

Karon Skinner Catrone
63 Gilbert Drive
Stoughton, MA 02072

January 5, 2023

Ms. Becca Solomon
Conservation Agent
Ashland Conservation Commission
101 Main Street
Ashland, MA 01721

RE: Notice of Intent – 7 Bresnick Lane, Ashland, MA 01721

Dear Ms. Solomon:

Enclosed please find one (1) copies of a Notice of Intent (NOI) and site plan submittal on behalf of Yulia and Wanderson Heringer. The NOI is being filed under the Massachusetts Wetland Protection Act and the Ashland Wetland Protection Bylaw. This submittal includes:

1. Cover page
2. Wetland Protection Act Form 3 – Notice of Intent
3. Project Narrative
4. Natural Heritage and Endangered Species data
5. USGS data
6. Other associated documents
7. Site Plan

The applicant is proposing the construction of a 8' wide porch, patio and in-ground pool. A copy of this filing has been sent to the Northeast Regional Office of the Department of Environmental Protection. Please feel free to contact me at 508-668-4401 with any questions or concerns.

Sincerely,



Karon Skinner Catrone
Wetland Consultant



Town of Ashland

MASSACHUSETTS

CONSERVATION COMMISSION

Applicant Checklist for NOI/ANRAD/ANOI

This checklist is meant as guide when preparing a permit application during the State of Emergency, which was declared on March 12, 2020. This process shall remain in effect during the State of Emergency and will terminate when the State of Emergency is lifted. Note that submittal dates remain in effect.

1. **Application**- submit 2 paper copies and 1 digital copy of all materials, and 1 Stormwater Management Checklist, if applicable. No spiral bindings!
2. **Narrative**- 1 copy of a written narrative explaining existing conditions, proposed conditions, wetland resource areas on site (protected under the Act (310 CMR 10.02 (1) and the Bylaw (chapter 280)), the 100 foot Buffer Zone, the 25' No Disturb Zone and vernal pools
3. **Locus Map**- 1 copy
4. **Site Plans**- (folded) 1 large copy, and 1 (one) 11"x17" copy, if all details can be read.
Plans must show the following:
 - a. Existing Conditions
 - b. Proposed Conditions
 - c. Erosion Control Barrier- where it will be installed and a detail of the barrier to be used (note, no hay bales!)
 - d. All wetland resource areas (see item 2 above)
 - e. Endangered Species Habitat *N/A*
5. **Application Fees**
 - a. Wetland Fee Transmittal Form – 1 Copy
 - b. One check to the Commonwealth: 1 copy, see 310 CMR 10.03 (7)(c) to determine the category. Once the category is confirmed, see 310 CMR 4.10 (8) (n)4. for the fee amount.
 - c. One check to the Town of Ashland for the town share of the fee under the Wetlands Protection Act. 2 copies
 - d. A second check to the Town of Ashland for the bylaw fee: 2 Copies (c. 348-2)
6. **Make an extra copy of everything from 1-5 and Submit your Application:**
 - a. State: Electronically submit the application, locus map, narrative and site plans to DEP using [eDEP](#).

- b. **State Fee:** Submit the state check, transmittal fee form, and photocopy of the town checks to Dept. of Environmental Protection, PO. Box. 4062, Boston, MA. 02211
 - c. **Conservation Commission:** 101 Main Street, Ashland MA. 01721.c All documents listed above, as well as a pdf as indicated below, and to conservation@ashlandmass.com.
7. For items 1-5, provide a pdf of everything, and CAD Files georeferenced to State Plane NAD 83 ft., if applicable, and send it to conservation@ashlandmass.com
8. **Receive hearing date and time information** from the Conservation Agent, and receive a date and time for a **pre-hearing site visit**.
9. **Legal Notice.** The Conservation Commission posts the legal notice. The applicant will get billed by Gatehouse Media.
10. **Notify Abutters** within 7 business days (no weekends or holidays).
- a. Obtain a Certified List of Abutters from the Assessor's Office
 - b. Notify abutters (certified mailing or hand delivery only) of the hearing date and time using the Commission's template and fill out an Affidavit of Service.
 - c. Mail the proof of Mailing to the Ashland Town Hall, at 101 Main Street. Note that it must be received before the scheduled meeting date. You can drop it off in the grey box located on the side of Town Hall.
11. Attend the Zoom Meeting.

Town of Ashland Conservation Commission

LOCAL FILING FEE CALCULATION WORKSHEET

1. NOTICE OF INTENT (NOI)

C1: Work on Existing Single Family Lot This includes pools, additions, etc.	\$110.00	<u>\$ 110.00</u>
C2: Construction of Single Family House, Crossings for Driveways, etc.	\$500.00	_____
C3: Commercial Building, Road Construction, etc.	\$1050.00	_____
C4: Crossings for Development or Commercial Road, Bridge, etc.	\$1450.00	_____
C5: Work on Docks, Piers, Dikes, or other Engineering Structures in inland resource areas	_____	*\$4= _____ Linear Feet
C6: Resource Area Delineation Review Includes boundary delineations for vegetated wetlands as part of a permit application (ANRAD/ RDA with delineations/ NOI with delineations)	_____	*\$2= _____ Linear Feet
*single family lots limited to \$200; \$2000 limit for all others		
All NOIs add 50% of the fee for work in Riverfront Area	_____	*\$0.5= _____ Above Fee

2. STORMWATER MANAGEMENT PERMIT

Basic Residential Application	\$100.00	_____
Application for Residential Subdivision or Multifamily Development	\$500.00	_____
Commercial Application	\$750.00	_____
Notice of Completion for Non-Basic Residential	\$150.00	_____
Permit Extension	\$150.00	_____



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Ashland

City/Town

Important:
When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Note:
Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

7 Bresnick Lane
a. Street Address

Ashland
b. City/Town

01721
c. Zip Code

Latitude and Longitude:
42.26655
d. Latitude

-71.47696
e. Longitude

014008
f. Assessors Map/Plat Number

002160000
g. Parcel /Lot Number

2. Applicant:

Yulia and Wanderson
a. First Name

Heringer
b. Last Name

c. Organization

7 Bresnick Lane
d. Street Address

Ashland
e. City/Town

MA
f. State

01721
g. Zip Code

617-412-7007
h. Phone Number

i. Fax Number

j. Email Address

3. Property owner (required if different from applicant): Check if more than one owner

a. First Name

b. Last Name

c. Organization

d. Street Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

i. Fax Number

j. Email address

4. Representative (if any):

Karon
a. First Name

Skinner Catrone
b. Last Name

c. Company

63 Gilbert Drive
d. Street Address

Stoughton
e.

MA
f. State

02072
g. Zip Code

508-668-4401
h. Phone Number

i. Fax Number

karon.skinner@ymail.com
j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

\$110.00
a. Total Fee Paid

\$67.50
b. State Fee Paid

\$42.50
c. City/Town Fee Paid



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A. General Information (continued)

6. General Project Description:

The applicant is proposing the installation of an 8' wide porch, in-ground pool and a patio.

7a. Project Type Checklist: (Limited Project Types see Section A. 7b.)

- | | |
|---|---|
| 1. <input checked="" type="checkbox"/> Single Family Home | 2. <input type="checkbox"/> Residential Subdivision |
| 3. <input type="checkbox"/> Commercial/Industrial | 4. <input type="checkbox"/> Dock/Pier |
| 5. <input type="checkbox"/> Utilities | 6. <input type="checkbox"/> Coastal engineering Structure |
| 7. <input type="checkbox"/> Agriculture (e.g., cranberries, forestry) | 8. <input type="checkbox"/> Transportation |
| 9. <input type="checkbox"/> Other | |

7b. Is any portion of the proposed activity eligible to be treated as a limited project (including Ecological Restoration Limited Project) subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. Yes No If yes, describe which limited project applies to this project. (See 310 CMR 10.24 and 10.53 for a complete list and description of limited project types)

2. Limited Project Type

If the proposed activity is eligible to be treated as an Ecological Restoration Limited Project (310 CMR10.24(8), 310 CMR 10.53(4)), complete and attach Appendix A: Ecological Restoration Limited Project Checklist and Signed Certification.

8. Property recorded at the Registry of Deeds for:

Middlesex

a. County

72622

c. Book

b. Certificate # (if registered land)

0406

d. Page Number

B. Buffer Zone & Resource Area Impacts (temporary & permanent)

- Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
- Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.



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B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input type="checkbox"/> Bank	1. linear feet	2. linear feet
b. <input type="checkbox"/> Bordering Vegetated Wetland	1. square feet	2. square feet
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	1. square feet	2. square feet
	3. cubic yards dredged	

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet	2. square feet
	3. cubic feet of flood storage lost	4. cubic feet replaced
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet	
	2. cubic feet of flood storage lost	3. cubic feet replaced

f. Riverfront Area

1. Name of Waterway (if available) - specify coastal or inland _____

2. Width of Riverfront Area (check one):

25 ft. - Designated Densely Developed Areas only

100 ft. - New agricultural projects only

200 ft. - All other projects

3. Total area of Riverfront Area on the site of the proposed project: _____ square feet

4. Proposed alteration of the Riverfront Area:

a. total square feet b. square feet within 100 ft. c. square feet between 100 ft. and 200 ft.

5. Has an alternatives analysis been done and is it attached to this NOI? Yes No

6. Was the lot where the activity is proposed created prior to August 1, 1996? Yes No

3. Coastal Resource Areas: (See 310 CMR 10.25-10.35)

Note: for coastal riverfront areas, please complete **Section B.2.f.** above.



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B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users:
 Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	1. square feet _____ 2. cubic yards dredged _____	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	1. square feet _____	2. cubic yards beach nourishment _____
e. <input type="checkbox"/> Coastal Dunes	1. square feet _____	2. cubic yards dune nourishment _____
	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	1. linear feet _____	
g. <input type="checkbox"/> Rocky Intertidal Shores	1. square feet _____	
h. <input type="checkbox"/> Salt Marshes	1. square feet _____	2. sq ft restoration, rehab., creation _____
i. <input type="checkbox"/> Land Under Salt Ponds	1. square feet _____ 2. cubic yards dredged _____	
j. <input type="checkbox"/> Land Containing Shellfish	1. square feet _____	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	
	1. cubic yards dredged _____	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	1. square feet _____	
4. <input type="checkbox"/> Restoration/Enhancement	If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.	
	a. square feet of BVW _____	b. square feet of Salt Marsh _____
5. <input type="checkbox"/> Project Involves Stream Crossings		
	a. number of new stream crossings _____	b. number of replacement stream crossings _____



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C. Other Applicable Standards and Requirements

- This is a proposal for an Ecological Restoration Limited Project. Skip Section C and complete Appendix A: Ecological Restoration Limited Project Checklists – Required Actions (310 CMR 10.11).

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

- 1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://maps.massgis.state.ma.us/PRI_EST_HAB/viewer.htm.

a. Yes No **If yes, include proof of mailing or hand delivery of NOI to:**

**Natural Heritage and Endangered Species Program
Division of Fisheries and Wildlife
1 Rabbit Hill Road
Westborough, MA 01581**

August 1, 2017
b. Date of map

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.c, and include requested materials with this Notice of Intent (NOI); OR complete Section C.2.f, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

c. Submit Supplemental Information for Endangered Species Review*

- 1. Percentage/acreage of property to be altered:

(a) within wetland Resource Area _____
percentage/acreage

(b) outside Resource Area _____
percentage/acreage

- 2. Assessor's Map or right-of-way plan of site

- 2. Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **

(a) Project description (including description of impacts outside of wetland resource area & buffer zone)

(b) Photographs representative of the site

* Some projects not in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/>). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands

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C. Other Applicable Standards and Requirements (cont'd)

(c) MESA filing fee (fee information available at http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_fee_schedule.htm).
 Make check payable to "Commonwealth of Massachusetts - NHESP" and **mail to NHESP** at above address

Projects altering 10 or more acres of land, also submit:

(d) Vegetation cover type map of site

(e) Project plans showing Priority & Estimated Habitat boundaries

(f) OR Check One of the Following

1. Project is exempt from MESA review.
 Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhosp/regulatory_review/ mesa/ mesa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

2. Separate MESA review ongoing. a. NHESP Tracking # b. Date submitted to NHESP

3. Separate MESA review completed.
 Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.

3. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?

a. Not applicable – project is in inland resource area only b. Yes No

If yes, include proof of mailing, hand delivery, or electronic delivery of NOI to either:

South Shore - Cohasset to Rhode Island border, and the Cape & Islands:

Division of Marine Fisheries -
 Southeast Marine Fisheries Station
 Attn: Environmental Reviewer
 836 South Rodney French Blvd.
 New Bedford, MA 02744
 Email: DMF.EnvReview-South@state.ma.us

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -
 North Shore Office
 Attn: Environmental Reviewer
 30 Emerson Avenue
 Gloucester, MA 01930
 Email: DMF.EnvReview-North@state.ma.us

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

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C. Other Applicable Standards and Requirements (cont'd)

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
- a. Yes No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.
- 2017
- b. ACEC
5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
- a. Yes No
6. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?
- a. Yes No
7. Is this project subject to provisions of the MassDEP Stormwater Management Standards?
- a. Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
1. Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
 2. A portion of the site constitutes redevelopment
 3. Proprietary BMPs are included in the Stormwater Management System.
- b. No. Check why the project is exempt:
1. Single-family house
 2. Emergency road repair
 3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

- This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1. USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2. Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection – Wetlands & Waterways

BRP WPA Form 3 - Notice of Intent Instructions and Supporting Materials

TOWNS WITH ACECs WITHIN THEIR BOUNDARIES

Town	ACEC NAME	Town	ACEC NAME
Ashby	Squannassit	Lunenburg	Squannassit
Ayer	Petapawag and Squannassit	Lynn	Rumney Marshes
Barnstable	Sandy Neck/Barnstable Harbor	Mansfield	Canoe River Aquifer
Bolton	Central Nashua River Valley	Mashpee	Waquoit Bay
Boston	Rumney Marshes	Melrose	Golden Hills
	Fowl Meadow and Ponkapoag Bog	Milton	Fowl Meadow and Ponkapoag Bog
	Neponset River Estuary		Neponset River Estuary
Bourne	Pocasset River	Mt Washington	Karner Brook Watershed, Schenob Brook
	Herring River Watershed		Parker River/Essex Bay
	Bourne Back River	Newbury	Hockomock Swamp
Braintree	Cranberry Brook Watershed	Norton	Canoe River Aquifer
Brewster	Pleasant Bay, Inner Cape Cod Bay		Three Mile River
Bridgewater	Hockomock Swamp		Fowl Meadow and Ponkapoag Bog
Canton	Fowl Meadow and Ponkapoag Bog	Norwood	Inner Cape Cod Bay, Pleasant Bay
Chatham	Pleasant Bay	Orleans	Petapawag and Squannassit
Cohasset	Weir River	Pepperell	Hinsdale Flats Watershed
Dalton	Hinsdale Flats Watershed	Peru	Herring River Watershed, Ellisville Harbor
Dedham	Fowl Meadow and Ponkapoag Bog	Plymouth	Neponset River Estuary
Dighton	Three Mile River		Fowl Meadow and Ponkapoag Bog
Dunstable	Petapawag	Quincy	Hockomock Swamp
Eastham	Inner Cape Cod Bay	Randolph	Rumney Marshes
	Wellfleet Harbor	Raynham	Parker River/Essex Bay
Easton	Canoe River Aquifer	Revere	Sandy Neck/Barnstable Harbor
	Hockomock Swamp	Rowley	Rumney Marshes, Golden Hills
Egremont	Karner Brook Watershed	Sandwich	Canoe River Aquifer
Essex	Parker River/Essex Bay	Saugus	Fowl Meadow and Ponkapoag Bog
Falmouth	Waquoit Bay	Sharon	Schenob Brook
Foxborough	Canoe River Aquifer		Squannassit
Gloucester	Parker River/Essex Bay	Sheffield	Kampoosa Bog Drainage Basin
Groton	Petapawag and Squannassit	Shirley	Hockomock Swamp, Canoe River Aquifer, Three Mile River
Grafton	Miscoe-Warren-Whitehall Watersheds	Stockbridge	Squannassit
Harvard	Central Nashua River Valley	Taunton	Squannassit
	Squannassit		Wellfleet Harbor
Harwich	Pleasant Bay	Townsend	Petapawag
Hingham	Weir River, Weymouth Back River	Truro	Miscoe-Warren-Whitehall Watersheds
Hinsdale	Hinsdale Flats Watershed	Tyngsborough	Golden Hills
Holbrook	Cranberry Brook Watershed	Upton	Hinsdale Flats Watershed
Hopkinton	Westborough Cedar Swamp	Wakefield	Wellfleet Harbor
	Miscoe-Warren-Whitehall Watersheds	Washington	Hockomock Swamp
Hull	Weir River	Wellfleet	Westborough Cedar Swamp
Ipswich	Parker River/Essex Bay	W Bridgewater	Fowl Meadow and Ponkapoag Bog
Lancaster	Central Nashua River Valley	Westborough	Weymouth Back River
	Squannassit	Westwood	Rumney Marshes
Lee	Kampoosa Bog Drainage Basin	Weymouth	
Leominster	Central Nashua River Valley	Winthrop	



Massachusetts Department of Environmental Protection
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D. Additional Information (cont'd)

3. Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.

4. List the titles and dates for all plans and other materials submitted with this NOI.

PROPOSED POOL PLAN OF LAND IN ASHLAND

a. Plan Title

Colonial Engineering, Inc.

Anthony Dellorco

b. Prepared By

c. Signed and Stamped by

November 26, 2022

1"=20'

d. Final Revision Date

e. Scale

f. Additional Plan or Document Title

g. Date

5. If there is more than one property owner, please attach a list of these property owners not listed on this form.
6. Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.
7. Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.
8. Attach NOI Wetland Fee Transmittal Form
9. Attach Stormwater Report, if needed.

E. Fees

1. Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

1570

2. Municipal Check Number

1/5/23

3. Check date

1358

4. State Check Number

1/5/23

5. Check date

Karon

6. Payor name on check: First Name

Skinner Catrone

7. Payor name on check: Last Name

KARON SKINNER CATRONE
63 GILBERT DR
STOUGHTON MA 02072-3913

1569
53-13/110 MA
1865

1/5/23 DATE

PAY TO THE ORDER OF Town of Ashland \$ 67⁵⁰/₁₀₀
sixty seven ⁵⁰/₁₀₀ DOLLARS

BANK OF AMERICA

Wealth Management Banking

ACH R/T 011000138

7 Bresnich Lane

[Signature]

KARON SKINNER CATRONE
63 GILBERT DR
STOUGHTON MA 02072-3913

1570
53-13/110 MA
1865

1/5/23 DATE

PAY TO THE ORDER OF Town of Ashland \$ 110⁰⁰
One hundred ten ⁰⁰/₁₀₀ DOLLARS

BANK OF AMERICA

Wealth Management Banking

ACH R/T 011000138

7 Bresnichs - Bylaw

[Signature]

KARON SKINNER CATRONE
63 GILBERT DR
STOUGHTON MA 02072-3913

1568
53-13/110 MA
1865

1/5/23 DATE

PAY TO THE ORDER OF Commonwealth of MA \$ 42⁵⁰
forty two ⁵⁰/₁₀₀ DOLLARS

BANK OF AMERICA

Wealth Management Banking

ACH R/T 011000138

7 Bresnich Lane

[Signature]



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

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Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Ashland

City/Town

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

	1/5/23
1. Signature of Applicant	2. Date
3. Signature of Property Owner (if different)	4. Date
	1/5/23
5. Signature of Representative (if any)	6. Date

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



A. Applicant Information

1. Location of Project:

7 Bresnick Lane Ashland
 a. Street Address b. City/Town
 1568 \$42.50
 c. Check number d. Fee amount

2. Applicant Mailing Address:

Yulia and Wanderson Heringer
 a. First Name b. Last Name
 c. Organization
 7 Bresnick Lane
 d. Mailing Address
 Ashland MA 01721
 e. City/Town f. State g. Zip Code
 617-412-7007
 h. Phone Number i. Fax Number j. Email Address

3. Property Owner (if different):

a. First Name b. Last Name
 c. Organization
 d. Mailing Address
 e. City/Town f. State g. Zip Code
 h. Phone Number i. Fax Number j. Email Address

B. Fees

Fee should be calculated using the following process & worksheet. **Please see instructions before filling out worksheet.**

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.

To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
1a	1	\$110.00	\$110.00

Step 5/Total Project Fee: _____

Step 6/Fee Payments:

Total Project Fee:	\$110.00
State share of filing Fee:	\$42.50
City/Town share of filling Fee:	\$67.50
	a. Total Fee from Step 5
	b. 1/2 Total Fee less \$12.50
	c. 1/2 Total Fee plus \$12.50

C. Submittal Requirements

- a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
Box 4062
Boston, MA 02211

- b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a copy of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a copy of this form; and a copy of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)

PROJECT NARRATIVE

Wetland Delineation

The wetland resource area was delineated by Karon Skinner Catrone on 11/11/22. The Bordering Vegetated Wetland (BVW) was delineated in the field in accordance with the definition set forth in the regulations at 310 CMR 10.00 and the Ashland Wetland Protection Bylaw. The methodology used to make the determination that Bordering Vegetated Wetland is that 50% or more of the vegetational community consists of wetland indicator plants and saturated or inundated soils.

Findings

Bordering Vegetated Wetlands were observed in the rear of the property associated with an intermittent stream. Plant species observed in the area of flag 5 (closest wetland flag to the proposed work) include: mostly, Pine/*Pinus strobus*, Buckthorn/*Phamnus frangula*, Oak/*Quercus ruba*, Cinnamon Fern/*Osmunda cinnamomea* and Sphagnum moss.

Evidence of wetland hydrology including hydric soils, high groundwater and saturated soils were found within the delineated Bordering Vegetated Wetland. A 100-foot jurisdictional buffer zone exists from the wetland line through most of the property. The property does not have 100-year floodplain, Riverfont Area or Natural Heritage and Endangered Species issues associated with this project.

Proposed Project

The project is located at 7 Bresnick Lane, Ashland. The site currently consists of a single-family home on a 30,319 sq. ft. lot. The applicant is proposing the installation of a 18' x 32' sq. ft. in-ground pool, a patio and an 8' wide porch (the porch is outside the buffer zone). The grade of the area of installation is fairly flat but drops quickly at the fence line due to a retaining wall. All work is proposed outside the 50' buffer zone. The proposed work will cause a 1,334 sq. ft. disturbance in the 50' to 100' buffer zone. No trees will need to be removed in association with this project.

Conclusion

The project consists of work only within the buffer zone. The current approach to constructing the pool provides the most advantageous methodology to minimize adverse effects to the resource area. The applicant will keep all impervious surfaces clean during the construction of the project. A straw wattle and a silt fence will be installed as shown on the plan. Silt sacks will be installed in any catch basins which are down gradient and within 50 feet of the project, if necessary, to further protect any nearby resource areas during construction. The disturbed areas will be loamed and seeded. If the work is done at a time the disturbed area cannot be planted, an erosion control blanket will be installed until the area can be seeded. The installer will be instructed of the importance of the resource area and informed there must be no disturbance beyond the limit of work. One entrance and exit will be used to minimize impact.

**TOWN OF ASHLAND
APPLICATION FOR ABUTTERS LIST**

Owner's Name Yulia Blashkevich

Subject Parcel Address 7 Bresnick Lane, Ashland

Map and Parcel # 01400800216 00000

WITHIN HOW MANY FEET DO YOU NEED ABUTTERS?

Immediate 100 Feet 300 Feet Other - Please Specify _____

PLEASE INDICATE WHICH DEPARTMENT THIS LIST IS FOR.

Inspection Services Zoning Board Planning Board
 Conservation Commission Select Board Board of Health

PLEASE INDICATE BELOW HOW YOU WOULD LIKE TO BE CONTACTED

CONTACT NAME (if different from above): Karon S. Catrone

MAIL: 63 Gilbert Dr. Stoughton MA

PHONE #: _____

FAX # _____

IF YOU WISH TO RECEIVE THIS LIST BY EMAIL PLEASE LIST EMAIL ADDRESS BELOW.**

EMAIL ADDRESS: Karon.Skinner@gmail.com

COST: \$2.00 PER PARCEL/PER ABUTTER WITH A MAXIMUM OF \$50.00.

Cash or personal checks are accepted. Please make checks out to Town of Ashland.

{{{No abutters lists are to be faxed, mailed or picked up in person until we have payment.}}}

ASHLAND BOARD OF ASSESSORS

THE LIST IS VALID FOR 90 DAYS FROM CERTIFICATION DATE. THE BOARD OF ASSESSORS RESERVES 10 WORKING DAYS TO PROVIDE ALL CERTIFIED LISTS OF ABUTTERS.

Notification to Abutters

By Hand Delivery, Certified Mail (return receipt requested), or Certificates of Mailing

This is a notification required by law. You are receiving this notification because you have been identified as the owner of land abutting another parcel of land for which certain activities are proposed. Those activities require a permit under the Massachusetts Wetlands Protection Act (M.G.L. c. 131, § 40).

In accordance with the second paragraph of the Massachusetts Wetlands Protection Act, 310 CMR 10.05(4)(a) of the Wetlands Regulations, and the Ashland General Wetlands Protection Bylaw, you are hereby notified that:

- A. A Notice of Intent was filed with the Ashland Conservation Commission on January 6, 2023 seeking permission to remove, fill, dredge, or alter an area subject to protection under M.G.L. c. 131 §40. The following is a description of the proposed activity/activities:

Installation of an in-ground pool, patio and 8' wide porch.

- B. The name of the applicant is: Yulia and Wanderson Heringer.
- C. The address of the land where the activity is proposed is: 7 Bresnick Lane, Ashland, MA 01721.
- D. Copies of the Notice of Intent may be examined or obtained at the office of the Ashland Conservation Commission, located at 101 Main Street, Ashland, MA. The regular business hours of the Commission are Monday, Tuesday, Thursday 8:00 am – 3:30 pm and Wednesday 8:00 am – 7:00 pm., and the Commission may be reached at 508-881-0100.
- E. Copies of the Notice of Intent may be obtained from the applicant or Karon Skinner Catrone, representative, by calling 508-668-440. An administrative fee may be applied for providing copies of the NOI and plans.
- F. Information regarding the date, time, and location of the public hearing regarding the Notice of Intent may be obtained from the Ashland Conservation Commission. Notice of the public hearing will be published at least five business days in advance, in the Metrowest Daily News.

Notification provided pursuant to the above requirement does not automatically confer standing to the recipient to request Departmental Action for the underlying matter. See 310 CMR 10.05(7)(a)4.

Property Information

Property Location: 7 BRESNICK LN

Class: R-RESIDENTIAL
Use Code (LUC): 101-SINGLE FAMILY RESIDENCE
District: MA014 - ASHLAND
Deeded Acres: .7000
Square Feet: 30,492

Owner

Owner: HERINGER YULIA
Co-Owner: WANDERSON HERINGER
City: ASHLAND
Address: 7 BRESNICK LN
State: MA
Zip Code: 01721
Deed Book/Page: 72622/0406

Sales

Sale Date (D/M/Y)	Book/Page	Sale Price	Grantee:	Grantor:	Cert Doc #
17-05-2019	72622-0406	\$670,000	HERINGER YULIA	YU XUDONG	
29-04-2010	54607-0366	\$560,000	YU XUDONG	AHO DANIEL	

Owner History

Tax Year: 2023
 Owner: HERINGER YULIA
 Co-Owner: WANDERSON HERINGER
 Sale Care Of:
 State: MA
 City: ASHLAND
 Address: 7 BRESNICK LN
 Zip Code: 01721
 Deed Book/Page: 72622/0406

Land

Land Line #	Land Type	Land Code	Class	Square Feet	Acres	Suppressed	CH61B %	Infl %	Infl Reason	Infl %	Infl 2 Reason	Base Rate	Chap Market Value	Assessed Value
1	S-SQUARE FOOT P-PRIMARY		101-SINGLE FAMILY RESIDENCE	30,319	.70	N						9	279,673	279,673
Total:													0	279,673

Printed on Friday, December 23, 2022, at 11:15:03 AM EST

DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

Applicant: _____ Prepared by: Karon Skinner Catrone Project Location: 7 Bresnick Lane DEP File #: _____

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out Section I only
- Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II
- Method other than dominance test used (attach additional information)

Section I. Vegetation Observation Plot Number: _____ **Wetland** Transect Number: _____ **Flag** 5 Date of Delineation: **11/11/22**

A. Sample Layer and Plant Species (by common/scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category*
<u>Trees:</u> Maple/Acer Rubrum Oak/Quercus ruba	20.5/31 10.5/31	66.1 33.8	YES NO	*FAC FACU-
<u>Shrubs:</u> Highbush blueberry/Vaccinium corymbosum Pine/Pinus strobus	20.5/31 10.5/31	66.1 33.8	YES NO	*FACW FACU
<u>Ground Cover:</u> Cinnamon Fern/Osmunda cinnamomea Buckthorn/Rhamnus frangula Sphagnum/	10.5/31.5 10.5/31.5 10.5/31.5	33.3 33.3 33.3	YES YES NO	*FACW *FAC *FACW

- Use an asterisk to mark indicator plants: plant species listed in the wetlands Protection Act (MGL c.131, s.40); plants in the genus *Sphagnum*; plants listed as FAC, FAC+, FACW-, FACW, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological or morphological adaptations, describe the adaptation next to the asterisk.

Vegetation conclusion:

Number of dominant wetland indicator plants: **4**

Number of dominant non-wetland indicator plants: **0**

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants: **yes** **no**

Wetland soils

Exhibit

Section II. Indicators of Hydrology

Other Indicators of Hydrology: (check all that apply and describe)

Hydric Soil Interpretation

1. Soil Survey - MassMapper

Is there a published soil survey for this site? Yes No

title/date:

map number:

soil type mapped: Whitman 81% Ridgebury 10% Scarborough 5% Swansea 3%

hydric soil inclusions:

Are field observations consistent with soil survey? yes no

Remarks: Sunny

2. Soil Description

Horizon	Depth	Matrix Color	Mottles Color
Leaf litter	0-1"		
A	1"-6"	10 yr 3/1	
B	6"-	10 yr 5/1	

Remarks :

3. Other:

Conclusion: Is soil hydric? yes no

Site inundated: _____

Depth to free water in observation hole: 1 inch

Depth to soil saturation in observation hole: 1 inch

Water marks: _____

Drift lines: _____

Sediment deposits: _____

Drainage patterns in BVW: _____

Oxidized rhizospheres: _____

Water-stained leaves: _____

Recorded data (stream, lake, or tidal gauge; aerial photo; other): _____

Other: _____

Vegetation and Hydrology Conclusion

Number of wetland indicator plants greater than or equal to number of non-wetland indicator plants yes no

Wetland hydrology present: hydric soil present other indicators of hydrology present

Sample location is in BVW

DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Data Form

Applicant: _____ Prepared by: Karon Skinner Catrone Project Location: 7 Bresnick Lane DEP File #: _____

Check all that apply:

- Vegetation alone presumed adequate to delineate BVW boundary: fill out Section I only
- Vegetation and other indicators of hydrology used to delineate BVW boundary: fill out Sections I and II
- Method other than dominance used (attach additional information)

Section I. Vegetation Observation Plot Number: Upland Transect Number: flag 5 Date of Delineation: 11/11/22

A. Sample Layer and Plant Species (by common/scientific name)	B. Percent Cover (or basal area)	C. Percent Dominance	D. Dominant Plant (yes or no)	E. Wetland Indicator Category*
<u>Ground Cover</u>				
Grass/Echinochloa crusgalli	20.5/41.5	49.3	YES	FACU
Pine/Pinus strobus	10.5/41.5	25.3	YES	FACU
Buckthorn/Phammus frangula	10.5/41.5	25.3	NO	*FAC
<u>Shrubs</u>				
Pine/Pinus strobus	10.5/10.5	100	YES	FACU
<u>Tree</u>				
Oak/Quercus ruba	10.5/21	50	YES	FACU-
Pine/Pinus strobus	10.5/21	50	YES	FACU

- Use an asterisk to mark indicator plants: plant species listed in the wetlands Protection Act (MGL c.131, s.40); plants in the genus *Sphagnum*; plants listed as FAC, FAC+, FACW, FACW+, or OBL; or plants with physiological or morphological adaptations. If any plants are identified as wetland indicator plants due to physiological or morphological adaptations, describe the adaptation next to the asterisk.

Vegetation conclusion:

Number of dominant wetland indicator plants: 0

Number of dominant non-wetland indicator plants: 5

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants: yes no

UPLAND soils

Exhibit

66 Section II. Indicators of Hydrology

Other Indicators of Hydrology: (check all that apply and describe)

Hydric Soil Interpretation

1. Soil Survey - MassMapper

Is there a published soil survey for this site? Yes No

title/date:

map number:

soil type mapped: Whitman 81% Ridgebury 10% Scarborough 5%
Swansea 3%

hydric soil inclusions:

Are field observations consistent with soil survey? yes no

Remarks: Sunny

2. Soil Description

Horizon	Depth	Matrix Color	Mottles Color
Leaf litter	0-1"		
Oe	1"-2"	10 yr 3/2	
A	2"- 6"	10 yr 3/2	
B	6"-	10 yr 4/3	

Remarks : dry

3. Other:

Conclusion: Is soil hydric? yes no

- Site inundated: _____
- Depth to free water in observation hole: _____
- Depth to soil saturation in observation hole: _____
- Water marks: _____
- Drift lines: _____
- Sediment deposits: _____
- Drainage patterns in BVW: _____
- Oxidized rhizospheres: _____
- Water-stained leaves: _____
- Recorded data (stream, lake, or tidal gauge; aerial photo; other): _____
- Other: _____

Vegetation and Hydrology Conclusion		YES	NO
Number of wetland indicator plants greater than or equal to number of non-wetland indicator plants		<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wetland hydrology present:			
hydric soil present		<input type="checkbox"/>	<input checked="" type="checkbox"/>
other indicators of hydrology present		<input type="checkbox"/>	<input type="checkbox"/>
Sample location is in BVW		<input type="checkbox"/>	<input checked="" type="checkbox"/>

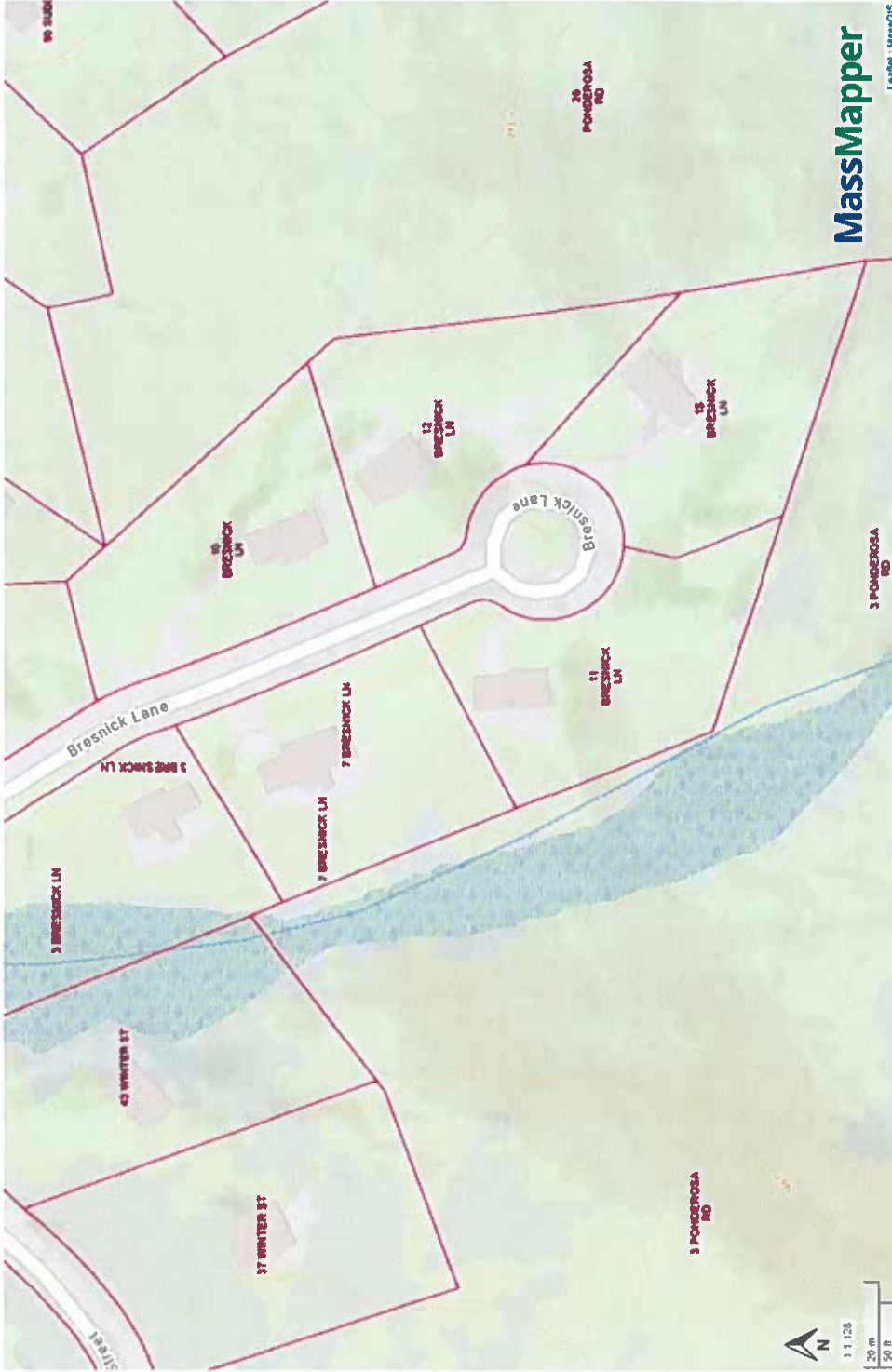
Location of proposed pool



Wetland



USGS data



DEP Wetlands Hydrologic Connections

USGS Water Bodies 25k

- LAKE, POND, OCEAN
- RESERVOIR
- WETLAND
- SALT WETLAND
- SUBMERGED WETLAND
- CRANBERRY BOG
- TIDAL FLAT
- INUNDATED AREA

USGS Rivers and Streams 25k

- Stream
- INTERMITTENT STREAM
- SHORELINE
- INTERMITTENT SHORELINE
- MANMADE SHORELINE
- DITCH/CANAL
- AQUEDUCT
- DAM
- CHANNEL IN WATER

Major Ponds

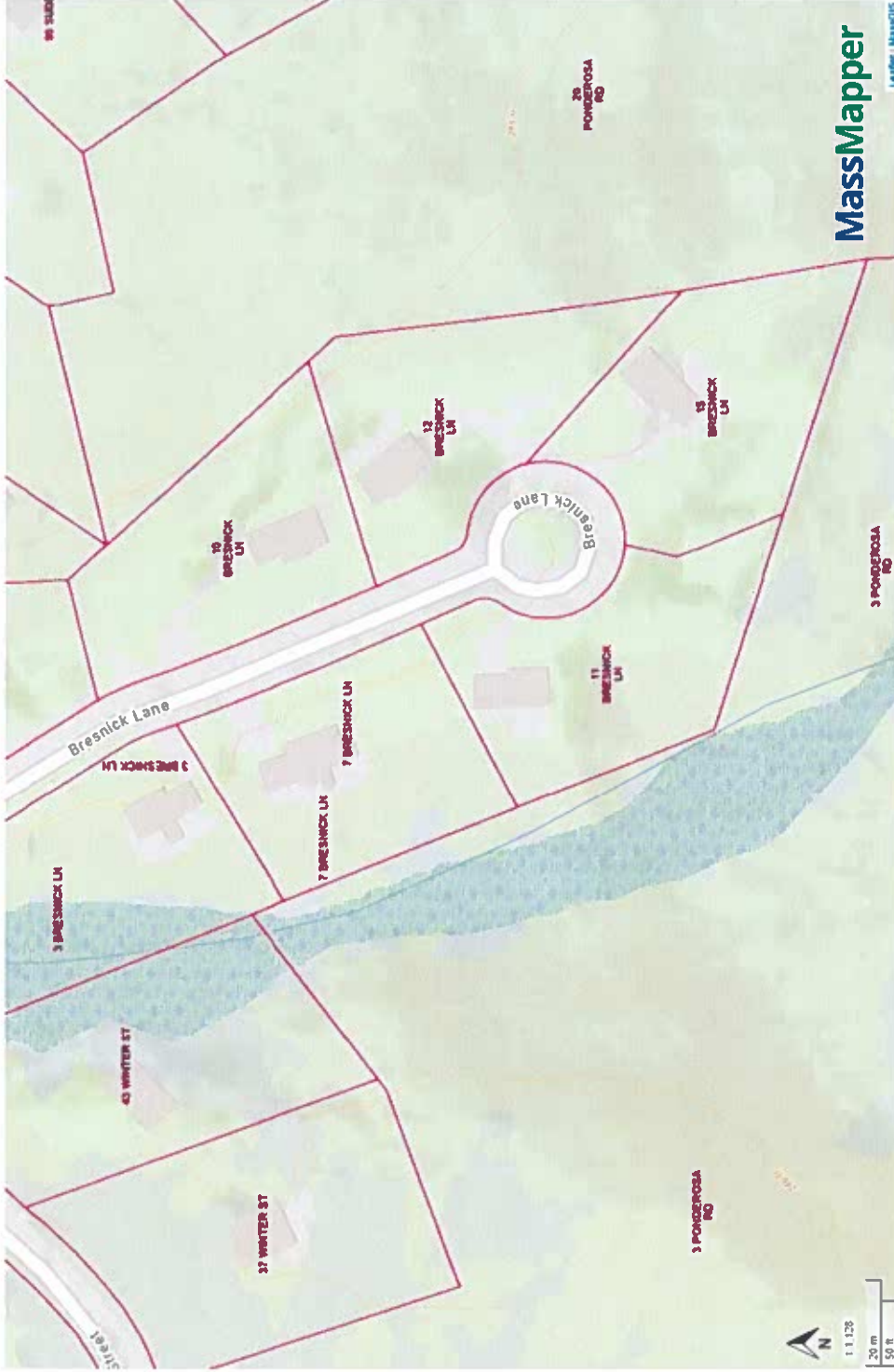
Major Streams

USGS Streams 100k

USGS Ponds 100k

Property Tax Parcels

NHESP data



Potential Vernal Pools



NHESP Natural Communities



NHESP Estimated Habitats of Rare Wildlife



NHESP Certified Vernal Pools



Areas of Critical Environmental Concern
ACECs Boundaries

ROAD/RAIL BASED

RIVER BASED

WETLAND BASED

FLOODPLAIN BASED

TIDAL BASED

CONTOUR BASED

POLITICAL BOUNDARY

PROPERTY LINE BASED

OTHER

NOT DEFINED

Areas of Critical Environmental Concern
ACECs Transparent Green



Areas of Critical Environmental Concern
ACECs



Property Tax Parcels



1:1,128

20 m

50 ft

MassMapper

Leaflet | Mapbox

National Flood Hazard Layer FIRMette



71°28'56"W 42°16'13"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE)
Zone A, V, A99
- With BFE or Depth Zone AE, AO, AH, VE, AF
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile (Zone X)
- Future Conditions 1% Annual Chance Flood Hazard (Zone X)
- Area with Reduced Flood Risk due to Levee. See Notes. (Zone X)
- Area with Flood Risk due to Levee (Zone D)

OTHER AREAS

- NO SCREEN
- Area of Minimal Flood Hazard (Zone X)
- Effective LOWMRs
- Area of Undetermined Flood Hazard (Zone X)

GENERAL STRUCTURES

- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES

- Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS

- Digital Data Available
- No Digital Data Available
- Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 12/23/2022 at 12:29 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for