

NOTICE OF INTENT

3 Glendale Road
Boxford, Massachusetts

May 29, 2020

Applicant:

Nicholas Sze
3 Glendale Road
Boxford, MA 01921

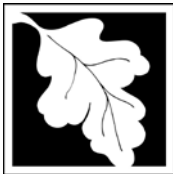
Prepared By:

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-0076





Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

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

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

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>3 Glendale Road</u>	<u>Boxford</u>	<u>01921</u>
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:		
	<u>42.658950 N</u>	<u>-70.992103 W</u>
	d. Latitude	e. Longitude
<u>Map 13</u>	<u>Block 3, Parcel 33</u>	
f. Assessors Map/Plat Number	g. Parcel /Lot Number	

2. Applicant:

<u>Nicholas</u>	<u>Sze</u>	
a. First Name	b. Last Name	
c. Organization		
<u>3 Glendale Road</u>		
d. Street Address		
<u>Boxford</u>	<u>MA</u>	<u>01921</u>
e. City/Town	f. State	g. Zip Code
<u>617-620-6025</u>	<u>nick.sze1@yahoo.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

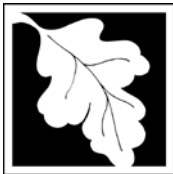
<u></u>	<u></u>	
a. First Name	b. Last Name	
c. Organization		
<u></u>		
d. Street Address		
<u></u>	<u></u>	<u></u>
e. City/Town	f. State	g. Zip Code
<u></u>	<u></u>	<u></u>
h. Phone Number	i. Fax Number	j. Email address

4. Representative (if any):

<u>Gregory J.</u>	<u>Hochmuth</u>	
a. First Name	b. Last Name	
<u>Williams & Sparages LLC</u>		
c. Company		
<u>189 North Main Street, Suite 101</u>		
d. Street Address		
<u>Middleton</u>	<u>MA</u>	<u>01949</u>
e. City/Town	f. State	g. Zip Code
<u>978-539-8088</u>	<u>978-539-8200</u>	<u>ghochmuth@wsengineers.com</u>
h. Phone Number	i. Fax Number	j. Email address

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

<u>\$220.00</u>	<u>\$97.50</u>	<u>\$122.50</u>
a. Total Fee Paid	b. State Fee Paid	c. City/Town Fee Paid



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A. General Information (continued)

6. General Project Description:

To restore jurisdictional wetland resource areas altered without proper permitting.

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:

Essex South

a. County

37540

c. Book

b. Certificate # (if registered land)

303

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.



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

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

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input type="checkbox"/> Bank	1. linear feet	2. linear feet
b. <input checked="" type="checkbox"/> Bordering Vegetated Wetland	750 1. square feet	750 2. square feet
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	1. square feet 3. cubic yards dredged	2. square feet

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet 3. cubic feet of flood storage lost	2. square feet 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 checked="" type="checkbox"/> Riverfront Area	<u>Parker River</u> 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: 146,500 +/-
square feet

4. Proposed alteration of the Riverfront Area:

<u>750+/-</u>	<u>350+/-</u>	<u>400+/-</u>
a. total square feet	b. square feet within 100 ft.	c. square feet between 100 ft. and 200 ft.

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

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

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

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



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

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

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

<u>Resource Area</u>	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	1. square feet 2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	1. square feet	2. cubic yards dune nourishment

	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	1. square feet	
h. <input type="checkbox"/> Salt Marshes	1. square feet	2. sq ft restoration, rehab., creation
i. <input type="checkbox"/> Land Under Salt Ponds	1. square feet 2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	1. square feet	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above 1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	1. square feet	

4. 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.

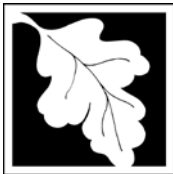
a. square feet of BVW

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**

8/2017

b. Date of map

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

- c. Submit Supplemental Information for Endangered Species Review*

1. Percentage/acreage of property to be altered:

(a) within wetland Resource Area 0.23%/0.017 Acres
percentage/acreage

(b) outside Resource Area _____
percentage/acreage

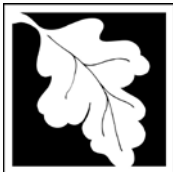
2. Assessor's Map or right-of-way plan of site

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:

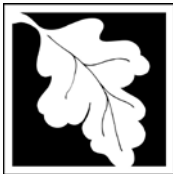
South Shore - Cohasset to Rhode Island border, and the Cape & Islands:

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)

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

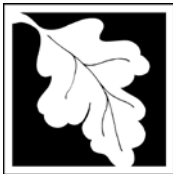
- This is a proposal for an Ecological Restoration Limited Project. Skip Section D and complete Appendix A: Ecological Restoration Notice of Intent – Minimum Required Documents (310 CMR 10.12).

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.

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



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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

June 1, 2020

d. Final Revision Date

Richard L. Williams, P.E.

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:

1588

2. Municipal Check Number

1587

4. State Check Number

Nicholas

6. Payor name on check: First Name

5/22/2020

3. Check date

5/22/2020

5. Check date

Sze


7. Payor name on check: Last Name


NICHOLAS SZE
3 GLENDALE RD
BOXFORD, MA 01921

1587
53-8644/2113

Date 5/22/2020

Pay to the
Order of COMMONWEALTH OF MASSACHUSETTS | \$ 70.00

SEVENTY AND 00/100 Dollars  Security Features Details on Back

 federal credit union
Work. Home. Life.™ 600 Main Street, Waltham MA 02452

For state fee Nicholas Sze MP


⑆ 2 1 1 3 8 6 4 4 5 ⑆ 0 0 4 2 3 7 6 0 4 2 ⑆ 1 5 8 7


NICHOLAS SZE
3 GLENDALE RD
BOXFORD, MA 01921

1588
53-8644/2113

Date 5/22/2020

Pay to the
Order of TOWN OF BOXFORD | \$ 95.00

NINETY-FIVE AND 00/100 Dollars  Security Features Details on Back

 federal credit union
Work. Home. Life.™ 600 Main Street, Waltham MA 02452

For town fee Nicholas Sze MP


⑆ 2 1 1 3 8 6 4 4 5 ⑆ 0 0 4 2 3 7 6 0 4 2 ⑆ 1 5 8 8


NICHOLAS SZE
3 GLENDALE RD
BOXFORD, MA 01921

1589
53-8644/2113

Date 5/22/2020

Pay to the
Order of TOWN OF BOXFORD | \$ 1225.00

TWELVE - HUNDRED - TWENTY - FIVE AND 00/100 Dollars  Security Features Details on Back

 federal credit union
Work. Home. Life.™ 600 Main Street, Waltham MA 02452

For TOWN BYLAW FEE, NDI Nicholas Sze MP

⑆ 2 1 1 3 8 6 4 4 5 ⑆ 0 0 4 2 3 7 6 0 4 2 ⑆ 1 5 8 9



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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.

<p><i>Nichols</i> <i>Se</i></p>	<p><i>5/22/2020</i></p>
1. Signature of Applicant	2. Date
<p><i>[Signature]</i></p>	<p><i>5/29/2020</i></p>
3. Signature of Property Owner (if different)	4. Date
<p><i>[Signature]</i></p>	<p><i>5/29/2020</i></p>
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.



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 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:

3 Glendale Road Boxford
 a. Street Address b. City/Town
 1587 \$70.00
 c. Check number d. Fee amount

2. Applicant Mailing Address:

Nicholas Sze
 a. First Name b. Last Name

 c. Organization
 3 Glendale Road
 d. Mailing Address
 Boxford MA 01921
 e. City/Town f. State g. Zip Code
 617-620-6025 nick.sze1@yahoo.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.

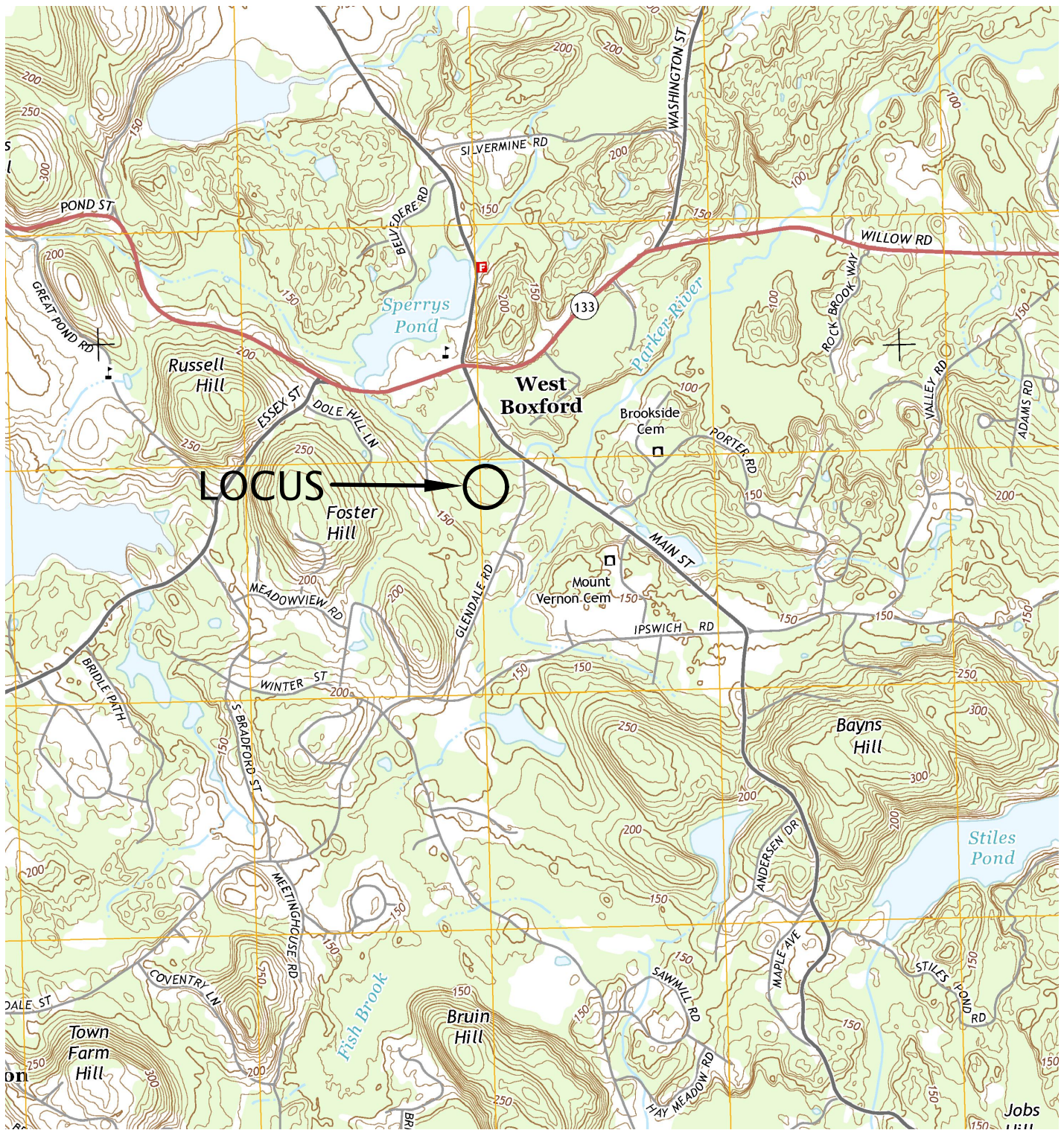
Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.

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

WILLIAMS & SPARGES
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: 1:25,000 (metric contours)

LOCUS MAP
#3 GLENDALE ROAD
BOXFORD, MA 01921



Introduction:

The subject property is identified as Map 13, Block 3, Lot 33 and is otherwise known as 3 Glendale Road. The lot is comprised of approximately 7.4 acres of land, and is currently developed with a single-family dwelling, which according to the Boxford Assessors office was constructed in 1984.

During the fall of 2019 the property owner conducted activities within jurisdictional areas of the Massachusetts Wetlands Protection Act and Town of Boxford Wetlands Protection Bylaw without proper permitting, more specifically the activities included the cutting and clearing of vegetation within Bordering Vegetated Wetlands (BVW), the 100 foot wetland buffer zone from the BVW and within the 200 foot Riverfront Area.

According to the NRCS Web Soil Survey, soils within the upland on the subject lot are mapped as (405B), Charlton fine sandy loam, and (260B) Sudbury fine sandy loam and soils within the wetland portions of the property are mapped as (6A) Scarboro mucky fine sandy loam & (31A) Walpole sandy loam.

According to the current Division of Fisheries and Wildlife, Natural Heritage and Endangered Species Program (NHESP) Atlas, the majority of the property is mapped as Priority Habit (PH2106) of Rare Species and Estimated Habitats of Rare Wildlife.

Proposed Activities:

The applicant is proposing to restore all areas that were cleared within jurisdictional areas. An extensive resource area restoration/enhancement plan was prepared that contains a dense mixture of canopy, shrub and herbaceous plantings that should restore the altered areas and improve the function and value of the resource areas.

To help ensure success, the restoration plan proposes monitoring of the plantings for a period of at least two growing seasons under the direction of a Professional Wetland Scientist, with reports to be submitted to the Boxford Conservation Commission in the spring and fall during the monitoring period.

Jurisdictional Wetland Resource Areas:

Bordering Vegetated Wetlands: Two Bordering Vegetated Wetlands (BVW) were delineated on the subject property, the A-Series and the B-Series.

The A-Series borders on the Parker River and a farm pond that are located north of the existing dwelling. The A-series extends upgradient well away from the river in many locations and appears to gain its hydrology from a hillside seep in the vicinity of wetland flags A-1 – A-5. 28 Blue wetland flags delineate this BVW, (see attached wetland field data forms).



The B-Series borders on an intermittent stream that flows under the driveway and into the A-Series BVW. The B-Series appears to have formed as a result of a low point being created for the construction of the driveway. 8 Blue wetland flags were used to delineate a portion of the B-Series BVW.

All areas within the BVW and within the 100-foot buffer zone from the BVW are proposed to be restored.

Riverfront Area: As mentioned above, the Parker River flows to the of the existing farm pond in an easterly direction. The mean annual high water associated with this reach of the river is well defined and coincident with the top of bank.

All areas within the Riverfront Area that were altered as a result of the clearing effort are proposed to be restored.

Bordering Land Subject to Flooding: According to FEMA Flood Insurance Rate Map Number 25009C0229F, within effective date of July 3, 2012, this reach of the Parker River has a 100-year flood plain associated with it that is mapped as a Zone AE that drops in elevation from 115 to 110 NAVD88.

No work occurred within BLSF and no work is proposed to occur within BLSF.



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

Applicant: Nicholas Sze Prepared by: Greg Hochmuth Project location: 3 Glendale 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-23 Up		Transect Number: WFA-23 Upland	Date of Delineation: 12/16/2019
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*
<u>Trees</u>				
Red Maple – <i>Acer rubrum</i>	60%	66%	YES	FAC*
Black Cherry – <i>Prunus serotina</i>	30%	33%	YES	FACU
<u>Shrubs</u>				
Red Maple – <i>Acer rubrum</i>	30%	100%	YES	FAC*
<u>Ground Cover</u>				
Canada Mayflower – <i>Mainthemum canadensis</i>	40%	40%	YES	FAC-
Grass (X)	60%	60%	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: 3

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: 260B, Sudbury, fine sandy loam
 hydric soil inclusions: No

Are field observations consistent with soil survey? Yes
 Remarks:

2. Soil Description

Horizon	Depth	Matrix Color	Mottles Color
A	0-10	10YR3/2	-
Bw	10-18	7.5YR5/6	7.5YR5/8

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 BVW: _____
- 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>	<u> </u>
Wetland hydrology present:		
Hydric soil present	<u> </u>	<u> X </u>
Other indicators of hydrology present	<u> </u>	<u> X </u>
Sample location is in a BVW	<u> </u>	<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: Nicholas Sze Prepared by: Greg Hochmuth Project location: 3 Glendale Road, Boxford MA

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-23 Wet		Transect Number: WFA-23 Wet	Date of Delineation: 12/16/2019
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*
<u>Trees</u>				
Red Maple – <i>Acer rubrum</i>	80%	88%	YES	FAC*
Black Cherry – <i>Prunus serotina</i>	10%	11%	NO	FACU
<u>Shrubs</u>				
Red Maple – <i>Acer rubrum</i>	30%	100%	YES	FAC*
<u>Ground Cover</u>				
Skunk Cabbage – <i>Symplocarpus foetidus</i>	40%	57%	YES	OBL*
Sphagnum Moss – <i>Sphagnum</i>	30%	42%	YES	OBL*

* 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: 0

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: 6A, Scarboro mucky fine sandy loam
 hydric soil inclusions: Yes

Are field observations consistent with soil survey? Yes
 Remarks:

2. Soil Description

Horizon	Depth	Matrix Color	Mottles Color
A	0-8	2.5Y2.5/1	-
Bw	8-18	5Y5/2	7.5YR5/8

Remarks:

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 BVW: _____
- 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>	<u> </u>
Wetland hydrology present:		
Hydric soil present	<u> X </u>	<u> </u>
Other indicators of hydrology present	<u> X </u>	<u> </u>
Sample location is in a BVW	<u> X </u>	<u> </u>

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 June 1, 2020 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 Nicholas Sze with the Boxford Conservation Commission on June 1, 2020 for property located at 3 Glendale 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

6/1/2020

Date



TOWN OF BOXFORD**ABUTTER LIST****PARCEL # 13-3-33 - 3 GLENDALE ROAD - CONSERVATION COMMISSION 250'**

PARCEL ID	PARCEL ADDRESS	OWNER 1	OWNER 2	MAILING ADDRESS	CITY/TOWN	STATE	ZIP CODE
12-01-13	29 BROOK RD	MUSHKIN ARTHUR M TR	MUSHKIN DAWN L TR	PO BOX 35	W BOXFORD	MA	01885
12-01-14	20B ESSEX ST	MCCORMACK JOHN P TE	DOROTHY E MCCORMACK	P O BOX 352	W BOXFORD	MA	01885
12-01-05	26 BROOK RD	CLUSTER J LANCE JT	JOAN M COUTERMARSH	26 BROOK ROAD	BOXFORD	MA	01921
12-01-06	12 BROOK RD	WINSHIP MARK SR	WINSHIP MARK A JR	PO BOX 425	W BOXFORD	MA	01885
13-02-19	529 MAIN ST	FUNSTON MATTHEW G	BEAUDETTE AMANDA J	529 MAIN ST	BOXFORD	MA	01921
13-02-20	531 MAIN ST	FERRIGNO JOHN TRUSTEE	JOHN FERRIGNO REV TR	10 SAYWARD ROAD	BOXFORD	MA	01921
13-02-21	537 MAIN ST	CLAY RONALD L	DEBORAH S CLAY	31 ADELIN ST	MANCHESTER	NH	03102
13-02-22	545 MAIN ST	BELL MICHAEL	BELL AMANDA	545 MAIN ST	BOXFORD	MA	01921
13-03-24	10 GLENDALE RD	MC NAMARA JOHN S TE	MC NAMARA JEAN L	10 GLENDALE RD	BOXFORD	MA	01921
13-03-25	MAIN ST	TOWN OF BOXFORD		7A SPOFFORD RD	BOXFORD	MA	01921
13-03-26	522 MAIN ST	MARRESSE SUSAN P		522 MAIN ST	BOXFORD	MA	01921
13-03-33	3 GLENDALE RD	SZE NICHOLAS Y	SZE CAMERON K	3 GLENDALE RD	BOXFORD	MA	01921
13-03-05	MAIN ST	MT VERNON & BROOKSIDE CEMETERY ASSOC		MAIN ST	BOXFORD	MA	01921
13-03-06	7 GLENDALE RD	TURNING POINT INC		7 GLENDALE RD	BOXFORD	MA	01921
13-03-07	11 GLENDALE RD	BELANGER MARK L TE	LUCHETTI LISA M	11 GLENDALE RD	BOXFORD	MA	01921
13-03-08	19 GLENDALE RD	BOVEST DANIEL R	BOVEST CAROL L	19 GLENDALE RD	BOXFORD	MA	01921
13-03-09	15 GLENDALE RD	NELSON SUSAN ANN		15 GLENDALE RD	BOXFORD	MA	01921

CERTIFIED COPY**APRIL 13, 2020**

Boxford Conservation Commission
Application Checklist-Notice of Intent (NOI)

This checklist is designed to assist the applicant in preparing a complete Notice of Intent application. One completed copy of the checklist should be submitted with the application. One (1) original and (7) copies of the NOI forms, plans and appurtenant data listed below are required to be submitted for a complete application

The following are required as part of a complete NOI application and are attached:

- Attached** Completed Notice of Intent form (available from the Conservation Office or at <http://www.mass.gov/dep/appkits/wpaform3.pdf>). (Note: A copy of a complete NOI must also be mailed to the MassDEP NERO, 205B Lowell Street, Wilmington, MA 01887.)

- Attached** Site Plan. See next page for required elements of plan.

- Attached** List of abutters within 250’ of the project parcel(s) (and all pond abutters if applicable), prepared and certified by the Town Assessor’s Office. (Note: A notice of public hearing will be prepared by the Conservation office and provided to the applicant when the application is submitted. At the public hearing, the applicant must provide evidence that the notice was mailed to each of the persons on the certified abutters list.)

- Attached** A copy of a check made out in the correct amount to the Department of Environmental Protection and a copy of a completed State Wetlands Fee Transmittal Form. (Note: the applicant is responsible for mailing this check along with a completed State Wetlands Fee Transmittal Form to the DEP “Lockbox” at Box 4062, Boston MA 02211.)

- Attached** A check for local filing fees made out in the correct amount to the “Town of Boxford”.

- Attached** **N/A** Proof of mailing or proof of hand delivery to the Natural Heritage and Endangered Species Program, if applicable.

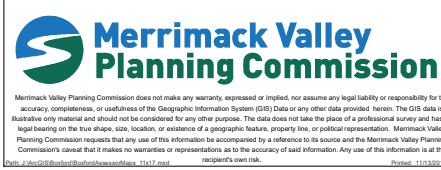
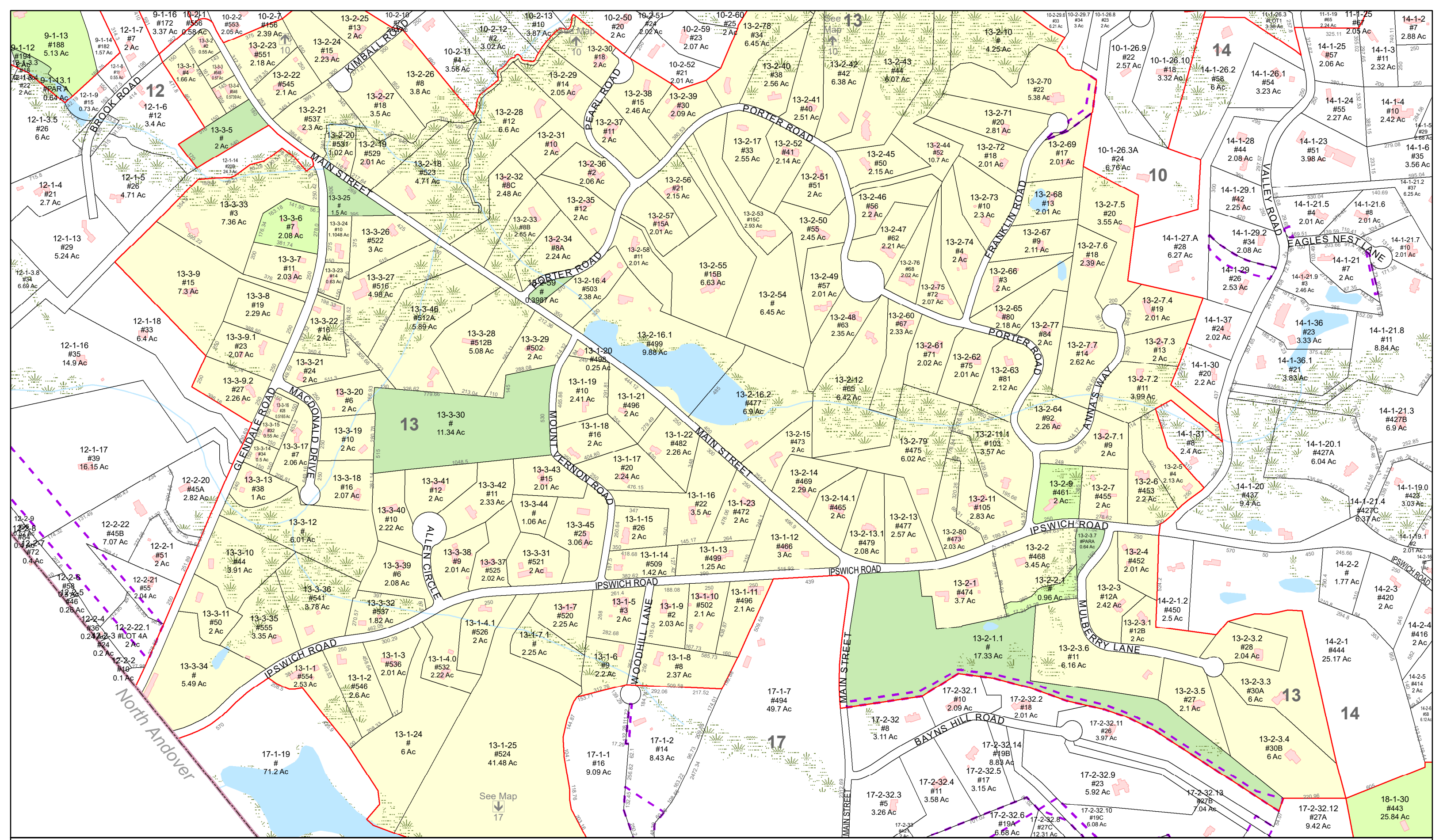
- Attached** **N/A** Evidence that all other Boxford Bylaw permit applications relevant to the project have been filed, if applicable (e.g., Board of Health, Zoning Board of Appeals). Please list all other Bylaw permit filings:
_____.

The following must be shown on the site plan attached to the application:

- Shown** All appropriate plan requirements listed in Section 375-5(A)(1)(b) of the Town of Boxford Wetland Protection Bylaw Regulations.
- Shown** The signature and stamp of a Registered Professional Land Surveyor, Registered Sanitarian, or Registered Professional Engineer, and the identity of the firm/person that delineated the wetland resource area..
- Shown** Boundaries of all wetland resource areas (e.g., bordering vegetated wetland, bordering land subject to flooding). All demarcation flags must be located by survey in the field and shown on the plan.
- Shown** All wetland resource area setback lines (e.g., 100' Limit of Jurisdiction, 200' Riverfront, 25' No Disturb, 75' No Build).
- Shown** Existing contour information and proposed grading.
- Shown** Existing site conditions and proposed changes including structures, pavement, landscaping, underground utilities and building overhangs. (Note: it may be necessary to show areas outside of the limits of jurisdictional wetland area in order to provide adequate information for the Commission to properly review the project.)
- Shown** All erosion / sedimentation control measures.
- Shown** Pre- and post-development overstory tree line within jurisdictional area, and a calculation of the percent removal of overstory trees within the “discretionary cutting area” (see Section 375-4(A) and Section 375-98(D) (2) of the Boxford Wetlands Protection Regulations).

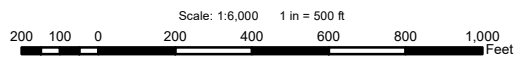
Applications subject to the DEP Stormwater Management Policy must include the following: *(The plan and supporting documentation must also be mailed to the DEP Northeast Office and the Boxford DPW)*

- Attached** Completed DEP Stormwater Management Form.
- Attached** Stormwater & flood calculations using the Cornell Atlas rainfall estimates, prepared by a Professional Engineer.
- Attached** Operations and Maintenance Plan.
- Attached** A stormwater management plan showing stormwater management features highlighted in separate colors, per section 375-5(A)(1)(d) of the Boxford Wetlands Protection Bylaw Regulations.



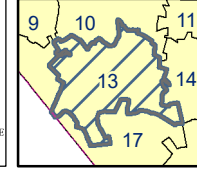
Notes
 This map is for assessment purposes only. It is not a valid document for legal description or conveyance. Lot dimensions were compiled from existing assessor maps and survey based plans. For legal determination please refer to parcel specific deeds or the Town of Boxford Assessor Office.
 * Wetlands Note: The wetlands shown on the map do not depict their actual extent or boundary. A wetlands scientist should be consulted if a delineation is required.

Town of Boxford
 Property Parcel Maps
 13



Legend

- Adjacent Maps
- Town Boundaries
- Map Boundaries
- Property Parcels
- Easements
- Building Footprint
- Hydrographic Features
- Streams
- Wetlands
- Commercial Land Use
- Industrial Land Use
- State
- County
- Municipal
- Private



Merrimack Valley Planning Commission does not make any warranty, expressed or implied, nor assume any liability or responsibility for the accuracy, completeness, or usefulness of the Geographic Information System (GIS) Data or any other data provided herein. The GIS data is illustrative only and should not be considered for any other purpose. The data does not take the place of a professional survey and has no legal bearing on the true shape, size, location, or existence of a geographic feature, property line, or political representation. Merrimack Valley Planning Commission requests that any use of this information be accompanied by a reference to its source and the Merrimack Valley Planning Commission's caveat that makes no warranties or representations as to the accuracy of said information. Any use of this information is at the recipient's own risk.

Map Revision Date: January 1, 2019



