

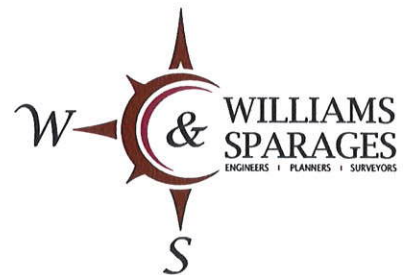
Project No. BOXF-0045

Applicant:
Josh Gould
41 Woodcrest Road
Boxford, MA 01921

NOTICE OF INTENT

41 Woodcrest Road
Boxford, Massachusetts

August 2, 2016



189 N. Main Street, Suite 101
Middleton, MA 01949
978-539-8088 Phone
978-539-8200 Fax
www.wsengineers.com



Massachusetts Department of Environmental Protection
 Bureau of Resource Protection - Wetlands

Provided by MassDEP:

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):

41 Woodcrest Road
 a. Street Address

Boxford
 b. City/Town

01921
 c. Zip Code

42.68724 N
 d. Latitude

70.99000 W
 e. Longitude

f. Assessors Map/Plat Number

g. Parcel /Lot Number

2. Applicant:

Joshua
 a. First Name

Gould
 b. Last Name

c. Organization

41 Woodcrest Road
 d. Street Address

Boxford
 e. City/Town

MA
 f. State

01921
 g. Zip Code

617-272-6285
 h. Phone Number

i. Fax Number

jgouldgm@gmail.com
 j. Email Address

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

a. First Name

b. Last Name

c. Organization

d. Street Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

i. Fax Number

j. Email address

4. Representative (if any):

Greg
 a. First Name

Hochmuth
 b. Last Name

Williams & Sparages, LLC
 c. Company

189 North Main Street, Suite 101
 d. Street Address

Middleton
 e. City/Town

MA
 f. State

01949
 g. Zip Code

978-539-8088
 h. Phone Number

978-539-8200
 i. Fax Number

ghochmuth@wsengineers.com
 j. Email address

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

\$110.00
 a. Total Fee Paid

\$42.50
 b. State Fee Paid

\$67.50
 c. City/Town Fee Paid



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A. General Information (continued)

6. General Project Description:

To add fill material, patio, shed and swingset within 100 feet of Bordering Vegetated Wetlands.

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

a. County

35031

c. Book

b. Certificate # (if registered land)

125

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 type="checkbox"/> Bordering Vegetated Wetland	1. square feet	2. square feet
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	1. square feet	2. square feet
	3. cubic yards dredged	

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input type="checkbox"/> Bordering Land Subject to Flooding	1. square feet	2. square feet
	3. cubic feet of flood storage lost	4. cubic feet replaced
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet	
	2. cubic feet of flood storage lost	3. cubic feet replaced
f. <input type="checkbox"/> Riverfront Area	1. Name of Waterway (if available) - specify coastal or inland	

2. Width of Riverfront Area (check one):

- 25 ft. - Designated Densely Developed Areas only
- 100 ft. - New agricultural projects only
- 200 ft. - All other projects

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

4. Proposed alteration of the Riverfront Area:

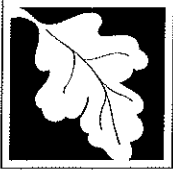
a. total square feet	b. square feet within 100 ft.	c. square feet between 100 ft. and 200 ft.
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5. Has an alternatives analysis been done and is it attached to this NOI? Yes No

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

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

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



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Boxford

City/Town

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

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

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

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

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

MASSGIS8/2016

b. Date of map

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

- c. Submit Supplemental Information for Endangered Species Review*
1. Percentage/acreage of property to be altered:
 - (a) within wetland Resource Area _____ percentage/acreage
 - (b) outside Resource Area _____ percentage/acreage
 2. Assessor's Map or right-of-way plan of site
2. Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work **
- (a) Project description (including description of impacts outside of wetland resource area & buffer zone)
 - (b) Photographs representative of the site

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

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



WPA Form 3 – Notice of Intent

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

MassDEP File Number

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City/Town

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

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

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

(d) Vegetation cover type map of site

(e) Project plans showing Priority & Estimated Habitat boundaries

(f) OR Check One of the Following

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

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

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

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

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

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

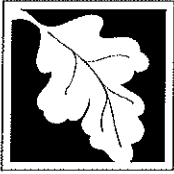
South Shore - Cohasset to Rhode Island border, and the Cape & Islands:

North Shore - Hull to New Hampshire border:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
1213 Purchase Street – 3rd Floor
New Bedford, MA 02740-6694
Email: DMF.EnvReview-South@state.ma.us

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.



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)

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.



MassDEP File Number _____
 Document Transaction Number _____
 Boxford _____
 City/Town _____

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	c. Signed and Stamped by	Richard L. Williams
b. Prepared By	8/3/2016	d. Final Revision Date	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:

2. Municipal Check Number	146	3. Check date	8/1/2016
4. State Check Number	145	5. Check date	8/1/2016
6. Payor name on check: First Name	Joshua	7. Payor name on check: Last Name	Gould

JOSHUA W GOULD
KRISTINE A GOULD
 667 ESSEX AVE
 GLOUCESTER, MA 01930

53-179/113 147
 DATE 8/1/2016

PAY TO THE ORDER OF Town of Boxford \$ 250.00
Two hundred fifty and $\frac{00}{100}$ DOLLARS

Eastern Bank Boston, MA 02110
 easternbank.com
 1-800-EASTERN

MEMO bylaw fee MP

⑆011301798⑆ 0406489825⑈ 0147

JOSHUA W GOULD
KRISTINE A GOULD
 667 ESSEX AVE
 GLOUCESTER, MA 01930

53-179/113 146
 DATE 8/1/2016

PAY TO THE ORDER OF Town of Boxford, \$ 67.50
Sixty seven and $\frac{50}{100}$ DOLLARS

Eastern Bank Boston, MA 02110
 easternbank.com
 1-800-EASTERN

MEMO Town portion of state fee MP

⑆011301798⑆ 0406489825⑈ 0146

JOSHUA W GOULD
KRISTINE A GOULD
 667 ESSEX AVE
 GLOUCESTER, MA 01930

53-179/113 145
 DATE 8/1/2016

PAY TO THE ORDER OF Commonwealth of MA \$ 42.50
Forty two and $\frac{50}{100}$ DOLLARS

Eastern Bank Boston, MA 02110
 easternbank.com
 1-800-EASTERN

MEMO _____ MP

⑆011301798⑆ 0406489825⑈ 0145



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

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

8/2/2016

3. Signature of Property Owner (if different)

4. Date

5. Signature of Representative (if any)

6. Date

8/2/2016

For Conservation Commission:

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

For MassDEP:

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

Other:

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

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



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

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



A. Applicant Information

1. Location of Project:

41 Woodcrest Road

a. Street Address

145

c. Check number

Boxford

b. City/Town

\$42.50

d. Fee amount

2. Applicant Mailing Address:

Joshua

a. First Name

Gould

b. Last Name

c. Organization

41 Woodcrest Road

d. Mailing Address

Boxford

e. City/Town

617-272-6285

h. Phone Number

i. Fax Number

MA

f. State

01921

g. Zip Code

ygouldgm@gmail.com

j. Email Address

3. Property Owner (if different):

a. First Name

b. Last Name

c. Organization

d. Mailing Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

i. Fax Number

j. Email Address

B. Fees

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

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

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

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

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

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

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

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



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

B. Fees (continued)

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

Step 5/Total Project Fee: \$110.00

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

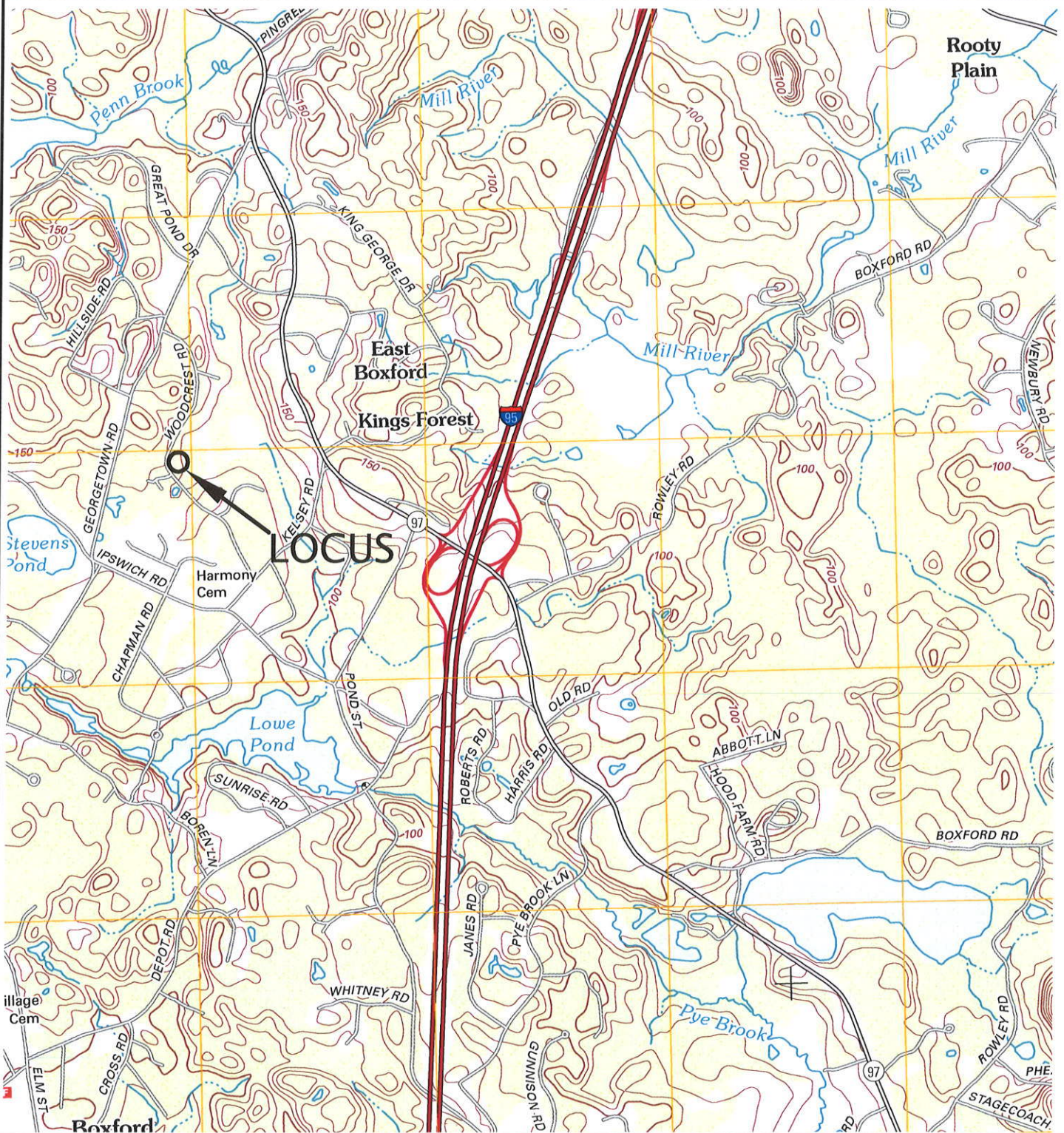
- b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a copy of this form; and the city/town fee payment.

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.)

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
GEORGETOWN QUAD
SCALE: 1"=2,000'

LOCUS MAP
41 WOODCREST ROAD
BOXFORD, MA 01921

Project Narrative
#41 Woodcrest Road, Boxford, MA 01921
(August 2, 2016)

Introduction:

The property is approximately 3.6 acres in size with frontage on Woodcrest Road and a large Bordering Vegetated Wetland, (BVW), in the rear. The lot is identified on the Town's Assessor's Map as Map 20, Block 9, Parcel 12 and is otherwise known as #41 Woodcrest Road. According to the Assessors field card the dwelling was constructed in 1962.

The lot was created in 1958 and is shown as Lot 13 on a plan entitled "Plan of Kelsey Highland, Boxford, Mass., March 24, 1958, Scale 1" = 40', Owner and Subdivider, Boxford Highlands, Inc., Raymond Pressey, Inc.", duly recorded with Essex South District Deeds, in Plan Book 90, Plan 87.

The applicants purchased the property on June 21, 2016 and engaged in activities within jurisdictional areas of the Massachusetts Wetlands Protection Act and Boxford Wetlands Protection Bylaw without proper permitting. More specifically, the work included the removal of vegetation and installation of fill material within 100 feet of Bordering Vegetated Wetlands.

It is important to note that the applicants were not aware of the regulatory restrictions on the property and a lot of the thinning that was done within the no disturb zone was done by the previous owner. The applicant's intent was to grade the area to make the slope more uniform and to expand the lawn area, see attached photographs. The top photo shows the pre-activity condition and the photo below was taken by our office on July 18, 2016.

In addition to the work described above, the applicants are also proposing a swing set, (10'x 16') shed, and patio expansion within the 100 foot buffer zone.

Jurisdictional Resource Areas:

The wetland resource areas were delineated by Greg J. Hochmuth, PWS, CWS from Williams & Sparages, LLC on July 18, 2016. The following resource areas were identified:

Bordering Vegetated Wetlands, (BVW):

There is BVW in the rear of the existing dwelling. The BVW has been delineated as the A-Series using blue surveyors tape.

There is no work proposed with the BVW.

Performance Standards:

Section 375-98 B.(5) of Chapter 375: Wetlands Protection Regulations contains a minimum setback distance chart. According to the chart, structures that require a building permit are required to be 75 feet from the BVW, patios are required to be 30 feet and other alterations to naturally vegetated buffer zones are required to be 25 feet.

The proposed shed is 10'x 16'. According to the Zoning Bylaw a shed less than 200 square feet does not require a building permit. The shed is proposed within the 75 foot no build zone but outside of the 25 foot no disturb zone in an area that is existing maintained lawn. The shed should have no detrimental impact to the BVW.

The proposed patio expansion is well over the 30 foot setback and in an existing maintained lawn area. The proposal is to expand the existing patio to provide more seating area.

The swing set is proposed outside of the 25 foot no disturb zone and will not require a building permit. The swing set should have not detrimental impact to the BVW.

The fill material that was spread within the 25 foot no disturb area is proposed to be removed until the original forest surface is exposed. Once uncovered the area shall be scarified and seeded with a conservation seed mix. If required a thin layer of topsoil will be spread over areas that require material prior to the seeding effort. We expect the existing seed bank to take hold this fall and by next spring existing species to grow.

All areas where fill material was added shall be loamed and seeded with grass seed. Erosion controls shall remain in place until the surface is stable and permission is granted to remove them by the Conservation Commission and/or the Director of Conservation.

The existing overstory is intact so there was no need to conduct discretionary cutting area calculations.



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

Applicant: Joshua Gould Prepared by: Greg Hochmuth Project location: 41 Woodcrest 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: A7-Wetland	Transect Number: A7-Wetland	Date of Delineation: 7/18/2016
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 Maple Acer rubrum	80%	57%	YES
Red Oak Quercus rubra	30%	21%	YES
White Ash Fraxinus americana	30%	21%	YES
Shrubs			
Multiflora Rose Rosa multiflora	10%	25%	YES
Spicebush Lindera benzoin	30%	75%	YES
Ground Cover			
Poison Ivy Toxicodendron radicans	10%	33%	YES
Skunk Cabbage Symplocarpus foetidus	10%	33%	YES
Royal Fern Osmunda regalis	10%	33%	YES

* 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: 3

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 Inten

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: 52A
 soil type mapped: Freetown
 hydric soil inclusions: Very Poorly Drained

Are field observations consistent with soil survey? YES
 Remarks:

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

- Site Inundated: _____
- Depth to free water in observation hole: _____ 8" _____
- Depth to soil saturation in observation hole: _____ 4" _____
- 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: _____

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

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 BW

X

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: Joshua Gould Prepared by: Greg Hochmuth Project location: 41 Woodcrest 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: A7-Upland	Transect Number: A7-Upland	Date of Delineation: 7/18/2016
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 Maple Acer rubrum	80%	57%	YES
Red Oak Quercus rubra	30%	21%	YES
White Ash Fraxinus americana	30%	21%	YES
Shrubs			
Multiflora Rose Rosa multiflora	30%	50%	YES
American Crabapple Malus coronaria	30%	50%	YES
Ground Cover			
Poison Ivy Toxicodendron radicans	10%	100%	YES

* 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: 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

Hydric Soil Interpretation

1. Soil Survey

Is there a published soil survey for this site? YES
 title/date: NRCS Web Soil Survey
 map number: 421B
 soil type mapped: Canton
 hydric soil inclusions: Well Drained

Are field observations consistent with soil survey? YES

Remarks:

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: _____

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
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__

Wetland hydrology present:

Hydric soil present _____

Other indicators of hydrology present _____

Sample location is in a BWV _____

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

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

AFFIDAVIT OF SERVICE

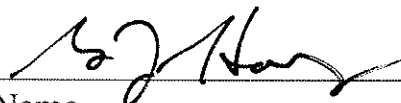
Under the Massachusetts Wetlands Protection Act

(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 August 4, 2016 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 Josh Gould with the Boxford Conservation Commission on August 4, 2016 for property located at 41 Woodcrest 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

8/4/2016
Date

TOWN OF BOXFORD
ABUTTER LIST

PARCEL #20-09-12 ~ 41 WOODCREST ROAD ~ CONSERVATION COMMISSION 250'

Map/Lot	Location	Owner	Owner 2	Owner Address	Owner City/Town	Owner State	Zip Code
(20-10-17)	5 SPRUCEWOOD CIR	BROWN WILLIAM R	BROWN LAURA A	5 SPRUCEWOOD CIR	BOXFORD	MA	01921
(20-10-15)	42 WOODCREST RD	BURKE PAMELA R	PANE ANTHONY	42 WOODCREST RD	BOXFORD	MA	01921
(20-10-19)	6 SPRUCEWOOD CIR	CANTONE-MAFFEO PATRICIA	MAFFEO STEPHEN R	6 SPRUCEWOOD CIR	BOXFORD	MA	01921
(20-10-20)	34 WOODCREST RD	CAPUTO BERNARD	HANNE CAPUTO	34 WOODCREST RD	BOXFORD	MA	01921
(20-09-15)	55 WOODCREST RD	DAMIGELLA JOSEPH D	KRAUSE JESSICA S	55 WOODCREST RD	BOXFORD	MA	01921
(20-09-06)	8 REDWOOD CIR	DUBE PAUL A TR	DUBE LINDA S TR	8 REDWOOD CIR	BOXFORD	MA	01921
(20-09-12)	41 WOODCREST RD	GOULD JOSHUA W	GOULD KRISTINE A	41 WOODCREST RD	BOXFORD	MA	01921
(20-10-14)	48 WOODCREST RD	HELFANT LISA A		48 WOODCREST RD	BOXFORD	MA	01921
(20-09-08)	23 WOODCREST RD	HUPPUGH MARIE J	FRANK W HUPPUGH	P O BOX 282	BOXFORD	MA	01921
(20-09-09)	25 WOODCREST RD	ISABELLE NATHAN	LINCOLN ALEXIS P	25 WOODCREST RD	BOXFORD	MA	01921
(20-09-10)	WOODCREST RD	KELLY EVANGELEA S	KELLY MATTHEW J	35 WOODCREST RD	BOXFORD	MA	01921
(20-09-11)	35 WOODCREST RD	KELLY EVANGELEA S	KELLY MATTHEW J	35 WOODCREST RD	BOXFORD	MA	01921
(20-09-13)	49 WOODCREST RD	LIKA EDISON		49 WOODCREST RD	BOXFORD	MA	01921
(25-05-14)	24 POND ST	MASS ELECTRIC CO	PROPERTY TAX DEPT	40 SYLVAN RD	WALTHAM	MA	02451
(20-09-14)	53 WOODCREST RD	NICHOLS LAURA		53 WOODCREST RD	BOXFORD	MA	01921
(20-01-09)	114 KILLAM HILL RD	PENDOLA ROBERT	PENDOLA FRANK III	114 KILLAM HILL RD	BOXFORD	MA	01921
(20-10-16)	40 WOODCREST RD	SHIRLEY JOHN B	SHIRLEY DEBRA L	40 WOODCREST RD	BOXFORD	MA	01921
(20-01-10)	110 KILLAM HILL RD	SOUZA JOSEPH C		110 KILLAM HILL RD	BOXFORD	MA	01921
(20-09-05)	10 REDWOOD CIR	STERN RICHARD & CYNTHIA TR	STERN REALTY TRUST	10 REDWOOD CIR	BOXFORD	MA	01921
(20-09-07)	4 REDWOOD CIR	SUTHERLAND DEAN-M JT	GOLDBERG BEVERLY	4 REDWOOD CIR	BOXFORD	MA	01921
(20-01-11)	108 KILLAM HILL RD	KENNERSON JOSEPH C	KENNERSON SAMANTHA	108 KILLAM HILL RD	BOXFORD	MA	01921

CERTIFIED COPY

Jan Debra
July 27, 2016