

Notice of Intent

Under the Massachusetts Wetland Protection Act,
M.G.L. c. 131, s. 40 &
Town of Reading Wetlands Protection Regulations

for

**44 Chequessett Road
Reading, MA 01867**

Applicant: Jesse Birnbaum
44 Chequessett Road
Reading, MA 01867

Date: March 1, 2024

SM-7409

Table of Contents

- **WPA Form 3** (Notice of Intent)
- **WPA Form 3** (NOI Wetland Fee Transmittal Form)
- **Certified Abutters List / Affidavit / Notice to Abutters**
- **Attachments:**
 - *Narrative*
 - *U.S.G.S. Locus Map*
 - *FEMA Flood Insurance Rate map*
 - *Priority Habitats and Estimated Habitats Map – NHESP*
 - *Wetland Data Delineation Sheets*
 - *Wetland Permitting Plan by Stamski And McNary, Inc.*

Narrative

Project Narrative

Existing Conditions:

The site has an existing single-family dwelling on a 0.46± acre lot. There is a Bordering Vegetated Wetland (BVW) present across the northern portion of the site which projects a 100' Buffer Zone on a majority of the lot.

Project Description:

The Purpose of this project is to construct a 108 ± square foot pool and fence within the 100' Buffer Zone. A siltation barrier will define the limit of work along the Zone of Natural Vegetation (ZNV) while mitigating any potential erosion from reaching the BVW. Additionally, a native plant area is proposed within the 25' Natural Vegetation Zone where lawn exists now to mitigate the increase in impervious areas.

Resource Area Descriptions:

The resource area onsite is Bordering Vegetated Wetland (BVW). The BVW is located across the entire northern portion of the property. The BVW was delineated by B & C Associates in October, 2023.

Massachusetts Endangered Species Act Review:

The site is not located within the Priority and Estimated Habitat of Rare Species per Massachusetts Natural Heritage Atlas effective August 1, 2021.

Compliance with General Performance Standards for BVW 310 CMR 10.55(4)(a-e):

Work within the BVW will include the construction of the pool and fence. The General Performance Standards for a Bordering Vegetated Wetland have been met as the proposed project does not alter, fill, or dredge the resource area.

The proposed siltation controls will prevent indirect alteration of wetlands during work on the remaining upland aspects of the project.

Compliance with Town of Reading Wetlands Bylaw:

Section 3, Performance Standards for Resource Areas:

C-3) This standard has been met as there is no work proposed being conducted within the BVW.

D-1,2,3,4,5,6) These standards have been met as there is no proposed work being conducted within the Zone of Natural Vegetation except for the conversion of lawn to native plantings.

Summary:

The project has been designed to meet the performance standards of the Wetlands Protection Act and to protect the resource area from potential future adverse impacts. Proposed structures will be located more than 58' feet from BVW. Erosion controls have been proposed to protect wetland resource areas during construction.

WPA Form 3 (Notice of Intent)

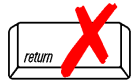


WPA Form 3 – Notice of Intent

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

MassDEP File Number
Document Transaction Number
Reading
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):

<u>44 Chequessett Road</u>	<u>Reading</u>	<u>01867</u>
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:		
<u>Map 28</u>	<u>N 42°31'50.73"</u>	<u>W 71° 05' 44.24"</u>
f. Assessors Map/Plat Number	d. Latitude	e. Longitude
	<u>Lot 131</u>	
	g. Parcel /Lot Number	

2. Applicant:

<u>Jesse</u>	<u>Birnbaum</u>	
a. First Name	b. Last Name	
c. Organization		
<u>44 Chequessett Road</u>		
d. Street Address		
<u>Reading</u>	<u>MA</u>	<u>01867</u>
e. City/Town	f. State	g. Zip Code
<u>703-822-3007</u>	<u>jjbirnbaum@gmail.com</u>	
h. Phone Number	i. Fax Number	j. Email Address

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

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

4. Representative (if any):

<u>Aidan</u>	<u>Schlotman</u>	
a. First Name	b. Last Name	
<u>Stamski and McNary, Inc.</u>		
c. Company		
<u>1000 Main St.</u>		
d. Street Address		
<u>Acton</u>	<u>MA</u>	<u>01720</u>
e. City/Town	f. State	g. Zip Code
<u>(978) 263-8585</u>	<u>abs@stamskiandmcnary.com</u>	
h. Phone Number	i. Fax Number	j. Email address

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

<u>\$110.00</u>	<u>\$42.50</u>	<u>\$67.50 (+\$125 Town Bylaw)</u>
a. Total Fee Paid	b. State Fee Paid	c. City/Town Fee Paid



WPA Form 3 – Notice of Intent

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

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MassDEP File Number

Document Transaction Number

Reading

City/Town

A. General Information (continued)

6. General Project Description:

Construction of pool and fence within the buffer zone of a BVW

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

- 1. Single Family Home
- 2. Residential Subdivision
- 3. Commercial/Industrial
- 4. Dock/Pier
- 5. Utilities
- 6. Coastal engineering Structure
- 7. Agriculture (e.g., cranberries, forestry)
- 8. Transportation
- 9. 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 South

a. County

70151

c. Book

b. Certificate # (if registered land)

512

d. Page Number

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

- 1. 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.
- 2. 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.



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
Reading
City/Town

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. <input type="checkbox"/> 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.
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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.



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
Reading
City/Town

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. 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. Project Involves Stream Crossings

_____	_____
a. number of new stream crossings	b. number of replacement stream crossings



WPA Form 3 – Notice of Intent

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

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MassDEP File Number

Document Transaction Number

Reading

City/Town

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, 2021

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.



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

Reading

City/Town

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

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

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.
- 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.



WPA Form 3 – Notice of Intent

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

Provided by MassDEP:
MassDEP File Number
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Reading
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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.

Wetlands Permitting Plan In Reading, Massachusetts

a. Plan Title

Stamski and McNary, Inc.

George Dimakarakos, P.E.

b. Prepared By

c. Signed and Stamped by

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:

511

2. Municipal Check Number

2/23/24

3. Check date

512

4. State Check Number

2/23/24

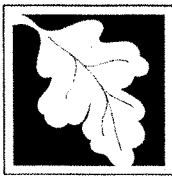
5. Check date

Jesse

6. Payor name on check: First Name

Birnbaum

7. Payor name on check: Last Name



WPA Form 3 – Notice of Intent

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

MassDEP File Number

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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. Signature of Applicant

2. Date

2/23/24

3. Signature of Property Owner (if different)

4. Date

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.

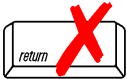
The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.

WPA Form 3 (NOI Wetland Fee Transmittal Form)



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:

44 Chequessett Road Reading
 a. Street Address b. City/Town
 512 \$42.50
 c. Check number d. Fee amount

2. Applicant Mailing Address:

Jesse Birnbaum
 a. First Name b. Last Name

 c. Organization
 44 Chequessett Road
 d. Mailing Address
 Reading MA 01867
 e. City/Town f. State g. Zip Code
 703-822-3007 jjbirnbaum@gmail.com
 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
Category 1	1	\$110	\$110
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Step 5/Total Project Fee: _____

Step 6/Fee Payments:

Total Project Fee:	<u>\$110.00</u>
State share of filing Fee:	a. Total Fee from Step 5 <u>\$42.50</u>
City/Town share of filing Fee:	b. 1/2 Total Fee less \$12.50 <u>\$67.50(+\$125 Bylaw)</u>
	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.)

Bylaw Fee Calculation Form

Reading Wetlands Protection Bylaw Fee Calculation Form

Type of Activity	NOI Filing Fee	Calculated Fee
A. Each addition to or accessory use activity Associated with an existing single-family or Multi-family residential dwelling, including but not limited to driveways, sheds, swimming pools, athletic courts, additions to existing houses, grading, and landscaping	\$125.00 plus all applicable fees listed in lines F through K	\$125
B. Each new single-family dwelling, including associated driveway, utilities, grading, landscaping, and drainage structures	\$600.00 plus all applicable fees listed in lines F through K	
C. Each new multi-family dwelling	\$600.00 plus \$125.00 per unit located in any Resource Area or Buffer Zone, plus all applicable fees listed in lines F through K	
D. Each subdivision roadway, or other roadway, or driveway (other than for a single-family dwelling), and all associated drainage structures, utilities, grading, curbing, landscaping, and other associated work exclusive of dwellings	\$1,000.00 plus \$600.00 per house, plus all applicable fees listed in lines F through K	
E. Each commercial, industrial, institutional or other non-residential project	\$1,000.00 , plus all applicable fees listed in lines F through K	
F. Boundary delineation for any Resource Area	\$1.25 per linear foot of Resource Area boundary, up to a maximum of \$125 for a single-family lot and \$1,250 for any other lot.	
G. Temporary and /or permanent alteration of land within the Buffer Zone	\$1.25 per square foot of Buffer Zone altered for any temporary or permanent alteration within 25 feet of a Resource Area or any permanent structure within 35 feet of a Resource Area	
H. Work in Floodplain	\$1.25 per square foot of Floodplain temporarily or permanently altered outside of any other Resource Area and Buffer Zone	
I. Work in Vernal Pool habitat	\$11.00 per square foot of Vernal Pool habitat temporarily or permanently altered.	
J. Work in Freshwater Wetland, Wet Meadow, Bog, Swamp, Marsh, Creek, River, Stream, Pond, Lake, Land Under Waterbody	\$11.00 per square foot of Resource Area temporarily or permanently altered	
K. Work in Bank	\$11.00 per linear foot of Bank temporarily or permanently altered	
	Total Fee Calculated	\$ <u>125</u>

Certified Abutters List / Affidavit / Notice to Abutters



TOWN OF READING
16 LOWELL STREET
READING, MA 01867-2693

BOARD OF ASSESSORS
781-942-9027
FAX: 781-942-9037

ABUTTERS LIST
CERTIFICATION
FOR BOARD OF ASSESSORS

VICTOR P. SANTANIELLO, CHIEF APPRAISER

DATE



1/22/2024

PHILIP CANNIFF, ASSISTANT APPRAISER

DATE



**TOWN OF READING
16 LOWELL STREET
READING, MA 01867-2693**

**BOARD OF ASSESSORS
TEL.: 781-942-9027
FAX: 781-942-9037**

December 5, 2023

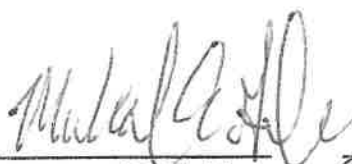
To whom it may concern;

In an effort to streamline our business practices and desire to decrease turnaround time for taxpayers and other municipal departments, please be advised that effective this date, we the Board of Assessors for the Town of Reading Hereby delegate to the Town Appraiser of the Assessing Department signatory authority of all Certified Abutter's Lists as compiled by the department.

Sincerely,

Reading Board of Assessors

Cheryl Moschella



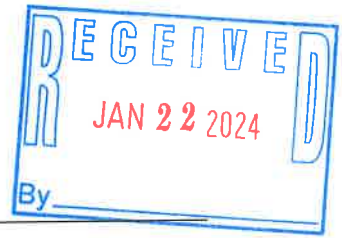
Michael E. Golden



Brendan Zarechian

TOWN OF READING

REQUEST FOR CERTIFIED ABUTTERS LIST



SUBJECT PROPERTY:

ADDRESS: 44 Chequessett Road

Assessors' Map Number: 28 Lot Number: 131

APPLICANT/AGENT:

Name: Aidan Schlotman

Address: 1000 Main Street, Acton, MA 01720

Telephone: 978-263-8585x218 Email: abs@stamskiandmcnary.com

Board or Commission for which this request is made (check all that are applicable):

Community Planning and Development Commission:

- Site Plan Review
Special Permit
Subdivision

Conservation Commission:

- Request for Determination
Abbreviated Notice of Resource Area Delineation
Notice of Intent

Zoning Board of Appeals:

- Appeal
Special Permit
Variance

- Health Department
Historic District Commission
Historical Commission
Other:

Brief description of request:

Abutters List for a Notice of Intent

Applicant/Agent Signature: Aidan Schlotman Date: 1/22/2024

The Assessors' Office may require up to three weeks in order to process and approve this request.

Authorized Signature: [Signature] Date: 1/22/2024

Must be signed by the Public Services Department

ALLARD ROBERT J TRUSTEE ETAL
ALLARD FAMILY TRUST
32 THORNDIKE ST
READING. MA 01867

CRANITCH DANIEL
MAUREEN A CRANITCH
20 CHEQUESSETT RD
READING. MA 01867

LOSI DEREK
LEWIS SARAH
127 BELMONT ST
READING. MA 01867

AUGER NATHANIEL R
AUGER EMILY R TE
126 BELMONT STREET
READING. MA 01867

CUMMINGS PAUL TRUSTEE
PAUL CUMMINGS TRUST
21 CHEQUESSETT RD
READING. MA 01867

MURPHY SIOBHAN C
72 BELMONT ST
READING. MA 01867

BASTIANI ANTHONY V TRSTEE ETAL
AM BASTIANI REALTY TRUST
27 CHEQUESSETT RD
READING. MA 01867

DANKERS KAREN T
112 BELMONT ST
READING. MA 01867

NORMA J LUCEY ETAL TRUSTEES
104 BELMONT ST
READING. MA 01867

BETTANO CHARLES J
CAROL A BETTANO
61 CHEQUESSETT RD
READING. MA 01867

FINE JEFFREY A TRUSTEE
JEFERY A FINE 2023 REVOC TRUST
49 SPRING ST
READING. MA 01867

O'ROURKE THOMAS B
CARMEN MARIE O'ROURKE
50 CHEQUESSETT RD
READING. MA 01867

BIRNBAUM ELENA BRANDANO
BIRNBAUM JESSE
44 CHEQUESSETT RD
READING. MA 01867

FRAZIER KEVIN M
DEBRA L FRAZIER
58 CHEQUESSETT RD
READING. MA 01867

POLLEYS WILLIAM H ETAL TRSTEEES
WILLIAM H POLLEYS LIV TRUST
105 BELMONT ST
READING. MA 01867

BRADSHAW SCOTT L
BRADSHAW DEBORAH J
133 BELMONT STREET
READING. MA 01867

GOODWIN SEAN T
CLARONI BETH M
121 BELMONT ST
READING. MA 01867

POLLOCK ADAM N TRUSTEE ETAL
41 CHEQUESSETT RD REALTY TRUST
41 CHEQUESSETT ROAD
READING. MA 01867

BURKE FRANCIS P TRUSTEE ETAL
33 CHEQUESSETT ROAD NOM TRUST
33 CHEQUESSETT RD
READING. MA 01867

HASTINGS JASON D
HASTINGS JACQUELINE E
30 CHEQUESSETT RD
READING. MA 01867

REVTSOV YEVGRN
REVTSOV SARA TE
113 BELMONT ST
READING. MA 01867

CARROLL III WALTER J TRUST ETA
CARROLL LIVING TRUST
36 CHEQUESSETT RD
READING. MA 01867

HEALY BRIAN C
BAKER MARYBETH
62 ORANGE ST
READING. MA 01867

SPERLING ADAM
SPERLING AMY
118 BELMONT ST
READING. MA 01867

CHLOODIAN RALPH M TRUSTEE
RALPH M CHLOODIAN LIVING TRUST
76 ORANGE STREET
READING. MA 01867

JONES CHRISTOPHER E
JONES KRISTEN L
47 CHEQUESSETT RD
READING. MA 01867

TRAMONTOZZI CHRISTOPHER J
TRAMONTOZZI CHRISTIE G
134 BELMONT ST
READING. MA 01867

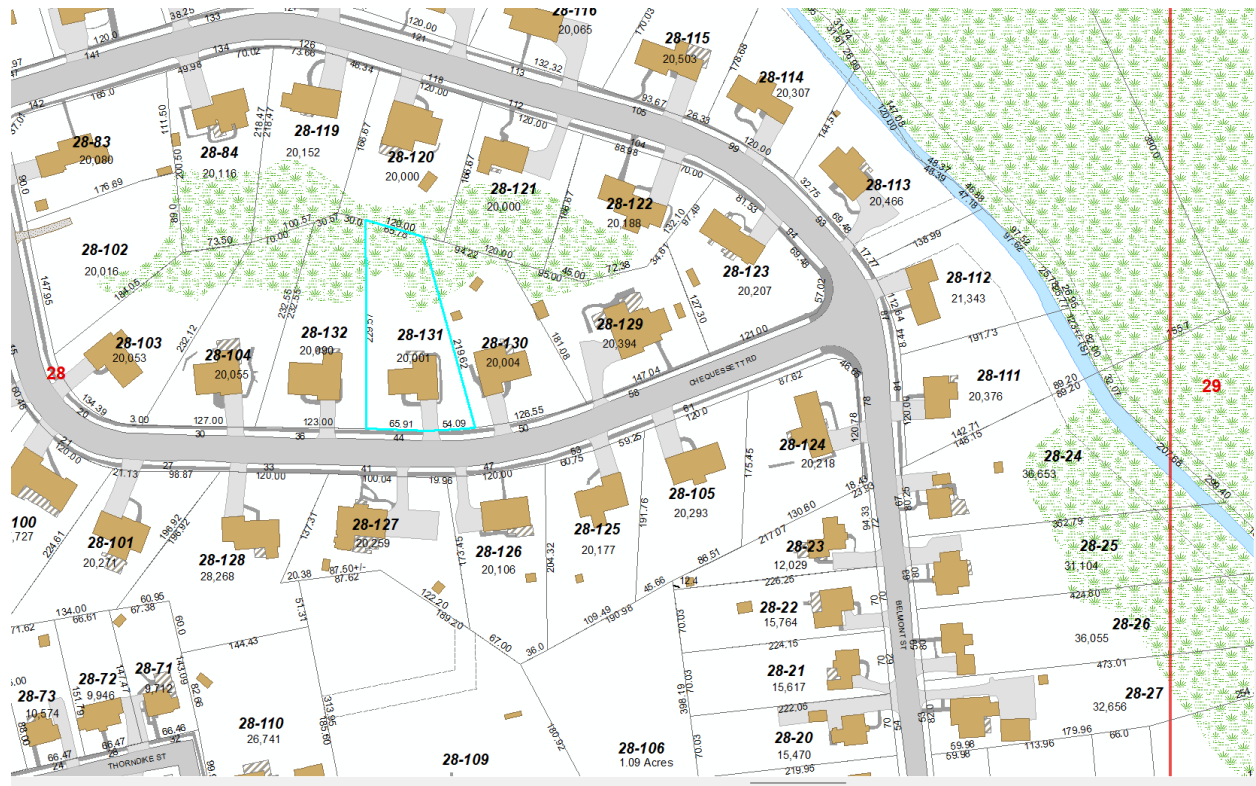
COTTER DAVID F
COTTER SUSAN E (TE)
70 BELMONT ST
READING. MA 01867

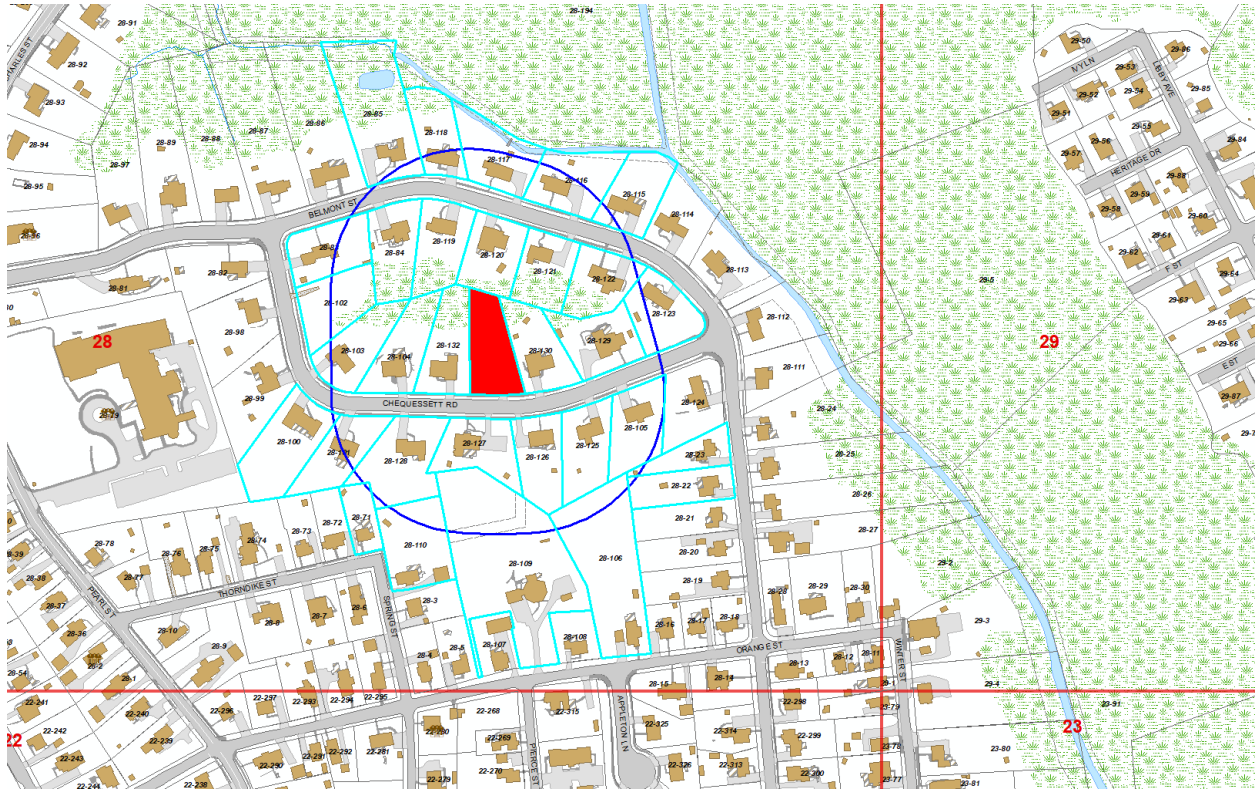
LITEPLO MARK C
LITEPLO KRISTEN A
94 BELMONT ST
READING. MA 01867

TWICHELL CHRISTOPHER C
EILEEN E POWERS-TWICHELL
53 CHEQUESSETT RD
READING. MA 01867

VENTURA BRIDITTE
1491 MASS AVE
ARLINGTON. MA 02476

VENTURA MARK
LYNNE VENTURA
142 BELMONT ST
READING. MA 01867





PROPERTY LOCATION

No	Alt No	Direction/Street/City
44		CHEQUESSETT RD, READING
OWNERSHIP		
Owner 1:		BIRNBAUM ELENA BRANDANO
Owner 2:		BIRNBAUM JESSE
Owner 3:		
Street 1:		44 CHEQUESSETT RD
Street 2:		
Twn/City:		READING
St/Prov:	MA	Cntry
Postal:	01867	Type:

PREVIOUS OWNER

Owner 1:	SUN FANG-KUO -
Owner 2:	CHING-MI LI SUN -
Street 1:	44 CHEQUESSETT RD
Twn/City:	READING
St/Prov:	MA
Postal:	01867

NARRATIVE DESCRIPTION

This parcel contains .459 ACRES of land mainly classified as ONE FAM with a COLONIAL Building built about 1976, having primarily CLAPBOARD Exterior and 3155 Square Feet, with 1 Unit, 2 Baths, 0 3/4 Bath, 1 HalfBath, 8 Rooms, and 4 Bdrms.

OTHER ASSESSMENTS

Code	Descrip/No	Amount	Com. Int

PROPERTY FACTORS

Item	Code	Description	%	Item	Code	Description
Z	S20	SINGLE FA	100	water		
o				Sewer		
n				Electri		
Census:				Exmpt		
Flood Haz:						
D	READ	READ	100	Topo		
s				Street	P	PAVED
t				Gas:	L	LIGHT

LAND SECTION (First 7 lines only)

Use Code	Description	LUC Fact	No of Units	Depth / PriceUnits	Unit Type	Land Type	LT Factor	Base Value	Unit Price	Adj	Neigh	Neigh Infl	Neigh Mod	Infl 1	%	Infl 2	%	Infl 3	%	Appraised Value	Alt Class	%	Spec Land	J Code	Fact	Use Value	Notes
101	ONE FAM		20001		SQ FEET	PRIMARY	1.0	0	13.	2.14	MV	1.21		CNSRVT	-5					555,884						555,900	

IN PROCESS APPRAISAL SUMMARY

Use Code	Land Size	Building Value	Yard Items	Land Value	Total Value
101	0.459	545,000		555,900	1,100,900
Total Card		0.459	545,000	555,900	1,100,900
Total Parcel		0.459	545,000	555,900	1,100,900
Source:		Market Adj Cost	Total Value per SQ unit /Card:		348.94
			/Parcel:		348.9

PREVIOUS ASSESSMENT

Tax Yr	Use	Cat	Bldg Value	Yrd Items	Land Size	Land Value	Total Value	Asses'd Value	Notes	Date
2024	101	FV	545,000	0	.459	555,900	1,100,900		Year end	1/10/2024
2024	101	PTCH	477,500	0	.459	487,000	964,500	964,500	patch	4/27/2023
2023	101	FV	477,500	0	.459	487,000	964,500	964,500	Year end	1/9/2023
2022	101	FV	450,500	0	.459	459,400	909,900	909,900	Year end	12/20/2021
2021	101	FV	389,600	0	.459	420,400	810,000	810,000	Year End Roll	12/15/2020
2020	101	FV	370,400	0	.459	399,700	770,100	770,100	Year End Roll	12/17/2019
2019	101	FV	348,100	0	.459	375,600	723,700	723,700	YER	12/12/2018
2018	101	FV	325,700	0	.459	351,400	677,100	677,100	YER	12/27/2017

SALES INFORMATION

Grantor	Legal Ref	Type	Date	Sale Code	Sale Price	V	Tst	Verif	Notes
SUN FANG-KUO	70151-512		10/30/2017		740,000	No	No		
	13186-0557		5/10/1977		73,900	No	No		

BUILDING PERMITS

Date	Number	Descrip	Amount	C/O	Last Visit	Fed Code	F. Descrip	Comment
7/15/2020	B20543	N. WINDO	27,779	C				REPLACEMENT OF 16
4/27/2005	105503		7,800	C				STRIP REROOF 20 SQ

ACTIVITY INFORMATION

Date	Result	By	Name
10/29/2019	CYCLICAL	PC	PC
3/20/2018	SALE REVIEW	VPS	VPS
7/20/2005	OTHER	NONE	NONE
7/19/2005	COMPLETE-INS	BCM	BCM
7/19/2005	COMPLETE-INS	BCM	BCM

Sign: _____ VERIFICATION OF VISIT NOT DATA _____/_____/_____

Parcel ID 028.0-0000-0131.0

!5814!

PRINT
 Date Time
 01/22/24 15:40:20

LAST REV
 Date Time
 06/30/21 14:30:29
 apro
 5814



USER DEFINED

Prior Id # 1:	
Prior Id # 2:	
Prior Id # 3:	
Prior Id # 1:	
Prior Id # 2:	
Prior Id # 3:	
Prior Id # 1:	
Prior Id # 2:	
Prior Id # 3:	
ASR Map:	
Fact Dist:	
Reval Dist:	
Year:	
LandReason:	
BldReason:	
CivilDistrict:	
Ratio:	



Patriot Properties

01/22/2024

2:21:03PM

Reading

Abutters List

Filter Used: DataProperty.AccountNumber in
(5808,5705,5754,5706,5814,5787,5783,5767,5802,5792,5768,5805,5798,5766,5793,5804,5799,5810,5812,5786,5785,5806,5803,5800,5811,5784,5789,5801,5809,5788,5813,5815)

**Reading
Abutters List**

Subject Parcel ID: 44 CHEQUESSETT RD REPORT

Subject Property Location:

ParcelID	Location	Owner	Co-Owner	Mailing Address	City	State	Zip
028.0-0000-0022.0	70 BELMONT ST	COTTER DAVID F	COTTER SUSAN E (TE)	70 BELMONT ST	READING	MA	01867
028.0-0000-0023.0	72 BELMONT ST	MURPHY SIOBHAN C		72 BELMONT ST	READING	MA	01867
028.0-0000-0071.0	32 THORNDIKE ST	ALLARD ROBERT J TRUSTEE ETAI	ALLARD FAMILY TRUST	32 THORNDIKE ST	READING	MA	01867
028.0-0000-0083.0	142 BELMONT ST	VENTURA MARK	LYNNE VENTURA	142 BELMONT ST	READING	MA	01867
028.0-0000-0084.0	134 BELMONT ST	TRAMONTOZZI CHRISTOPHER J	TRAMONTOZZI CHRISTIE G	134 BELMONT ST	READING	MA	01867
028.0-0000-0085.0	133 BELMONT ST	BRADSHAW SCOTT L	BRADSHAW DEBORAH J	133 BELMONT STREET	READING	MA	01867
028.0-0000-0100.0	21 CHEQUESSETT RD	CUMMINGS PAUL TRUSTEE	PAUL CUMMINGS TRUST	21 CHEQUESSETT RD	READING	MA	01867
028.0-0000-0101.0	27 CHEQUESSETT RD	BASTIANI ANTHONY V TRSTEE ET	AM BASTIANI REALTY TRUS	27 CHEQUESSETT RD	READING	MA	01867
028.0-0000-0102.0	CHEQUESSETT RD	VENTURA BRIDITTE		1491 MASS AVE	ARLINGTON	MA	02476
028.0-0000-0103.0	20 CHEQUESSETT RD	CRANITCH DANIEL	MAUREEN A CRANITCH	20 CHEQUESSETT RD	READING	MA	01867
028.0-0000-0104.0	30 CHEQUESSETT RD	HASTINGS JASON D	HASTINGS JACQUELINE E	30 CHEQUESSETT RD	READING	MA	01867
028.0-0000-0105.0	61 CHEQUESSETT RD	BETTANO CHARLES J	CAROL A BETTANO	61 CHEQUESSETT RD	READING	MA	01867
028.0-0000-0106.0	76 ORANGE ST	CHLOODIAN RALPH M TRUSTEE	RALPH M CHLOODIAN LIVIN	76 ORANGE STREET	READING	MA	01867
028.0-0000-0109.0	62 ORANGE ST	HEALY BRIAN C	BAKER MARYBETH	62 ORANGE ST	READING	MA	01867
028.0-0000-0110.0	49 SPRING ST	FINE JEFFREY A TRUSTEE	JEFFERY A FINE 2023 REVOC	49 SPRING ST	READING	MA	01867
028.0-0000-0115.0	105 BELMONT ST	POLLEYS WILLIAM H ETAL TRSTEE	WILLIAM H POLLEYS LIV TR	105 BELMONT ST	READING	MA	01867
028.0-0000-0116.0	113 BELMONT ST	REVTSOV YEVGRN	REVTSOV SARA TE	113 BELMONT ST	READING	MA	01867
028.0-0000-0117.0	121 BELMONT ST	GOODWIN SEAN T	CLARONI BETH M	121 BELMONT ST	READING	MA	01867
028.0-0000-0118.0	127 BELMONT ST	LOSI DEREK	LEWIS SARAH	127 BELMONT ST	READING	MA	01867
028.0-0000-0119.0	126 BELMONT ST	AUGER NATHANIEL R	AUGER EMILY R TE	126 BELMONT STREET	READING	MA	01867
028.0-0000-0120.0	118 BELMONT ST	SPERLING ADAM	SPERLING AMY	118 BELMONT ST	READING	MA	01867
028.0-0000-0121.0	112 BELMONT ST	DANKERS KAREN T		112 BELMONT ST	READING	MA	01867
028.0-0000-0122.0	104 BELMONT ST	NORMA J LUCEY ETAL TRUSTEES		104 BELMONT ST	READING	MA	01867
028.0-0000-0123.0	94 BELMONT ST	LITEPLO MARK C	LITEPLO KRISTEN A	94 BELMONT ST	READING	MA	01867
028.0-0000-0125.0	53 CHEQUESSETT RD	TWICHELL CHRISTOPHER C	EILEEN E POWERS-TWICHE	53 CHEQUESSETT RD	READING	MA	01867
028.0-0000-0126.0	47 CHEQUESSETT RD	JONES CHRISTOPHER E	JONES KRISTEN L	47 CHEQUESSETT RD	READING	MA	01867
028.0-0000-0127.0	41 CHEQUESSETT RD	POLLOCK ADAM N TRUSTEE ETAL	41 CHEQUESSETT RD REAL	41 CHEQUESSETT ROAD	READING	MA	01867
028.0-0000-0128.0	33 CHEQUESSETT RD	BURKE FRANCIS P TRUSTEE ETAI	33 CHEQUESSETT ROAD NC	33 CHEQUESSETT RD	READING	MA	01867
028.0-0000-0129.0	58 CHEQUESSETT RD	FRAZIER KEVIN M	DEBRA L FRAZIER	58 CHEQUESSETT RD	READING	MA	01867
028.0-0000-0130.0	50 CHEQUESSETT RD	O'ROURKE THOMAS B	CARMEN MARIE O'ROURKE	50 CHEQUESSETT RD	READING	MA	01867
028.0-0000-0131.0	44 CHEQUESSETT RD	BIRNBAUM ELENA BRANDANO	BIRNBAUM JESSE	44 CHEQUESSETT RD	READING	MA	01867
028.0-0000-0132.0	36 CHEQUESSETT RD	CARROLL III WALTER J TRUST ET	CARROLL LIVING TRUST	36 CHEQUESSETT RD	READING	MA	01867

Parcel Count: 32

End of Report

TOWN OF READING
 ABUTTERS LIST

MAP 10 LOT 234	SITE ADDRESS	OWNER	MAILING ADDRESS	CITY	ST	ZIP
NEIGHBORING TOWNS ALSO NEED TO BE NOTIFIED:						
		STONEHAM PLANNING BOARD	35 CENTRAL ST	STONEHAM	MA	02180
		WAKEFIELD PLANNING BOARD	1 LAFAYETTE STREET	WAKEFIELD	MA	01880
		LYNNFIELD PLANNING BOARD	55 SUMMER STREET	LYNNFIELD	MA	01940
		MASS DEPT OF HOUSING & COM. DEV.	100 CAMBRIDGE STREET, SUITE 300	BOSTON	MA	02114
		WILMINGTON PLANNING BOARD	121 GLEN ROAD	WILMINGTON	MA	01887
		NORTH READING PLANNING BOARD	235 NORTH STREET	NORTH READING	MA	01864
		WOBURN PLANNING BOARD	10 COMMON STREET	WOBURN	MA	01801
		METRO AREA PLANNING COUNCIL	60 TEMPLE PLACE	BOSTON	MA	02111

FOR READING BOARD OF ASSESSORS

VICTOR P. SANTANIELLO, APPRAISER

AFFIDAVIT OF SERVICE

Under the Massachusetts Wetlands Protection Act, M.G.L., c.131, s.40 and Reading General Bylaws, Section 7.1

(To be submitted to the Conservation Commission when filing a Notice of Intent or Abbreviated Notice of Resource Area Delineation or Request for Determination of Applicability)

I, _____(Name), hereby certify under the pains and penalties of perjury that on _____(Date), I gave notification to abutters in compliance with the second paragraph of Massachusetts General Laws, c.131, s.40, and the **DEP Guide to Abutter Notification** dated April 8, 1994, and Reading General Bylaws, Section 7.1 in connection with the following matter:

(Check the applicable form.)

_____ Notice of Intent

_____ Abbreviated Notice of Resource Area Delineation

_____ Request for Determination of Applicability

filed under M.G.L., c.131, s.40 and R.G.B., s.7.1 by

_____ (Applicant) with the Town of Reading

Conservation Commission on _____(Date) for

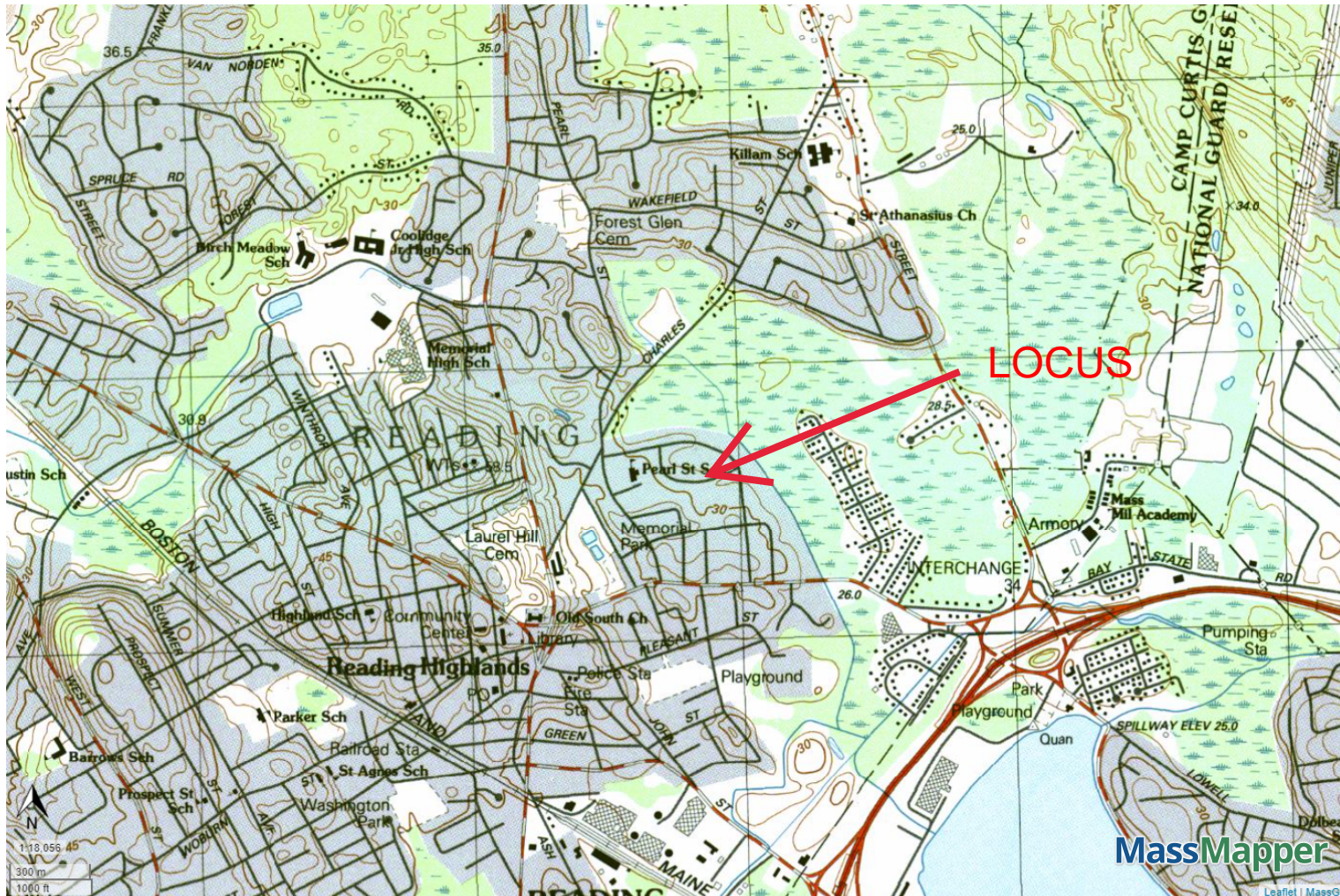
property located at _____ (Location).

The form of the notification and list of abutters to whom it was given and their addresses are attached to this Affidavit of Service.

Name

Date

U.S.G.S. Locus Map



USGS Topographic Maps
Property Tax Parcels

FEMA Flood Insurance Rate Map

National Flood Hazard Layer FIRMMette



71°6'3"W 42°32'4"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, AR
	Regulatory Floodway	

OTHER AREAS OF FLOOD HAZARD	0.2% Annual Chance Flood Hazard, Areas 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 LOMRs	Area of Undetermined Flood Hazard Zone D

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 **1/22/2024 at 1:53 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 regulatory purposes.



Priority Habitats and Estimated Habitats Map – NHESP



NHESP Priority Habitats of Rare Species



NHESP Estimated Habitats of Rare Wildlife



Property Tax Parcels

DEP Bordering Vegetated Wetland Delineation Field Forms

BORDERING VEGETATED WETLAND DETERMINATION FORM

Project/Site: _____ City/Town: _____ Sampling Date: _____

Applicant/Owner: _____ Sampling Point or Zone: _____

Investigator(s): _____ Latitude / Longitude: _____

Soil Map Unit Name: _____ NWI or DEP Classification: _____

Are climatic/hydrologic conditions on the site typical for this time of year? Yes _____ No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? (If yes, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If yes, explain in Remarks)

SUMMARY OF FINDINGS – Attach site map and photograph log showing sampling locations, transects, etc.

Wetland vegetation criterion met?	Yes _____ No _____	Is the Sampled Area within a Wetland?	Yes _____ No _____
Hydric Soils criterion met?	Yes _____ No _____		
Wetlands hydrology present?	Yes _____ No _____		
Remarks, Photo Details, Flagging, etc.:			

HYDROLOGY

Field Observations:		
Surface Water Present?	Yes _____ No _____	Depth (inches) _____
Water Table Present?	Yes _____ No _____	Depth (inches) _____
Saturation Present (including capillary fringe)?	Yes _____ No _____	Depth (inches) _____
Wetland Hydrology Indicators		
Reliable Indicators of Wetlands Hydrology	Indicators that can be Reliable with Proper Interpretation	Indicators of the Influence of Water
<input type="checkbox"/> Water-stained leaves <input type="checkbox"/> Evidence of aquatic fauna <input type="checkbox"/> Iron deposits <input type="checkbox"/> Algal mats or crusts <input type="checkbox"/> Oxidized rhizospheres/pore linings <input type="checkbox"/> Thin muck surfaces <input type="checkbox"/> Plants with air-filled tissue (aerenchyma) <input type="checkbox"/> Plants with polymorphic leaves <input type="checkbox"/> Plants with floating leaves <input type="checkbox"/> Hydrogen sulfide odor	<input type="checkbox"/> Hydrological records <input type="checkbox"/> Free water in a soil test hole <input type="checkbox"/> Saturated soil <input type="checkbox"/> Water marks <input type="checkbox"/> Moss trim lines <input type="checkbox"/> Presence of reduced iron <input type="checkbox"/> Woody plants with adventitious roots <input type="checkbox"/> Trees with shallow root systems <input type="checkbox"/> Woody plants with enlarged lenticels	<input type="checkbox"/> Direct observation of inundation <input type="checkbox"/> Drainage patterns <input type="checkbox"/> Drift lines <input type="checkbox"/> Scoured areas <input type="checkbox"/> Sediment deposits <input type="checkbox"/> Surface soil cracks <input type="checkbox"/> Sparsely vegetated concave surface <input type="checkbox"/> Microtopographic relief <input type="checkbox"/> Geographic position (depression, toe of slope, fringing lowland)
Remarks (describe recorded data from stream gauge, monitoring well, aerial photos, previous inspections, if available):		

This form is only for BVW delineations. Other wetland resource areas may be present and should be delineated according to the applicable regulatory provisions.

VEGETATION – Use both common and scientific names of plants.

<u>Tree Stratum</u>		Plot size _____					
				Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name		Scientific name					
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
				_____ = Total Cover			
<u>Shrub/Sapling Stratum</u>		Plot size _____					
				Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name		Scientific name					
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
				_____ = Total Cover			
<u>Herb Stratum</u>		Plot size _____					
				Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name		Scientific name					
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
				_____ = Total Cover			

VEGETATION – continued.

<u>Woody Vine Stratum</u>		Plot size _____		Indicator	Absolute	Dominant?	Wetland
Common name		Scientific name		Status	% Cover	(yes/no)	Indicator?
							(yes/no)
1.							
2.							
3.							
4.							
				_____ = Total Cover			

Rapid Test: Do all dominant species have an indicator status of OBL or FACW?			Yes _____ No _____	
Dominance Test:	Number of dominant species	Number of dominant species that are wetland indicator plants		Do wetland indicator plants make up ≥ 50% of dominant plant species?
				Yes _____ No _____
Prevalence Index:		Total % Cover (all strata)	Multiply by:	Result
	OBL species		X 1	=
	FACW species		X 2	=
	FAC species		X 3	=
	FACU species		X 4	=
	UPL species		X 5	=
	Column Totals	(A)		(B)
Prevalence Index		B/A =		Is the Prevalence Index ≤ 3.0?
				Yes _____ No _____
Wetland vegetation criterion met?			Yes _____ No _____	

Definitions of Vegetation Strata

- Tree - Woody plants 3 in. (7.62 cm) or more in diameter at breast height (DBH), regardless of height
- Shrub / Sapling - Woody plants less than 3 in. (7.62 cm) DBH and greater than or equal to 3.3 ft. (1 m) tall
- Herb - All herbaceous (non-woody plants, regardless of size, and woody plants less than 3.3 ft. (1 m) tall
- Woody vines - All woody vines greater than 3.3 ft. (1 m) in height

Cover Ranges	
Range	Midpoint
1-5 %	3.0 %
6-15 %	10.5 %
15-25 %	20.5 %
26-50 %	38.0 %
51-75 %	63.0 %
76-95 %	85.5 %
96-100 %	98.0 %

BORDERING VEGETATED WETLAND DETERMINATION FORM

Project/Site: _____ City/Town: _____ Sampling Date: _____

Applicant/Owner: _____ Sampling Point or Zone: _____

Investigator(s): _____ Latitude / Longitude: _____

Soil Map Unit Name: _____ NWI or DEP Classification: _____

Are climatic/hydrologic conditions on the site typical for this time of year? Yes _____ No _____ (If no, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? (If yes, explain in Remarks)

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If yes, explain in Remarks)

SUMMARY OF FINDINGS – Attach site map and photograph log showing sampling locations, transects, etc.

Wetland vegetation criterion met?	Yes _____ No _____	Is the Sampled Area within a Wetland?	Yes _____ No _____
Hydric Soils criterion met?	Yes _____ No _____		
Wetlands hydrology present?	Yes _____ No _____		
Remarks, Photo Details, Flagging, etc.:			

HYDROLOGY

Field Observations:		
Surface Water Present?	Yes _____ No _____	Depth (inches) _____
Water Table Present?	Yes _____ No _____	Depth (inches) _____
Saturation Present (including capillary fringe)?	Yes _____ No _____	Depth (inches) _____
Wetland Hydrology Indicators		
Reliable Indicators of Wetlands Hydrology	Indicators that can be Reliable with Proper Interpretation	Indicators of the Influence of Water
<input type="checkbox"/> Water-stained leaves <input type="checkbox"/> Evidence of aquatic fauna <input type="checkbox"/> Iron deposits <input type="checkbox"/> Algal mats or crusts <input type="checkbox"/> Oxidized rhizospheres/pore linings <input type="checkbox"/> Thin muck surfaces <input type="checkbox"/> Plants with air-filled tissue (aerenchyma) <input type="checkbox"/> Plants with polymorphic leaves <input type="checkbox"/> Plants with floating leaves <input type="checkbox"/> Hydrogen sulfide odor	<input type="checkbox"/> Hydrological records <input type="checkbox"/> Free water in a soil test hole <input type="checkbox"/> Saturated soil <input type="checkbox"/> Water marks <input type="checkbox"/> Moss trim lines <input type="checkbox"/> Presence of reduced iron <input type="checkbox"/> Woody plants with adventitious roots <input type="checkbox"/> Trees with shallow root systems <input type="checkbox"/> Woody plants with enlarged lenticels	<input type="checkbox"/> Direct observation of inundation <input type="checkbox"/> Drainage patterns <input type="checkbox"/> Drift lines <input type="checkbox"/> Scoured areas <input type="checkbox"/> Sediment deposits <input type="checkbox"/> Surface soil cracks <input type="checkbox"/> Sparsely vegetated concave surface <input type="checkbox"/> Microtopographic relief <input type="checkbox"/> Geographic position (depression, toe of slope, fringing lowland)
Remarks (describe recorded data from stream gauge, monitoring well, aerial photos, previous inspections, if available):		

This form is only for BVW delineations. Other wetland resource areas may be present and should be delineated according to the applicable regulatory provisions.

VEGETATION – Use both common and scientific names of plants.

<u>Tree Stratum</u>		Plot size _____					
				Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name		Scientific name					
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
				_____ = Total Cover			
<u>Shrub/Sapling Stratum</u>		Plot size _____					
				Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name		Scientific name					
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
				_____ = Total Cover			
<u>Herb Stratum</u>		Plot size _____					
				Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name		Scientific name					
1.							
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
				_____ = Total Cover			

VEGETATION – continued.

<u>Woody Vine Stratum</u>		Plot size _____		Indicator Status	Absolute % Cover	Dominant? (yes/no)	Wetland Indicator? (yes/no)
Common name		Scientific name					
1.							
2.							
3.							
4.							
				_____ = Total Cover			

Rapid Test: Do all dominant species have an indicator status of OBL or FACW? Yes _____ No _____				
Dominance Test:	Number of dominant species	Number of dominant species that are wetland indicator plants		Do wetland indicator plants make up ≥ 50% of dominant plant species? Yes _____ No _____
Prevalence Index:		Total % Cover (all strata)	Multiply by:	Result
	OBL species		X 1	=
	FACW species		X 2	=
	FAC species		X 3	=
	FACU species		X 4	=
	UPL species		X 5	=
	Column Totals	(A)		(B)
Prevalence Index		B/A =		Is the Prevalence Index ≤ 3.0? Yes _____ No _____
Wetland vegetation criterion met? Yes _____ No _____				

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Wetland Permitting Plan
by
Stamski and McNary, INC.