

NOTICE OF INTENT

42 High Ridge Road
Boxford, Massachusetts

July 5, 2018

Applicant:

Paul Oliveira & Lisa Ellis-Oliveira
42 High Ridge Road
Boxford, MA 01921

Prepared By:

Williams & Sparages, LLC
189 North Main Street, Suite 101
Middleton, MA 01949
Ph: 978-539-8088
Fax: 978-539-8200
www.wsengineers.com

W&S Project No:

BOXF-0057





Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

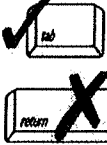
WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40
Boxford Wetlands Protection Bylaw, Town Code Ch. 192 & 375

Provided by MassDEP:

MassDEP File Number
Document Transaction Number
Boxford
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>42 High Ridge Road</u> a. Street Address	<u>Boxford</u> b. City/Town	<u>01921</u> c. Zip Code
<u>Latitude and Longitude:</u>	<u>42.68454 N</u> d. Latitude	<u>71.00872 W</u> e. Longitude
<u>Map 24</u> f. Assessor's Map/Plat Number	<u>Block 4, Parcel 9.41</u> g. Parcel /Lot Number	

2. Applicant:

<u>Paul & Lisa</u> a. First Name	<u>Oliveira</u> b. Last Name
<u></u> c. Organization	
<u>42 High Ridge Road</u> d. Street Address	
<u>Boxford</u> e. City/Town	<u>MA</u> f. State
<u>617-930-1677</u> h. Phone Number	<u>01921</u> g. Zip Code
<u></u> i. Fax Number	<u>lisaeo@comcast.net</u> j. Email Address

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

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

4. Representative (if any):

<u>Gregory J.</u> a. First Name	<u>Hochmuth</u> b. Last Name
<u>Williams & Sparages, LLC</u> c. Company	
<u>189 North Main Street</u> d. Street Address	
<u>Middleton</u> e. City/Town	<u>MA</u> f. State
<u>978-539-8088</u> h. Phone Number	<u>01921</u> g. Zip Code
<u>978-539-8200</u> i. Fax Number	<u>ghochmuth@wsengineers.com</u> j. Email address

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

<u>\$500.00</u> a. Total Fee Paid	<u>\$237.50</u> b. State Fee Paid	<u>\$262.50</u> c. City/Town Fee Paid
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A. General Information (continued)

6. General Project Description:

To construct a single family dwelling within the same footprint of an existing single family dwelling within 100 feet of Bordering Vegetated Wetlands.

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 CMR 10.24(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:

Essex

a. County

21162

c. Book

b. Certificate # (if registered land)

487

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.

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
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 _____	

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
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 _____	
i. <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 _____



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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

7/2018 MASSGIS

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.



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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/nhesp/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/nhesp/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.



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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.
 - 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.



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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.

Plan to Accompany a Notice of Intent

a. Plan Title

Williams & Sparages, LLC

b. Prepared By

7/5/2018

d. Final Revision Date

Richard L. Williams, PE

c. Signed and Stamped by

1" = 20'

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:

1597

2. Municipal Check Number

1618

4. State Check Number

Lisa

6. Payor name on check: First Name

6/6/2018

3. Check date

5. Check date

Ellis-Oliveira

7. Payor name on check: Last Name

LISA ELLIS OLIVEIRA
42 HIGH RIDGE RD
BOXFORD, MA 01921

1618
53-7054/2113
01

7/2/18
Date

Pay to the
Order of

Commonwealth Mass | \$ 237.50

Two hundred thirty seven & 50/100 Dollars

TD Bank
America's Most Convenient Bank®

For

[Signature]

⑆ 211370545⑆ 8249635092⑆ 1618

Member FDIC

TD Bank, N.A.

LISA ELLIS OLIVEIRA
42 HIGH RIDGE RD
BOXFORD, MA 01921

1596
53-7054/2113
01

6/6/18
Date

Pay to the
Order of

Town of Boxford - | \$ 262.50

Two hundred sixty two Dollars & 50/100

TD Bank
America's Most Convenient Bank®

town
For *Partners & State filing*

[Signature]

⑆ 211370545⑆ 8249635092⑆ 1596

Member FDIC

TD Bank, N.A.

LISA ELLIS OLIVEIRA
42 HIGH RIDGE RD
BOXFORD, MA 01921

1595
53-7054/2113
01

6/6/18
Date

Pay to the
Order of

Town of Boxford - | \$ 1,350.00

One thousand three hundred fifty & 00/100 Dollars

TD Bank
America's Most Convenient Bank®

For *bylaws filing fee*

[Signature]

⑆ 211370545⑆ 8249635092⑆ 1595

Member FDIC

TD Bank, N.A.



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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

3. Signature of Property Owner (if different)

4. Date

5. Signature of Representative (if any)

7/5/2018

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.



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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:

42 High Ridge Road Boxford
 a. Street Address b. City/Town
1618 \$237.50
 c. Check number d. Fee amount

2. Applicant Mailing Address:

Lisa Ellis-Oliveira
 a. First Name b. Last Name

 c. Organization
42 High Ridge Road
 d. Mailing Address
Boxford MA 01921
 e. City/Town f. State g. Zip Code
617-930-1677 lisaeo@comcast.net
 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).



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 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
2. a.	1	\$500.00	\$500.00

Step 5/Total Project Fee: \$500.00

Step 6/Fee Payments:

Total Project Fee:	<u>\$500.00</u>
State share of filing Fee:	<u>\$237.50</u>
City/Town share of filling Fee:	<u>\$262.50</u>
	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

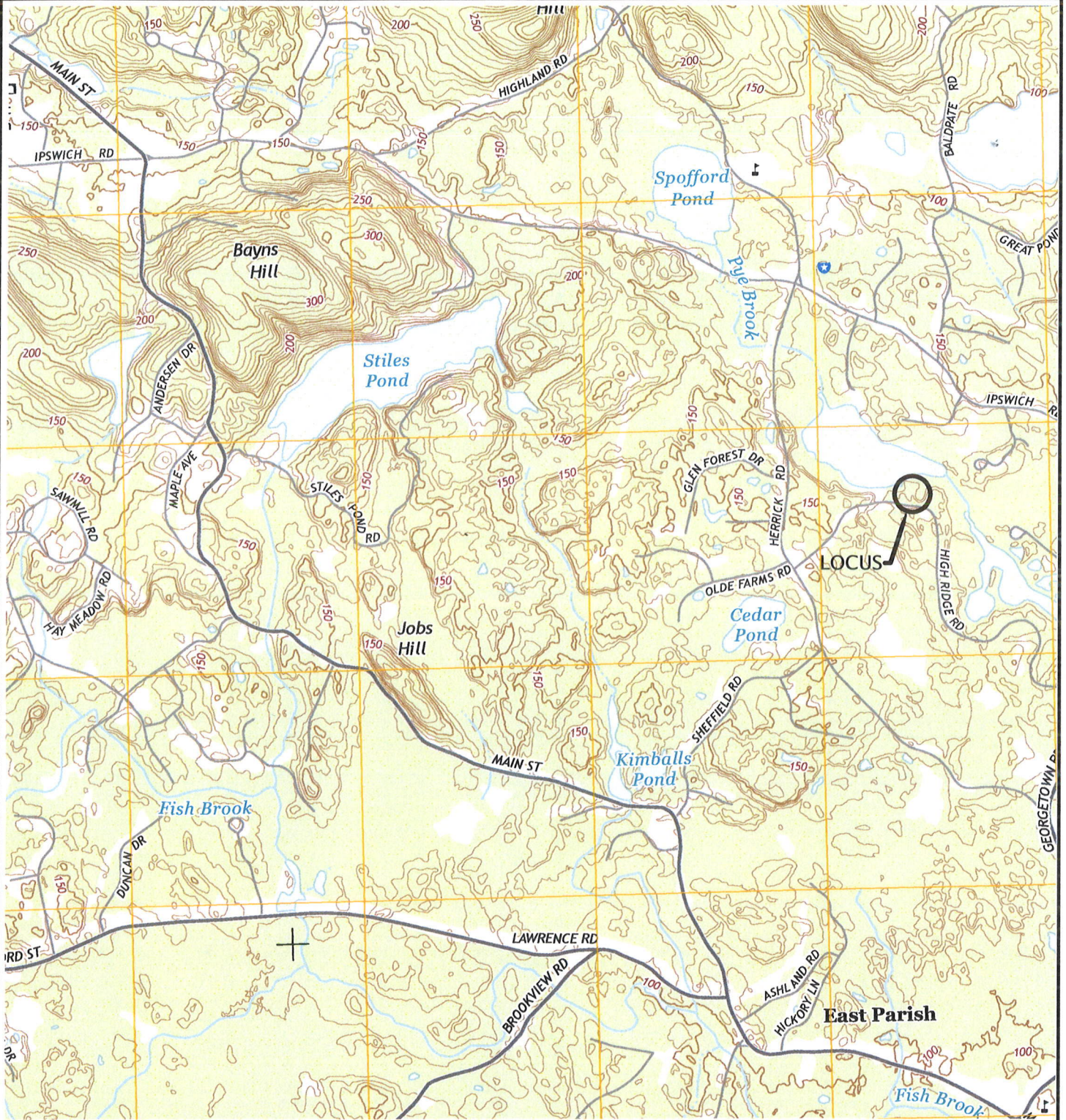
- b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a copy of this form; and the city/town fee payment.

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.)

WILLIAMS & SPARAGES
CIVIL ENGINEERING &
LAND SURVEYORS



189 NORTH MAIN STREET
SUITE 101
MIDDLETON, MA 01949
PHONE: (978) 539-8088
FAX: (978) 539-8200



UNITED STATES GEOLOGIC SURVEY MAP
SOUTH GROVELAND, MASS QUAD
SCALE: 1:24,000 (metric contours)

LOCUS MAP
#42 HIGH RIDGE ROAD
BOXFORD, MA 01921



Project Narrative
#42 High Ridge Road, Boxford, MA 01921

Introduction:

The site is bound to the south by High Ridge Road, to the north by Four Mile Pond and to the east and west by residential properties. The lot is identified on the Town's Assessor's Map as Map 24, Block 4, Parcel 9.41 and is otherwise known as 42 High Ridge Road.

The lot was created in 1977 and is shown as Lot 23A on the subdivision plan entitled "Plan of Land in Boxford, property of Williams E. Dorman, June 1, 1977, Essex Survey Service, Inc., 47 Federal Street, Salem, Mass.," recorded with Essex South District Registry of Deeds in Book 6393, Page 252. The house was built in 1994, and purchased by Paul Oliveira and Lisa Ellis-Oliveira, the current owners, in 2003.

The applicants dwelling suffered significant burn damage in the spring of 2017, and as a result are proposing to raze the existing structure and build a new home within the same foundation footprint. The proposed work is within Boxford's 75 foot no-build zone, however this is only due to the fact that the existing footprint is within that jurisdictional area. As mentioned, the footprint of the dwelling is not proposed to change.

Jurisdictional Resource Areas:

The wetland resource areas were delineated by Greg J. Hochmuth, PWS, CWS from Williams & Sparages, LLC on April 11, 2018. The following resource areas were identified:

Bordering Vegetated Wetland, (BVW):

There is a BVW that parallels the edge of Four Mile Pond. The BVW boundary is a toe of slope wetland for the most part with an abrupt change in vegetation along its boundary, (see attached wetland field data forms). This BVW has been delineated as the B-series with blue surveyors tape.

No work proposed within the BVW.

Isolated Vegetated Wetland, (IVW):

There is an isolated vegetated wetland to the southeast of the existing dwelling. The IVW is over 5,000 square feet and therefore jurisdictional under the Boxford Wetlands Protection Bylaw.

No work is proposed within the IVW.

Bordering Land Subject to Flooding, (BLSF):

There is a FEMA Zone A 100 year floodplain that extends onto the property. A detailed flood study has not been done in this area and there is no elevation associated with the flood plain. The graphic depiction of the 100 year floodplain has been added to the permit site plan.

No work is proposed within BLSF.

Summary:

The new dwelling is proposed on the foundation of the existing dwelling. In addition there are no new decks, patios or walkways proposed.

Erosion controls are proposed to be installed prior to construction and to remain in place until all areas are stabilized and permission is granted for their removal by the Boxford Conservation Commission and/or its Agent.

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

Applicant: Paul Oliveira Prepared by: Greg Hochmuth Project location: 42 High Ridge Road, Boxford, MA 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: WFA-11 Wet	Transect Number: WFA-11 Wetland	Date of Delineation: 4/24/2018
A. Sample Layer & Plant Species (by common/scientific name)	B. Percent Cover (or basal Area)	C. Percent Dominance	D. Dominant Plant (yes or no)

Trees

Red Oak - <i>Quercus rubra</i>	50%	40%	YES	FACU-
White Pine - <i>Pinus strobus</i>	40%	32%	YES	FACU
Red Maple - <i>Acer rubrum</i>	25%	20%	YES	FAC*
White Oak - <i>Quercus alba</i>	10%	8%	NO	FACU-

Shrubs

Pepper-bush - <i>Clethra alnifolia</i>	70%	74%	YES	FAC+*
High Bush Blueberry - <i>Vaccinium corymbosum</i>	20%	21%	YES	FACW-*
Speckled Alder - <i>Alnus rugosa</i>	5%	5%	NO	FACW+*

Ground Cover

Pepper-bush - <i>Clethra alnifolia</i>	30%	60%	YES	FAC+*
Swamp Azalia - <i>Rhododendron periclymenoides</i>	10%	20%	YES	FAC*
Wool-grass - <i>Scirpus cyperinus</i>	5%	10%	NO	FACW+*
Purple Loosestrife - <i>Lythrum salicaria</i>	5%	10%	NO	FACW+*

* Use an asterisk to mark wetland 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: 5

Number of dominant non-wetland indicator plants: 2

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? Yes

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent

Section II. Indicators of Hydrology

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site? Yes
 title/date: NRCS Web Soil Survey
 map number:
 soil type mapped: 52A - Freetown
 hydric soil inclusions: No

Are field observations consistent with soil survey? Yes
 Remarks:

2. Soil Description

Horizon	Depth	Matrix Color	Mottles Color
O	5-0	Organics	
C - Med. Sand	0-12	2.5Y 5/4	

Remarks: 4" to standing water and saturated at surface

3. Other:

Conclusion: Is soil hydric? Yes

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

- Site Inundated: _____
- Depth to free water in observation hole: 10"
- Depth to soil saturation in observation hole: 6"
- Water marks: _____
- Drift lines: _____
- Sediment Deposits: _____
- Drainage patterns in BWV: _____
- Oxidized rhizospheres: _____
- Water-stained leaves: _____
- Recorded Data (streams, lake, or tidal gauge; aerial photo; other):

- Other: _____

Vegetation and Hydrology Conclusion

	Yes	No
Number of wetland indicator plants ≥ # of non-wetland indicator plants	<u>X</u>	_____
Wetland hydrology present:		
Hydric soil present	<u>X</u>	_____
Other indicators of hydrology present	<u>X</u>	_____
Sample location is in a BWV	<u>X</u>	_____

Submit this form with the Request for Determination of Applicability or Notice of Intent.

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

Applicant: Paul Oliveira Prepared by: Greg Hochmuth Project location: 42 High Ridge Road, Boxford MA 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: WFA-11 Upl	Transect Number: WFA-11 Upland	Date of Delineation: 4/24/2018
A. Sample Layer & 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*
Trees			
Red Oak - <i>Quercus rubra</i>	50%	40%	YES FACU-
White Pine - <i>Pinus strobus</i>	40%	32%	YES FACU
Red Maple - <i>Acer rubrum</i>	25%	20%	YES FAC*
White Oak - <i>Quercus alba</i>	10%	8%	NO FACU-
Shrubs			
Pepper-bush - <i>Clethra alnifolia</i>	60%	71%	YES FAC+*
HighBush Blueberry - <i>Vaccinium corymbosum</i>	20%	23%	YES FACW-*
Speckled Alder - <i>Alnus rugosa</i>	5%	6%	NO FACW+*
Ground Cover			
Pepper-bush - <i>Clethra alnifolia</i>	30%	100%	YES FAC+*

* Use an asterisk to mark wetland 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: 2

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? Yes

If vegetation alone is presumed adequate to delineate the BVW boundary, submit this form with the Request for Determination of Applicability or Notice of Intent

Section II. Indicators of Hydrology

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site? Yes
 title/date: NRCS Web Soil Survey
 map number:
 soil type mapped: 257E - Hinckley
 hydric soil inclusions: No

Are field observations consistent with soil survey? Yes
 Remarks:

2. Soil Description

Horizon	Depth	Matrix Color	Mottles Color
O	2-0	Organics	-
A	0-2	10YR3/2	-
Bw	2-12	10YR5/6	-

Remarks:

3. Other:

Conclusion: Is soil hydric? No

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

- 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 BW: _____
- Oxidized rhizospheres: _____
- Water-stained leaves: _____
- Recorded Data (streams, lake, or tidal gauge; aerial photo; other):

- Other: _____

Vegetation and Hydrology Conclusion

	Yes	No
Number of wetland indicator plants ≥ # of non-wetland indicator plants	X	—
Wetland hydrology present:		
Hydric soil present	—	X
Other indicators of hydrology present	—	X
Sample location is in a BW	—	X

Submit this form with the Request for Determination of Applicability or Notice of Intent.

AFFIDAVIT OF SERVICE

Under the Massachusetts Wetlands Protection Act


(To be submitted to the Massachusetts Department of Environmental Protection and the Conservation Commission when filing a Notice of Intent)

I, Gregory J. Hochmuth, hereby certify under the pains and penalties of perjury that on July 19, 2018 I gave notification to abutters in compliance with the second paragraph of Massachusetts General Law Chapter 131, Section 40, and the DEP Guide to Abutter Notification dated April 8, 1994, in connection with the following matter:

A Notice of Intent filed under Massachusetts Wetlands Protection Act and Boxford Wetlands Protection Bylaw by Paul Oliveira and Lisa Ellis-Oliveira with the Boxford Conservation Commission on July 19, 2018 for property located at 42 High Ridge Road.

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

Name



Date

7/19/2018

TOWN OF BOXFORD
ABUTTER LIST

PARCEL # 24-4-9.41 ~ 42 HIGH RIDGE ROAD ~ CONSERVATION COMMISSION 250' PLUS FOUR MILE POND ABUTTERS

Map/Lot	Location	Owner	Owner 2	Owner Address	Owner City/Town	Owner State	Owner Zip Code
(24-04-09-10)	51 HIGH RIDGE RD	BARNES BRANDON	BARNES DANIELLE	51 HIGH RIDGE RD	BOXFORD	MA	01921
(19-02-15-10)	50 FOUR MILE VILLAGE	BOXFORD FRIENDSHIP	FOUNDATION INC	50 FOUR MILE VILLAGE	BOXFORD	MA	01921
(24-04-09-9)	41 HIGH RIDGE RD	CHASE ALISON M		41 HIGH RIDGE RD	BOXFORD	MA	01921
(19-02-15-3)	12 FIELDSTONE WAY	CROSS FRANCES M		15 FREMONT ST	WINTHROP	MA	02152
(24-04-09-8)	35 HIGH RIDGE RD	FULLER PETER W + SCARFO LYNNE A	CHARLES R FULLER HIGH RIDGE RD TRUS	35 HIGH RIDGE RD	BOXFORD	MA	01921
(24-04-09-40)	44 HIGH RIDGE RD	KINNEY KATHRYN S TR	KINNEY RAYMOND J JR TR	44 HIGH RIDGE RD	BOXFORD	MA	01921
(19-02-15-2)	10 FIELDSTONE WAY	MC AVENEY ROBERT E	MC AVENEY LORI A	10 FIELDSTONE WAY	BOXFORD	MA	01921
(24-04-09-42)	34 HIGH RIDGE RD	MEEUWSEN KENDALL J	MEEUWSEN JOYCE L	34 HIGH RIDGE ROAD	BOXFORD	MA	01921
(24-04-09-41)	42 HIGH RIDGE RD	OLIVEIRA PAUL	ELLIS-OLIVEIRA LISA	42 HIGH RIDGE RD	BOXFORD	MA	01921
(24-04-09-39)	48 HIGH RIDGE RD	WALTER GLEN V TR	WALTER ELIZABETH G TR	48 HIGH RIDGE RD	BOXFORD	MA	01921

PARCEL # 19-2 FOUR MILE POND ABUTTERS

(19-02-29)	175 HERRICK RD	ALLISON CHRISTINE A	ALLISON SEWARD	175 HERRICK RD	BOXFORD	MA	01921
(19-02-15-10)	50 FOUR MILE VILLAGE	BOXFORD FRIENDSHIP	FOUNDATION INC	50 FOUR MILE VILLAGE	BOXFORD	MA	01921
(19-02-18-E)	50 FOUR MILE VILLAGE	BOXFORD FRIENDSHIP FOUND		50 FOUR MILE VILLAGE	BOXFORD	MA	01921
(19-02-18)	50 FOUR MILE VILLAGE	BOXFORD FRIENDSHIP FOUND		50 FOUR MILE VILLAGE	BOXFORD	MA	01921
(19-02-43)	HERRICK RD	BTA/BOLT INC		P O BOX 95	BOXFORD	MA	01921
(19-02-15-4)	22 FIELDSTONE WAY	CASEY DEBORAH		22 FIELDSTONE WAY	BOXFORD	MA	01921
(19-02-15-3)	12 FIELDSTONE WAY	CROSS FRANCES M	DEMIO CAROL A TR	15 FREMONT ST	WINTHROP	MA	02152
(19-02-30)	173 HERRICK RD	DEMARCHE THOMAS E	DEMARCHE E CAMERON	173 HERRICK RD	BOXFORD	MA	01921
(24-04-09-43)	28 HIGH RIDGE RD	FLYNN DANIEL J TE	SUSAN I FLYNN	28 HIGH RIDGE RD	BOXFORD	MA	01921
(24-04-22)	119 HERRICK RD	FRANCIS LEE	FRANCIS MEGAN	119 HERRICK RD	BOXFORD	MA	01921

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Jan Silva
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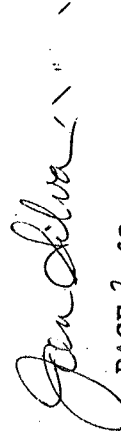
APRIL 2, 2018

TOWN OF BOXFORD
ABUTTER LIST

PARCEL # 24-4-9.41 ~ 42 HIGH RIDGE ROAD ~ CONSERVATION COMMISSION 250' PLUS FOUR MILE POND ABUTTERS

(19-02-34)	21 APPLETON LN	HALL JEFFREY C	HALL MARGARET E	21 APPLETON LN	BOXFORD	MA	01921
(19-02-33)	19 APPLETON LN	HALL WILLIAM T	DUMAS JENNIFER	19 APPLETON LN	BOXFORD	MA	01921
(24-04-09-40)	44 HIGH RIDGE RD	KINNEY KATHRYN S TR	KINNEY RAYMOND J JR TR	44 HIGH RIDGE RD*	BOXFORD	MA	01921
(19-02-12-0)	137 HERRICK RD	KIRSHMAN GAYE		137 HERRICK RD	BOXFORD	MA	01921
(19-02-31)	APPLETON LN	KOCIA ANDRZEJ P	KOCIA ALEKSANDRA W	282 IPSWICH ROAD	BOXFORD	MA	01921
(19-02-15-2)	10 FIELDSTONE WAY	MCAVENY ROBERT E	MCAVENY LORI A	10 FIELDSTONE WAY*	BOXFORD	MA	01921
(24-04-09-42)	34 HIGH RIDGE RD	MEEUWSEN KENDALL J	MEEUWSEN JOYCE L	34 HIGH RIDGE ROAD*	BOXFORD	MA	01921
(19-02-28)	294 IPSWICH RD	NIU XIAO LIN	HUANG LI LI	294 IPSWICH RD	BOXFORD	MA	01921
(19-02-32)	7 APPLETON LN	O'HEIR LIAM	O'HEIR DANIELLE	7 APPLETON LN	BOXFORD	MA	01921
(24-04-09-41)	42 HIGH RIDGE RD	OLIVEIRA PAUL	ELLIS-OLIVEIRA LISA	42 HIGH RIDGE RD*	BOXFORD	MA	01921
(19-02-27)	284 IPSWICH RD	SCOPA WILLIAM R JT	CHRISTINE E SPYROPOU	284 IPSWICH RD	BOXFORD	MA	01921
(19-02-35)	35 APPLETON LN	SILVERMAN JOAN TR	SILVERMAN REALTY TRUST	35 APPLETON LN	BOXFORD	MA	01921
(19-02-15-5)	23 FIELDSTONE WAY	SMITH TIMOTHY M TE	SMITH KELLY K	23 FIELDSTONE WAY	BOXFORD	MA	01921
(19-02-12-1)	165 HERRICK RD	SPINETTI WILLIAM	SPINETTI HEATHER	165 HERRICK RD	BOXFORD	MA	01921
(24-04-37)	45 BATCHELDER RD	STERNER ROBERT & PATRICIA	MCGINLEY JANET M	45 BATCHELDER RD	BOXFORD	MA	01921
(24-04-09-39)	48 HIGH RIDGE RD	WALTER GLEN V TR	WALTER ELIZABETH G TR	48 HIGH RIDGE RD*	BOXFORD	MA	01921
(19-02-11)	131 HERRICK RD	WEIZMAN EHUD	WEIZMAN ZEHAVA	5 MEAD CIRCLE	LEXINGTON	MA	02420

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APRIL 2, 2018