

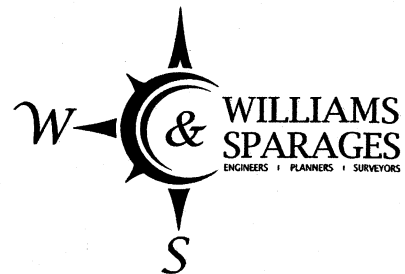
Project No. BOXF-0026

Applicant:  
Chris & Christine Hanson  
10 Great Pond Drive  
Boxford, MA 01921

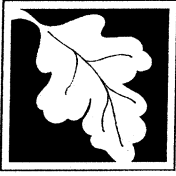
# NOTICE OF INTENT

10 Great Pond Drive  
Boxford, Massachusetts

September 18, 2014



189 N. Main Street, Suite 101  
Middleton, MA 01949  
978-539-8088 Phone  
978-539-8200 Fax  
[www.wsengineers.com](http://www.wsengineers.com)



# WPA Form 3 – Notice of Intent

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

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>10 Great Pond Drive</u>	<u>Boxford</u>	<u>01921</u>
a. Street Address	b. City/Town	c. Zip Code
<u>Latitude and Longitude:</u>	<u>N 42.6957</u>	<u>W 71.0030</u>
	d. Latitude	e. Longitude
<u>Map 19</u>	<u>Block 3, Lot 16.8</u>	
f. Assessors Map/Plat Number	g. Parcel /Lot Number	

2. Applicant:

<u>Chris</u>	<u>Hanson</u>		
a. First Name	b. Last Name		
<u>10 Great Pond Drive</u>			
c. Organization			
<u>Boxford</u>	<u>MA</u>	<u>01921</u>	
d. Street Address	e. City/Town	f. State	g. Zip Code
<u>(617) 755-6449</u>	<u>chansons@comcast.net</u>		
h. Phone Number	i. Fax Number	j. Email Address	

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

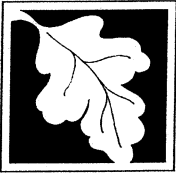
<u></u>	<u></u>	
a. First Name	b. Last Name	
<u></u>		
c. Organization		
<u></u>		
d. Street Address		
<u></u>	<u></u>	<u></u>
e. City/Town	f. State	g. Zip Code
<u></u>	<u></u>	<u></u>
h. Phone Number	i. Fax Number	j. Email address

4. Representative (if any):

<u>Greg</u>	<u>Hochmuth</u>	
a. First Name	b. Last Name	
<u>Williams &amp; Sparages LLC</u>		
c. Company		
<u>189 North Main Street</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>\$110.00</u>	<u>\$42.50</u>	<u>\$67.50</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

MassDEP File Number

Document Transaction Number

Boxford

City/Town

## A. General Information (continued)

### 6. General Project Description:

Installation of a fence within 100 feet of Bordering Vegetated Wetlands and construction of an  
inground swimming pool, patio and grading within 100 feet of Bordering Land Subject to Flooding.

### 7a. Project Type Checklist:

- |   |   |
|---|---|
| 1. <input type="checkbox"/> Single Family Home                | 2. <input type="checkbox"/> Residential Subdivision                   |
| 3. <input type="checkbox"/> Limited Project Driveway Crossing | 4. <input type="checkbox"/> Commercial/Industrial                     |
| 5. <input type="checkbox"/> Dock/Pier                         | 6. <input type="checkbox"/> Utilities                                 |
| 7. <input type="checkbox"/> Coastal Engineering Structure     | 8. <input type="checkbox"/> Agriculture (e.g., cranberries, forestry) |
| 9. <input type="checkbox"/> Transportation                    | 10. <input checked="" type="checkbox"/> Other                         |

### 7b. Is any portion of the proposed activity eligible to be treated as a 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:

#### 2. Limited Project

### 8. Property recorded at the Registry of Deeds for:

Essex South District

86564

a. County

b. Certificate # (if registered land)

c. Book

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.

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 3. cubic yards dredged	2. square feet



# WPA Form 3 – Notice of Intent

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

MassDEP File Number \_\_\_\_\_

Document Transaction Number \_\_\_\_\_

Boxford \_\_\_\_\_

City/Town \_\_\_\_\_

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

<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 _____ 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 type="checkbox"/> Riverfront Area	1. Name of Waterway (if available) _____	
2. Width of Riverfront Area (check one):		
<input type="checkbox"/> 25 ft. - Designated Densely Developed Areas only		
<input type="checkbox"/> 100 ft. - New agricultural projects only		
<input type="checkbox"/> 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?		<input type="checkbox"/> Yes <input type="checkbox"/> No
6. Was the lot where the activity is proposed created prior to August 1, 1996?		<input type="checkbox"/> Yes <input type="checkbox"/> No

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

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.

<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 _____

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

MassDEP File Number \_\_\_\_\_

Document Transaction Number \_\_\_\_\_

Boxford \_\_\_\_\_

City/Town \_\_\_\_\_

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

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

## C. Other Applicable Standards and Requirements

### 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](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:**

MASSGIS  
September 2014

Natural Heritage and Endangered Species Program  
Division of Fisheries and Wildlife  
100 Hartwell Street, Suite 230  
West Boylston, MA 01583



# WPA Form 3 – Notice of Intent

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

MassDEP File Number

Document Transaction Number

Boxford

City/Town

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

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.1.d, 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).*

### 1. c. Submit Supplemental Information for Endangered Species Review\*

1.  Percentage/acreage of property to be altered:

(a) within wetland Resource Area

0  
percentage/acreage

(b) outside Resource Area

7% / 0.18 Acres  
percentage/acreage

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

3.  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

(c)  MESA filing fee (fee information available at <http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/regulatory-review/mass-endangered-species-act-mesa/mesa-fee-schedule.html>). 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

### d. 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/eea/agencies/dfg/dfw/laws-regulations/cmr/321-cmr-1000-massachusetts-endangered-species-act.html#10.14>; 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

\* 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.

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

NHESP  
 Division of Fisheries & Wildlife  
 100 Hartwell Street  
 Suite 230  
 West Boylston, MA 01583

2. Article Num  
(Transfer fr

7014 0150 0001 4616 2613

PS Form 3811, July 2013

Domestic Return Receipt

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature

X

- Agent
- Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1?  Yes  
 If YES, enter delivery address below:  No

3. Service Type

- Certified Mail®  Priority Mail Express™
- Registered  Return Receipt for Merchandise
- Insured Mail  Collect on Delivery

4. Restricted Delivery? (Extra Fee)  Yes

BOXF-0026

PS Form 3800, August 2006 See Reverse for Instructions

Sent To: NHESP - Division of Fisheries & Wildlife  
 Street, Apt. No.: 100 Hartwell St., Suite 230  
 City, State, ZIP+4: West Boylston, MA 01583

107 N. AVENUE CT., WILMINGTON, MA 01797

NHESP  
 Division of Fisheries and Wildlife  
 100 Hartwell Street, Suite 230  
 West Boylston, MA 01583

Postage	\$
Certified Fee	
Return Receipt Fee	
(Endorsement Required)	
Restricted Delivery Fee	
(Endorsement Required)	
Total Postage & Fees	\$3

Postmark Here

OFFICIAL USE

For delivery information visit our website at www.usps.com®

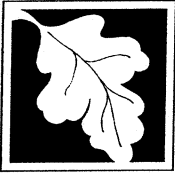
(Domestic Mail Only; No Insurance Coverage Provided)

U.S. Postal Service™ CERTIFIED MAIL™ RECEIPT

7014 0150 0001 4616 2613  
 7014 0150 0001 4616 2613



04411120101125



# WPA Form 3 – Notice of Intent

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

MassDEP File Number

Document Transaction Number

Boxford

City/Town

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

3.  Separate MESA review completed.  
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.
2. 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 or hand delivery of NOI to either:
- |   |  |
|---|--|
| South Shore - Cohasset to Rhode Island, and the Cape & Islands:   | North Shore - Hull to New Hampshire:   |
| Division of Marine Fisheries - Southeast Marine Fisheries Station<br>Attn: Environmental Reviewer<br>1213 Purchase Street – 3rd Floor<br>New Bedford, MA 02740-6694 | Division of Marine Fisheries - North Shore Office<br>Attn: Environmental Reviewer<br>30 Emerson Avenue<br>Gloucester, MA 01930 |

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.

3. 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
- 
4. 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
5. 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
6. 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

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

- 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

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.
- 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

Richard Williams

b. Prepared By

c. Signed and Stamped by

September 20, 2014

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.



# 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

## 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:

<u>3470</u>	<u>9/17/14</u>
2. Municipal Check Number	3. Check date
<u>3468</u>	<u>9/17/14</u>
4. State Check Number	5. Check date
<u>Christine</u>	<u>Hanson</u>
6. Payor name on check: First Name	7. Payor name on check: Last Name

## 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.

<u>[Signature]</u>	<u>9/17/14</u>
1. Signature of Applicant	2. Date
<u>[Signature]</u>	<u>9/17/14</u>
3. Signature of Property Owner (if different)	4. Date
<u>[Signature]</u>	<u>9/17/14</u>
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.

CHRISTOPHER M HANSON  
CHRISTINE L HANSON  
10 GREAT POND DR  
BOXFORD, MA 01921

Fidelity Account®

3468

80-568/1012

9/17/14

Date

Pay to the  
Order of

Commonwealth of Massachusetts \$ 42.50  
Forty two Dollars and 50/100

Dollars

Security  
Features  
Details on  
Back.



**Fidelity**  
INVESTMENTS

UMB Bank, N.A.  
Warsaw, MO

For

State Return - state fee

*Clarke*

MP

⑆ 10120568 1:3468 ⑆ 7710519143960 ⑆

Harland Clarke

CHRISTOPHER M HANSON  
CHRISTINE L HANSON  
10 GREAT POND DR  
BOXFORD, MA 01921

Fidelity Account®

3469

80-568/1012

9/17/14

Date

Pay to the  
Order of

Commonwealth of Massachusetts - NHESP \$ 300.00  
Three Hundred Dollars and 00/100

Dollars

Security  
Features  
Details on  
Back.



**Fidelity**  
INVESTMENTS

UMB Bank, N.A.  
Warsaw, MO

For

Rare Specter Renew

*Clarke*

MP

⑆ 10120568 1:3469 ⑆ 7710519143960 ⑆

Harland Clarke

CHRISTOPHER M HANSON  
CHRISTINE L HANSON  
10 GREAT POND DR  
BOXFORD, MA 01921

Fidelity Account®

3471

80-568/1012

9/17/14

Date

Pay to the  
Order of

Town of Boxford \$ 200.00  
Two Hundred Dollars and 00/100

Dollars

Security  
Features  
Details on  
Back.



**Fidelity**  
INVESTMENTS

UMB Bank, N.A.  
Warsaw, MO

For

Can Bylaws fee

*Clarke*

MP

⑆ 10120568 1:3471 ⑆ 7710519143960 ⑆

Harland Clarke

CHRISTOPHER M HANSON  
CHRISTINE L HANSON  
10 GREAT POND DR  
BOXFORD, MA 01921

Fidelity Account®

3470

80-568/1012

9/17/14

Date

Pay to the  
Order of

Town of Boxford \$ 67.50  
Sixty Seven Dollars and 50/100

Dollars

Security  
Features  
Details on  
Back.



**Fidelity**  
INVESTMENTS

UMB Bank, N.A.  
Warsaw, MO

For

Town Return - state filing

*Clarke*

MP

⑆ 10120568 1:3470 ⑆ 7710519143960 ⑆

Project Narrative  
#10 Great Pond Drive, Boxford, MA 01921  
September 17, 2014

**Introduction:**

The Applicants, Christine and Christopher Hanson, are proposing to install an in-ground swimming pool, patio and fence in their property at 10 Great Pond Drive. The property abuts Baldpate Pond and has several overlapping resource areas that extend onto the property. All of the work is proposed within existing maintained lawn and or landscaped areas and has been pulled as close to the dwelling as practicable.

**Bordering Vegetated Wetlands:**

There are Bordering Vegetated Wetlands along the edge of Baldpate Pond and have been delineated as the A-Series.

**Isolated Vegetated Wetlands:**

There is a small isolated vegetated wetland in the left rear of the property that is approximately 500 square feet. This wetland is not a vernal pool. This wetland was delineated as the B-Series.

**Bordering Land Subject to Flooding:**

There is a FEMA Zone A 100 year floodplain that extends onto the property from Baldpate Pond. Based on the topography behind the dwelling it appears that the graphical interpretation is conservative. A detailed flood study has not been done in this area and there is no elevation attached to the flood plain.

**Summary:**

There is a 100 foot no disturb zone from the edge of water associated with Baldpate Pond. No work is proposed within this zone. Most of the work proposed is on the outskirts of the 100 foot buffer zone associated with the BLSF. Erosion controls are proposed during construction until the site is stabilized. The pool will be equipped with a non-backwash filtration system and there will be no backwash within jurisdictional areas. Access to the work area will be off the existing driveway and any stockpiles will be temporary in nature and on the up-slope side of the erosion controls.

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

Applicant: Christine Hanson Prepared by: Greg Hochmuth Project location: 10 Great Pond Drive, 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: A2-Upland		Transect Number: A2-Upland	Date of Delineation: 9/10/14
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*
<b>Trees</b>				
White Pine Pinus strobus	90%	75%	YES	FACU
Red Oak Quercus rubra	30%	25%	YES	FACU-
<b>Shrubs</b>				
Pepperbush Clethra alnifolia	50%	62%	YES	FACW+*
Black Huckleberry Gaylussacia baccata	30%	37%	YES	FACU
<b>Ground Cover</b>				
Partridgeberry Mitchella repens	15%	100%	YES	FACU

\* 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: 1 Number of dominant non-wetland indicator plants: 4

Is the number of dominant wetland plants equal to or greater than the number of dominant non-wetland plants? No

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

### 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 BWV: \_\_\_\_\_
- Oxidized rhizospheres: \_\_\_\_\_
- Water-stained leaves: \_\_\_\_\_
- Recorded Data (streams, lake, or tidal gauge; aerial photo; other):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Other: \_\_\_\_\_

### 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: Hinckley Loamy Sand  
 hydric soil inclusions: Well Drained

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"	7.5YR5/8	

Remarks:

#### 3. Other:

Conclusion: Is soil hydric? no

### Vegetation and Hydrology Conclusion

Number of wetland indicator plants  
 ≥ # of non-wetland indicator plants

Yes No

— X

### Wetland hydrology present:

Hydric soil present

— X

Other indicators of hydrology present

— X

Sample location is in a BWV

— X

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

Applicant: Christine Hanson Prepared by: Greg Hochmuth Project location: 10 Great Pond Drive, 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: A2-Wetland		Transect Number: A2-Wetland	Date of Delineation: 9/10/14
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**  
 White Pine Pinus strobus  
 Red Oak Quercus rubra

60% 85%  
 10% 15%

YES  
 NO

FACU  
 FACU-

### Shrubs

Pepperbush Clethra alnifolia  
 Black Huckleberry Gaylussacia baccata

25% 71%  
 10% 28%

YES  
 YES

FACW+\*  
 FACU

### Ground Cover

Yellow Cow-Lily Nuphar luteum

25% 100%

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: 2

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

### 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 BWV: \_\_\_\_\_
- Oxidized rhizospheres: \_\_\_\_\_
- Water-stained leaves: \_\_\_\_\_
- Recorded Data (streams, lake, or tidal gauge; aerial photo; other):  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- Other: \_\_\_\_\_

### 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: Hinckley Loamy Sand  
 hydric soil inclusions: Well Drained

Are field observations consistent with soil survey? yes  
 Remarks:

#### 2. Soil Description

Horizon  
 Site Inundated

Depth

Matrix Color

Mottles Color

Remarks:

#### 3. Other:

Conclusion: Is soil hydric? Baldpate Pond

### 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 BWV

\_\_X\_\_



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)

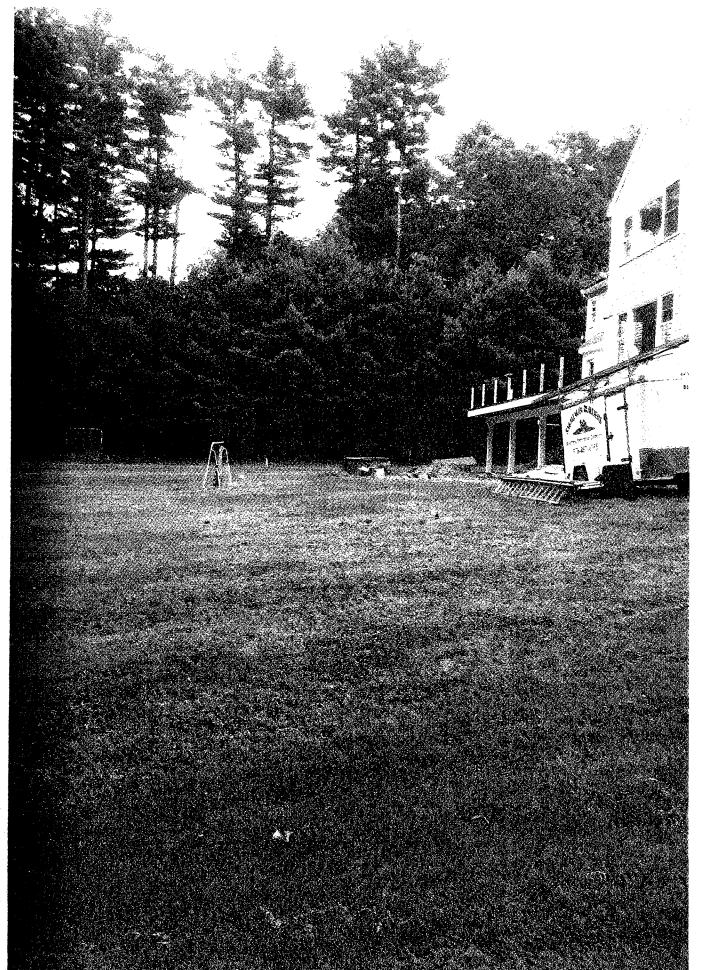
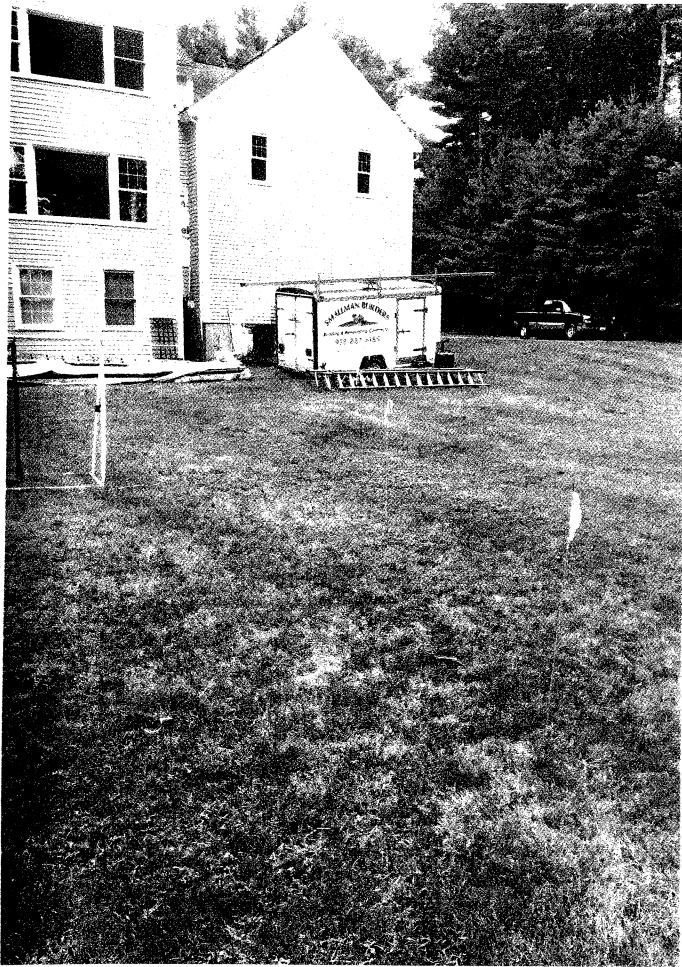
I, Greg Hochmuth, hereby certify under the pains and penalties of perjury that on September 18, 2014 I gave notification to abutters in compliance with the second paragraph of Massachusetts General Law Chapter 131, Section 40, and the DEP Guide to Abutter Notification dated April 8, 1994, in connection with the following matter:

A Notice of Intent filed under Massachusetts Wetlands Protection Act and Boxford Wetlands Protection Bylaw by Chris & Christine Hanson with the Boxford Conservation Commission on September 18, 2014 for property located at 10 Great Pond Drive.

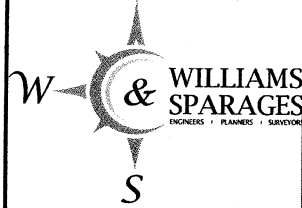
The form of the notification, and a list of the abutters to whom it was given and their addresses, are attached to this Affidavit of Service.

Greg Hochmuth  
Name

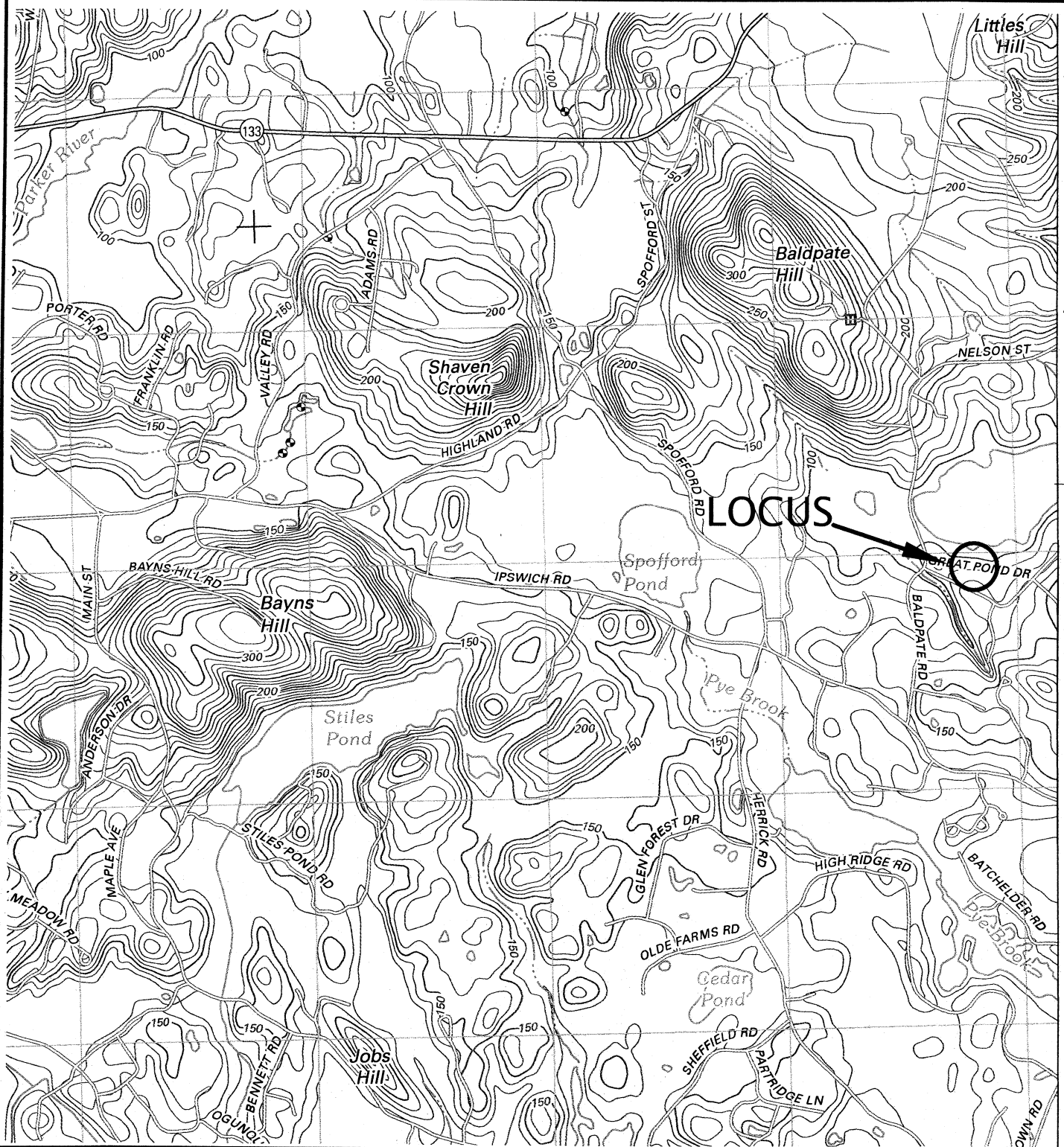
9/17/2014  
Date



WILLIAMS & SPARGES  
CIVIL ENGINEERING &  
LAND SURVEYORS

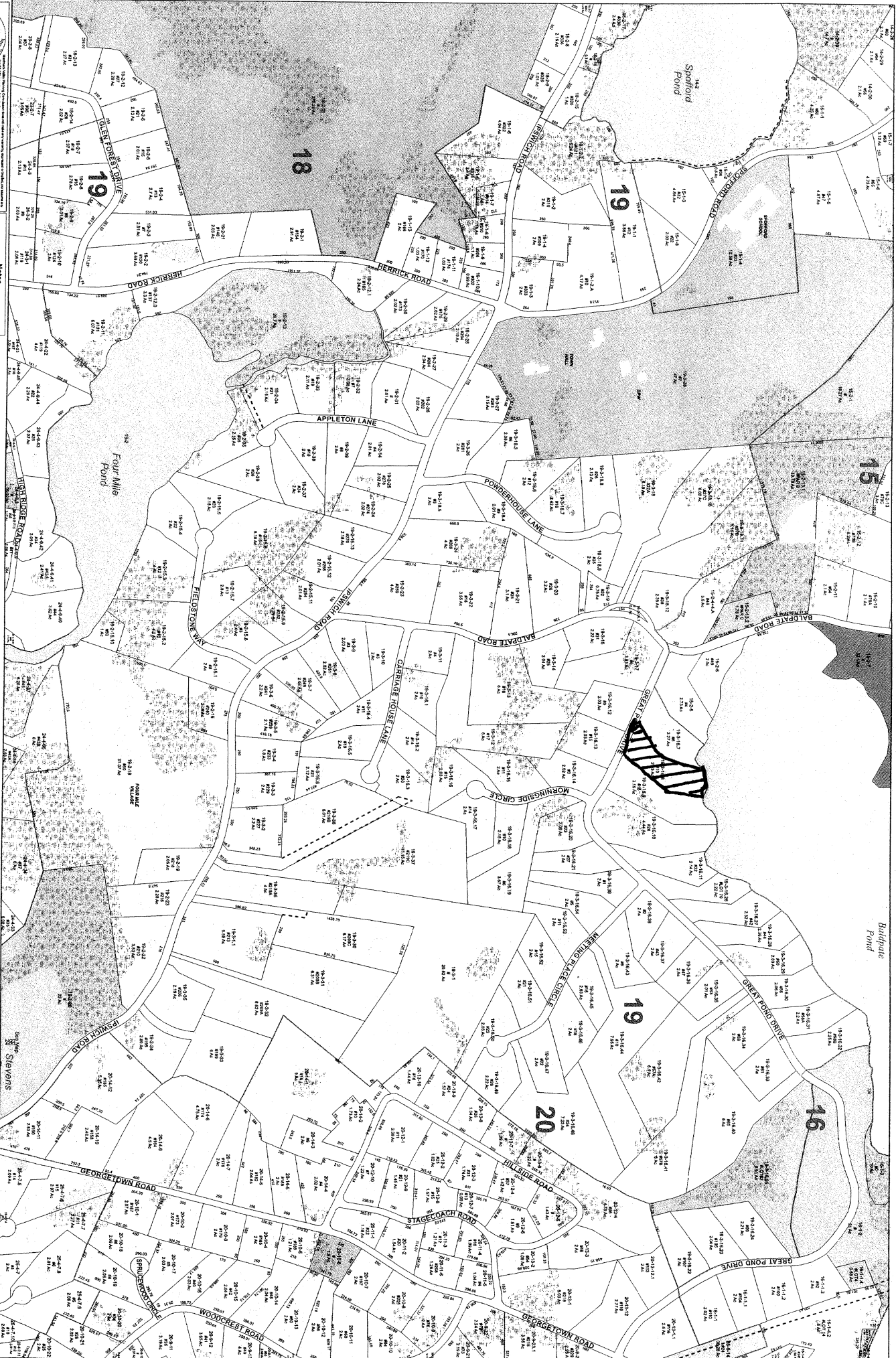


189 NORTH MAIN STREET  
SUITE 101  
MIDDLETON, MA 01949  
PHONE: (978) 539-8088  
FAX: (978) 539-8200



UNITED STATES GEOLOGIC SURVEY MAP  
SOUTH GROVELAND QUAD  
SCALE: 1"=2,000'

LOCUS MAP  
10 GREAT POND DRIVE  
BOXFORD, MASSACHUSETTS



**Merrimack Valley Planning Commission**

1000 Main Street, Box 100  
 Ferrisburgh, Vermont 05752  
 Phone: 802-885-3333  
 Fax: 802-885-3334  
 Website: www.mvpc.org

**Notes**

This map is the assessed property only. It is not a legal document. For legal purposes, consult the Assessor's Office. For information on the Assessor's Office, contact the Assessor's Office.

Scale: 1:3000

North Arrow

Scale: 1:3000

Scale: 1:3000

Scale: 1:3000

Scale: 1:3000

Scale: 1:3000

Scale: 1:3000

**Town of Boxford**  
**Property Parcel Maps**  
**19**

Scale: 1:3000

Scale: 1:3000

Scale: 1:3000

Scale: 1:3000

Scale: 1:3000

Scale: 1:3000

Scale: 1:3000

Scale: 1:3000

Scale: 1:3000



**Legend**

- 1" Asphalt Roads
- 2" Concrete Roads
- 3" Gravel Roads
- 4" Dirt Roads
- 5" Unimproved Roads
- 6" Water
- 7" Wetlands
- 8" Forest
- 9" Open Space
- 10" Other

Scale: 1:3000

Scale: 1:3000

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Scale: 1:3000

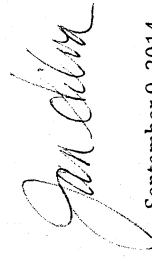
Scale: 1:3000

TOWN OF BOXFORD  
 ABUTTER LIST

PARCEL # 19-3-16.8 ~ 10 GREAT POND DRIVE ~ CONSERVATION COMMISSION 250' PLUS POND ABUTTERS

Map/Lot	Location	Owner	Owner 2	Owner Address	Owner City/Town	Owner State	Zip Code
(19-3-16.9)	16 GREAT POND DR	BELKA SEAN M	BELKA ANNE COAN	16 GREAT POND DR	BOXFORD	MA	01921
(15-2-7)	BALDPATE RD	COMMONWEALTH OF MA	STATE FOREST	100 CAMBRIDGE ST	BOSTON	MA	02115
(19-3-16.10)	26 GREAT POND DR	DWYER JOHN D JR	DWYER SUSAN J	26 GREAT POND DR	BOXFORD	MA	01921
(19-3-16.31)	58A GREAT POND DR	FITZGERALD WAYNE J & ALISA A TRS	FITZGERALD FAMILY TRUST	58A GREAT POND DR	BOXFORD	MA	01921
(19-3-16.27)	42 GREAT POND DR	GERARD A & SUZANNE M REV TR	PAPIN GERARD A & SUZANNE M TRS	42 GREAT POND DR	BOXFORD	MA	01921
(19-3-16.29)	50 GREAT POND DR	GLASSBERG DAVID E	GLASSBERG SUSAN S	50 GREAT POND DR	BOXFORD	MA	01921
(19-3-16.8)	10 GREAT POND DR	HANSON CHRISTOPHER M	HANSON CHRISTINE L	10 GREAT POND DR	BOXFORD	MA	01921
(19-3-16.32)	58B GREAT POND DR	KINNALLY VICTORIA STAIRS TR	VICTORIA STARIS KINNALLY TRUST	58B GREAT POND DR	BOXFORD	MA	01921
(19-3-16.11)	32 GREAT POND DR	KONTOS KEVIN E		32 GREAT POND DR	BOXFORD	MA	01921
(19-3-16.7)	8 GREAT POND DR	MASTERTON JOHN J	MASTERTON SHARON L	8 GREAT POND DR	BOXFORD	MA	01921
(19-3-16.28)	44 GREAT POND DR	NARATH PIERRE		277 WASHINGTON ST	GROVELAND	MA	01921
(15-2-5)	4 GREAT POND DR	NARATH ROSEMARIE TR	ROSEMARIE NARATH REALTY TRUST	4 GREAT POND DR	BOXFORD	MA	01834
(15-2-11)	64 BALDPATE RD	O'KEEFE JOHN P & JEAN M TRS	THE O'KEEFE NOMINEE TRUST	64 BALDPATE RD	BOXFORD	MA	01921
(19-3-16.26)	LOT 70 GREAT POND DR	SUZANNE M PAPIN REV TR	PAPIN SUZANNE M TR	42 GREAT POND DR	BOXFORD	MA	01921
(19-3-16.30)	56 GREAT POND DR	TINGLE BROOKS E JT	HAYES KRISTEN A	56 GREAT POND DR	BOXFORD	MA	01921
(15-2-13.1)	PAR B BALDPATE RD	TOWN OF BOXFORD		7A SPOFFORD RD	BOXFORD	MA	01921
(15-2-13.2)	PAR C BALDPATE RD	TOWN OF BOXFORD		7A SPOFFORD RD	BOXFORD	MA	01921
(16-1-2)	GREAT POND DR	TOWN OF BOXFORD		7A SPOFFORD RD	BOXFORD	MA	01921
(16-1-3)	GREAT POND DR	TOWN OF GEORGETOWN	BOARD OF SELECTMEN	1 LIBERTY ST	GEORGETOWN	MA	01921
(15-2-6)	49 BALDPATE RD	TYLER LIVING TRUST	TYLER DAVID WETUX TRS	49 BALDPATE RD	BOXFORD	MA	01833

CERTIFIED COPY



September 9, 2014

O'KEEFE JOHN P & JEAN M TRS  
THE O'KEEFE NOMINEE TRUST  
64 BALDPATE RD  
BOXFORD, MA 01921

TOWN OF BOXFORD  
7A SPOFFORD RD  
BOXFORD, MA 01921

TOWN OF BOXFORD  
7A SPOFFORD RD  
BOXFORD, MA 01921

NARATH ROSEMARIE TR  
ROSEMARIE NARATH REALTY TRUST  
4 GREAT POND DR  
BOXFORD, MA 01921

TYLER LIVING TRUST  
TYLER DAVID W ETUX TRS  
49 BALDPATE RD  
BOXFORD, MA 01921

COMMONWEALTH OF MA  
STATE FOREST  
100 CAMBRIDGE ST  
BOSTON, MA 02115

TOWN OF BOXFORD  
7A SPOFFORD RD  
BOXFORD, MA 01921

TOWN OF GEORGETOWN  
BOARD OF SELECTMEN  
1 LIBERTY ST  
GEORGETOWN, MA 01833

DWYER JOHN D JR  
DWYER SUSAN J  
26 GREAT POND DR  
BOXFORD, MA 01921

KONTOS KEVIN E  
32 GREAT POND DR  
BOXFORD, MA 01921

SUZANNE M PÁPIN REVOCABLE TRUST  
PAPIN SUZANNE M TR  
42 GREAT POND DR  
BOXFORD, MA 01921

GERARD A & SUZANNE M REVOCABLE  
TRUST  
PAPIN GERARD A & SUZANNE M TRS  
42 GREAT POND DR  
BOXFORD, MA 01921

MESSINA ROBERT  
MESSINA MARYLEE  
277 WASHINGTON ST  
GROVELAND, MA 01834

GLASSBERG DAVID E  
GLASSBERG SUSAN S  
50 GREAT POND DR  
BOXFORD, MA 01921

TINGLE BROOKS E JT  
HAYES KRISTEN A  
56 GREAT POND DR  
BOXFORD, MA 01921

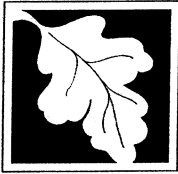
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FITZGERALD FAMILY TRUST  
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BOXFORD, MA 01921

KINNALLY VICTORIA STAIRS TR  
VICTORIA STARIS KINNALLY TRUST  
58B GREAT POND DR  
BOXFORD, MA 01921

MASTERSON JOHN J  
MASTERSON SHARON L  
8 GREAT POND DR  
BOXFORD, MA 01921

HANSON CHRISTOPHER M  
HANSON CHRISTINE L  
10 GREAT POND DR  
BOXFORD, MA 01921

BELKA SEAN M  
BELKA ANNE COAN  
16 GREAT POND DR  
BOXFORD, MA 01921



**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:

10 Great Pond Drive  
 a. Street Address  
 3468  
 c. Check number  
 Boxford  
 b. City/Town  
 \$42.50  
 d. Fee amount

2. Applicant Mailing Address:

Chris  
 a. First Name  
 Hanson  
 b. Last Name  
 c. Organization  
 10 Great Pond Drive  
 d. Mailing Address  
 Boxford  
 e. City/Town  
 MA  
 f. State  
 01921  
 g. Zip Code  
 (617) 755-6449  
 h. Phone Number  
 i. Fax Number  
 chansons@comcast.net  
 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

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

**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.

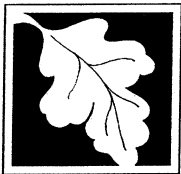
**Step 2/Number of Activities:** Identify the number of each type of activity.

**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.



**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 2a.	1	\$110.00	\$110.00
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

**Step 5/Total Project Fee:** \_\_\_\_\_

**Step 6/Fee Payments:**

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

**C. Submittal Requirements**

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

Department of Environmental Protection  
 Box 4062  
 Boston, MA 02211

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

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