



EcoTec, Inc.

ENVIRONMENTAL CONSULTING SERVICES

102 Grove Street
Worcester, MA 01605-2629
508-752-9666 / Fax: 508-752-9494

April 12, 2018

Westwood Conservation Commission
50 Carby Street
Westwood, MA 02090

Re: Notice of Intent & Project Description – 295 Grove Street, Westwood, MA

Dear Commission Members:

Enclosed please find nine (9) copies of a Notice of Intent (“NOI”) and site plan submitted on behalf of the Applicant: Dr. John J. Tierney. This NOI is filed under the Massachusetts Wetlands Protection Act and the Town of Westwood Wetlands Protection Bylaw for the above-referenced property. This filing is comprised of:

- This cover letter;
- Municipal filing fee checks (\$67.50 for Town portion of State fee and \$200 for Bylaw fee);
- Notice of Intent Form 3 with required attachments (300’ certified abutters list, Town Clerk Affidavit, 45-day waiver form & bylaw filing fee worksheet);
- Copy of filing fee checks;
- USGS Topographic Map locus;
- DEP BVW Field Data Forms;
- Site plans by WDA Design Group, dated April 4, 2018 (3 sheets).

A copy of this filing has been submitted by certified mail, return receipt requested to the Northeast Regional Office of the Department of Environmental Protection and a copy has been provided to the Westwood Town Clerk. One copy of this filing has also been provided to the property owner.

Project Description:

The project site consists of an historically operated farmstead with several buildings and adjacent mown fields. A mapped intermittent stream flows within a culvert through the southerly portion of the fields (see attached USGS Topographic Map). The stream then daylights into drainage swales around fields in the northerly portion of the site. Wet meadows and wooded swamp fringes border on the intermittent stream and swales. I delineated wetlands on the property (prior to subdivision) in 2005. I re-evaluated the site in August, 2017 and verified wetland flagging in January, 2018. The current wetland flagging and stream locations are depicted on the attached site plans. DEP BVW Delineation Data forms for the current wetland flagging are attached.

The proposed project consists of the following items which are depicted and described in detail on the attached project plans:

April 12, 2018

Page 2 of 2

1. Restoring wetland impacts associated with recent grading work;
2. Restoring a recent stream/swale fording;
3. Installing a new, wooden bridge to access an agricultural field area;
4. Providing wetland replication/restoration to mitigate for the new bridge;
5. Invasive species removal and control work;
6. Removal of debris from the existing stream/swale that borders the agricultural field;
7. On-going mowing of hay for agricultural purposes within the existing upland and wetland field areas.

We look forward to meeting with the Commission regarding this project. If you have any questions, please feel free to contact me at any time.

Sincerely,



Arthur Allen
Senior Environmental Scientist

AA/noi/Westwood295GroveCover.doc

cc: DEP-NERO Wetlands & Waterways
Dr. John J. Tierney



WPA Form 3 – Notice of Intent

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

Provided by MassDEP:

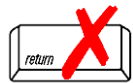
MassDEP File Number

Document Transaction Number

Westwood

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>295 Grove Street</u>	<u>Westwood</u>	<u>02090</u>
a. Street Address	b. City/Town	c. Zip Code
Latitude and Longitude:		
<u>5</u>	<u>42.245645</u>	<u>-71.219424</u>
f. Assessors Map/Plat Number	d. Latitude	e. Longitude
	<u>123</u>	
	g. Parcel /Lot Number	

2. Applicant:

<u>John J.</u>	<u>Tierney</u>	
a. First Name	b. Last Name	
c. Organization		
<u>295 Grove Street</u>		
d. Street Address		
<u>Westwood</u>	<u>MA</u>	<u>02090</u>
e. City/Town	f. State	g. Zip Code
<u>617-529-1605</u>	<u>doct@gbortho.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	
c. Organization		
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>Arthur</u>	<u>Allen</u>	
a. First Name	b. Last Name	
<u>EcoTec, Inc.</u>		
c. Company		
<u>102 Grove Street</u>		
d. Street Address		
<u>Worcester</u>	<u>MA</u>	<u>01605</u>
e. City/Town	f. State	g. Zip Code
<u>508-752-9666</u>	<u>508-752-9494</u>	<u>aallen@ecotecinc.com</u>
h. Phone Number	i. Fax Number	j. Email address

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

<u>110</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

Provided by MassDEP:

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A. General Information (continued)

6. General Project Description:

Restoration of wetland areas. Provision of access to historically mowed agricultural fields and on-going mowing of the fields. Invasive species control and maintenance of drainage swales/streams.

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:

Norfolk

a. County

17609

c. Book

b. Certificate # (if registered land)

558

d. Page Number

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

- 1. Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
- 2. Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

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



WPA Form 3 – Notice of Intent

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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 checked="" type="checkbox"/> Bank	16 1. linear feet	16 2. linear feet
b. <input checked="" type="checkbox"/> Bordering Vegetated Wetland	80 1. square feet	160 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 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. _____

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. <input checked="" 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.	
	460	
	_____	_____
	a. square feet of BVW	b. square feet of Salt Marsh
5. <input checked="" type="checkbox"/> Project Involves Stream Crossings		
	1	
	_____	_____
	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**

August 1, 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 _____
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/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:

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

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

Provided by MassDEP:

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Westwood

City/Town

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

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

4. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?
- a. Yes No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.
-
- b. ACEC
5. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?
- a. Yes No
6. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?
- a. Yes No
7. Is this project subject to provisions of the MassDEP Stormwater Management Standards?
- a. Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:
1. Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
 2. A portion of the site constitutes redevelopment
 3. Proprietary BMPs are included in the Stormwater Management System.
- b. No. Check why the project is exempt:
1. Single-family house
 2. Emergency road repair
 3. Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

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

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1. USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2. Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.



WPA Form 3 – Notice of Intent

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

Provided by MassDEP:
MassDEP File Number
Document Transaction Number
Westwood
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.

Resource Area Restoration & Enhancement Plan

a. Plan Title

WDA Design Group

S.P. Converse, PLS & L.C. Greene, Jr., RLA

b. Prepared By

c. Signed and Stamped by

4/10/2018

1"=60'

d. Final Revision Date

e. Scale

EcoTec Project & Wetland Descriptions

April 12, 2018

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:

18445

March 30, 2018

2. Municipal Check Number

3. Check date

18447

March 30, 2018

4. State Check Number

5. Check date

EcoTec, Inc.

6. Payor name on check: First Name

7. Payor name on check: Last Name



WPA Form 3 – Notice of Intent

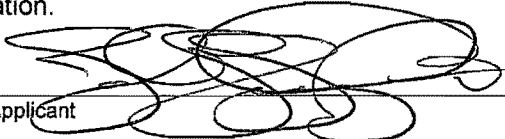
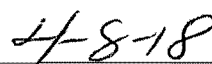

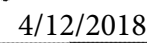
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

 _____ 1. Signature of Applicant	 _____ 2. Date
 _____ 3. Signature of Property Owner (if different)	_____ 4. Date
_____ 5. Signature of Representative (if any)	 _____ 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.



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:

<u>295 Grove Street</u>	<u>Westwood</u>
a. Street Address	b. City/Town
<u>18447</u>	<u>42.50</u>
c. Check number	d. Fee amount

2. Applicant Mailing Address:

<u>John</u>	<u>Tierney</u>	
a. First Name	b. Last Name	
<u></u>		
c. Organization		
<u>295 Grove Street</u>		
d. Mailing Address		
<u>Westwood</u>	<u>MA</u>	<u>02090</u>
e. City/Town	f. State	g. Zip Code
<u>617-529-1605</u>	<u>doct@gbortho.net</u>	
h. Phone Number	i. Fax Number	j. Email Address

3. Property Owner (if different):

<u></u>	<u></u>	
a. First Name	b. Last Name	
<u></u>		
c. Organization		
<u></u>		
d. Mailing 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

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
1.g. (New agriculture)	1	110	110
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Step 5/Total Project Fee: _____

Step 6/Fee Payments:

Total Project Fee:	110
	a. Total Fee from Step 5
State share of filing Fee:	42.50
	b. 1/2 Total Fee less \$12.50
City/Town share of filing Fee:	67.50
	c. 1/2 Total Fee plus \$12.50

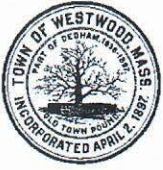
C. Submittal Requirements

- 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.)



**TOWN OF WESTWOOD
BOARD OF ASSESSORS**

580 High St.
Westwood, Ma. 02090

Maureen Bleday
Michael P. Krone
Mark F. Murphy

phone: 781-326-1904
fax: 781-251-2588

January 29, 2018

Arthur Allen, Vice President

*EcoTec, Inc.
102 Grove Street
Worcester, MA 01605-2629*

Mr. Freeman,

Attached please find a list of abutters and abutters to abutters for Map 05, Lot 123.

This list reflects owners of record as of January 1, 2018 or current owners, according to our records.

Sincerely,

Mark F. Murphy
Assessor

jb

ABUTTERS FOR MAP 05 LOT 123



GEOGRAPHIC INFORMATION SYSTEM
VISION APPRAISAL TECHNOLOGY



**ABUTTERS LIST FOR MAP 5 LOT 123
WESTWOOD, MA**

MAP & LOT	OWNER	CO-OWNER	Mailing Address	City	St Zip	Location
03009	KLIMA J V & LORBER M TRUS	SUMMER ST REALTY TRUST	429 SUMMER ST	WESTWOOD	MA 02090	409 SUMMER ST
03011	J FRANK&ELIZABETH W KOEHA	KEOHANE WESTWOOD REALTY T	359 SUMMER ST	WESTWOOD	MA 02090	359 SUMMER ST
05019	ERIC J & JULIA B WOODARD	HATHORNE ESTATE REALTY TR	303 GROVE ST	WESTWOOD	MA 02090	303 GROVE ST
05020	THOMPSON PETER C	JOAN J THOMPSON	217 GROVE ST	WESTWOOD	MA 02090	217 GROVE ST
05025	KJELLMAN JOANNA C		258 GROVE ST	WESTWOOD	MA 02090	258 GROVE ST
05026	FRISOLI MICHAEL R	KERRY L FISOLI	304 GROVE ST	WESTWOOD	MA 02090	304 GROVE ST
05118	AZAR ROSTOUM	NAIM AZAR	124 BEECH ST	ROSLINDALE	MA 02131	335 SUMMER ST
05119	PRICE GEORGE W	ELENA M PRICE	325 SUMMER ST	WESTWOOD	MA 02090	325 SUMMER ST
05120	OTEY MICHAEL	ILANA OTEY	315 SUMMER ST	WESTWOOD	MA 02090	315 SUMMER ST
05121	WOODARD ERIC J	JULIA B WOODARD	303 GROVE STREET	WESTWOOD	MA 02090	327 GROVE ST
05122	WOODARD ERIC J &	JULIA B WOODARD	303 GROVE ST	WESTWOOD	MA 02090	315 GROVE ST
05123	TIERNEY JOHN J	MARGARET L HEGER	232 GROVE STREET	WESTWOOD	MA 02090	295 GROVE ST
05124	GROVE STREET MEADOW 263 N	WILLIAM J & MARY-JO HANNI	263 GROVE ST	WESTWOOD	MA 02090	263 GROVE ST
05125	GROVE STREET MEADOW 245 N	M F HANNIGAN & J C PLATT	C/O MARY- JO F HANNIGAN	WESTWOOD	MA 02090	245 GROVE ST
05127	GROVE STREET MEADOW 281 N	M F HANNIGAN & J C PLATT	C/O MARY-JO F HANNIGAN	WESTWOOD	MA 02090	281 GROVE ST
05128	WESTWOOD LAND TRUST INC		P O BOX 2616	WESTWOOD	MA 02090	159 SUMMER ST

TOWN OF WESTWOOD
Commonwealth of Massachusetts

Joseph E. Previtera, Chairman
Leo J. Crowe
William Stowe
Charles Pare



Steven Woodworth, Vice Chair
Michael Ferry
John C. Masterson

CONSERVATION COMMISSION

Wetland Permit Application: Town Clerk

Westwood Conservation Commission
Westwood Town Hall
50 Carby Street
Westwood, MA 02090

Dear Commission:

I here certify that a complete copy of the application and plans submitted to the Westwood Conservation Commission for a permit under the Wetland Protection Act, M.G.L. c. 131, s40 and/or the Westwood Wetlands Protection Bylaw, Article 18 has been filed with the Westwood Town Clerk.

The application was submitted to the Town Clerk on (date) April 12, 2018


Applicant's or Representative's Signature

April 12, 2018
Date

Applicant's Name Dr. John J. Tierney

Project Location : 295 Grove Street

Project Type: Agriculture & Restoration

TOWN OF WESTWOOD
Commonwealth of Massachusetts

Joseph E. Previtera, Chairman
Leo J. Crowe
William Stowe
Charles Pare



Steven Woodworth, Vice Chair
Michael Ferry
John C. Masterson

CONSERVATION COMMISSION

Time Waiver Requirement


Westwood Conservation Commission
Westwood Town Hall
50 Carby Street
Westwood, MA 02090

Dear Commission:

I hereby waive the benefit of the time requirements set forth in Chapter 131 s. 40, (Wetland Protection Act) of the Massachusetts General Laws, 310 CMR. 10.00 Regulations, and the Town of Westwood Wetlands Protection By-Law, which require the Conservation Commission to convene a hearing and issue a Determination or Order within the time periods specified therein.

The public hearing shall be scheduled for the next available time slot on the meeting agenda upon receipt of the filing of a COMPLETE Notice of Intent or Request for Determination of Applicability.

The Order of Conditions or Determination of Applicability shall be issued within 45 days of the close of the public hearing.



Applicant's or Representative's Signature

April 12, 2018

Date

Applicant's Name Dr. John J. Tierney

Project Location : 295 Grove Street

Project Type: Agriculture & Restoration

**Worksheet for Fees
Westwood Wetlands Bylaw – Article 18
(in Addition to DEP filing Fees)**

Applicant: Dr. John J. Tierney

Address: 295 Grove Street, Westwood, MA 02090

Location of Project: same

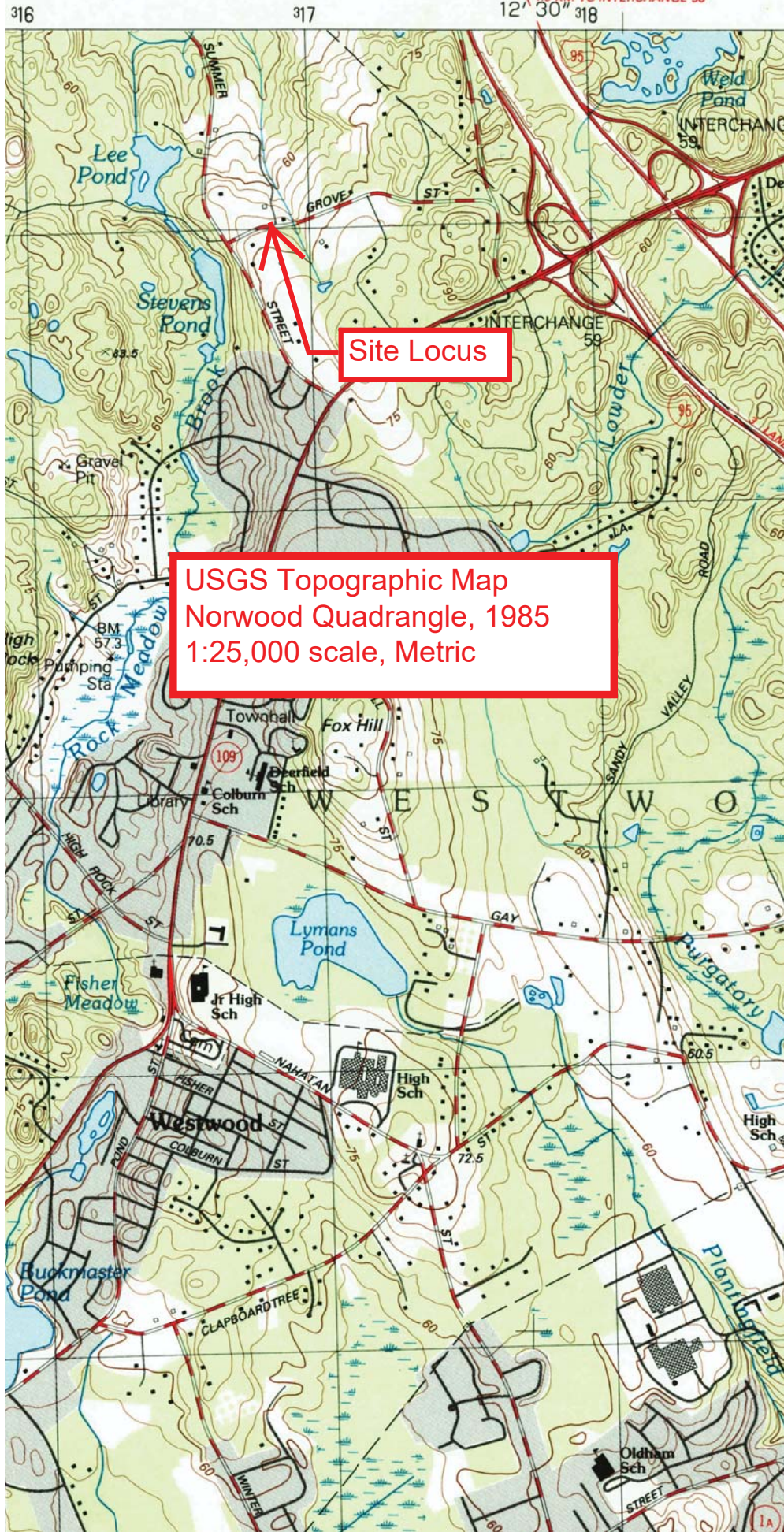
Notice of Intent

- | | | |
|---|-------------------------------------|--|
| 1. Minor project | <input checked="" type="checkbox"/> | \$100.00 |
| 2. Major project | <input type="checkbox"/> | \$250.00 plus \$1.00 additional sq. ft. |
| 3. New single family home | <input type="checkbox"/> | \$500.00 plus \$1.00 per 10 sq. ft. of disturbance |
| 4. Subdivision road and utility | <input type="checkbox"/> | \$750.00 plus \$5.00 per road sideline in resource or buffer zone |
| 5. Drainage detention/retention | <input type="checkbox"/> | \$750.00 plus \$1.00 per 10cf. of basin in resource or buffer zone |
| 6. Multiple Dwelling | <input type="checkbox"/> | \$500.00 plus \$100.00/unit and \$1.00 per 10 sq. ft. of disturbance |
| 7. Commercial institutional, industrial | <input type="checkbox"/> | \$750.00 plus \$1.00 per 10 sq. ft. of disturbance |
| 8. Request for Det. of Applicability | <input type="checkbox"/> | @ \$50.00 |
| 9. ANORAD | <input type="checkbox"/> | \$750.00 plus \$1.00 per 10 sq. ft. of disturbance |
| 10. Application filed after enforcement | <input checked="" type="checkbox"/> | Double application fees |
| 11. Amendments | <input type="checkbox"/> | \$100.00 |
| 12. Certificate of Compliance | | |
| Residence | <input type="checkbox"/> | \$100.00 |
| Non Residence | <input type="checkbox"/> | \$100.00 |
| Commercial or subdivision | <input type="checkbox"/> | \$200.00 |
| 13. Emergency Certificate | <input type="checkbox"/> | \$100.00 |
| 14. Agent Site Visit | | |
| Resident | <input type="checkbox"/> | \$25.00 per hour |
| Non Resident | <input type="checkbox"/> | \$45.00 per hour |

Total \$ 200

See Westwood Wetlands Protection Bylaw Regulations for more detail.

SETTS



Site Locus

USGS Topographic Map
Norwood Quadrangle, 1985
1:25,000 scale, Metric

WELLESLEY 9 KM
1.9 KM TO INTERCHANGE 59

DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Form

Applicant John Tierney

Prepared by: EcoTec, Inc

Project Location: 295 Grove St., Worcester

DEP File #

Section I. Vegetation

Observation Plot Number: TPU

Transect # B-7

Date of Delin: 1/29/2018

A. Sample layer and plant species (Enter largest to smallest % cover by layer)		Percent Cover (or basal area)	Percent Dominance	Dominant Plant?	Wetland Indicator Category
Tree	none				
Sapling	none				
Shrub	none				
Ground	Common plantain <i>Plantago major</i>	20	20.0	YES	FACU
	Pennsylvania sedg <i>Carex pensylvanica</i>	30	30.0	YES	NI
	Timothy grass <i>Phleum pratense</i>	50	50.0	YES	FACU
Vine					

Vegetation Conclusions

Number of dominant wetland indicator plants

0

Number of dominant non-wetland indicator plants

3

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

NO

DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Form

Applicant John Tierney

Prepared by: EcoTec, Inc

Project Location: 295 Grove St., Worcester

DEP File # 0

Section II. Indicators of Hydrology

Number: TPU

Transect # B-7

Date of Delin: 1/29/2018

1. Soil Survey

Is there a published soil survey for this site?

title/date

map number

soil type mapped

hydic soil inclusions

Are field observations consistent with soil survey?

Remarks:

2. Soil Description

Horizon	Depth (inches)	Matrix Color	Mottle Color
Ap	0-12	10YR 3/2	
Bw	12-16	10YR 5/4	10% 7.5YR 4/6

Remarks stony fine sandy loams

3. Other

Conclusion: Is the soil hydric?

No

Other Indicators of hydrology (check all that apply):

- 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 BVWs
- Oxidized rhizospheres
- Water stained leaves
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other:

Vegetation and Hydrology Conclusion

	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wetland hydrology present:		
Hydric soil present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other indicators of hydrology present	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sample Location is in a BVW	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DEP Bordering Vegetated Wetland (310 CMR 10.55) Delineation Field Form

Applicant John Tierney

Prepared by: EcoTec, Inc

Project Location: 295 Grove St., Worcester

DEP File #

Section I. Vegetation

Observation Plot Number: TPW

Transect # B-7

Date of Delin: 1/29/2018

A. Sample layer and plant species (Enter largest to smallest % cover by layer)		Percent Cover (or basal area)	Percent Dominance	Dominant Plant?	Wetland Indicator Category
Tree	none				
Sapling	none				
Shrub	none				
Ground	Common plantain <i>Plantago major</i>	20	20.0	YES	FACU
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Ap	0-16	10YR 2/2	
Bw	16-20	10YR 5/3	10% 10YR 5/2 20% 7.5YR 4/6

Remarks stony fine sandy loams

3. Other

Conclusion: Is the soil hydric?

Yes

Other Indicators of hydrology (check all that apply):

- Site Inundated
- Depth to free water in observation hole 12"
- Depth to soil saturation in observation hole 6"
- Water marks
- Drift lines
- Sediment Deposits
- Drainage patterns in BVWs
- Oxidized rhizospheres
- Water stained leaves
- Recorded data (stream, lake, or tidal gauge; aerial photo; other):
- Other:

Vegetation and Hydrology Conclusion

	Yes	No
Number of wetland indicator plants ≥ number of non-wetland indicator plants	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Wetland hydrology present:		
Hydric soil present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other indicators of hydrology present	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sample Location is in a BVW	<input checked="" type="checkbox"/>	<input type="checkbox"/>