



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

Robert R. Scott, Commissioner

148



August 8, 2024

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

**REQUESTED ACTION**

Approve Cynthia and David Normandin's request to perform the following work on Sunapee Lake in Newbury pursuant to NH Department of Environmental Services (NHDES) Wetlands Bureau permit #2024-00663, and in accordance with RSA 482-A:3. No comments were submitted by the Newbury Conservation Commission regarding the project as proposed.

Impact 4,175 square feet along 216 feet of bank in order to replace a shoreline retaining wall, stairs and 4 foot x 52 foot deck, regrade existing lawn and landscaped areas on 260 feet of frontage along Lake Sunapee in Newbury.

NHDES imposed the following conditions as part of this approval:

1. In accordance with Env-Wt 307.16, all work shall be done in accordance with the revised plans, revision dated May 10, 2024 by DB Landscaping LLC, as received by the NH Department of Environmental Services (NHDES) on June 13, 2024.
2. In accordance with Env-Wt 514.05(d), unless otherwise approved, construction shall be performed during draw down or dry conditions.
3. All development activities associated with any project shall be conducted in compliance with applicable requirements of RSA 483-B and Env-Wq 1400 during and after construction as required pursuant to RSA 483-B:3.
4. Pursuant to RSA 483-B:9, V(a)(2)(D), (v), 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. Water quality control measures capable of minimizing erosion; collecting sediment and suspended and floating materials; and filtering fine sediment shall be selected and implemented as appropriate based on the size and nature of the project and the physical characteristics of the site, including slope, soil type, vegetative cover, and proximity to jurisdictional areas as required pursuant to Env-Wt 307.03(c).
6. Work authorized shall be carried out in accordance with Env-Wt 307 such that appropriate turbidity controls are in place to protect water quality, that no turbidity escapes the immediate dredge area, and that appropriate turbidity controls shall remain until suspended particles have settled and water at the work site has returned to normal clarity.

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

7. All excavated material and construction-related debris shall be placed outside of those areas subject to RSA 482-A or RSA-483-B unless a permit for the deposition of materials within those areas has been obtained as required per RSA 482-A:3 or RSA 483-B:5-b respectively.
8. Pursuant to RSA 482-A:14, RSA 482-A:14-b, and RSA 482-A:14-c, NHDES is authorized to take appropriate compliance actions should it be determined that, based upon additional information which becomes available, any of the structures depicted as "existing" on the plans submitted by or on behalf of the permittee were not previously permitted or grandfathered.

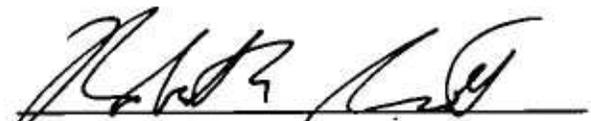
#### EXPLANATION

NHDES approved this project on July 03, 2024. NHDES supported its decision with the following findings:

1. This is a major impact project per Administrative Rule Env-Wt 514.07(c), replacement of 216 linear feet of retaining wall that cannot be completed in the dry.
2. The NHDES finds that because the project is not of significant public interest as the project results in minor improvements of the shoreline and will not significantly impair the resources of Lake Sunapee a public hearing under RSA 482-A:8 is not required.
3. No concerns were received from abutters nor the local Conservation Commission related to the project.
4. Per Rule Env-Wt 311.01(b), the applicant coordinated with the NH Fish and Game Department (NHF&G) and the Natural Heritage Bureau (NHB) to determine how to avoid and minimize project-related impacts on rare or protected animal species and habitat, and on protected plants or exemplary natural communities.
5. The NHDES finds that the project as proposed and conditioned meets the requirements of RSA 482-A and the Wetlands Program Code of Administrative Rules Chapters Env-Wt 100 - 900. No waivers of RSA 482-A or the Wetlands Program Code of Administrative Rules Chapters Env-Wt 100 - 900 were requested or approved under this permit action.

NHDES Wetlands Bureau permit #2024-00663 application documents are enclosed for review by the Governor and the Executive Council in consideration of this request and in accordance with RSA 482-A:3, II(a), as it is a major project located in New Hampshire public waters.

We respectfully request your approval of this item.

  
Robert R. Scott  
Commissioner



**STANDARD DREDGE AND FILL  
WETLANDS PERMIT APPLICATION**  
Water Division / Land Resources Management  
Check the Status of your Application



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

APPLICANT'S NAME: David W. and Cynthia B. Normandin TOWN NAME: Newbury

	<b>COMPLETE</b> Use MAR 15 2024	Administrative Use Only	File No.: 2024-0663
			Check No.: 2835
			Amount: \$ 2070
			Initials:

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

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

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

Has the required planning been completed?	<input checked="" type="radio"/> Yes <input type="radio"/> No
Does the property contain a PRA? If yes, provide the following information:	<input type="radio"/> Yes <input type="radio"/> No
<ul style="list-style-type: none"> <li>Does the project qualify for an Impact Classification Adjustment (e.g. NH Fish and Game Department (NHFG) and NHB agreement for a classification downgrade) or a Project-Type Exception (e.g. Maintenance or Statutory Permit-by-Notification (SPN) project)? See Env-Wt 407.02 and Env-Wt 407.04.</li> </ul>	<input checked="" type="radio"/> Yes <input type="radio"/> No
<ul style="list-style-type: none"> <li>Protected species or habitat?                             <ul style="list-style-type: none"> <li>If yes, species or habitat name(s): <small>American water-shrew and the oval spider</small></li> <li>NHB Project ID #: NHB23-2618</li> </ul> </li> </ul>	<input checked="" type="radio"/> Yes <input type="radio"/> No
Bog?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Floodplain wetland contiguous to a tier 3 or higher watercourse?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Designated prime wetland or duly-established 100-foot buffer?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Sand dune, tidal wetland, tidal water, or undeveloped tidal buffer zone?	<input type="radio"/> Yes <input checked="" type="radio"/> No
Is the property within a Designated River corridor? If yes, provide the following information:	<input type="radio"/> Yes <input checked="" type="radio"/> No
<ul style="list-style-type: none"> <li>Name of Local River Management Advisory Committee (LAC):</li> <li>A copy of the application was sent to the LAC on Month: Day: Year:</li> </ul>	

For dredging projects, is the subject property contaminated? • If yes, list contaminant:	<input type="radio"/> Yes <input checked="" type="radio"/> No
Is there potential to impact impaired waters, class A waters, or outstanding resource waters?	<input type="radio"/> Yes <input checked="" type="radio"/> No
For stream crossing projects, provide watershed size (see <u>WPPT</u> or Stream Stats):	
<b>SECTION 2 - PROJECT DESCRIPTION (Env-Wt 311.04(I))</b> Provide a description of the project and the purpose of the project, the need for the proposed impacts to Jurisdictional areas, an outline of the scope of work to be performed, and whether impacts are temporary or permanent.	
Replace 166 LF of failing concrete shoreline wall in-kind. Lakebed in front of wall to be dewatered during construction using a sheet pile cofferdam. Improve stairs built through the wall into the water. Replace wood deck in-kind located on top of the wall. Lawn behind deck/dock regraded to direct stormwater to new catch basins and a drywell. Paved path to deck realigned and replaced with pervious stone path. 78 LF stone retaining wall at top of the bank replaced in-kind.	
<b>SECTION 3 - PROJECT LOCATION</b> Separate wetland permit applications must be submitted for each municipality within which wetland impacts occur.	
ADDRESS: 1083 Route 103	
TOWN/CITY: Newbury, NH	
TAX MAP/BLOCK/LOT/UNIT: Map 19/ Block 357/ Lot 25	
US GEOLOGICAL SURVEY (USGS) TOPO MAP WATERBODY NAME: <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Lake Sunapee	
(Optional) LATITUDE/LONGITUDE in decimal degrees (to five decimal places):	

<b>SECTION 4 - APPLICANT (DESIRED PERMIT HOLDER) INFORMATION (Env-Wt 311.04(a))</b>			
If the applicant is a trust or a company, then complete with the trust or company information.			
NAME: David and Cynthia Normandin			
MAILING ADDRESS: [REDACTED]			
TOWN/CITY: [REDACTED]		STATE: [REDACTED]	ZIP CODE: [REDACTED]
EMAIL ADDRESS: [REDACTED]			
FAX: [REDACTED]		PHONE: [REDACTED]	
ELECTRONIC COMMUNICATION: By initialing here, I hereby authorize NHDES to communicate all matters relative to this application electronically.			
<b>SECTION 5 - AUTHORIZED AGENT INFORMATION (Env-Wt 311.04(c))</b>			
<input type="checkbox"/> N/A			
LAST NAME, FIRST NAME, M.I.: Daniel Bruzga			
COMPANY NAME: db Landscaping LLC			
MAILING ADDRESS: PO Box 356			
TOWN/CITY: Sunapee		STATE: NH	ZIP CODE: 03782
EMAIL ADDRESS: dan@dblandscaping.com			
FAX: [REDACTED]		PHONE: 603-763-6423	
ELECTRONIC COMMUNICATION: By initialing here, I hereby authorize NHDES to communicate all matters relative to this application electronically.			
<b>SECTION 6 - PROPERTY OWNER INFORMATION (IF DIFFERENT THAN APPLICANT) (Env-Wt 311.04(b))</b>			
If the owner is a trust or a company, then complete with the trust or company information.			
<input checked="" type="checkbox"/> Same as applicant			
NAME:			
MAILING ADDRESS:			
TOWN/CITY:		STATE:	ZIP CODE:
EMAIL ADDRESS:			
FAX:		PHONE:	
ELECTRONIC COMMUNICATION: By initialing here, I hereby authorize NHDES to communicate all matters relative to this application electronically.			

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

Describe how the resource-specific criteria have been met for each chapter listed above (please attach information about stream crossings, coastal resources, prime wetlands, or non-tidal wetlands and surface waters):  
 Env-Wt 300 Stormwater mitigation: in accordance to Env-Wt 307.03: erosion and siltation controls shall be appropriate to the size and nature of the project.  
 Env-Wt 313.03 There is no practicable alternative that would have a less adverse impact on the area and environments under the department's jurisdiction. Alternative exploration led to the conclusion of locations and materiality of the proposed project will be the least impactful and environmentally beneficial.  
 Env-Wt 514.07 The shoreline wall is designed to replace the existing wall with the same dimensions as currently exist. Construction "in the dry" during lake drawdown is not possible as the lakebed in much of the location of the wall is below 1090' elevation. The target drawdown elevation is 1090.65' for Lake Sunapee.

**SECTION 8 - AVOIDANCE AND MINIMIZATION**

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

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

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

**SECTION 9 - MITIGATION REQUIREMENT (Env-Wt 311.02)**

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

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

N/A - Mitigation is not required

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

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

N/A - Compensatory mitigation is not required

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

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

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

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

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

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

JURISDICTIONAL AREA		PERM. SF	PERM. LF	PERM. ATF	TEMP. SF	TEMP. LF	TEMP. ATF
Wetlands	Forested Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Scrub-shrub Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Emergent Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Wet Meadow			<input type="checkbox"/>			<input type="checkbox"/>
	Vernal Pool			<input type="checkbox"/>			<input type="checkbox"/>
	Designated Prime Wetland			<input type="checkbox"/>			<input type="checkbox"/>
	Duly-established 100-foot Prime Wetland Buffer			<input type="checkbox"/>			<input type="checkbox"/>
Surface	Intermittent / Ephemeral Stream			<input type="checkbox"/>			<input type="checkbox"/>
	Perennial Stream or River			<input type="checkbox"/>			<input type="checkbox"/>
	Lake / Pond			<input type="checkbox"/>			<input type="checkbox"/>
	Docking - Lake / Pond			<input type="checkbox"/>			<input type="checkbox"/>
	Docking - River			<input type="checkbox"/>			<input type="checkbox"/>
Banks	Bank - Intermittent Stream			<input type="checkbox"/>			<input type="checkbox"/>
	Bank - Perennial Stream / River			<input type="checkbox"/>			<input type="checkbox"/>
	Bank / Shoreline - Lake / Pond	3710	216	<input type="checkbox"/>	465	216	<input type="checkbox"/>
Tidal	Tidal Waters			<input type="checkbox"/>			<input type="checkbox"/>
	Tidal Marsh			<input type="checkbox"/>			<input type="checkbox"/>
	Sand Dune			<input type="checkbox"/>			<input type="checkbox"/>
	Undeveloped Tidal Buffer Zone (TBZ)			<input type="checkbox"/>			<input type="checkbox"/>
	Previously-developed TBZ			<input type="checkbox"/>			<input type="checkbox"/>
	Docking - Tidal Water			<input type="checkbox"/>			<input type="checkbox"/>
<b>TOTAL</b>		<b>3283</b>	<b>216</b>		<b>465</b>	<b>216</b>	

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

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

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

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

Permanent and temporary (non-docking):	SF	4175	× \$0.40 =	\$ 1670
Seasonal docking structure:	SF		× \$2.00 =	\$
Permanent docking structure:	SF		× \$4.00 =	\$ 400
Projects proposing shoreline structures (including docks) add \$400 =				\$
Total =				\$

The application fee for minor or major impact is the above calculated total or \$400, whichever is greater = \$ 2070

NHDES-W-06-012

**SECTION 13 - PROJECT CLASSIFICATION (Env-Wt 306.05)**  
 Indicate the project classification.

<input type="checkbox"/> Minimum Impact Project	<input type="checkbox"/> Minor Project	<input checked="" type="checkbox"/> Major Project
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**SECTION 14 - REQUIRED CERTIFICATIONS (Env-Wt 311.11)**

Initial each box below to certify:

<input checked="" type="checkbox"/> Initials: CN DB	To the best of the signer's knowledge and belief, all required notifications have been provided.
<input checked="" type="checkbox"/> Initials: CN DB	The information submitted on or with the application is true, complete, and not misleading to the best of the signer's knowledge and belief.
<input type="checkbox"/> Initials: CN DB	<p>The signer understands that:</p> <ul style="list-style-type: none"> <li>The submission of false, incomplete, or misleading information constitutes grounds for NHDES to:                             <ol style="list-style-type: none"> <li>Deny the application.</li> <li>Revoke any approval that is granted based on the information.</li> <li>If the signer is a certified wetland scientist, licensed surveyor, or professional engineer licensed to practice in New Hampshire, refer the matter to the joint board of licensure and certification established by RSA 310-A:1.</li> </ol> </li> </ul>
<input checked="" type="checkbox"/> Initials: CN DB	If the applicant is not the owner of the property, each property owner signature shall constitute certification by the signer that he or she is aware of the application being filed and does not object to the filing.

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

SIGNATURE (OWNER): <i>Cynthia Normandin</i>	PRINT NAME LEGIBLY: Cynthia Normandin	DATE: 2/26/2024
SIGNATURE (APPLICANT, IF DIFFERENT FROM OWNER):	PRINT NAME LEGIBLY:	DATE:
SIGNATURE (AGENT, IF APPLICABLE): <i>Daniel Bruzga</i>	PRINT NAME LEGIBLY: Daniel Bruzga	DATE: 2/26/2024

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

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

TOWN/CITY CLERK SIGNATURE: <i>Linda Plunkett</i>	PRINT NAME LEGIBLY: LINDA PLUNKETT
TOWN/CITY: <i>Newbury</i>	DATE: 03/13/2024

**DIRECTIONS FOR TOWN/CITY CLERK:**

Per RSA 482-A:3, I(a)(1)

1. IMMEDIATELY sign the original application form and four copies in the signature space provided above.
2. 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.
3. 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.
4. Retain one copy of the application form and one complete set of attachments and make them reasonably accessible for public review.

**DIRECTIONS FOR APPLICANT:**

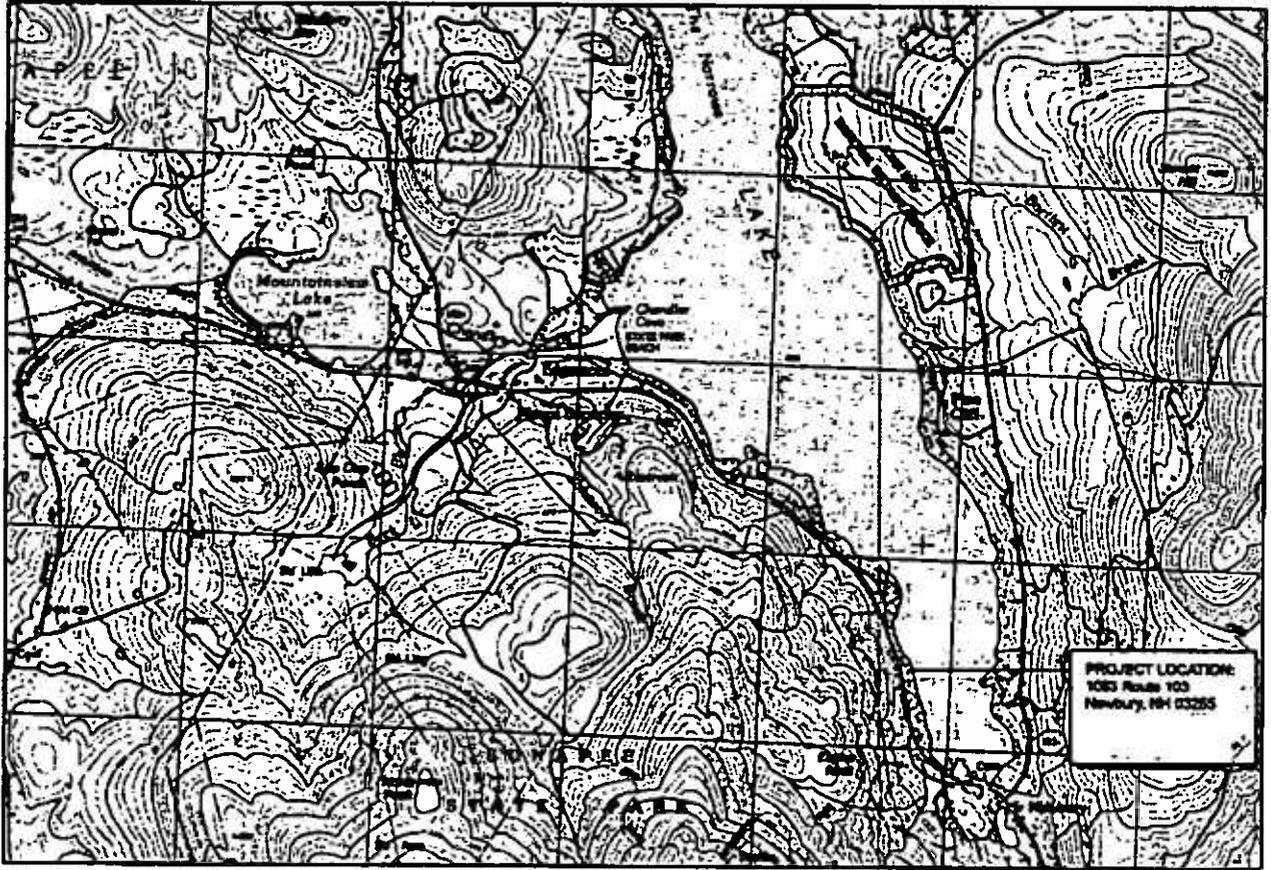
Submit the original permit application form bearing the signature of the Town/City Clerk, additional materials, and the application fee to NHDES by mail or hand delivery at the address at the bottom of this page. Make check or money order payable to "Treasurer – State of NH".

[irm@des.nh.gov](mailto:irm@des.nh.gov) or (603) 271-2147

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

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

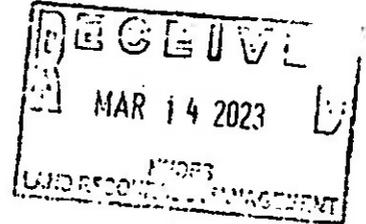




PROJECT LOCATION:  
1063 Route 103  
Newbury, NH 03255



SUNAPEE LAKE SOUTH QUADRANGLE  
NEW HAMPSHIRE  
7.5-MINUTE SERIES  
U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY



SUNAPEE LAKE SOUTH, NH  
2002

SCALE 1:24 000



CONTIGUOUS INTERVAL 20 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced in conformance with the  
National Geospatial Program US Topo Product Standard, 2011.  
A metadata file associated with this product is available at [www.usgs.gov](http://www.usgs.gov).

1	2	3
4	5	6
7	8	9

- 1 Ocean
- 2 Sunapee Lake
- 3 New London
- 4 Sunapee
- 5 East Langdon
- 6 Washington
- 7 Middleboro Upper Village

ROAD CLASSIFICATION

- Expressway
- Secondary Road
- Artery
- Local Connector
- Local Road
- Other
- Interstate Route
- US Route
- State Route

NOTE: THIS DOCUMENT REPRESENTS ONLY A SMALL PORTION OF THE ABOVE REFERENCED USGS MAP

Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84), Projection and  
1 ED-variant grid National Transverse Mercator, Zone 18T  
10 000-foot scale; New Hampshire Coordinate System of 1983

This map is not a legal document. Boundaries may be generalized for this map only. Private land within governmental jurisdictions may not be shown. Obtain permission before entering private land.

Images: USGS, July 2002  
Data: NHD, 05/03 - 2004  
Hydrography: National Hydrography Dataset, 2002  
Contours: National Geospatial Dataset, 2002  
Boundaries: Multiple sources are available for 1972 - 2002

47° 41' 30" N  
101° 05' 30" W

U.S. National Grid  
NAD 83  
Zone 18T



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

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**Robert R. Scott, Commissioner**

**This application contains confidential information from the NH Natural Heritage Bureau (NHB) Datacheck tool provided by the NH Department of Natural and Cultural Resources. This information is being withheld from disclosure to the public.**

**Please direct all questions regarding the confidential information to Courtney Lockwood, Land Resources Management Program Attorney, NH Department of Environmental Services, at: [courtney.l.lockwood@des.nh.gov](mailto:courtney.l.lockwood@des.nh.gov), or (603) 271-8614.**



# 50 foot Abutters List Report

Tri Town, NH  
February 13, 2023

## Subject Property:

Parcel Number: NewB-0019-0357-0025  
CAMA Number: NewB-0019-0357-0025-0000  
Property Address: 1083 ROUTE 103

Mailing Address: NORMANDIN, DAVID & CYNTHIA

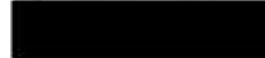


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## Abutters:

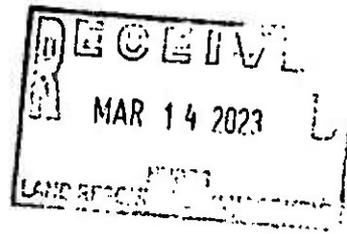
Parcel Number: NewB-0019-0356-0008  
CAMA Number: NewB-0019-0356-0008-0000  
Property Address: 1069 ROUTE 103

Mailing Address: BERGERON REV TRUST, K. E.



Parcel Number: NewB-0019-0363-0055  
CAMA Number: NewB-0019-0363-0055-0000  
Property Address: ROUTE 103

Mailing Address: MOSCONAS, MARY



www.cai-tech.com

Data shown on this report is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this report.

**PROPOSED IMPERVIOUS AREA CALCULATIONS**

ALL CALCULATED IN SQUARE FEET

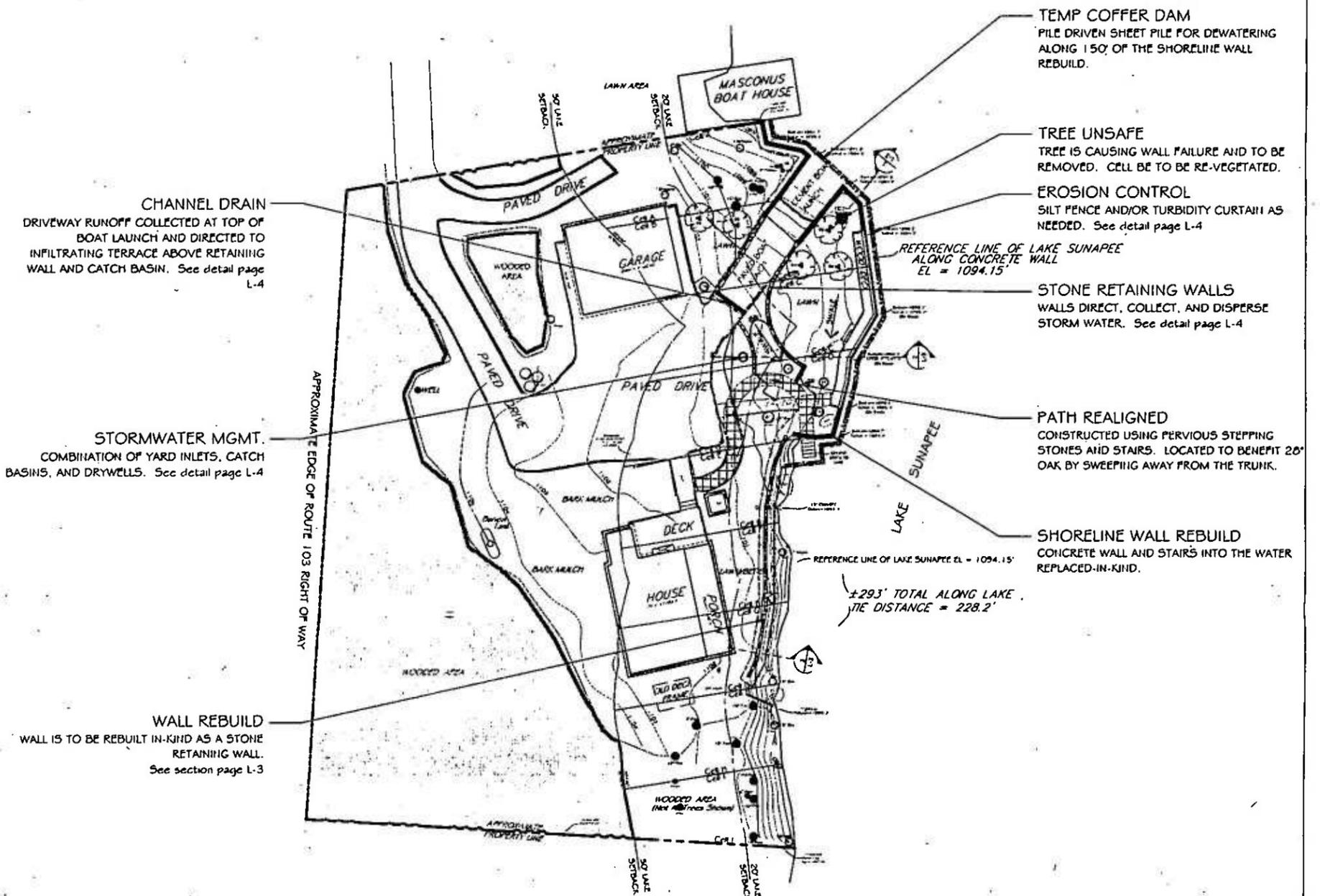
Impervious Areas	0-20	20-50	50-150	150-250	Existing Total
Main House	12	1481	142	0	1635
Paved Drive	280	1310	3100	0	4690
Garage	0	450	575	0	1025
Walks	76	58	0	0	134
Dec/Conc/Stairs by Lake	345	0	0	0	345
<b>Total</b>	<b>713</b>	<b>3299</b>	<b>3817</b>	<b>0</b>	<b>8005</b>
	Percent Impervious				24.2%

**UNALTERED STATE CALCULATION**

TOTAL UNALTERED AREA 50' TO 150' BUFFER	11,205
TOTAL LOT AREA 50' TO 150' BUFFER	19,415
MINIMUM 25% AREA TO REMAIN UNALTERED	4,854

**LEGEND**

- 1110 --- CONTOUR LINE (1-FOOT INTERVAL)
- PROPERTY LINE
- LAKE REFERENCE LINE
- BUILDING SETBACK
- 20-FOOT LAKE SETBACK
- 50-FOOT SHORELAND BUFFER
- STORMWATER MGMT-SILT FENCE
- LIMIT OF DISTURBANCE
- ○ CONIFER TREE/DECIDUOUS TREE
- ○ TEMP COFFER DAM
- PROPOSED STONE RETAINING WALL
- PROPOSED PERVIOUS PATH
- CONCRETE SHORELINE WALL
- CHANNEL DRAIN
- CATCH BASIN / YARD INLET / DRY WELL
- MULTI-STEM BIRCH FOR RE-VEGETATIVE PLANTING



- NOTES**
- ELEVATIONS ARE REFERENCED TO USGS DATUM (NAVD29) FROM A GPS OBSERVATION ON-SITE.
  - NO UNDERGROUND UTILITIES WERE IDENTIFIED OR LOCATED FOR THIS SURVEY.
  - THIS PLAN IS BASED ON A TOTAL STATION SURVEY BY THIS OFFICE, JANUARY 2023.
  - ALL BOUNDARIES SHOWN ARE APPROXIMATE AND NOT INTENDED FOR DETERMINATIONS OF LIMITS OF OWNERSHIP OR SETBACKS.

**WATERFRONT BUFFER TREE LIST**

Tree Id	Species	DBH (in)	State Points
A1	OAK	12	10
A2	POPLAR	14	15
A3	PINE	10	10
A4	PINE	4	5
A5	PINE	4	5
A6	PINE	4	5
A7	MAPLE	12	10
A8	PINE	10	10
A9	PINE	10	10
A10	PINE	16	15
B1	PINE	22	UNSAFE
B2	BIRCH-MULTI	1(3 STEM)	3
B3	BIRCH-MULTI	1(3 STEM)	3
B4	BIRCH-MULTI	1(3 STEM)	3
B5	BIRCH-MULTI	1(3 STEM)	3
B6	BIRCH-MULTI	1(3 STEM)	3
D1	OAK	28	15
F1	MAPLE	17	15
F2	OAK	14	15
G1	OAK	18	15
H1	PINE	10	10
H2	PINE	8	10
H3	OAK	15	15
H4	PINE	10	10
H5	PINE	12	10
I1	PINE	10	10
I2	PINE	6	5
I3	PINE	10	10
I4	PINE	10	10
I5	OAK	18	15

**WATERFRONT BUFFER TREE GRIDS**

Grid Seq.	# of trees				total
	at 1 pt each	at 5 pt each	at 10 pt each	at 15 pt each	
A	0	3	5	2	95
B	15	0	0	0	15
C	0	0	0	0	0
D	15	0	0	0	15
E	0	0	0	0	0
F	0	0	0	2	30
G	0	0	0	1	15
H	0	0	4	1	55
I	0	1	3	1	50

**TOPOGRAPHIC WORKSHEET  
SHORELAND SITE PLAN**

TAX MAP 19 LOT 357,025 - 1083 NH ROUTE 103

DAVID and CYNTHIA NORMANDIN

NEWBURY, N.H.

JANUARY 12, 2023

SHORELAND INFO ADDED SEPTEMBER 15, 2023

PENNYROYAL HILL LAND SURVEYING & FORESTRY LLC

CLAYTON E. PLATT LIC. SURVEYOR NO. 833

414 Pine Hill Road Croydon, NH 03773 (603) 863-0981

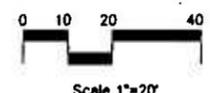
NHDES FILE #2024-00863

Normandin Property  
1083 Route 103  
Newbury, NH 03751  
TAX MAP 19 LOT 357,025

Prepared By:



LANDSCAPE ARCHITECTURE DESIGN CONSTRUCTION PERMITTING



L-2

PROPOSED COMMENTS PLAN

3/23/2024