengineers.com

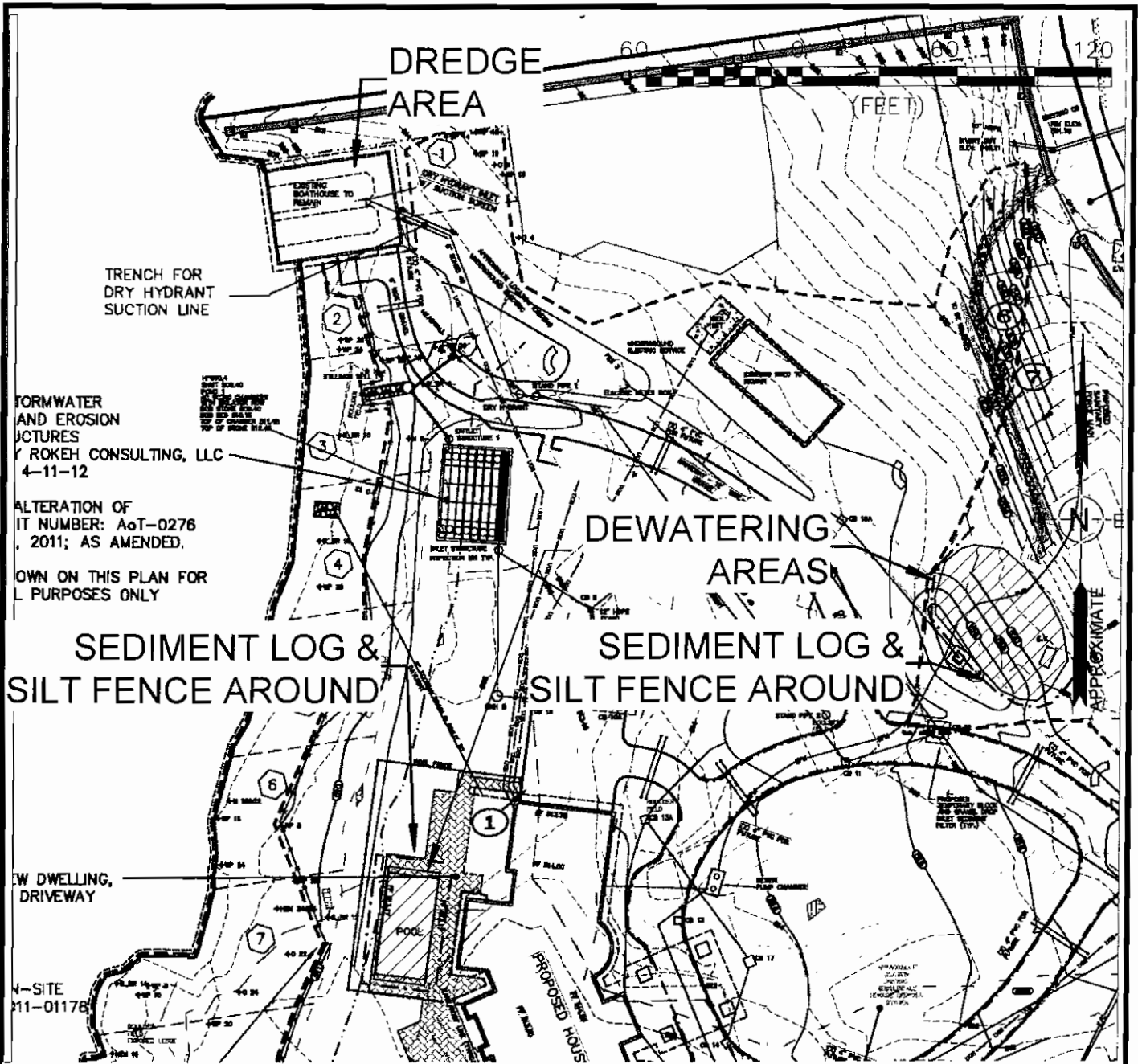
GROIN & MAINTENANCE DREDGING

MEREDITH
NEW HAMPSHIRE
BELKNAP COUNTY
LAKE WINNIPESAUKEE

OWNER:
L LAKEHOUSE LLC

60 WAGON WHEEL TRAIL
MEREDITH, NH
APRIL 19, 2012
REV. OCT. 11, 2012

SHEET 4



NOTES:
 1. REFERENCE BASE PLAN IS "SHORELAND PERMIT APPLIC. AMENDMENT" BY DOLAN ASSOCIATES, FILE 2011-01094, SHT 1, DATED 16 MAY, 2012.

DEWATERING PLAN

Waterfront Engineers LLC



3 LINDA LANE
 STRATHAM, NH 03885
 (603) 772-3706
www.waterfrontengineers.com

GROIN & MAINTENANCE DREDGING

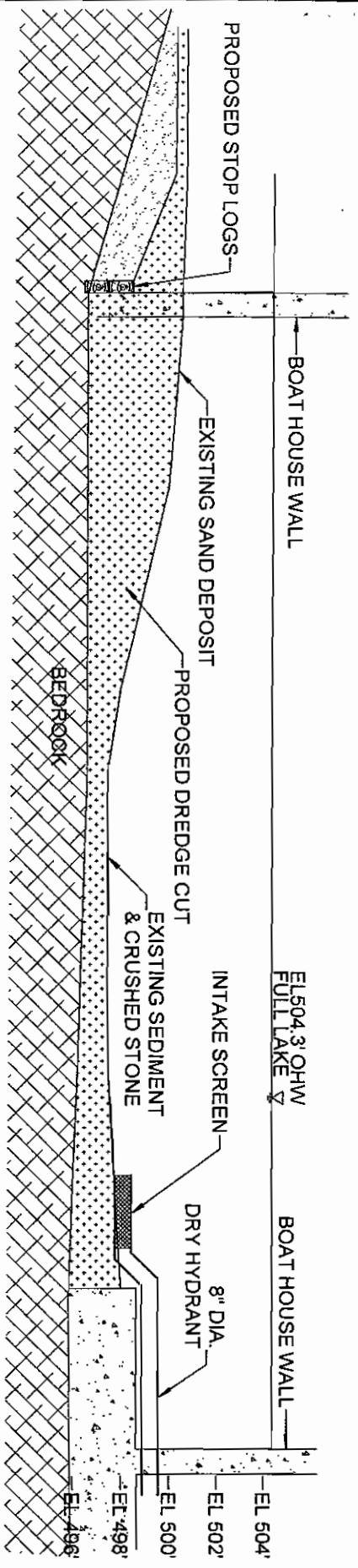
MEREDITH
 NEW HAMPSHIRE
 BELKNAP COUNTY
 LAKE WINNIPESAUKEE

OWNER:
 L LAKEHOUSE LLC

60 WAGON WHEEL TRAIL
 MEREDITH, NH

OCT. 11, 2012

SHEET 7



- NOTES:
1. BEDROCK ILLUSTRATION IS APPROXIMATE AND IS BASED ON LIMITED SEDIMENT PROBES AND THE ACTUAL BEDROCK PROFILE MAY VARY.
 2. CLEAN SAND NEAR THE BOATHOUSE ENTRANCE TO BE USED AS BEACH NOURISHMENT WILL BE REMOVED FIRST, TO BE FOLLOWED BY REMOVAL OF THE REMAINING SEDIMENT WHICH WILL BE DEWATERED UPLAND ON SITE.
 3. FINAL DETAILS OF FIRE PROTECTION DRY HYDRANT WILL BE AS REQUIRED BY THE TOWN OF MEREDITH FIRE DEPARTMENT.



1. PROPOSED STOP LOGS ARE TWO STACKED 6X12 TIMBERS FASTENED AT THE BOTTOM OF ENTRANCES TO CONTROL SAND ENTRY BELOW EL 498.5'
2. DRY HYDRANT IS 8" DIA. SCREENED INTAKE PER FIRE PROT. REQMTS.

WATERFRONT ENGINEERS LLC

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 STRATHAM, NH 03985
 (603) 772-3708
www.waterfrontengineers.com

GROIN & MAINTENANCE DREDGING

MEREDITH
 NEW HAMPSHIRE
 BELKNAP COUNTY
 LAKE WINNIPESAUKEE

BOATHOUSE SECTION

OWNER:
 L LAKEHOUSE LLC
 80 WAGON WHEEL TRAIL
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SHEET 6