



The State of New Hampshire

Department of Environmental Services



Robert R. Scott, Commissioner

November 23, 2017

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

REQUESTED ACTION

Approve Sierra Homes Inc.'s request to perform the following work on Merrimack River, in Hooksett. File # 2016-02989. This project will not have significant impact on or adversely affect the values of Merrimack River.

Construct two dock facilities each consisting of two 6 ft. x 22 ft. piers connected by a 6 ft. x 20 ft. walkway in a "U" shaped configuration accessed by a 6 ft. x 20 ft. walkway anchored to a 4 ft. x 7 ft. concrete pad, and one "L" shaped facility consisting of a 6 ft. x 24 ft. seasonal wharf accessed by a 6 ft. x 24 ft. pier anchored by a 7 ft. x 4 ft. concrete anchor pad, replant 900 ft. of disturbed frontage, and stabilize 500 linear ft. of erosional areas along the frontage with a combination of coir logs and replanting, on an average of 3,818 ft. of shoreline frontage along the Merrimack River, in Hooksett.

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

1. All work shall be in accordance with plans by McCourt Engineering Associates dated September 6, 2017, as received by NHDES on September 29, 2017.
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 N.H. Code of Administrative Rules Env-Wq 1400 during and after construction.
4. This permit does not authorize the removal of trees or saplings within the waterfront buffer that would result in a tree and sapling point score below the minimum required per RSA 483-B:9, V, (a)(2)(D)(iv).
5. Work authorized shall be carried out such that there are no discharges in or to spawning or nursery areas during spawning seasons. Impacts to such areas shall be avoided or minimized to the maximum extent practicable during all other times of the year.
6. Work shall be carried out in a time and manner to avoid disturbances to migratory waterfowl breeding and nesting areas.
7. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain in place until the area is stabilized. Temporary controls shall be removed once the area has been stabilized.
8. 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.

www.des.nh.gov

29 Hazen Drive • PO Box 95 • Concord, NH 03302-0095
(603) 271-3503 • Fax: 271-7894 TDD Access: Relay NH 1-800-735-2964

9. All excavated material and construction-related debris shall be placed outside of the areas subject to RSA 482-A. Any spoil material deposited within 250 ft. of any surface water shall comply with RSA-483-B.
10. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
11. 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.
12. Only those structures shown on the approved plans shall be installed or constructed along this frontage. All portions of the structures shall be at least 20 ft. from the abutting property lines or the imaginary extension of those lines into the water.
13. No portion of the piers shall extend more than 42 ft. from the shoreline from the ordinary high water mark.
14. All seasonal structures shall be removed for the non-boating season.
15. The concrete pads shall not exceed 7 ft. in width.
16. The shoreline bank restoration shall only occur in those areas as noted on the approved plans. No other areas may be impacted without prior approval of NHDES.
17. The proposed plantings and restoration shall be completed prior to the installation of the docking structures.
18. A subsequent monitoring report shall be submitted to NHDES on October 1, 2018, to document the success of the restoration and outline a schedule for remedial actions if necessary. Such reports shall be submitted to NHDES with photographs demonstrating the conditions on the restoration site, include any necessary remedial actions, and contain a schedule for completing the remedial actions and conducting follow up inspections.
19. Remedial actions may include, but are not limited to replanting, relocation of plantings, removal of invasive species, altering the soil composition or depths, deconsolidation of soils due to compaction, altering the elevation of the wetland surface, or changing the hydraulic regime.
20. Monitoring reports shall be submitted for 2 consecutive years following the planting of the vegetation.

EXPLANATION

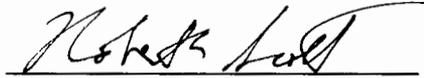
The NHDES Wetlands Bureau approved this project on October 24, 2017. NHDES supported its decision with the following findings:

1. This project is classified as a major project per Rule Env-Wt 303.02(d), construction of a major docking facility.
2. The applicant has an average of 3,818 ft. of frontage along the Merrimack River.
3. Only 900 linear ft. of the frontage may be used for the permitting of docking structures since the remainder of the frontage is a conservation easement.
4. A maximum of 13 slips may be permitted on the 900 ft. of available frontage per Rule Env-Wt 402.13, Frontage Over 75'.
5. The proposed docking facility will provide 11 slips as defined per RSA 482-A:2, VIII and, therefore, meets Rule Env-Wt 402.13.
6. Eversource Energy submitted a letter on dated November 25, 2016, indicating the applicant meets the criteria of Eversource Energy's Management Plan developed in accordance with their FERC licensing requirements for impacts along this area of the Merrimack River.
7. The local conservation commission submitted a letter received by NHDES on November 21, 2016, with several concerns. The local conservation commission submitted a second letter received by NHDES on March 22, 2017. This second letter did not have concerns with individual docks.

His Excellency, Governor Christopher T. Sununu
and The Honorable Council
Page 3

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.



Robert R. Scott
Commissioner

CDF/CGA/IsI



WETLANDS PERMIT APPLICATION

Water Division/ Wetlands Bureau
Land Resources Management

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



RSA 485-A:17, RSA 485-A:2, RSA 485-A:3, RSA 485-A:4, RSA 485-A:5, RSA 485-A:6, RSA 485-A:7, RSA 485-A:8, RSA 485-A:9, RSA 485-A:10, RSA 485-A:11, RSA 485-A:12, RSA 485-A:13, RSA 485-A:14, RSA 485-A:15, RSA 485-A:16, RSA 485-A:17, RSA 485-A:18, RSA 485-A:19, RSA 485-A:20, RSA 485-A:21, RSA 485-A:22, RSA 485-A:23, RSA 485-A:24, RSA 485-A:25, RSA 485-A:26, RSA 485-A:27, RSA 485-A:28, RSA 485-A:29, RSA 485-A:30, RSA 485-A:31, RSA 485-A:32, RSA 485-A:33, RSA 485-A:34, RSA 485-A:35, RSA 485-A:36, RSA 485-A:37, RSA 485-A:38, RSA 485-A:39, RSA 485-A:40, RSA 485-A:41, RSA 485-A:42, RSA 485-A:43, RSA 485-A:44, RSA 485-A:45, RSA 485-A:46, RSA 485-A:47, RSA 485-A:48, RSA 485-A:49, RSA 485-A:50, RSA 485-A:51, RSA 485-A:52, RSA 485-A:53, RSA 485-A:54, RSA 485-A:55, RSA 485-A:56, RSA 485-A:57, RSA 485-A:58, RSA 485-A:59, RSA 485-A:60, RSA 485-A:61, RSA 485-A:62, RSA 485-A:63, RSA 485-A:64, RSA 485-A:65, RSA 485-A:66, RSA 485-A:67, RSA 485-A:68, RSA 485-A:69, RSA 485-A:70, RSA 485-A:71, RSA 485-A:72, RSA 485-A:73, RSA 485-A:74, RSA 485-A:75, RSA 485-A:76, RSA 485-A:77, RSA 485-A:78, RSA 485-A:79, RSA 485-A:80, RSA 485-A:81, RSA 485-A:82, RSA 485-A:83, RSA 485-A:84, RSA 485-A:85, RSA 485-A:86, RSA 485-A:87, RSA 485-A:88, RSA 485-A:89, RSA 485-A:90, RSA 485-A:91, RSA 485-A:92, RSA 485-A:93, RSA 485-A:94, RSA 485-A:95, RSA 485-A:96, RSA 485-A:97, RSA 485-A:98, RSA 485-A:99, RSA 485-A:100

COMPLETE

Fee No. **2016-02989**
Check No. **12815**
Amount **\$ 1,725.00**
Initials **LSL**

RECEIVED
OCT 14 2016
NHDES
LAND RESOURCES MANAGEMENT

OCT 14 2016
Administrative Use Only

Administrative Use Only

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 Determining if Mitigation is Required Frequently Asked Question.

Mitigation Pre-Application Meeting Date: Month: ___ Day: ___ Year: ___
 N/A - Mitigation is not required

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

ADDRESS: **Edgewater Drive** TOWN/CITY: **Hooksett**
TAX MAP: **1** BLOCK: **N/A** LOT: **4** UNIT: **N/A**
USGS TOPO MAP WATERBODY NAME: **Merrimack River** NA STREAM WATERSHED SIZE: NA
LOCATION COORDINATES (If known): **1037353.87,225331.75** Latitude/Longitude

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 rework. See Attached in the space provided below.

The proposed project involves installing one seasonal dock at each of five residential condominium units under development along the Merrimack River off Edgewater Drive in Hooksett. Each dock will be L-shaped, with a 16-foot long ramp to descend from a concrete platform in the 9-foot high bank to water level, a 12-foot long extension from the ramp, and two 12-foot long extensions downstream. All dock sections will be 5 feet wide.

5. SHORELINE FRONTAGE:

NA This does not have shoreline frontage. SHORELINE FRONTAGE: **Units 1-5: 212', 182', 167', 168', and 223', respectively**
Shoreline frontage is calculated by determining the average of the distances of the actual natural navigable shoreline frontage and a

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

Permit Type	Permit Required	File Number	Permit Application Status
Alteration of Terrain Permit Per RSA 485-A:17	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	20141212-182	<input checked="" type="checkbox"/> APPROVED <input type="checkbox"/> PENDING <input type="checkbox"/> DENIED
Individual Sewerage Disposal per RSA 485-A:2	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	2014-05037	<input checked="" 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 checked="" type="checkbox"/> YES <input type="checkbox"/> NO	2015-00067	<input checked="" 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 16 - 3138**

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

LAST NAME, FIRST NAME, M.I.: Scarpetti, Paul and Jocelyn

TRUST / COMPANY NAME: Sierra Homes, Inc.

MAILING ADDRESS:

TOWN/CITY: Hooksett

STATE: NH

ZIP CODE: 03106

EMAIL or FAX:

PHONE:

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

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.

LAST NAME, FIRST NAME, M.I.: Sokoloski, Thomas E

COMPANY NAME: TES Environmental Consultants

MAILING ADDRESS: 1494 Route 3A, Unit 1

TOWN/CITY: Bow

STATE: NH

ZIP CODE: 03304

EMAIL or FAX: tom@tesenviro.comcastbiz.net

PHONE: 603-866-8925

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

By signing the application, I am certifying that:

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



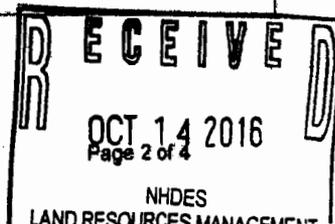
Paul Scarpetti
Jocelyn Scarpetti
Property Owner Signature

Paul Scarpetti, President
Jocelyn Scarpetti

10/31/16

Date

shoreland@des.nh.gov or (603) 271-2147
NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095
www.des.nh.gov



MUNICIPAL SIGNATURES

12. CONSERVATION COMMISSION SIGNATURE

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

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

<input style="width: 100%; height: 100%;" type="text"/>	Print name legibly	Date
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DIRECTIONS FOR CONSERVATION COMMISSION

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

13. TOWN / CITY CLERK SIGNATURE

As required by Chapter 482-A:3 (amended 2014), I hereby certify that the applicant has filed four application forms, four detailed plans, and four USGS location maps with the town/city indicated below.

<input style="width: 100%; height: 100%;" type="text"/>	Print name legibly	Town/City	Date
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DIRECTIONS FOR TOWN/CITY CLERK:

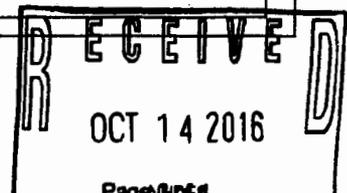
Per RSA 482-A:3,1

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.

shoreland@des.nh.gov or (603) 271-2147
 NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095
www.des.nh.gov



14. IMPACT AREA:

For each jurisdictional area that will be/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.	PERMANENT Sq. Ft. / Lin. Ft.	TEMPORARY 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	1405 /	<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	120 /	<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
TOTAL	1525 /		/	

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

Minimum Impact Fee: Flat fee of \$ 200

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

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

Temporary (seasonal) docking structure: 1525 sq. ft. X \$1.00 = \$ 1,525.00

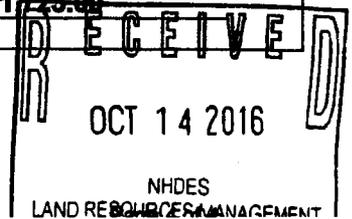
Permanent docking structure: _____ sq. ft. X \$2.00 = \$ _____

Projects proposing shoreline structures (including docks) add \$200 = \$ 200.00

Total = \$ 1,725.00

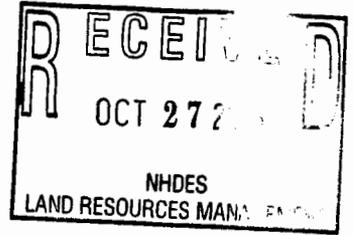
The Application Fee is the above calculated Total or \$200, whichever is greater = \$ 1,725.00

shoreland@des.nh.gov or (603) 271-2147
 NHDES Wetlands Bureau, 29 Hazen Drive, PO Box 95, Concord, NH 03302-0095
www.des.nh.gov



TES Environmental Consultants, LLC

1494 Route 3A, Unit 1, Bow, NH 03304
Phone: (603) 856-8925
E-Mail:



Memo

To: NH DES From: Tom Sokoloski
Phone: 271-3501 Date: 10/24/2016
Re: File #2016-02989 CC:
Edgewater Drive, Hooksett

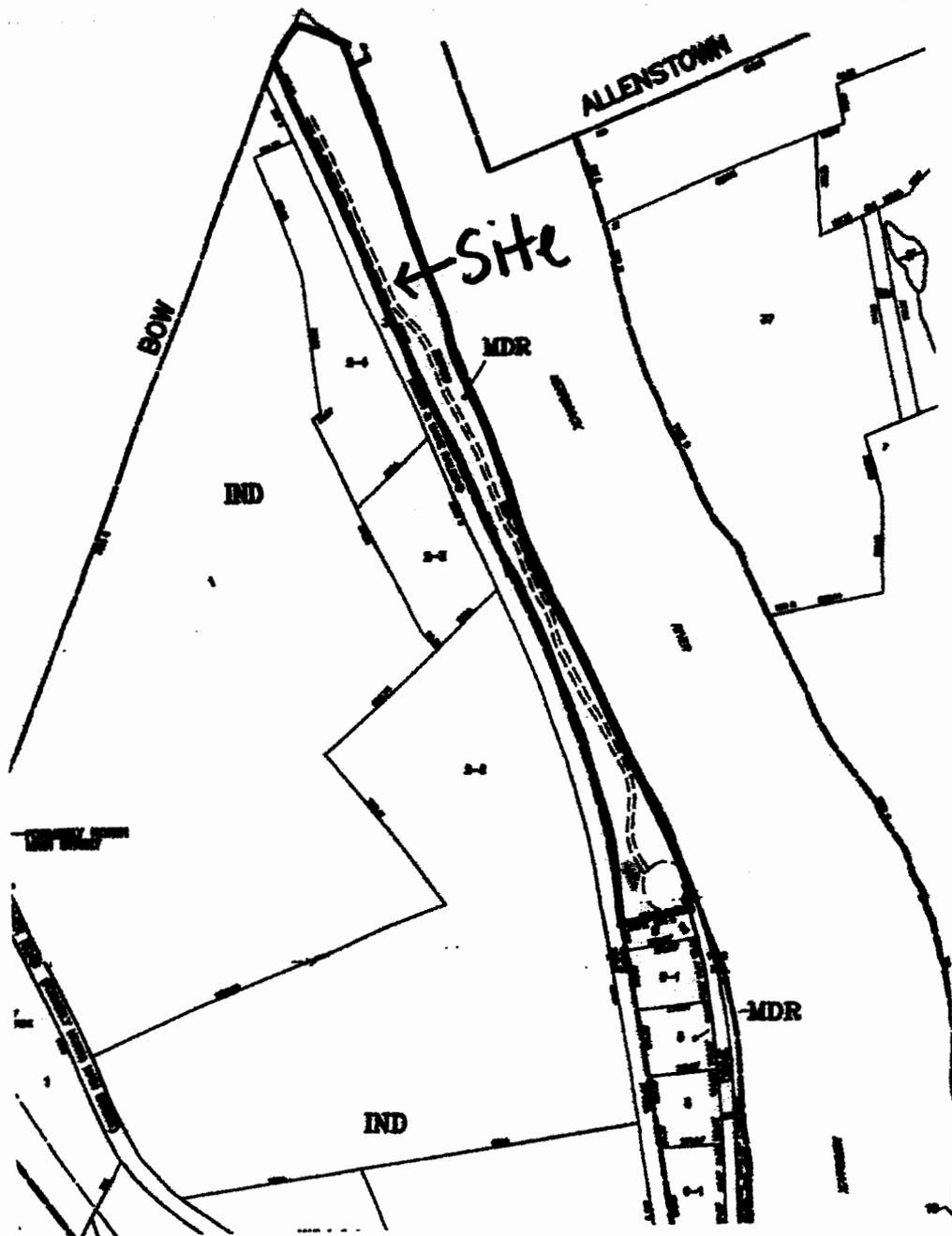
Urgent For Review Please Comment Please Reply Please Recycle

● Comments:

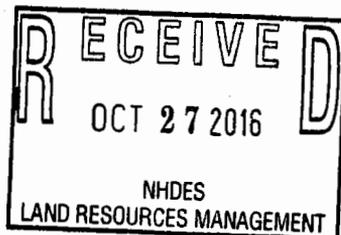
Please find enclosed the list of abutters with correct lot numbers noted. The abutters did not change, only the lot numbers did. Also, the updated tax map showing the appropriate lot numbers.

Thank you,

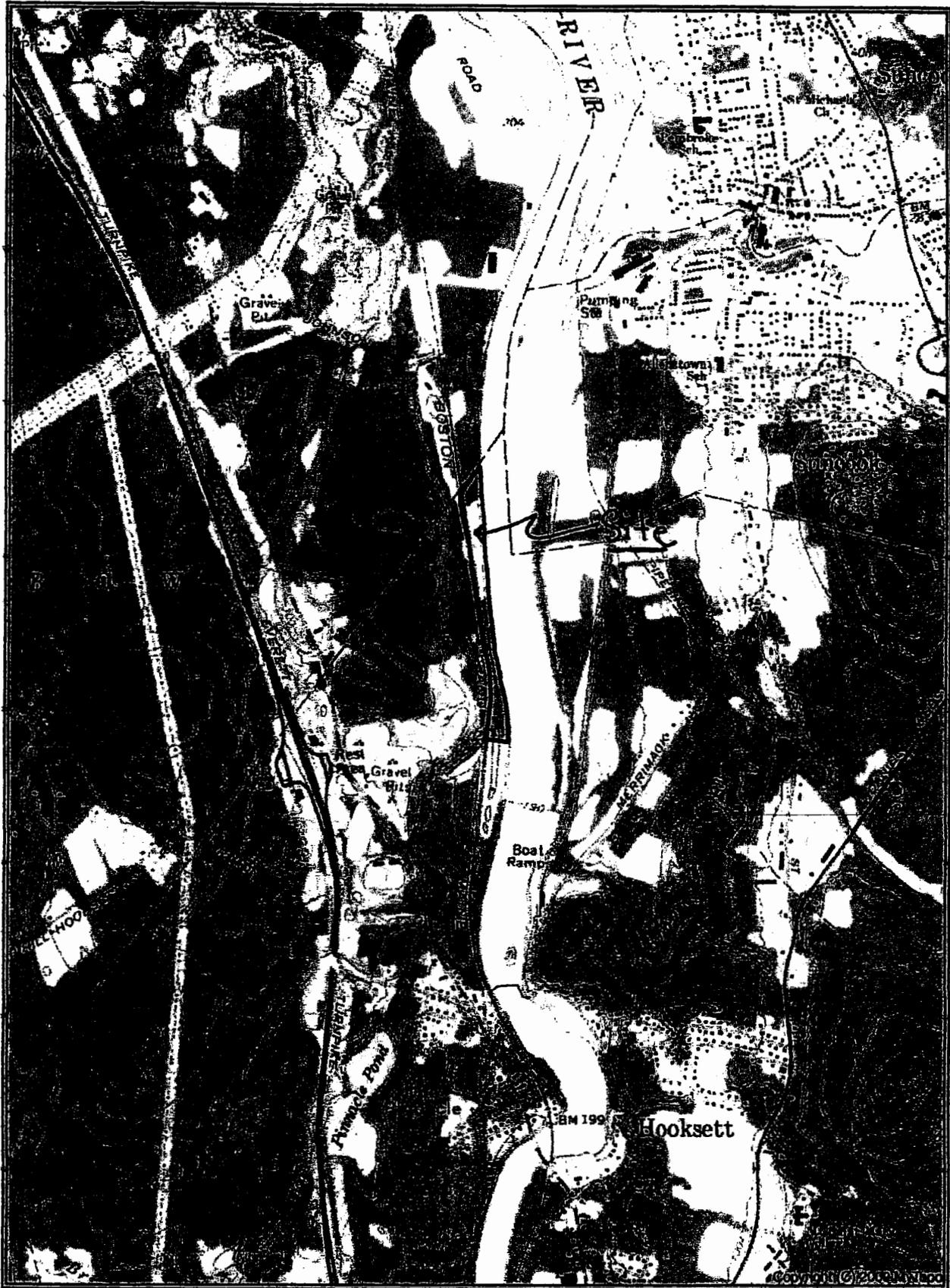
Thomas Sokoloski



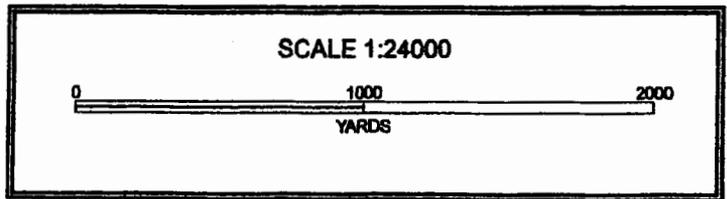
Tax Map



Edgewater Drive
Hooksett, NH
Scale = NTS



510
165



RECEIVED
OCT 14 2016
NHDES
LAND RESOURCES MANAGEMENT

Memo



NH NATURAL HERITAGE BUREAU
NHB DATACHECK RESULTS LETTER

To: Thomas Sokoloski, TES Environmental Consultants, LLC
1494 Route 3A, Unit 1
Bow, NH 03304

From: Amy Lamb, NH Natural Heritage Bureau
Date: 9/19/2016 (valid for one year from this date)
Re: Review by NH Natural Heritage Bureau
NHB File ID: NHB16-2758
Description: To construct patios and docks for condominiums and stabilize portions of the bank.
Town: Hooksett
Location: Tax Maps: 1, lots 4, 6, 8 & 9
cc: Kim Tuttle

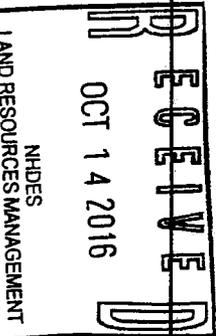
As requested, I have searched our database for records of rare species and exemplary natural communities, with the following results.
Comments: This site is within an area flagged for possible impacts on the state-listed *Alasmidonta varicosa* (Brook floater) in the Merrimack River. Please contact NH Fish & Game.

Invertebrate Species	State ¹	Federal	Notes
Brook floater (<i>Alasmidonta varicosa</i>)	E	-	Contact the NH Fish & Game Dept (see below).
Vertebrate species	State ¹	Federal	Notes
Bald Eagle (<i>Haliaeetus leucocephalus</i>)	T	-	Contact the NH Fish & Game Dept (see below).
Blanding's Turtle (<i>Emydoidea blandingii</i>)	E	-	Contact the NH Fish & Game Dept (see below).
Eastern Hognose Snake (<i>Heterodon platirhinos</i>)	E	-	Contact the NH Fish & Game Dept (see below).

¹Codes: "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 Fish & Game, (603) 271-6544.

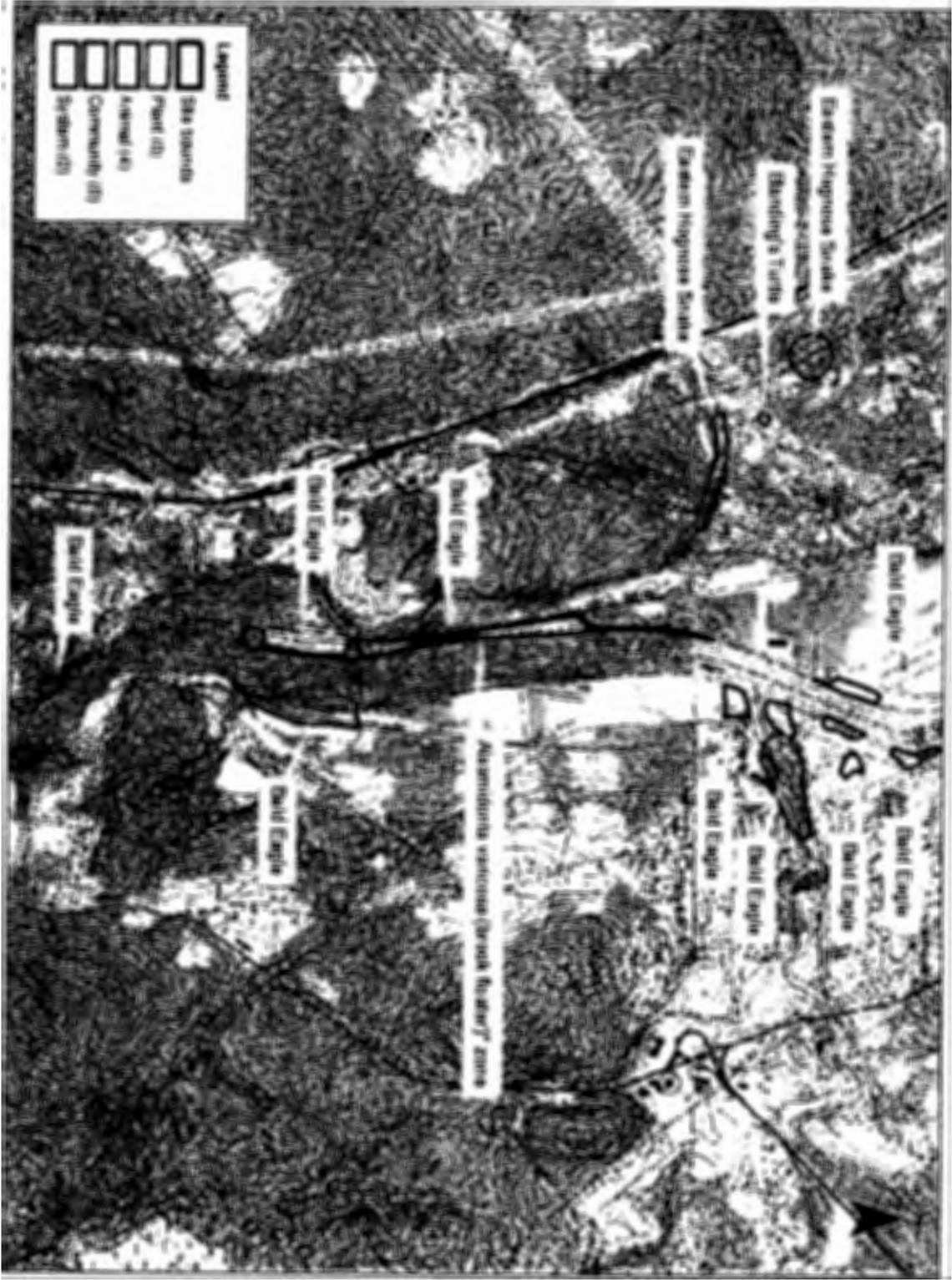
A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed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

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



DRED/NHB
172 Pembroke Rd.
Concord, NH 03301

NHB16-2758



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New Hampshire Natural Heritage Bureau - Animal Record

Bald Eagle (*Haliaeetus leucocephalus*)

Legal Status

Federal: Not listed
 State: Listed Threatened

Conservation Status

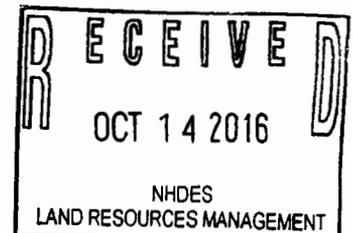
Global: Demonstrably widespread, abundant, and secure
 State: Imperiled due to rarity or vulnerability

Description at this Location

Conservation Rank: Not ranked
 Comments on Rank:

Detailed Description: 2002-2012: Wintering eagles regularly observed at locations along the Merrimack River, day perching and night roosts:2013: 1 eagle observed on 1/4. 1 eagle observed on 1/12. 3 eagles observed at a single location 1/29. 2 eagles observed at a single location on 2/1. 2 eagles observed at a single location on 2/15. 1 eagle observed on 2/23. 1 eagle observed on 3/4.2012: Solitary eagles observed at 3 separate locations on 1/7. 1 eagle observed on 1/12. 1 eagle observed on 1/17. 1 eagle observed on 1/19. Solitary eagles observed at 3 separate locations on 1/23. 1 eagle observed on 1/25. 1 eagle observed on 2/2. 1 eagle observed on 2/9. 1 eagle observed on 2/14. 2 eagles observed at a single location, and solitary eagles observed at 5 separate locations on 2/25. 2 eagles observed at a single location on 2/28. Solitary eagles observed at 2 separate locations on 3/6. 1 eagle observed on 12/11. 2011: 1 eagle observed on 1/5. 1 eagle observed on 1/6. 1 eagle observed on 1/8. Solitary eagles observed at 2 separate locations on 1/9. 1 eagle observed on 1/11. Solitary eagles observed at 2 separate locations on 1/13. 1 eagle observed on 1/20. 2 eagles observed at a single location on 1/31. Solitary eagles observed at 2 separate locations on 2/3. Solitary eagles observed at 2 separate locations on 2/7. 1 eagle observed on 2/9. 2 eagles observed at a single location and solitary eagles observed at 2 separate locations on 2/15. Solitary eagles observed at 2 separate locations on 2/17. 1 eagle observed on 2/22. 2 eagles observed at 2 separate locations and a solitary eagle at a separate location on 2/26. 1 eagle observed on 2/28. 1 eagle observed on 3/2. Solitary eagles observed at 2 separate locations on 3/8. 2 eagles observed at a single location, and a solitary eagle observed at a separate location on 3/15. 1 eagle observed on 12/27. 1 eagle observed on 12/29.2010: 3 eagles observed at a single location, 2 observed at a single location, and a solitary eagle observed at a separate location on 1/9. 1 eagle observed on 12/3. 1 eagle observed on 12/17. 1 eagle observed on 12/22. 2 eagles observed at a single location on 12/28. 2 eagles observed at a single location on 12/30.2009: 2 eagles observed at a single location, and a solitary eagle observed at a separate location on 1/10. 3 eagles observed at a single location on 2/28.2008: 2 eagles observed at a single location, and solitary eagles observed at 3 separate locations on 1/12. 2 eagles observed at a single location and a solitary eagle observed at a separate location on 2/23.2007: Solitary eagles observed at 2 separate locations on 1/13. 1 eagle observed on 2/24.2006: 1 eagle observed on 2/25.2005: 2 eagles observed at a single location on 1/8. 2 eagles observed at a single location and a solitary eagle observed at a separate location on 2/24. 2 eagles observed at a single location on 2/26.2004: Solitary eagles observed at 5 separate locations on 1/10. 1 eagle observed on 1/27.2003: 1 eagle observed on 1/7. 1 eagle observed on 1/9. 1 eagle observed on 2/2. Solitary eagles observed at 2 separate locations on 2/5. 1 eagle observed on 3/4.2002: 1 eagle observed on 1/12. 1 eagle observed on 12/18.1993: Sightings near Hannah Dusting parking area, but no defined roost or perch site. Perching on east side of Sewall's Falls Dam area. Perching near Horseshoe Pond. Perching on both sides from Bridge Street to Manchester Street. Perching on east side of the river near Blue Seal Feeds. No perching in last few years near Garvins Falls Dam. Bow Power Plant: On River Road on west side of river, possible roosting just north of liquor store. Perching in Hooksett on both sides of river just north of Route 3 bridge.1991: The most active locations are Sewalls Falls, wetlands near I-393, Bow Power Plant and Hooksett boat ramp. Location of eagles depends on availability of open water and other factors.

General Area:
 General Comments:



New Hampshire Natural Heritage Bureau - Animal Record

Blanding's Turtle (*Emydoidea blandingii*)

Legal Status

Federal: Not listed
 State: Listed Endangered

Conservation Status

Global: Apparently secure but with cause for concern
 State: Critically imperiled due to rarity or vulnerability

Description at this Location

Conservation Rank: Not ranked
 Comments on Rank:

Detailed Description: 2014: Area 13939: 1 adult observed, sex unknown.
 General Area: 2014: Area 13939: Shrub wetland beneath power lines.
 General Comments:
 Management
 Comments:

Location

Survey Site Name: Merrimack River, Bow
 Managed By:

County: Merrimack
 Town(s): Bow
 Size: .4 acres Elevation:

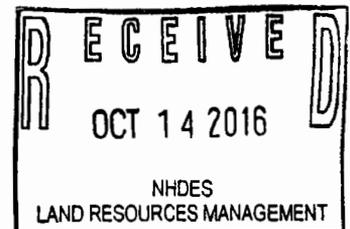
Precision: Within (but not necessarily restricted to) the area indicated on the map.

Directions: 2014: Area 13939: Bow power lines (43.12795, -71.4797).

Dates documented

First reported: 2014-06-18 Last reported: 2014-06-18

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.



New Hampshire Natural Heritage Bureau - Animal Record

Eastern Hognose Snake (*Heterodon platirhinos*)

Legal Status

Federal: Not listed
 State: Listed Endangered

Conservation Status

Global: Demonstrably widespread, abundant, and secure
 State: Critically imperiled due to rarity or vulnerability

Description at this Location

Conservation Rank: Not ranked
 Comments on Rank:

Detailed Description: 2009: Area 12297: 1 observed. Killed by observers. Area 12303: 1 observed.

General Area: 2009: Area 12297: Residential yard. Area 12303: Residential driveway.

General Comments:

Management

Comments:

Location

Survey Site Name: Bow Bog Brook, south of
 Managed By:

County: Merrimack

Town(s): Bow

Size: 14.6 acres

Elevation:

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

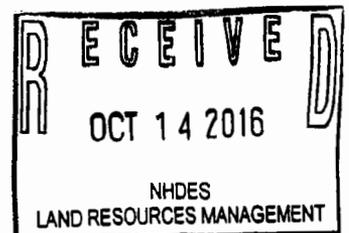
Directions: 2009: Area 12297: 34 Johnson Road, Bow. Area 12303: 687 Route 3A, Bow.

Dates documented

First reported: 2009-05-09

Last reported: 2009-05-10

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TES Environmental Consultants, LLC

List of Abutters for Edgewater Drive
Hooksett, New Hampshire

Hooksett Abutters

Florida Trust
[REDACTED]

Hooksett, NH 03106

Tax Map

5

Lot Number

9

Plourde Sand & Gravel
[REDACTED]

Suncook, NH 03106

1

3

Bow Abutter

White Development Corp.
[REDACTED]

Auburn, MA 01501

Tax Map

45

Lot Number

151

Professionals

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Manchester, NH 03101

McCourt Engineering Associates, PLLC
42 Ezekial Smith Lane
Henniker, NH 03242

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